



La FI.MO.TEC Spa avvia nel lontano 1933, a Milano, la produzione di materiali di fissaggio.

Gli anni successivi vedono un costante sviluppo di nuove linee di prodotti sempre più evoluti in aderenza alle crescenti esigenze tecnologiche.

Questa lunga esperienza viene travasata a partire dagli anni '80, nel settore delle telecomunicazioni, ove oggi la FI.MO.TEC. propone, sotto il marchio FIMO®, un vasto programma di prodotti innovativi, ricchi di caratteristiche esclusive, che vengono apprezzate dagli Operatori delle maggiori Aziende del settore. I prodotti FIMO® offrono sicurezza massima di impiego unitamente a praticità e comodità d'uso.

Non a caso quindi da anni FIMO® si presenta sul mercato come marchio di riferimento in un settore in rapida e costante ascesa, ove qualità e sicurezza sono argomenti prioritari.

Grazie quindi alla collaborazione con le Aziende leader e ad un costante impegno di ricerca e di sviluppo, la FI.MO.TEC. è da tempo la "prima scelta" per completezza di gamma e di caratteristiche tecnico/qualitative dei suoi prodotti.

FI.MO.TEC. Spa è una Azienda certificata

UNI EN ISO 9001:2000



FI.MO.TEC. Spa Milano, Italien, entsteht im Jahre 1933.

Herstellungsprogramm ist Befestigungsmaterial.

In den darauffolgenden Jahren wird das Programm stets mit technisch fortschrittlichen Produkten erweitert, um der rasanten Entwicklung des Weltmarktes gerecht zu werden.

Diese langjährige Erfahrung wird in den 80-er Jahren in den Bereich der Telekommunikation übertragen. Unter dem Logo FIMO®, bietet FI.MO.TEC. ein reichhaltiges Programm von technischen und innovativen Produkten an.

Erfahrung und Zufriedenheit, führender, weltweit tätiger Unternehmen aus dem Bereich Mobilfunk und Richtfunk, bestätigen die Gewährleistung von Sicherheit und Montagefreundlichkeit der FIMO®-Produkte. Die intensive Zusammenarbeit mit den Projekt-Abteilungen führender Hersteller und Installationsunternehmen und das Bestreben nach neuen Technologien für fortschrittliche Lösungen im Installationsbereich, bilden eine Synergie die voll zur Verfügung einer höchst anspruchsvollen Kundschaft gestellt wird. FI.MO.TEC.-Produkte sollen "erste Wahl" bei der Beschaffungsentscheidung der Kundschaft sein. FI.MO.TEC. Spa ist zertifiziert

UNI EN ISO 9001:2000



In the distant 1933 FI.MO.TEC. Spa starts the manufacturing of fastening materials.

During the following years there is a constant evolution of the products in order to meet the growing technological requirements.

Beginning from the 80-es this long experience has been transferred to the telecommunication field.

Today FI.MO.TEC. offers, under the trademark FIMO®, a large selection of advanced products, rich in exclusive features, which are appreciated by the operators of the leading companies in the sector, because they provide total fastening safety along with practical and easy mounting.

It is not by chance that for many years FI.MO.TEC. has been known on the market as the reference brand in a rapidly and constantly growing sector, in which quality and reliability are top priorities.

Thanks to the close cooperation with leading operators and to the persevering internal effort in research and development, FI.MO.TEC. is by now "first choice" for its comprehensive range, the technical features and the quality standards of its products.

FI.MO.TEC. Spa is certified

UNI EN ISO 9001:2000



FI.MO.TEC. Spa a débuté son activité à Milan en 1933 avec la production de matériels de fixation. Les années suivantes ont vu un constant développement de nouvelles gammes de produits toujours plus évolués pour faire face aux croissantes exigences technologiques du marché. Cette longue expérience a été transférée depuis des ans '80 dans le domaine des télécommunications.

Aujourd'hui FI.MO.TEC. offre, sous la marque FIMO®, une vaste gamme de produits innovateurs, riches en caractéristiques exclusives, qui sont appréciés par les opérateurs des principales compagnies du secteur, car ils assurent une fiabilité de fixation absolue en même temps qu'une utilisation facile et pratique.

Ce n'est pas par hasard que FIMO® se présente depuis des années comme marque de référence dans un secteur en rapide et constante croissance, dans lequel qualité et fiabilité sont des facteurs prioritaires. Suite à notre collaboration avec les sociétés leader et à un engagement constant dans la recherche et développement des produits, FI.MO.TEC. est désormais le "premier choix", grâce à une gamme complète et aux caractéristiques techniques et qualitatives de sa production. FI.MO.TEC. Spa est certifiée

UNI EN ISO 9001:2000

CERTIFICATO UNI EN ISO 9001:2000

FI.MO.TEC. Spa è una azienda certificata

UNI EN ISO 9001:2000

Tale certificazione è il riconoscimento ufficiale della filosofia che la FI.MO.TEC ha sempre perseguito:

- massima qualità dei prodotti
- servizio accurato alla clientela

CERTIFICATE UNI EN ISO 9001:2000

FI.MO.TEC. Spa is certified

UNI EN ISO 9001:2000

Such certification is the official acknowledgement of FI.MO.TEC.'s philosophy:

- top quality products
- accurate service for our customers

ZERTIFIKAT UNI EN ISO 9001:2000

FI.MO.TEC. Spa ist zertifiziert

UNI EN ISO 9001:2000

Das ist die offizielle Anerkennung der Firmenphilosophie:

- Zuverlässige Qualität der Produkte
- Pünktlicher Service an die Kunden

CERTIFICATION UNI EN ISO 9001:2000

FI.MO.TEC. Spa est certifiée

UNI EN ISO 9001:2000

Ce certificat représente la reconnaissance officielle de la philosophie que FI.MO.TEC a toujours poursuivi:

- qualité supérieure des produits
- service soigné à la clientèle



CONFORMITA' ALLE "DIRETTIVE RoHS"
2002/95/EC(EG) del 27.01.2003 e 2003/11/EC del 06.02.2003

COMPLIANCE WITH "RoHS Directives"
2002/95/EC(EG) of 27.01.2003 and 2003/11/EC of 06.02.2003

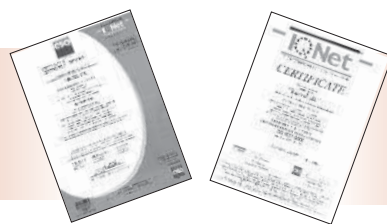
RoHS



ANPASSUNG AN DIE "RoHS Vorschriften" laut
2002/95/EC(EG) v. 27.01.2003 und 2003/11/EC v. 06.02.2003

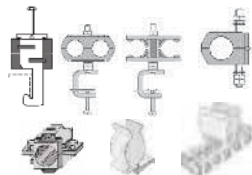
CONFORMITE AVEC "RoHS Directives"
2002/95/EC(EG) du 27.01.2003 et 2003/11/EC du 06.02.2003

0 Introduzione/indice
Introduction/index



Einleitung/Index
Introduction/index **0**

1 Fissacavi
Cable Clamps



Kabelschellen
Fixations **1**

2 Fissaggi di cavi radianti
Radiating Cables Fixings



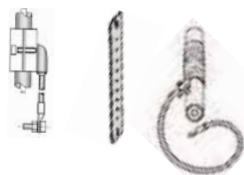
Abstrahlkabel Verlegung
Fissages de câbles rayonnants **2**

3 Elementi di fissaggio
Fastening Devices



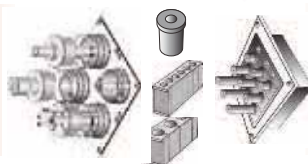
Befestigungselemente
Elements de fixation **3**

4 Kit di messa a terra
Grounding Kits



Erdungsgarnituren
Kits de mise à la terre **4**

5 Passanti a parete
Wall Entries



Wanddurchführungen
Traversées de paroi **5**

6 Profilati e accessori
Sections and Accessories



Stahlprofile und Zubehör
Profilées et accessoires **6**

7 Materiali isolanti
Insulating Materials



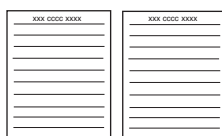
Dichtungsmaterial
Matériaux isolants **7**

8 Tasselli murali professionali
Professional Wall Plugs



Profi Mauerdübel
Chevilles professionnelles **8**

9 Tabelle
Tables



Tabellen
Tableaux **9**

Indice per articolo
Article Index

Inhalt nach Artikeln
Sommaire par article

| Art. | P. | Art. | P. | Art. | P. | Art. | P. | Art. | P. |
|---------|-------------|------|-------------|-----------------|-------------|-------------|-------------|-----------------|------|
| ANG | 3 22 | FMT | 4 14 | LCOLCC-LCP-LCL | 1 38 | PMR | 5 04 | STM | 3 11 |
| AM | 8 10 | FMC | 4 15 | LUS | 7 07 | PSI | 6 03 | SUS | 3 23 |
| AR | 8 06 | GIC | 5 19 | MAM | 3 02 | PSI..B | 6 05 | UBO | 3 17 |
| APE | 3 19 - 6 09 | GIM | 6 07 | MBM | 3 03 | PPS | 5 17 | UCO-UCC-UCP-UCL | 1 32 |
| APM | 3 10 | GIT | 3 12 | MCO-MCC-MCP-MCL | 1 44 | PSL | 1 60 | UEK | 4 10 |
| BAM | 3 08 | GMD | 3 16 | MCF | 3 21 | PTR | 5 10 | UIT | 3 12 |
| BAC | 3 08 | GO | 3 14 | MCM 8 | 3 04 | PUC | 1 60 | UMC | 8 15 |
| BCO | 1 37 | GOP | 3 15 | MCM 8V | 3 04 | R10-80 | 2 07 | USO-USC-USP-USL | 1 26 |
| BEI | 4 17 | GPE | 5 14 | MEI | 2 05 | R8-SP-R10TX | 8 22 | VCI | 6 12 |
| BEC | 4 17 | GPR | 5 13 | MEF | 6 07 | RAC | 2 03 | VEI | 6 12 |
| BFI | 1 60 - 2 09 | GPT | 5 14 | MEM | 6 07 | RAF | 2 10 - 3 20 | VSI | 6 12 |
| BIT | 3 12 | GRE | 5 30 | MF-MFI | 2 08 - 8 02 | RAP | 2 11 | VTI | 6 12 |
| BOM | 3 09 | GRI | 6 12 | MIM 8/25 | 3 05 | REI | 6 12 | WEK | 7 05 |
| bRF | 1 49 | GRQ | 5 33 | MIM 8/35 | 3 05 | RF Q | 1 55 - 2 06 | | |
| BTC | 4 16 - 6 10 | GRR | 5 15 - 5 28 | MOT | 3 06 | RPI | 1 60 - 6 12 | | |
| BUT | 7 08 | GSE | 5 26 | MPS | 3 24 | SAB | 1 31 | | |
| CAI | 6 07 | GSR | 5 26 | mRF | 1 21 | SAC | 1 43 | | |
| CAP | 6 11 | GST | 5 27 | MWT | 7 06 | SAM | 1 25 | | |
| CPR | 5 07 | GTR | 5 15 - 5 27 | NAS | 7 02 | SAL | 1 37 | | |
| CPS | 5 08 | GTE | 5 27 | NEP | 7 04 | SAR | 2 08 - 8 04 | | |
| DAI | 1 60 - 6 12 | ISA | 6 12 | NP | 8 24 | SAS | 1 03 | | |
| DAS | 1 20 | ISI | 6 07 | NPI | 6 07 - 6 12 | SAT | 1 03 | | |
| DRA | 2 04 | ISL | 3 18 - 6 08 | OM | 8 12 | SCJ | 4 18 | | |
| DS | 8 08 | ISP | 6 12 | OX | 1 51 | SEP | 1 50 | | |
| EBC | 2 09 - 8 16 | IST | 4 16 - 6 10 | PAS | 5 21 | SNO | 3 22 | | |
| EMC | 1 57 | KMT | 4 04 | PBC | 2 09 - 8 14 | SOC | 8 15 | | |
| FAS/FAU | 3 13 | KPG | 5 19 | PCC | 8 15 | SPJ | 4 18 | | |
| FCT | 3 07 | KX | 8 19 | PCI..B | 6 04 | SPS | 2 06 | | |
| FLI | 6 07 | KXM | 8 19 | PGA | 5 23 | sRF | 1 04 | | |

Indice per codice
Code Index

Inhalt nach Code
Sommaire par code

| FIMO® Cod. | P. | FIMO® Cod. | P. | FIMO® Cod. | P. | FIMO® Cod. | P. |
|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| 10 1301 | 5 07 - 8 02 | 61 1090 | 5 31 | 61 1564 | 1 40 | 61 3221 | 3 19 - 6 09 |
| 10 1302 | 5 07 - 8 02 | 61 1100 | 5 31 | 61 1568 | 1 46 | 61 3228 | 1 60 |
| 10 2408 | 5 07 - 8 04 | 61 1502 | 4 10 | 61 1569 | 1 44 | 61 3304 | 5 19 |
| 20 0101 | 8 06 | 61 1503 | 4 15 | 61 1570 | 1 45 | 61 3307 | 1 31 |
| 20 0301 | 8 08 | 61 1503 | 4 15 | 61 1571 | 1 26 | 61 3307 | 1 45 |
| 20 0602 | 8 10 | 61 1511 | 5 04 | 61 1572 | 1 27 | 61 3307 | 1 43 |
| 20 0607 | 8 12 | 61 1513 | 5 10 | 61 1573 | 1 28 | 61 3307 | 1 03 |
| 40 1901 | 8 19 | 61 1515 | 5 17 | 61 1574 | 1 47 | 61 3308 | 3 16 |
| 40 2937 | 8 19 | 61 1515 | 5 19 | 61 1575 | 1 36 | 61 3308 | 1 37 |
| 60 1511 | 1 51 | 61 1516 | 3 15 | 61 1576 | 1 41 | 61 3309 | 1 37 |
| 60 1512 | 1 51 | 61 1517 | 4 17 | 61 1578 | 1 29 | 61 3310 | 7 07 |
| 60 1513 | 1 51 | 61 1518 | 3 14 | 61 1595 | 1 57 | 61 3314 | 6 11 |
| 60 1514 | 1 51 | 61 1519 | 3 17 | 61 1601 | 3 10 | 61 3315 | 1 25 |
| 60 1515 | 1 51 | 61 1523 | 3 04 | 61 1803 | 3 11 | 61 3402 | 7 08 |
| 60 1516 | 1 51 | 61 1523 | 3 02 | 61 1804 | 3 08 | 61 4001 | 3 18 - 6 08 |
| 60 1517 | 1 51 | 61 1523 | 3 03 | 61 1804 | 6 07 | 61 4022 | 6 03 |
| 60 1518 | 1 51 | 61 1523 | 3 21 | 61 1805 | 6 07 | 61 4022 | 6 04 |
| 60 1519 | 3 06 | 61 1523 | 3 05 | 61 1806 | 6 07 | 61 5000 | 2 03 |
| 60 0120 | 5 13 | 61 1527 | 1 55 - 2 09 | 61 1808 | 2 05 | 61 6000 | 2 04 |
| 61 0290 | 5 26 | 61 1530 | 3 07 | 61 1809 | 6 07 | 61 9000 | 3 12 |
| 61 0490 | 5 26 | 61 1540 | 4 04 | 61 1812 | 3 24 | 61 9000 | 3 13 |
| 61 0490 | 5 27 | 61 1541 | 4 07 | 61 2100 | 7 04 | FM 9000 | 8 15 |
| 61 0828 | 5 15 | 61 1543 | 4 16 - 6 10 | 61 2101 | 7 02 | FM 9001 | 2 08 - 8 16 |
| 61 0838 | 5 28 | 61 1544 | 3 05 | 61 2202 | 7 06 | FM 9003 | 2 08 - 8 15 |
| 61 0850 | 5 28 | 61 1550 | 1 08 - 1 09 | 61 2442 | 6 07 - 6 12 | M2 2201 | 7 05 |
| 61 0862 | 5 28 | 61 1551 | 1 06 - 1 07 | 61 2902 | 6 12 | ME 0501 | 2 06 |
| 61 0890 | 5 28 | 61 1552 | 1 04 - 1 05 | 61 2914 | 6 12 | ME 1501 | 8 24 |
| 61 0899 | 5 28 | 61 1553 | 1 10 - 1 11 | 61 2917 | 6 12 | ME 2501 | 8 23 |
| 61 0938 | 5 33 | 61 1554 | 1 12 - 1 13 | 61 2918 | 1 60 - 6 12 | ME 3501 | 8 23 |
| 61 0950 | 5 33 | 61 1556 | 1 18 - 1 19 | 61 2919 | 6 12 | U3 2101 | 4 18 |
| 61 0962 | 5 33 | 61 1557 | 1 14 - 1 15 | 61 2920 | 6 12 | U3 2107 | 4 18 |
| 61 0990 | 5 33 | 61 1558 | 1 16 - 1 17 | 61 2923 | 2 06 | | |
| 61 1000 | 5 15 - 5 27 | 61 1559 | 1 32 | 61 2936 | 1 60 - 6 12 | | |
| 61 1001 | 5 27 | 61 1560 | 1 33 | 61 2941 | 6 12 | | |
| 61 1038 | 5 30 | 61 1561 | 1 34 | 61 2954 | 1 60 - 2 08 | | |
| 61 1050 | 5 30 | 61 1562 | 1 38 | 61 3012 | 6 03 | | |
| 61 1062 | 5 31 | 61 1563 | 1 39 | 61 3209 | 6 12 | | |

SOLUZIONI
PER L'INSTALLAZIONE

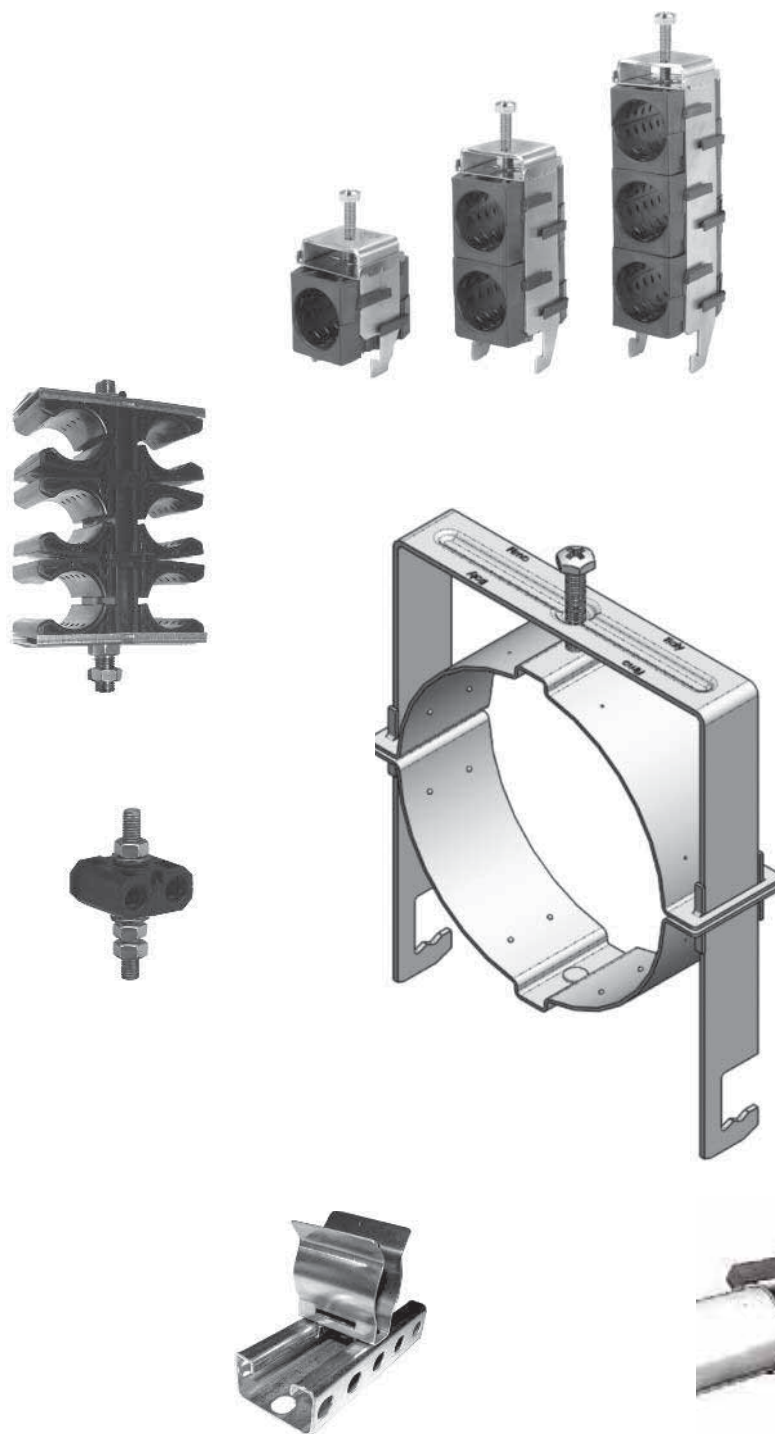
SOLUTIONS
FOR INSTALLATIONS



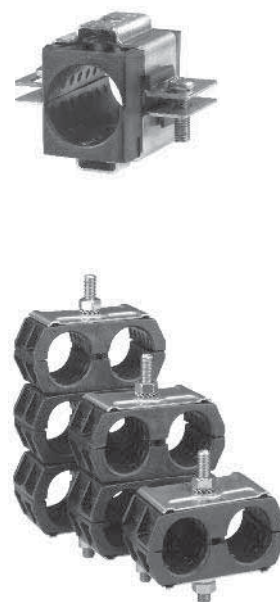
LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

Fissacavi Cable Clamps



Kabelschellen Fixations



sRF - Fissacavi autobloccanti (brev.)
a bloccaggio sicuro antisfondamento

I fissacavi autobloccanti della serie sRF sono la soluzione ottimale per un fissaggio comodo e rapido a strutture varie di:

cavi coassiali, guide d'onda e cavi a fibre ottiche.

I cavi vengono bloccati saldamente, senza pericolo di deformazione, da selle calibrate che li trattengono senza schiacciarli.

L'installatore controlla visivamente la pressione esercitata dalla vite (brev.). Possono essere posati da 1 a 12 cavi per morsetto. Le selle calibrate, rese imperdibili da una clip, possono essere inserite a piacere frontalmente o lateralmente nel cavallotto.

Caratteristiche principali:

- struttura semplice e robusta
- componenti imperdibili e di uso comodo
- materiale selezionato di elevata qualità
- resistenza agli Agenti atmosferici (U.V., salini ecc.)
- resistenza agli sbalzi termici (-30°C a +120°C)
- sicurezza per i cavi e per l'installatore
- facilità e rapidità di posa

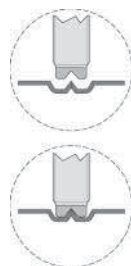
1-2 Nm



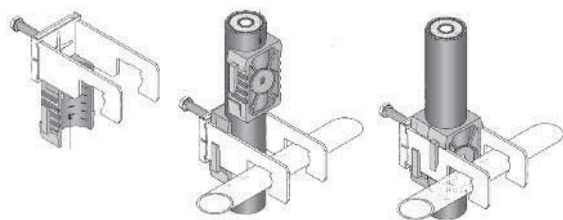
Vite autobloccante (brev.)
Self-locking screw (pat.)
Selbstsichernde Schraube (pat.)
Vis auto-arrêtante (brev.)



Piastra reggispinta nervata (brev.)
Ribbed pressure plate (pat.)
Gekerbte Druckplatte (pat.)
Plaque avec nervures (brev.)



Brevettato
Patented
Patentiert
Brevetée



Installazione comoda **autobloccante**
Easy and self-locking installation
Leichte **selbstsichernd** Montage
Accrochage **auto-arrêtante** facile

sRF- Selbstsichernde-Kabelschellen (pat.)
rutschfest und überdrucksicher

sRF Selbstsichernde Kabelschellen sind die optimale Lösung für eine schnelle und bequeme Befestigung von Koax-Kabeln, Wellenleitern und optischen Fiber-Kabeln an verschiedenartigen Gerüsten. Die Kabel werden fest, ohne schädlichen Überdruck, durch form-schlüssige Kaliberwannen gehalten. Der Installateur kann den Druck der Befestigungsschraube auf die Kunststoffwanne selbst beobachten (pat.). Mit einer Schelle können 1 bis 12 Kabel befestigt werden.

Die Wannen werden unverlierbar durch einen Clip am Stahlbuegel gehalten und koennen beliebig seitlich oder frontal eingeschoben werden.

Eigenschaften:

- Einfach und robust
- Einzelteile unverlierbar
- Material erster Wahl
- Witterungsbeständigkeit (U.V., Meeresluft usw.)
- Temperaturbeständigkeit (-30° bis +120°C)
- Sicherheit fuer Kabel und Montagepersonal
- Leichte und schnelle Montage

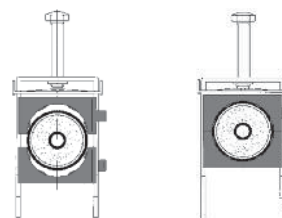
sRF - Attaches auto-arrêtantes (brev.)
sûres et anti-écrasement

Les fixations auto arrêtantes sRF et sRF représentent la solution optimale pour une fixation facile et rapide de: câbles coaxiaux, guides d'onde et fibres optiques sur différents supports. Les câbles restent bloqués solidement, sans danger de déformation, par des garnitures calibrées qui les retiennent sans les écraser.

L'installateur contrôle visuellement la pression exercée par la vis (pat.). Il est possible de fixer de 1 à 12 câbles par la même attache. Les garnitures calibrées, rendues imperdables par un clip, peuvent être introduites au choix frontalement ou latéralement dans l'étrier.

Caractéristiques principales:

- structure simple et robuste.
- composants imperdables et d'utilisation pratique
- matériel sélectionné de haute qualité.
- résistance aux agents atmosph. (rayons U.V., air salin, etc.)
- résistance maximale aux écarts thermiques (-30°C à +120°C)
- sécurité pour les câbles et les installateurs.
- facilité et rapidité de pose.

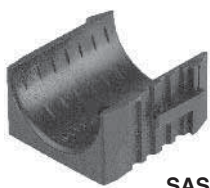


Selle calibrata per una **pressione controllata**
Calibrated saddles assure controlled pressure
Überdrucksichere kalibrierte Wannen
Garnitures calibrées pour un **serrage contrôlé**

SAS - Selle calibrate singole (Brev.)
SAT - Selle calibrate gemellate (Brev.)

Le selle SAS e SAT sono fornite con i morsetti sRF e i collari RF Q.
Grazie alla dentellatura speciale interna fanno presa sul cavo coassiale senza comprimerlo né deformarlo. La chiusura di due selle abbinata è calibrata sui diametri dei cavi coassiali.

Materiale:
P.A. rinforzato con fibra di vetro.
Resistente ai raggi U.V.
Colore: nero (grigio a richiesta).



SAS

SAS - Einspurige Klemmwannen (Pat.)
SAT - Zweispurige Klemmwannen (Pat.)

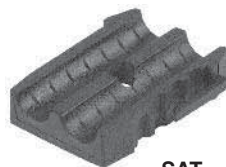
SAS und SAT Klemmwannen sind standardmäßig den sRF- und RF Q-Schellen beige packt. Sie entsprechen dem Standarddurchmesser der RF-Koaxialkabel die formschlüssig eingebettet werden. Innen angebrachte Noppen haften am Kabelmantel ohne ihn zusammenzudrücken.

Material:
P.A. glasfaserverstärkt.
U.V. beständig
Farbe: schwarz (grau auf Anfrage).

SAS - Single calibrated Saddles (Pat.)
SAT - Twin calibrated Saddles (Pat.)

The SAS and SAT saddles are supplied with the sRF cable clamps and RF Q collars.
The internal indentation allows gripping on the cable without compressing nor deforming it.
The closure of the cables is calibrated.

Material:
Fiberglass P.A.
U.V. proof.
Colour: black (grey on request).

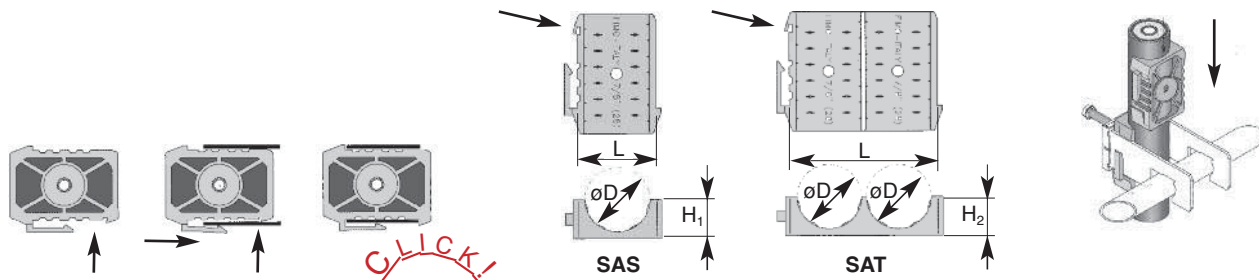


SAT

SAS - Garnitures calibrées simples (Brev.)
SAT - Garnitures calibrées doubles (Brev.)

Les garnitures SAS et SAT sont fournies normalement avec les attaches sRF et colliers RF Q. Elles ont le diamètre des câbles coaxiaux. Grâce aux dentelures intérieures elles fixent le câble sans le comprimer ni le déformer.

Matériel:
P.A. renforcé fibre de verre.
Résistant aux rayons U.V.
Couleur: noir (gris sur demande).



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ØD | L | H ₁ | H ₂ | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----------------|----------------|-----|-----|----|---|----------------------------------|
| | 61 3307 3006 | SAS 6 | 5 - 6 | 12 | 7,5 | - | 50 | 500 | 4 | | |
| | 61 3307 3007 | SAS 7 | 6 - 7 | 12 | 7,5 | - | 50 | 500 | 4 | | |
| | 61 3307 3008 | SAS 8 | 7 - 8 | 12 | 7,5 | - | 50 | 500 | 4 | | |
| | 61 3307 3009 | SAS 9 | 8 - 9 | 12 | 7,5 | - | 50 | 500 | 3 | | |
| | 61 3307 3010 | SAS 10 | 10 - 11 | 12 | 7,5 | - | 50 | 500 | 3 | | |
| | 61 3307 3011 | SAS 11 | 10 - 11 | 22 | 13,5 | - | 50 | 500 | 10 | | |
| | 61 3307 1012 | SAS 12 | 11 - 12 | 22 | 13,5 | - | 50 | 500 | 10 | | |
| | 61 3307 3013 | SAS 13 | 12 - 13 | 22 | 13,5 | - | 50 | 500 | 10 | | |
| | 61 3307 3014 | SAS 1/2"S (14) | 13 - 14 | 22 | 13,5 | - | 50 | 500 | 10 | | |
| | 61 3307 3038 | SAS 3/8" (16) | 15 - 16 | 22 | 13,5 | - | 50 | 500 | 10 | | |
| | 61 3307 3012 | SAS 1/2" (17) | 16 - 17 | 22 | 13,5 | - | 50 | 500 | 8 | | |
| | 61 3307 3058 | SAS 5/8" (23) | 21 - 23 | 34 | 19 | - | 50 | 500 | 16 | | |
| | 61 3307 3027 | SAS 7/8"S (26-27) | 26 - 27 | 34 | 19 | - | 50 | 500 | 16 | | |
| | 61 3307 3078 | SAS 7/8" (28) | 27 - 28 | 34 | 19 | - | 50 | 500 | 16 | | |
| | 61 3307 3178 | SAS 7/8"M (30) | 29 - 30 | 34 | 19 | - | 50 | 500 | 14 | | |
| | 61 3307 3118 | SAS 1.1/8" (38) | 36 - 38 | 46 | 25,5 | - | 50 | 500 | 26 | | |
| | 61 3307 3114 | SAS 1.1/4" (40) | 39 - 40 | 46 | 25,5 | - | 50 | 500 | 26 | | |
| | 61 3307 3158 | SAS 1.5/8" (52) | 50 - 52 | 58 | 32 | - | 50 | 100 | 34 | | |
| | 61 3307 3060 | SAS 2.1/4" (60) | 59 - 60 | 70 | 37,5 | - | 50 | 100 | 38 | | |
| | 61 3307 3062 | SAS 62 | 60 - 62 | 70 | 37,5 | - | 50 | 100 | 40 | | |
| 61 3307 3074 | SAS 3" (74) | 72 - 74 | 80 | 45 | - | 50 | 100 | 57 | | | |
| 61 3307 3076 | SAS 3" M (76) | 74 - 76 | 80 | 45 | - | 50 | 100 | 59 | | | |
| | 61 3307 3206 | SAT 6x2 | 5 - 6 | 22 | - | 7 | 50 | 500 | 13 | | |
| | 61 3307 3208 | SAT 8x2 | 7 - 8 | 22 | - | 7 | 50 | 500 | 13 | | |
| | 61 3307 3209 | SAT 9x2 | 8 - 9 | 22 | - | 7 | 50 | 500 | 11 | | |
| | 61 3307 3210 | SAT 10x2 | 10 - 11 | 22 | - | 7 | 50 | 500 | 11 | | |
| | 61 3307 3211 | SAT 11x2 | 10 - 11 | 34 | - | 10 | 50 | 500 | 10 | | |
| | 61 3307 3214 | SAT 1/2"Sx2 (14) | 13 - 14 | 46 | - | 10 | 50 | 500 | 18 | | |
| | 61 3307 3212 | SAT 1/2"x2 (17) | 16 - 17 | 46 | - | 13 | 50 | 500 | 16 | | |
| | 61 3307 3227 | SAT 7/8"Sx2 (27) | 26 - 27 | 70 | - | 19 | 50 | 100 | 30 | | |
| | 61 3307 3278 | SAT 7/8"x2 (28) | 27 - 28 | 70 | - | 19 | 50 | 100 | 30 | | |

sRF A3 - Fissacavi autobloccanti
Completì di selle calibrate

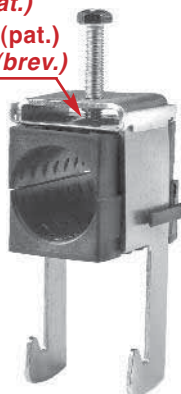
per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio ad angolare 30x30 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



sRF A3 - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für Winkeleisen 30x30 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF A3 - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur cornière 30x30 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)

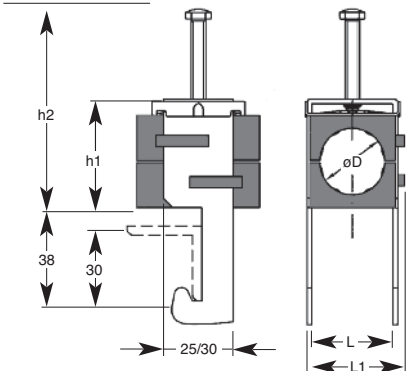
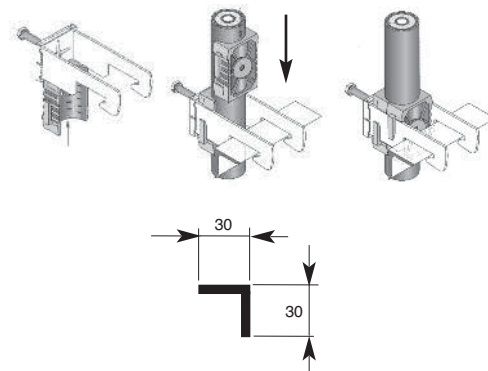
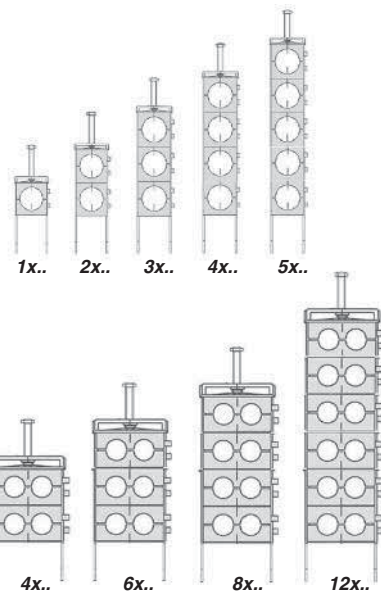
sRF A3 - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.





Hooking on 30x30 mm angular

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------------------|---------|----|----|-----|----|----|--|-----|----------------------------------|
| 1 Cavo 1 Kabel | 61 1552 0006 | sRF A3/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | | 55 | |
| | 61 1552 0007 | sRF A3/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | | 55 | |
| | 61 1552 0008 | sRF A3/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | | 55 | |
| | 61 1552 0009 | sRF A3/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | | 55 | |
| | 61 1552 0010 | sRF A3/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | | 55 | |
| | 61 1552 0011 | sRF A3/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | | 69 | |
| | 61 1552 1012 | sRF A3/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | | 69 | |
| | 61 1552 0013 | sRF A3/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | | 66 | |
| | 61 1552 0014 | sRF A3/ 1x1/2" S (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | | 70 | |
| | 61 1552 0038 | sRF A3/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | | 67 | |
| | 61 1552 0012 | sRF A3/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | | 67 | |
| | 1 Cable 1 Câble | 61 1552 0058 | sRF A3/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | | 136 |
| 61 1552 0027 | | sRF A3/ 1x7/8" S (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | | 105 | |
| 61 1552 0078 | | sRF A3/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | | 105 | |
| 61 1552 1178 | | sRF A3/ 1x7/8" M (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | | 103 | |
| 61 1552 0118 | | sRF A3/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | | 171 | |
| 61 1552 0114 | | sRF A3/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | | 164 | |
| 61 1552 0158 | | sRF A3/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | | 213 | |
| 61 1552 1214 | | sRF A3/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | | 238 | |
| 61 1552 0062 | | sRF A3/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | | 234 | |
| 61 1552 0074 | | sRF A3/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | | 330 | |
| 61 1552 0076 | | sRF A3/ 1x3" M (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | | 330 | |

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix | |
|---|---------------------------------------|---|--------------|------------------------------|------------------------------|---------|----|---|---|--|----------------------------------|-----|
|  | 2 Cavi | 2 Kabel | 61 1552 0206 | sRF A3/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | 65 | |
| | | | 61 1552 0207 | sRF A3/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | 65 | |
| | | | 61 1552 0208 | sRF A3/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | 65 | |
| | | | 61 1552 0209 | sRF A3/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | 65 | |
| | | | 61 1552 0210 | sRF A3/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | 65 | |
| | | | 61 1552 0211 | sRF A3/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | 103 | |
| | | | 61 1552 2012 | sRF A3/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | 103 | |
| | | | 61 1552 0213 | sRF A3/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | 100 | |
| | | | 61 1552 0214 | sRF A3/ 2x1/2" S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | 105 | |
| | | | 61 1552 0238 | sRF A3/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | 100 | |
| | | | 61 1552 0212 | sRF A3/ 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | 99 | |
| | | | 61 1552 0258 | sRF A3/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | 209 | |
| | | | 61 1552 0227 | sRF A3/ 2x7/8" S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | 169 | |
| | | | 61 1552 0278 | sRF A3/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | 169 | |
| | | | 61 1552 2178 | sRF A3/ 2x7/8" M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | 159 | |
| | 2 Cables | 2 Câbles | 2 Câbles | 61 1552 2118 | sRF A3/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | 265 |
| | | | | 61 1552 2114 | sRF A3/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | 252 |
| | | | | 61 1552 2158 | sRF A3/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | 361 |
| | | | 61 1552 2214 | sRF A3/ 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | 431 | |
| | | | 61 1552 0262 | sRF A3/ 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | 412 | |
| | | | | | | | | | | | | |
| 3 Cavi | 3 Kabel | 3 Kabel | 61 1552 0306 | sRF A3/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | 75 | |
| | | | 61 1552 0307 | sRF A3/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | 75 | |
| | | | 61 1552 0308 | sRF A3/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | 75 | |
| | | | 61 1552 0309 | sRF A3/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | 75 | |
| | | | 61 1552 0310 | sRF A3/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | 75 | |
| | | | 61 1552 0311 | sRF A3/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | 137 | |
| | | | 61 1552 3012 | sRF A3/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | 137 | |
| | | | 61 1552 0313 | sRF A3/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | 130 | |
| | | | 61 1552 0314 | sRF A3/ 3x1/2" S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | 140 | |
| | | | 61 1552 0338 | sRF A3/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | 131 | |
| | | | 61 1552 0312 | sRF A3/ 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | 130 | |
| | | | 61 1552 0358 | sRF A3/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | 276 | |
| | | | 61 1552 0327 | sRF A3/ 3x7/8" S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | 231 | |
| | | | 61 1552 0378 | sRF A3/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | 231 | |
| | | | 61 1552 3178 | sRF A3/ 3x7/8" M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | 219 | |
| | 3 Cables | 3 Câbles | 3 Câbles | 61 1552 3118 | sRF A3/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | 363 |
| | | | | 61 1552 3114 | sRF A3/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | 345 |
| | | | | 61 1552 3158 | sRF A3/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | 487 |
| 4 Cavi | 4 Kabel | 4 Kabel | 61 1552 1411 | sRF A3/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | 173 | |
| | | | 61 1552 1412 | sRF A3/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | 166 | |
| | 4 Cables | 4 Câbles | 61 1552 1478 | sRF A3/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | 293 | |
| 5 Cavi | 5 Kabel | 5 Kabel | 61 1552 0511 | sRF A3/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | 209 | |
| | | | 61 1552 0512 | sRF A3/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | 202 | |
| | 5 Cables | 5 Câbles | 61 1552 0578 | sRF A3/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | 355 | |
| 4 Cavi | 4 Kabel | 4 Kabel | 61 1552 0406 | sRF A3/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | 85 | |
| | | | 61 1552 0408 | sRF A3/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | 85 | |
| | | | 61 1552 0409 | sRF A3/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | 85 | |
| | | | 61 1552 0411 | sRF A3/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | 114 | |
| | | | 61 1552 0412 | sRF A3/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | 184 | |
| | 4 Cables | 4 Câbles | 61 1552 0478 | sRF A3/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | 286 | |
| 6 Cavi | 6 Kabel | 6 Kabel | 61 1552 0611 | sRF A3/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | 160 | |
| | | | 61 1552 0612 | sRF A3/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | 230 | |
| | 6 Cables | 6 Câbles | 61 1552 0678 | sRF A3/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | 335 | |
| 8 Cavi | 8 Kabel | 8 Kabel | 61 1552 0806 | sRF A3/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | 130 | |
| | | | 61 1552 0808 | sRF A3/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | 130 | |
| | | | 61 1552 0809 | sRF A3/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | 130 | |
| | | | 61 1552 0811 | sRF A3/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | 205 | |
| | | | 61 1552 0812 | sRF A3/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | 275 | |
| | 8 Cables | 8 Câbles | 61 1552 0878 | sRF A3/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | 375 | |
| 12 Cavi | 12 Kabel | 12 Kabel | 61 1552 1211 | sRF A3/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | 305 | |
| | 12 Cables | 12 Câbles | 61 1552 1212 | sRF A3/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | 421 | |

sRF A4 - Fissacavi autobloccanti
Completi di selle calibrate

per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio ad angolare 40x40 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



sRF A4 - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für Winkeleisen 40x40 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF A4 - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on 40x40 mm angular

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

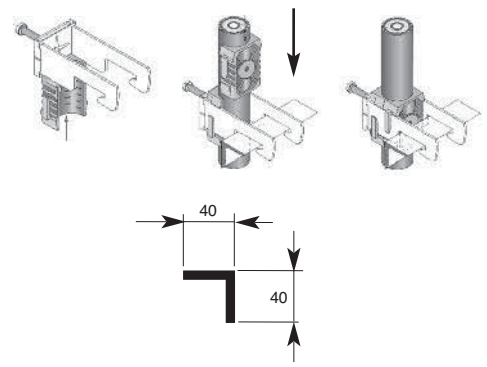
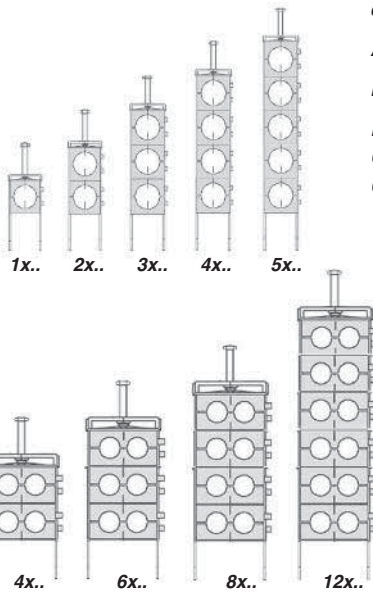
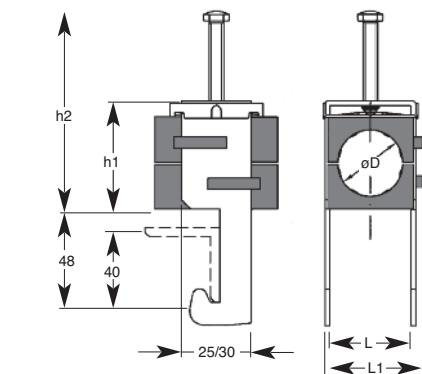
sRF A4 - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.







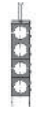





Accrochage sur cornière 40x40 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------------------|---------|----|----|-----|----|----|-----|----------------------------------|
| 1 Cavo 1 Kabel | 61 1551 0006 | sRF A4/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | 62 | |
| | 61 1551 0007 | sRF A4/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | 62 | |
| | 61 1551 0008 | sRF A4/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | 60 | |
| | 61 1551 0009 | sRF A4/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | 58 | |
| | 61 1551 0010 | sRF A4/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | 58 | |
| | 61 1551 0011 | sRF A4/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | 90 | |
| | 61 1551 1012 | sRF A4/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | 90 | |
| | 61 1551 0013 | sRF A4/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | 90 | |
| | 61 1551 0014 | sRF A4/ 1x1.2" S (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | 88 | |
| | 61 1551 0038 | sRF A4/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | 86 | |
| | 61 1551 0012 | sRF A4/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | 84 | |
| | 1 Cable 1 Câble | 61 1551 0058 | sRF A4/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | 140 |
| 61 1551 0027 | | sRF A4/ 1x7/8" S (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | 138 | |
| 61 1551 0078 | | sRF A4/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | 138 | |
| 61 1551 1178 | | sRF A4/ 1x7/8" M (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | 136 | |
| 61 1551 0118 | | sRF A4/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | 190 | |
| 61 1551 0114 | | sRF A4/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | 188 | |
| 61 1551 0158 | | sRF A4/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | 234 | |
| 61 1551 1214 | | sRF A4/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | 243 | |
| 61 1551 0062 | | sRF A4/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | 239 | |
| 61 1551 0074 | | sRF A4/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | 335 | |
| 61 1551 0076 | | sRF A4/ 1x3" M (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | 335 | |

| Figura Figure Abbildung Figure | Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix |
|---|---|---------------------------------------|---|---------|-----|-----|-----|-----|---|---|--|----------------------------------|
|  | 2 Cavi Kabel | 61 1551 0206 | sRF A4/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1551 0207 | sRF A4/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1551 0208 | sRF A4/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1551 0209 | sRF A4/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1551 0210 | sRF A4/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1551 0211 | sRF A4/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 103 | |
| | | 61 1551 2012 | sRF A4/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 103 | |
| | | 61 1551 0213 | sRF A4/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 100 | |
| | | 61 1551 0214 | sRF A4/ 2x1/2" S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 105 | |
| | | 61 1551 0238 | sRF A4/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 100 | |
| | | 61 1551 0212 | sRF A4/ 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 99 | |
| | | 61 1551 0258 | sRF A4/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 209 | |
| | | 61 1551 0227 | sRF A4/ 2x7/8" S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 169 | |
| | | 61 1551 0278 | sRF A4/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 169 | |
| | | 61 1551 2178 | sRF A4/ 2x7/8" M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 159 | |
| | | 61 1551 2118 | sRF A4/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 265 | |
| | | 61 1551 2114 | sRF A4/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 252 | |
|  | 2 Cables Câbles | 61 1551 2158 | sRF A4/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 361 | |
| | | 61 1551 2214 | sRF A4/ 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 431 | |
| | | 61 1551 0262 | sRF A4/ 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | 412 | |
|  | 3 Cavi Kabel | 61 1551 0306 | sRF A4/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1551 0307 | sRF A4/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1551 0308 | sRF A4/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1551 0309 | sRF A4/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1551 0310 | sRF A4/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1551 0311 | sRF A4/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 137 | |
| | | 61 1551 3012 | sRF A4/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 137 | |
| | | 61 1551 0313 | sRF A4/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 130 | |
| | | 61 1551 0314 | sRF A4/ 3x1/2" S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 140 | |
| | | 61 1551 0338 | sRF A4/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 131 | |
| | | 61 1551 0312 | sRF A4/ 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 130 | |
| | | 61 1551 0358 | sRF A4/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 276 | |
| | | 61 1551 0327 | sRF A4/ 3x7/8" S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 231 | |
| | | 61 1551 0378 | sRF A4/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 231 | |
| | | 61 1551 3178 | sRF A4/ 3x7/8" M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 219 | |
| | | 61 1551 3118 | sRF A4/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 363 | |
| | | 61 1551 3114 | sRF A4/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 345 | |
| 61 1551 3158 | sRF A4/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 487 | | | |
|  | 4 Cavi Kabel | 61 1551 1411 | sRF A4/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 173 | |
| | | 61 1551 1412 | sRF A4/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 166 | |
| | | 61 1551 1478 | sRF A4/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 293 | |
|  | 5 Cavi Kabel | 61 1551 0511 | sRF A4/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 209 | |
| | | 61 1551 0512 | sRF A4/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 202 | |
| | | 61 1551 0578 | sRF A4/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 355 | |
|  | 4 Cavi Kabel | 61 1551 0406 | sRF A4/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1551 0408 | sRF A4/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1551 0409 | sRF A4/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1551 0411 | sRF A4/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 114 | |
| | | 61 1551 0412 | sRF A4/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 184 | |
| | | 61 1551 0478 | sRF A4/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 286 | |
|  | 6 Cavi Kabel | 61 1551 0611 | sRF A4/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 160 | |
| | | 61 1551 0612 | sRF A4/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 230 | |
| | | 61 1551 0678 | sRF A4/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 335 | |
|  | 8 Cavi Kabel | 61 1551 0806 | sRF A4/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1551 0808 | sRF A4/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1551 0809 | sRF A4/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1551 0811 | sRF A4/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 205 | |
| | | 61 1551 0812 | sRF A4/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 275 | |
| | | 61 1551 0878 | sRF A4/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 375 | |
|  | 12 Cavi Kabel | 61 1551 1211 | sRF A4/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 305 | |
| | | 61 1551 1212 | sRF A4/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 421 | |

1

sRF A5 - Fissacavi autobloccanti
Completi di selle calibrate

per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio ad angolare 50x50 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtable (brev.)



sRF A5 - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für Winkeleisen 50x50 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF A5 - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on 50x50 mm angular

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

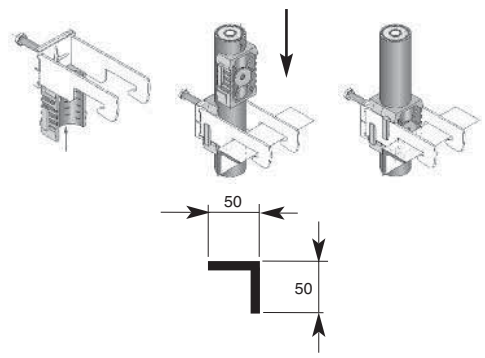
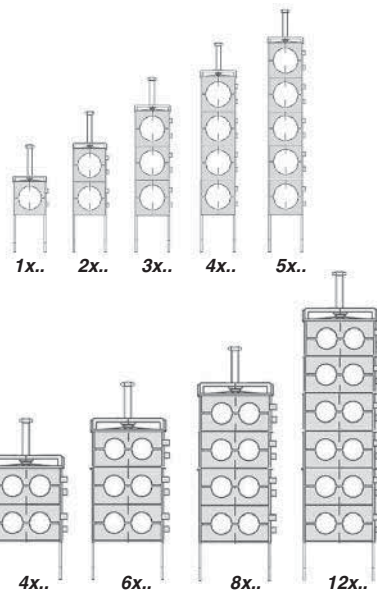
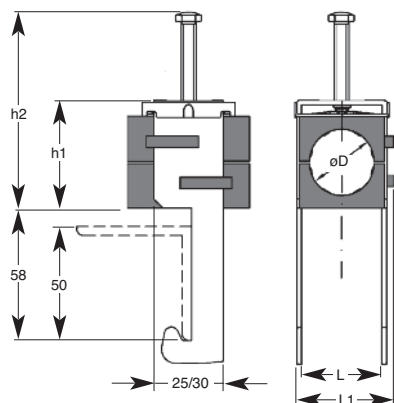
sRF A5 - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur cornière 50x50 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)






| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|--|--|-----|----------------------------------|
| | 61 1550 0006 | sRF A5/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | | | 62 | |
| | 61 1550 0007 | sRF A5/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | | | 62 | |
| | 61 1550 0008 | sRF A5/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | | | 62 | |
| | 61 1550 0009 | sRF A5/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | | | 60 | |
| | 61 1550 0010 | sRF A5/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | | | 58 | |
| | 61 1550 0011 | sRF A5/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | | | 90 | |
| | 61 1550 1012 | sRF A5/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | | | 90 | |
| | 61 1550 0013 | sRF A5/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | | | 90 | |
| | 61 1550 0014 | sRF A5/ 1x1/2"S (14) | 13 - 14 | 22 | 28 | 34 | 63 | | | 88 | |
| | 61 1550 0038 | sRF A5/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | | | 86 | |
| | 61 1550 0012 | sRF A5/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | | | 84 | |
| | 61 1550 0058 | sRF A5/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | | | 140 | |
| | 61 1550 0027 | sRF A5/ 1x7/8"S (27) | 26 - 27 | 34 | 41 | 46 | 74 | | | 138 | |
| | 61 1550 0078 | sRF A5/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | | | 138 | |
| | 61 1550 1178 | sRF A5/ 1x7/8"M (30) | 29 - 30 | 34 | 41 | 46 | 74 | | | 136 | |
| | 61 1550 0118 | sRF A5/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | | | 190 | |
| | 61 1550 0114 | sRF A5/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | | | 188 | |
| | 61 1550 0158 | sRF A5/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | | | 234 | |
| | 61 1550 1214 | sRF A5/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | | | 243 | |
| | 61 1550 0062 | sRF A5/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | | | 239 | |
| | 61 1550 0074 | sRF A5/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | | | 335 | |
| | 61 1550 0076 | sRF A5/ 1x3"M (76) | 74 - 76 | 80 | 87 | 94 | 127 | | | 335 | |

1 Cavo 1 Kabel



1 Cable 1 Câble

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  |  | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------------------------------|---------|-----|-----|-----|---|---|---|-----|----------------------------------|
| 2 Cavi | 2 Kabel | 61 1550 0206 | sRF A5/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1550 0207 | sRF A5/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1550 0208 | sRF A5/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1550 0209 | sRF A5/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1550 0210 | sRF A5/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 70 | |
| | | 61 1550 0211 | sRF A5/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 103 | |
| | | 61 1550 2012 | sRF A5/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 103 | |
| | | 61 1550 0213 | sRF A5/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 100 | |
| | | 61 1550 0214 | sRF A5/ 2x1/2''S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 105 | |
| | | 61 1550 0238 | sRF A5/ 2x3/8'' (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 100 | |
| | | 61 1550 0212 | sRF A5/ 2x1/2'' (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 99 | |
| | | 61 1550 0258 | sRF A5/ 2x5/8'' (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 209 | |
| | | 61 1550 0227 | sRF A5/ 2x7/8''S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 169 | |
| | | 61 1550 0278 | sRF A5/ 2x7/8'' (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 169 | |
| | | 61 1550 2178 | sRF A5/ 2x7/8''M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 159 | |
| 61 1550 2118 | sRF A5/ 2x1.1/8'' (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 265 | | | |
| 61 1550 2114 | sRF A5/ 2x1.1/4'' (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 252 | | | |
| 2 Cables | 2 Câbles | 61 1550 2158 | sRF A5/ 2x1.5/8'' (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 361 | |
| | | 61 1550 2214 | sRF A5/ 2x2.1/4'' (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 431 | |
| | | 61 1550 0262 | sRF A5/ 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | 412 | |
| 3 Cavi | 3 Kabel | 61 1550 0306 | sRF A5/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1550 0307 | sRF A5/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1550 0308 | sRF A5/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1550 0309 | sRF A5/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1550 0310 | sRF A5/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 75 | |
| | | 61 1550 0311 | sRF A5/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 137 | |
| | | 61 1550 3012 | sRF A5/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 137 | |
| | | 61 1550 0313 | sRF A5/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 130 | |
| | | 61 1550 0314 | sRF A5/ 3x1/2''S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 140 | |
| | | 61 1550 0338 | sRF A5/ 3x3/8'' (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 131 | |
| | | 61 1550 0312 | sRF A5/ 3x1/2'' (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 130 | |
| | | 61 1550 0358 | sRF A5/ 3x5/8'' (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 276 | |
| | | 61 1550 0327 | sRF A5/ 3x7/8''S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 231 | |
| | | 61 1550 0378 | sRF A5/ 3x7/8'' (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 231 | |
| | | 61 1550 3178 | sRF A5/ 3x7/8''M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 219 | |
| | | 61 1550 3118 | sRF A5/ 3x1.1/8'' (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 363 | |
| | | 61 1550 3114 | sRF A5/ 3x1.1/4'' (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 345 | |
| 3 Cables | 3 Câbles | 61 1550 3158 | sRF A5/ 3x1.5/8'' (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 487 | |
| 4 Cavi | 4 Kabel | 61 1550 1411 | sRF A5/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 173 | |
| | | 61 1550 1412 | sRF A5/ 4x1/2'' (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 166 | |
| 4 Cables | 4 Câbles | 61 1550 1478 | sRF A5/ 4x7/8'' (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 293 | |
| 5 Cavi | 5 Kabel | 61 1550 0511 | sRF A5/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 209 | |
| | | 61 1550 0512 | sRF A5/ 5x1/2'' (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 202 | |
| 5 Cables | 5 Câbles | 61 1550 0578 | sRF A5/ 5x7/8'' (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 355 | |
| 4 Cavi | 4 Kabel | 61 1550 0406 | sRF A5/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1550 0408 | sRF A5/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1550 0409 | sRF A5/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | | 61 1550 0411 | sRF A5/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 114 | |
| 4 Cables | 4 Câbles | 61 1550 0412 | sRF A5/ 4x1/2'' (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 184 | |
| | | 61 1550 0478 | sRF A5/ 4x7/8'' (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 286 | |
| 6 Cavi | 6 Kabel | 61 1550 0611 | sRF A5/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 160 | |
| | | 61 1550 0612 | sRF A5/ 6x1/2'' (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 230 | |
| 6 Cables | 6 Câbles | 61 1550 0678 | sRF A5/ 6x7/8'' (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 335 | |
| 8 Cavi | 8 Kabel | 61 1550 0806 | sRF A5/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1550 0808 | sRF A5/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1550 0809 | sRF A5/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 130 | |
| | | 61 1550 0811 | sRF A5/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 205 | |
| | | 61 1550 0812 | sRF A5/ 8x1/2'' (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 275 | |
| 8 Cables | 8 Câbles | 61 1550 0878 | sRF A5/ 8x7/8'' (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 375 | |
| 12 Cavi | 12 Kabel | 61 1550 1211 | sRF A5/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 305 | |
| 12 Cables | 12 Câbles | 61 1550 1212 | sRF A5/ 12x1/2'' (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 421 | |

sRF B - Fissacavi autobloccanti
Completi di selle calibrate

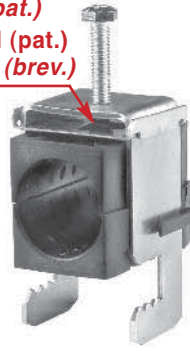
per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio su piatto e tondo 3-12 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



sRF B - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für Flach- und Rundeisen 3-12 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF B - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on flat and round 3-12 mm

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

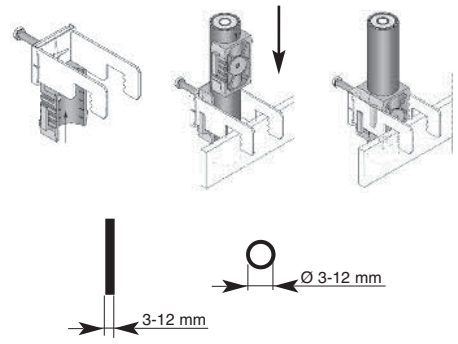
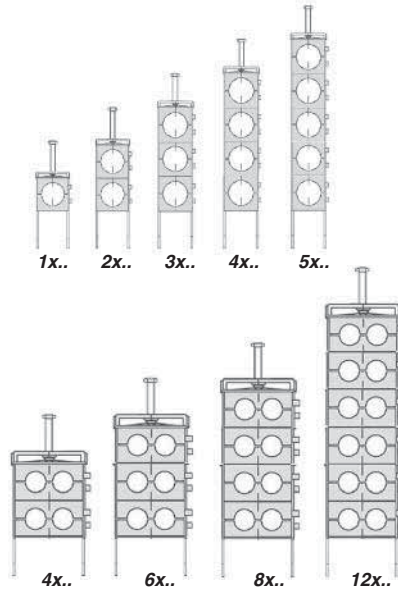
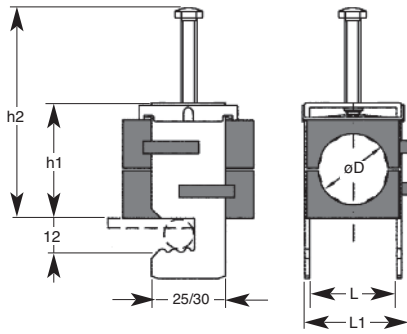
sRF B - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur plat et rond 3-12 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|--|--|-------|----------------------------------|
| | 61 1553 0006 | sRF B/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | | | 48 | |
| | 61 1553 0007 | sRF B/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | | | 48 | |
| | 61 1553 0008 | sRF B/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | | | 48 | |
| | 61 1553 0009 | sRF B/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | | | 48 | |
| | 61 1553 0010 | sRF B/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | | | 48 | |
| | 61 1553 0011 | sRF B/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | | | 80 | |
| | 61 1553 1012 | sRF B/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | | | 80 | |
| 1 Cavo | 61 1553 0013 | sRF B/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | | | 80 | |
| 1 Kabel | 61 1553 0014 | sRF B/ 1x1/2" S (14) | 13 - 14 | 22 | 28 | 34 | 63 | | | 80 | |
| | 61 1553 0038 | sRF B/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | | | 78 | |
| | 61 1553 0012 | sRF B/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | | | 74 | |
| | 61 1553 0058 | sRF B/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | | | 126 | |
| | 61 1553 0027 | sRF B/ 1x7/8" S (27) | 26 - 27 | 34 | 41 | 46 | 74 | | | 124 | |
| | 61 1553 0078 | sRF B/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | | | 124 | |
| 1 Cable | 61 1553 1178 | sRF B/ 1x7/8" M (30) | 29 - 30 | 34 | 41 | 46 | 74 | | | 122 | |
| 1 Câble | 61 1553 0118 | sRF B/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | | | 174 | |
| | 61 1553 0114 | sRF B/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | | | 174 | |
| | 61 1553 0158 | sRF B/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | | | 216 | |
| | 61 1553 1214 | sRF B/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | | | 256 | |
| | 61 1553 0062 | sRF B/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | | | 246 | |
| | 61 1553 0074 | sRF B/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | | | 330 | |
| | 61 1553 0076 | sRF B/ 1x3" M (76) | 74 - 76 | 80 | 87 | 94 | 127 | | | 330 | |








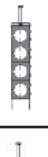

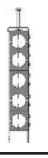

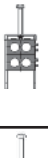






SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

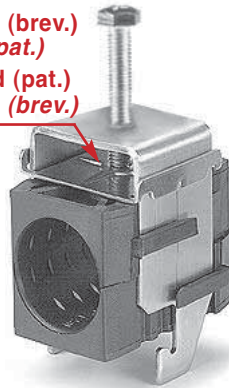
| Figura Figure Abbildung Figure | Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix | | |
|--|---|--|---|--------------|----------------------|---------|-----|-----|---|---|--|----------------------------------|-----|--|
| 2 Cavi  | 2 Kabel | 61 1553 0206 | sRF B/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 70 | | | |
| | | 61 1553 0207 | sRF B/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 70 | | | |
| | | 61 1553 0208 | sRF B/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 70 | | | |
| | | 61 1553 0209 | sRF B/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 70 | | | |
| | | 61 1553 0210 | sRF B/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 70 | | | |
| | | 61 1553 0211 | sRF B/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 103 | | | |
| | | 61 1553 2012 | sRF B/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 103 | | | |
| | | 61 1553 0213 | sRF B/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 100 | | | |
| | | 61 1553 0214 | sRF B/ 2x1/2" S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 105 | | | |
| | | 61 1553 0238 | sRF B/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 100 | | | |
| | | 61 1553 0212 | sRF B/ 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 99 | | | |
| | | 61 1553 0258 | sRF B/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 209 | | | |
| | | 61 1553 0227 | sRF B/ 2x7/8" S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 169 | | | |
| | | 61 1553 0278 | sRF B/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 169 | | | |
| | | 61 1553 2178 | sRF B/ 2x7/8" M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 159 | | | |
| | | 61 1553 2118 | sRF B/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 265 | | | |
| | | 61 1553 2114 | sRF B/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 252 | | | |
| | | 2 Cables  | 2 Câbles | 61 1553 2158 | sRF B/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 361 | |
| | | | | 61 1553 2214 | sRF B/ 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 431 | |
| | | | | 61 1553 0262 | sRF B/ 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | 412 | |
| 3 Cavi  | 3 Kabel | 61 1553 0306 | sRF B/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 75 | | | |
| | | 61 1553 0307 | sRF B/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 75 | | | |
| | | 61 1553 0308 | sRF B/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 75 | | | |
| | | 61 1553 0309 | sRF B/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 75 | | | |
| | | 61 1553 0310 | sRF B/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 75 | | | |
| | | 61 1553 0311 | sRF B/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 137 | | | |
| | | 61 1553 3012 | sRF B/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 137 | | | |
| | | 61 1553 0313 | sRF B/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 130 | | | |
| | | 61 1553 0314 | sRF B/ 3x1/2" S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 140 | | | |
| | | 61 1553 0338 | sRF B/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 131 | | | |
| | | 61 1553 0312 | sRF B/ 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 130 | | | |
| | | 61 1553 0358 | sRF B/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 276 | | | |
| | | 61 1553 0327 | sRF B/ 3x7/8" S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 231 | | | |
| | | 61 1553 0378 | sRF B/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 231 | | | |
| | | 61 1553 3178 | sRF B/ 3x7/8" M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 219 | | | |
| | | 61 1553 3118 | sRF B/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 363 | | | |
| | | 61 1553 3114 | sRF B/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 345 | | | |
| | | 3 Cables  | 3 Câbles | 61 1553 3158 | sRF B/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 487 | |
| | | 4 Cavi  | 4 Kabel | 61 1553 1411 | sRF B/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 173 | |
| | | | | 61 1553 1412 | sRF B/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 166 | |
| 4 Cables  | 4 Câbles | 61 1553 1478 | sRF B/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 293 | | | |
| 5 Cavi  | 5 Kabel | 61 1553 0511 | sRF B/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 209 | | | |
| | | 61 1553 0512 | sRF B/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 202 | | | |
| 5 Cables  | 5 Câbles | 61 1553 0578 | sRF B/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 355 | | | |
| 4 Cavi  | 4 Kabel | 61 1553 0406 | sRF B/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 85 | | | |
| | | 61 1553 0408 | sRF B/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 | | | |
| | | 61 1553 0409 | sRF B/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 | | | |
| | | 61 1553 0411 | sRF B/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 114 | | | |
| 4 Cables  | 4 Câbles | 61 1553 0412 | sRF B/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 184 | | | |
| | | 61 1553 0478 | sRF B/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 286 | | | |
| 6 Cavi  | 6 Kabel | 61 1553 0611 | sRF B/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 160 | | | |
| | | 61 1553 0612 | sRF B/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 230 | | | |
| 6 Cables  | 6 Câbles | 61 1553 0678 | sRF B/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 335 | | | |
| 8 Cavi  | 8 Kabel | 61 1553 0806 | sRF B/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 130 | | | |
| | | 61 1553 0808 | sRF B/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 130 | | | |
| | | 61 1553 0809 | sRF B/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 130 | | | |
| | | 61 1553 0811 | sRF B/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 205 | | | |
| | | 61 1553 0812 | sRF B/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 275 | | | |
| 8 Cables  | 8 Câbles | 61 1553 0878 | sRF B/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 375 | | | |
| 12 Cavi  | 12 Kabel | 61 1553 1211 | sRF B/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 305 | | | |
| | | 61 1553 1212 | sRF B/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 421 | | | |

1

sRF C - Fissacavi autobloccanti
Completì di selle calibrate

per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



Aggancio su profilo PCI 40x22 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

sRF C - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für C-Profilsschienen 40x22 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF C - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on section 40x22 mm

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

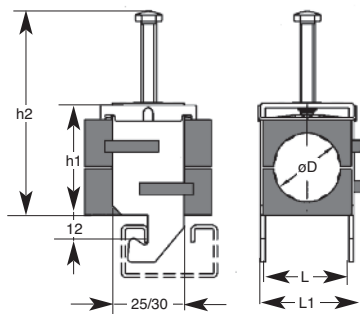
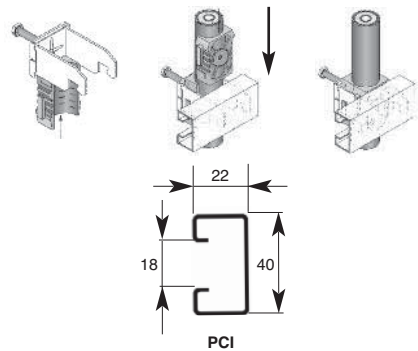
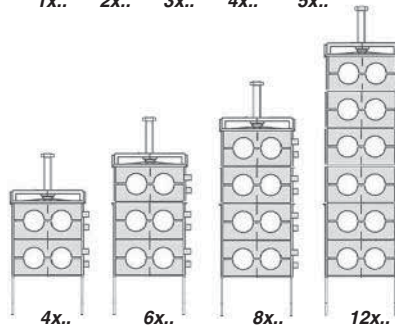
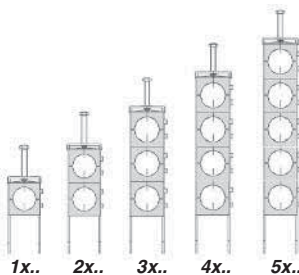
sRF C - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur profile 40x22 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|----|--|-----|----------------------------------|
| | 61 1554 0006 | sRF C/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1554 0007 | sRF C/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1554 0008 | sRF C/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1554 0009 | sRF C/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1554 0010 | sRF C/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1554 0011 | sRF C/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1554 1012 | sRF C/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1554 0013 | sRF C/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1554 0014 | sRF C/ 1x1/2" S (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1554 0038 | sRF C/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | 74 | |
| | 61 1554 0012 | sRF C/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | 70 | |
| | 61 1554 0058 | sRF C/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | 120 | |
| | 61 1554 0027 | sRF C/ 1x7/8" S (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | 118 | |
| | 61 1554 0078 | sRF C/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | 118 | |
| | 61 1554 1178 | sRF C/ 1x7/8" M (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | 116 | |
| | 61 1554 0118 | sRF C/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | 168 | |
| | 61 1554 0114 | sRF C/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | 168 | |
| | 61 1554 0158 | sRF C/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | 212 | |
| | 61 1554 1214 | sRF C/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | 250 | |
| | 61 1554 0062 | sRF C/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | 240 | |
| | 61 1554 0074 | sRF C/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | 330 | |
| | 61 1554 0076 | sRF C/ 1x3" M (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | 330 | |

1 Cavo 1 Kabel



1 Cable 1 Câble

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------------------|---------|-----|-----|-----|-----|-----|-----|----------------------------------|
| | 2 Cavi Kabel | 61 1554 0206 | sRF C/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 70 |
| | | 61 1554 0207 | sRF C/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 70 |
| | | 61 1554 0208 | sRF C/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 70 |
| | | 61 1554 0209 | sRF C/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 70 |
| | | 61 1554 0210 | sRF C/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 70 |
| | | 61 1554 0211 | sRF C/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 103 |
| | | 61 1554 2012 | sRF C/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 103 |
| | | 61 1554 0213 | sRF C/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 100 |
| | | 61 1554 0214 | sRF C/ 2x1/2"S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 105 |
| | | 61 1554 0238 | sRF C/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 100 |
| | | 61 1554 0212 | sRF C/ 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 99 |
| | | 61 1554 0258 | sRF C/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 209 |
| | | 61 1554 0227 | sRF C/ 2x7/8" (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 169 |
| 61 1554 0278 | sRF C/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 169 | | |
| 61 1554 2178 | sRF C/ 2x7/8"M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 159 | | |
| 61 1554 2118 | sRF C/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 265 | | |
| 61 1554 2114 | sRF C/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 252 | | |
| 2 Cables Câbles | 2 Cables Câbles | 61 1554 2158 | sRF C/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 361 |
| | | 61 1554 2214 | sRF C/ 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 431 |
| 61 1554 0262 | sRF C/ 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | | 412 | |
| | | 61 1554 0306 | sRF C/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | 3 Cavi Kabel | 61 1554 0307 | sRF C/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | 61 1554 0308 | sRF C/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | 61 1554 0309 | sRF C/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | 61 1554 0310 | sRF C/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | 61 1554 0311 | sRF C/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 137 |
| | | 61 1554 3012 | sRF C/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 137 |
| | | 61 1554 0313 | sRF C/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 130 |
| | | 61 1554 0314 | sRF C/ 3x1/2"S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 140 |
| | | 61 1554 0338 | sRF C/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 131 |
| | | 61 1554 0312 | sRF C/ 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 130 |
| | | 61 1554 0358 | sRF C/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 276 |
| | | 61 1554 0327 | sRF C/ 3x7/8" (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 231 |
| | | 61 1554 0378 | sRF C/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 231 |
| 61 1554 3178 | sRF C/ 3x7/8"M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 219 | | |
| 61 1554 3118 | sRF C/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 363 | | |
| 3 Cables Câbles | 3 Cables Câbles | 61 1554 3114 | sRF C/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 345 |
| | | 61 1554 3158 | sRF C/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 487 |
| 4 Cavi Kabel | 4 Cables Câbles | 61 1554 1411 | sRF C/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 173 |
| | | 61 1554 1412 | sRF C/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 166 |
| 4 Cables Câbles | sRF C/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 293 | | |
| 5 Cavi Kabel | 5 Cables Câbles | 61 1554 0511 | sRF C/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 209 |
| | | 61 1554 0512 | sRF C/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 202 |
| 5 Cables Câbles | sRF C/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 355 | | |
| 4 Cavi Kabel | 4 Cables Câbles | 61 1554 0406 | sRF C/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 85 |
| | | 61 1554 0408 | sRF C/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 |
| | | 61 1554 0409 | sRF C/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 |
| | | 61 1554 0411 | sRF C/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 114 |
| 4 Cables Câbles | 4 Cables Câbles | 61 1554 0412 | sRF C/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 184 |
| | | 61 1554 0478 | sRF C/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 286 |
| 6 Cavi Kabel | 6 Cables Câbles | 61 1554 0611 | sRF C/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 160 |
| | | 61 1554 0612 | sRF C/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 230 |
| 6 Cables Câbles | sRF C/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 335 | | |
| 8 Cavi Kabel | 8 Cables Câbles | 61 1554 0806 | sRF C/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 130 |
| | | 61 1554 0808 | sRF C/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 130 |
| | | 61 1554 0809 | sRF C/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 130 |
| | | 61 1554 0811 | sRF C/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 205 |
| 8 Cables Câbles | 8 Cables Câbles | 61 1554 0812 | sRF C/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 275 |
| | | 61 1554 0878 | sRF C/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 375 |
| 12 Cavi Kabel | 12 Cables Câbles | 61 1554 1211 | sRF C/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 305 |
| 12 Cables Câbles | sRF C/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 421 | | |

sRF D - Fissacavi autobloccanti
Completi di selle calibrate

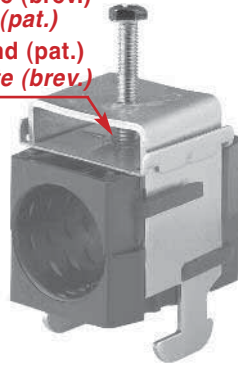
per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio su profilo PSI 30x12 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrê tante (brev.)



sRF D - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für C-Profileschienen PSI 30x12 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF D - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on section PSI 30x12 mm

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

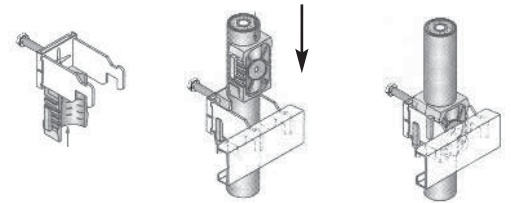
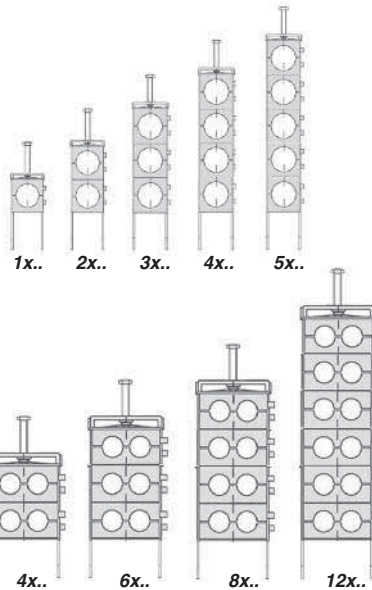
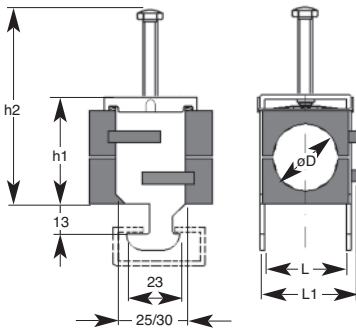
sRF D - Attaches auto-arrê tantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.






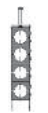





Accrochage sur profile PSI 30x12 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|----|--|-------|----------------------------------|
| | 61 1557 0006 | sRF D/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1557 0007 | sRF D/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1557 0008 | sRF D/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1557 0009 | sRF D/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1557 0010 | sRF D/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | 44 | |
| | 61 1557 0011 | sRF D/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1557 1012 | sRF D/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1557 0013 | sRF D/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1557 0014 | sRF D/ 1x1/2"S (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | 76 | |
| | 61 1557 0038 | sRF D/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | 74 | |
| | 61 1557 0012 | sRF D/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | 70 | |
| | 61 1557 0058 | sRF D/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | 120 | |
| | 61 1557 0027 | sRF D/ 1x7/8"S (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | 118 | |
| | 61 1557 0078 | sRF D/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | 118 | |
| 1 Cavo 1 Kabel | 61 1557 1178 | sRF D/ 1x7/8"M (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | 116 | |
| | 61 1557 0118 | sRF D/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | 168 | |
| | 61 1557 0114 | sRF D/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | 168 | |
| | 61 1557 0158 | sRF D/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | 212 | |
| | 61 1557 1214 | sRF D/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | 250 | |
| | 61 1557 0062 | sRF D/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | 240 | |
| | 61 1557 0074 | sRF D/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | 330 | |
| 1 Cable 1 Câble | 61 1557 0076 | sRF D/ 1x3"M (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | 330 | |

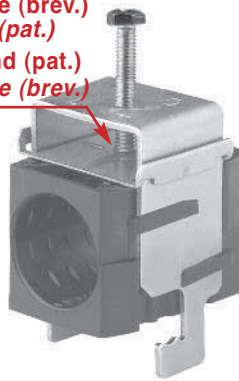
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix | | |
|---|---------------------------------------|--|----------------------|--------------|----------------------|---------|-----|---|---|--|----------------------------------|-----|--|
| 2 Cavi  | 2 Kabel | 61 1557 0206 | sRF D/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | 70 | | | |
| | | 61 1557 0207 | sRF D/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | 70 | | | |
| | | 61 1557 0208 | sRF D/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | 70 | | | |
| | | 61 1557 0209 | sRF D/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | 70 | | | |
| | | 61 1557 0210 | sRF D/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | 70 | | | |
| | | 61 1557 0211 | sRF D/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | 103 | | | |
| | | 61 1557 2012 | sRF D/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | 103 | | | |
| | | 61 1557 0213 | sRF D/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | 100 | | | |
| | | 61 1557 0214 | sRF D/ 2x1/2" S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | 105 | | | |
| | | 61 1557 0238 | sRF D/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | 100 | | | |
| | | 61 1557 0212 | sRF D/ 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | 99 | | | |
| | | 61 1557 0258 | sRF D/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | 209 | | | |
| | | 61 1557 0227 | sRF D/ 2x7/8" S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | 169 | | | |
| | | 61 1557 0278 | sRF D/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | 169 | | | |
| | | 61 1557 2178 | sRF D/ 2x7/8" M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | 159 | | | |
| | | 61 1557 2118 | sRF D/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | 265 | | | |
| | | 61 1557 2114 | sRF D/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | 252 | | | |
| | | 2 Cables | 2 Câbles | 61 1557 2158 | sRF D/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | 361 | |
| | | | | 61 1557 2214 | sRF D/ 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | 431 | |
| 61 1557 0262 | sRF D/ 2x62 | | | 60 - 62 | 70 | 77 | 161 | 191 | 25 | 412 | | | |
| 3 Cavi  | 3 Kabel | 61 1557 0306 | sRF D/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | 75 | | | |
| | | 61 1557 0307 | sRF D/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | 75 | | | |
| | | 61 1557 0308 | sRF D/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | 75 | | | |
| | | 61 1557 0309 | sRF D/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | 75 | | | |
| | | 61 1557 0310 | sRF D/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | 75 | | | |
| | | 61 1557 0311 | sRF D/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | 137 | | | |
| | | 61 1557 3012 | sRF D/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | 137 | | | |
| | | 61 1557 0313 | sRF D/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | 130 | | | |
| | | 61 1557 0314 | sRF D/ 3x1/2" S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | 140 | | | |
| | | 61 1557 0338 | sRF D/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | 131 | | | |
| | | 61 1557 0312 | sRF D/ 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | 130 | | | |
| | | 61 1557 0358 | sRF D/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | 276 | | | |
| | | 61 1557 0327 | sRF D/ 3x7/8" S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | 231 | | | |
| | | 61 1557 0378 | sRF D/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | 231 | | | |
| | | 61 1557 3178 | sRF D/ 3x7/8" M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | 219 | | | |
| | | 61 1557 3118 | sRF D/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | 363 | | | |
| | | 61 1557 3114 | sRF D/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | 345 | | | |
| | | 61 1557 3158 | sRF D/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | 487 | | | |
| | | 4 Cavi  | 4 Kabel | 61 1557 1411 | sRF D/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | 173 | |
| | | | | 61 1557 1412 | sRF D/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | 166 | |
| 4 Cables | 4 Câbles | 61 1557 1478 | sRF D/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | 293 | | | |
| 5 Cavi  | 5 Kabel | 61 1557 0511 | sRF D/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | 209 | | | |
| | | 61 1557 0512 | sRF D/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | 202 | | | |
| 5 Cables | 5 Câbles | 61 1557 0578 | sRF D/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | 355 | | | |
| 4 Cavi  | 4 Kabel | 61 1557 0406 | sRF D/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | 85 | | | |
| | | 61 1557 0408 | sRF D/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | 85 | | | |
| | | 61 1557 0409 | sRF D/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | 85 | | | |
| | | 61 1557 0411 | sRF D/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | 114 | | | |
| 4 Cables | 4 Câbles | 61 1557 0412 | sRF D/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | 184 | | | |
| | | 61 1557 0478 | sRF D/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | 286 | | | |
| 6 Cavi  | 6 Kabel | 61 1557 0611 | sRF D/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | 160 | | | |
| | | 61 1557 0612 | sRF D/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | 230 | | | |
| 6 Cables | 6 Câbles | 61 1557 0678 | sRF D/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | 335 | | | |
| 8 Cavi  | 8 Kabel | 61 1557 0806 | sRF D/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | 130 | | | |
| | | 61 1557 0808 | sRF D/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | 130 | | | |
| | | 61 1557 0809 | sRF D/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | 130 | | | |
| | | 61 1557 0811 | sRF D/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | 205 | | | |
| | | 61 1557 0812 | sRF D/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | 275 | | | |
| 8 Cables | 8 Câbles | 61 1557 0878 | sRF D/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | 375 | | | |
| 12 Cavi  | 12 Kabel | 61 1557 1211 | sRF D/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | 305 | | | |
| 12 Cables | 12 Câbles | 61 1557 1212 | sRF D/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | 421 | | | |



sRF E - Fissacavi autobloccanti
Completì di selle calibrate

per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



Aggancio su: profilo PCI 40x22
piatto e tondo 3-12 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

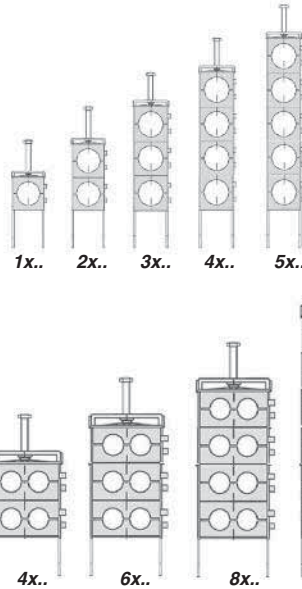
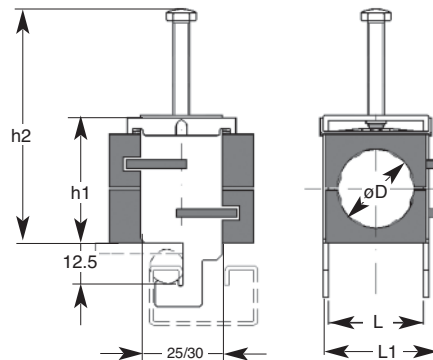
sRF E - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on: section 40x22
flat and round 3-12 mm

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).



sRF E - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für: C- Profilschienen 40x22
Flach- und Rundeisen 3-12 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

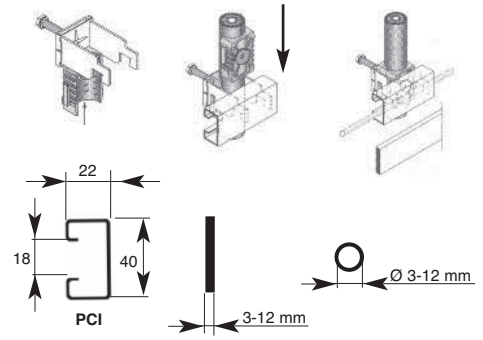
sRF E - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur: profilé 40x22
plat et rond 3-12 mm










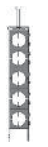







Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|----|--|--|-----|----------------------------------|
| | 61 1558 0006 | sRF E/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | | 44 | |
| | 61 1558 0007 | sRF E/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | | 44 | |
| | 61 1558 0008 | sRF E/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | | 44 | |
| | 61 1558 0009 | sRF E/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | | 44 | |
| | 61 1558 0010 | sRF E/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | | 44 | |
| | 61 1558 0011 | sRF E/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | | 76 | |
| | 61 1558 1012 | sRF E/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | | 76 | |
| | 61 1558 0013 | sRF E/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | | 76 | |
| | 61 1558 0014 | sRF E/ 1x1/2" (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | | 76 | |
| | 61 1558 0038 | sRF E/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | | 74 | |
| | 61 1558 0012 | sRF E/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | | 70 | |
| | 61 1558 0058 | sRF E/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | | 120 | |
| | 61 1558 0027 | sRF E/ 1x7/8" (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | | 118 | |
| | 61 1558 0078 | sRF E/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | | 118 | |
| | 61 1558 1178 | sRF E/ 1x7/8" (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | | 116 | |
| | 61 1558 0118 | sRF E/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | | 168 | |
| | 61 1558 0114 | sRF E/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | | 168 | |
| | 61 1558 0158 | sRF E/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | | 212 | |
| | 61 1558 1214 | sRF E/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | | 250 | |
| | 61 1558 0062 | sRF E/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | | 240 | |
| | 61 1558 0074 | sRF E/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | | 330 | |
| | 61 1558 0076 | sRF E/ 1x3" (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | | 330 | |



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix | | |
|---|---------------------------------------|---|-----------------------|--------------|----------------------|---------|-----|---|---|--|----------------------------------|--|-----|
|  | 2 Cavi Kabel | 61 1558 0206 | sRF E/ 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 70 | | |
| | | 61 1558 0207 | sRF E/ 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 70 | | |
| | | 61 1558 0208 | sRF E/ 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 70 | | |
| | | 61 1558 0209 | sRF E/ 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 70 | | |
| | | 61 1558 0210 | sRF E/ 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 70 | | |
| | | 61 1558 0211 | sRF E/ 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 103 | | |
| | | 61 1558 2012 | sRF E/ 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 103 | | |
| | | 61 1558 0213 | sRF E/ 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 100 | | |
| | | 61 1558 0214 | sRF E/ 2x1.2"S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 105 | | |
| | | 61 1558 0238 | sRF E/ 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 100 | | |
| | | 61 1558 0212 | sRF E/ 2x1.2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 99 | | |
| | | 61 1558 0258 | sRF E/ 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 209 | | |
| | | 61 1558 0227 | sRF E/ 2x7/8"S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 169 | | |
| | | 61 1558 0278 | sRF E/ 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 169 | | |
| | | 61 1558 2178 | sRF E/ 2x7/8"M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 159 | | |
| | |  | 2 Cables Câbles | 61 1558 2118 | sRF E/ 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 265 |
| | | | | 61 1558 2114 | sRF E/ 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 252 |
| | | | | 61 1558 2158 | sRF E/ 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 361 |
| 61 1558 2214 | sRF E/ 2x2.1/4" (60) | | | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 431 | | |
| 61 1558 0262 | sRF E/ 2x62 | | | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | 412 | | |
|  | 3 Cavi Kabel | | | 61 1558 0306 | sRF E/ 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | | | 61 1558 0307 | sRF E/ 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | | | 61 1558 0308 | sRF E/ 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 75 |
| | | 61 1558 0309 | sRF E/ 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 75 | | |
| | | 61 1558 0310 | sRF E/ 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 75 | | |
| | | 61 1558 0311 | sRF E/ 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 137 | | |
| | | 61 1558 3012 | sRF E/ 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 137 | | |
| | | 61 1558 0313 | sRF E/ 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 130 | | |
| | | 61 1558 0314 | sRF E/ 3x1.2"S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 140 | | |
| | | 61 1558 0338 | sRF E/ 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 131 | | |
| | | 61 1558 0312 | sRF E/ 3x1.2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 130 | | |
| | | 61 1558 0358 | sRF E/ 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 276 | | |
| | | 61 1558 0327 | sRF E/ 3x7/8"S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 231 | | |
| | | 61 1558 0378 | sRF E/ 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 231 | | |
| | | 61 1558 3178 | sRF E/ 3x7/8"M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 219 | | |
| | | 61 1558 3118 | sRF E/ 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 363 | | |
| | |  | 3 Cables Câbles | 61 1558 3114 | sRF E/ 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 345 |
| | | | | 61 1558 3158 | sRF E/ 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 487 |
|  | 4 Cavi Kabel | 61 1558 1411 | sRF E/ 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 173 | | |
| | | 61 1558 1412 | sRF E/ 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 166 | | |
|  | 4 Cables Câbles | 61 1558 1478 | sRF E/ 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 293 | | |
|  | 5 Cavi Kabel | 61 1558 0511 | sRF E/ 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 209 | | |
| | | 61 1558 0512 | sRF E/ 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 202 | | |
| | | 61 1558 0578 | sRF E/ 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 355 | | |
|  | 4 Cavi Kabel | 61 1558 0406 | sRF E/ 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 85 | | |
| | | 61 1558 0408 | sRF E/ 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 | | |
| | | 61 1558 0409 | sRF E/ 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 | | |
| | | 61 1558 0411 | sRF E/ 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 114 | | |
| | | 61 1558 0412 | sRF E/ 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 184 | | |
|  | 4 Cables Câbles | 61 1558 0478 | sRF E/ 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 286 | | |
|  | 6 Cavi Kabel | 61 1558 0611 | sRF E/ 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 160 | | |
| | | 61 1558 0612 | sRF E/ 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 230 | | |
| | | 61 1558 0678 | sRF E/ 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 335 | | |
|  | 8 Cavi Kabel | 61 1558 0806 | sRF E/ 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 130 | | |
| | | 61 1558 0808 | sRF E/ 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 130 | | |
| | | 61 1558 0809 | sRF E/ 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 130 | | |
| | | 61 1558 0811 | sRF E/ 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 205 | | |
| | | 61 1558 0812 | sRF E/ 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 275 | | |
|  | 8 Cables Câbles | 61 1558 0878 | sRF E/ 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 375 | | |
|  | 12 Cavi Kabel | 61 1558 1211 | sRF E/ 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 305 | | |
| | | 61 1558 1212 | sRF E/ 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 421 | | |
|  | 12 Cables Câbles | | | | | | | | | | | | |

sRF M - Fissacavi autobloccanti
Completì di selle calibrate

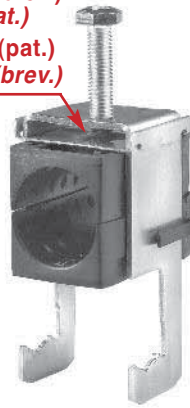
per 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 cavi coassiali sRF.
Con l'impiego di guarnizioni elastiche
GRE-GRR-GRQ permettono il fissaggio di
guide d'onda.

Aggancio a tondo ø 8-25 e piatto 3-25 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta)

Autobloccante (brev.)
Self-locking (pat.)
Selbstsichernd (pat.)
Auto-arrêtante (brev.)



sRF M - Selbstsichernde Kabelschellen
Komplett mit kalibrierten Wannen

für 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 sRF Koaxialkabel.
Können im Zusammenhang mit den elastischen
Klemmprofilen **GRE-GRR-GRQ** auch für Wellenleiter
eingesetzt werden.

Für Rundstahl ø 8-25 und Flachstahl 3-25 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage)

sRF M - Self-Locking Cable Clamps
complete with Calibrated Saddles

or 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 coaxial sRF cables.
With use of **GRE-GRR-GRQ** elastic cushions
allow fastening of waveguides.

Hooking on round ø 8-25 and flat 3-25 mm

Materials:

Metal parts: Stainless steel
Saddle: Fiberglass P.A., U.V. resistant.
Colour: black (grey on request).

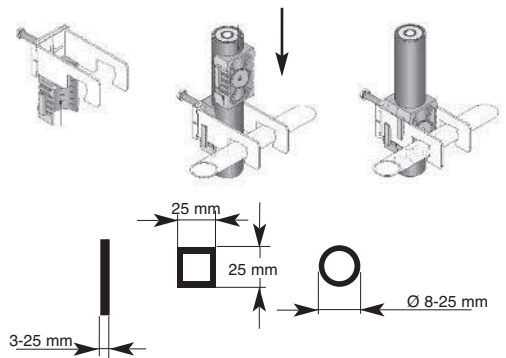
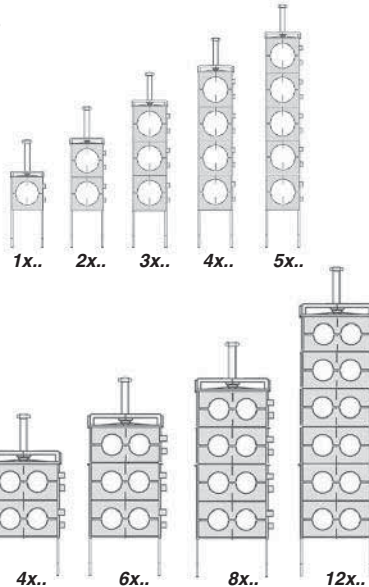
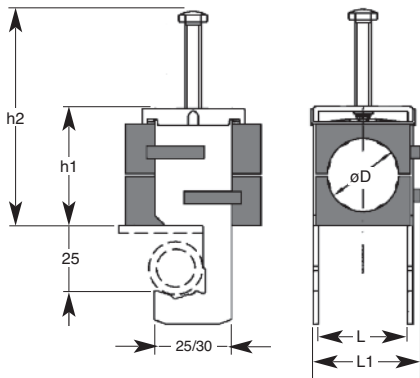
sRF M - Attaches auto-arrêtantes
avec garnitures calibrées

pour 1/ 2/ 3/ 4/ 5/ 6/ 8/ 12 câbles coaxiaux sRF.
Elles peuvent être utilisées avec les garnitures élasti-
ques **GRE-GRR-GRQ** pour la fixation de guides d'onde.

Accrochage sur rond ø 8-25 et plat 3-25 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|-----|----|--|--|-----|----------------------------------|
| | 61 1556 0006 | sRF M/ 1x6 | 5 - 6 | 12 | 17 | 20 | 51 | 50 | | | 45 | |
| | 61 1556 0007 | sRF M/ 1x7 | 6 - 7 | 12 | 17 | 20 | 51 | 50 | | | 45 | |
| | 61 1556 0008 | sRF M/ 1x8 | 7 - 8 | 12 | 17 | 20 | 51 | 50 | | | 45 | |
| | 61 1556 0009 | sRF M/ 1x9 | 8 - 9 | 12 | 17 | 20 | 51 | 50 | | | 45 | |
| | 61 1556 0010 | sRF M/ 1x10 | 10 - 11 | 12 | 17 | 20 | 51 | 50 | | | 47 | |
| | 61 1556 0011 | sRF M/ 1x11 | 10 - 11 | 22 | 28 | 34 | 63 | 50 | | | 47 | |
| | 61 1556 1012 | sRF M/ 1x12 | 11 - 12 | 22 | 28 | 34 | 63 | 50 | | | 47 | |
| | 61 1556 0013 | sRF M/ 1x13 | 12 - 13 | 22 | 28 | 34 | 63 | 50 | | | 47 | |
| | 61 1556 0014 | sRF M/ 1x1/2"S (14) | 13 - 14 | 22 | 28 | 34 | 63 | 50 | | | 47 | |
| | 61 1556 0038 | sRF M/ 1x3/8" (16) | 15 - 16 | 22 | 28 | 34 | 63 | 50 | | | 47 | |
| | 61 1556 0012 | sRF M/ 1x1/2" (17) | 16 - 17 | 22 | 28 | 34 | 63 | 50 | | | 68 | |
| | 61 1556 0058 | sRF M/ 1x5/8" (23) | 21 - 23 | 34 | 41 | 46 | 74 | 50 | | | 110 | |
| | 61 1556 0027 | sRF M/ 1x7/8"S (27) | 26 - 27 | 34 | 41 | 46 | 74 | 50 | | | 108 | |
| | 61 1556 0078 | sRF M/ 1x7/8" (28) | 27 - 28 | 34 | 41 | 46 | 74 | 50 | | | 108 | |
| | 61 1556 1178 | sRF M/ 1x7/8"M (30) | 29 - 30 | 34 | 41 | 46 | 74 | 50 | | | 107 | |
| | 61 1556 0118 | sRF M/ 1x1.1/8" (38) | 36 - 38 | 46 | 53 | 58 | 92 | 50 | | | 128 | |
| | 61 1556 0114 | sRF M/ 1x1.1/4" (40) | 39 - 40 | 46 | 53 | 58 | 92 | 50 | | | 153 | |
| | 61 1556 0158 | sRF M/ 1x1.5/8" (52) | 50 - 52 | 58 | 65 | 72 | 105 | 25 | | | 188 | |
| | 61 1556 1214 | sRF M/ 1x2.1/4" (60) | 59 - 60 | 70 | 77 | 83 | 116 | 25 | | | 219 | |
| | 61 1556 0062 | sRF M/ 1x62 | 60 - 62 | 70 | 77 | 83 | 116 | 25 | | | 211 | |
| | 61 1556 0074 | sRF M/ 1x3" (74) | 72 - 74 | 80 | 87 | 94 | 127 | 25 | | | 274 | |
| | 61 1556 0076 | sRF M/ 1x3"M (76) | 74 - 76 | 80 | 87 | 94 | 127 | 25 | | | 274 | |

1 Cavo 1 Kabel



1 Cable 1 Câble





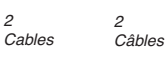
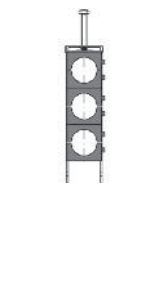
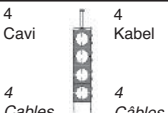
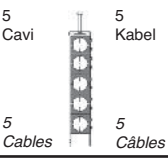
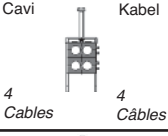
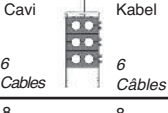
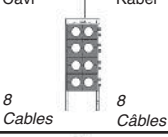
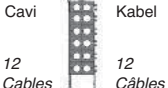
SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | L1 | h1 | h2 |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|-----|-----|-----|---|---|--|----------------------------------|
|  | 61 1556 0206 | sRF M / 2x6 | 5 - 6 | 12 | 17 | 33 | 66 | 50 | | 58 | |
| | 61 1556 0207 | sRF M / 2x7 | 6 - 7 | 12 | 17 | 33 | 66 | 50 | | 58 | |
| | 61 1556 0208 | sRF M / 2x8 | 7 - 8 | 12 | 17 | 33 | 66 | 50 | | 58 | |
| | 61 1556 0209 | sRF M / 2x9 | 8 - 9 | 12 | 17 | 33 | 66 | 50 | | 58 | |
| | 61 1556 0210 | sRF M / 2x10 | 10 - 11 | 12 | 17 | 33 | 66 | 50 | | 56 | |
| | 61 1556 0211 | sRF M / 2x11 | 10 - 11 | 22 | 28 | 63 | 90 | 50 | | 106 | |
| | 61 1556 2012 | sRF M / 2x12 | 11 - 12 | 22 | 28 | 63 | 90 | 50 | | 106 | |
| | 61 1556 0213 | sRF M / 2x13 | 12 - 13 | 22 | 28 | 63 | 90 | 50 | | 106 | |
| | 61 1556 0214 | sRF M / 2x1/2"S (14) | 13 - 14 | 22 | 28 | 63 | 90 | 50 | | 106 | |
| | 61 1556 0238 | sRF M / 2x3/8" (16) | 15 - 16 | 22 | 28 | 63 | 90 | 50 | | 102 | |
| | 61 1556 0212 | sRF M / 2x1/2" (17) | 16 - 17 | 22 | 28 | 63 | 90 | 50 | | 98 | |
| | 61 1556 0258 | sRF M / 2x5/8" (23) | 21 - 23 | 34 | 41 | 87 | 112 | 50 | | 171 | |
| | 61 1556 0227 | sRF M / 2x7/8"S (27) | 26 - 27 | 34 | 41 | 87 | 112 | 50 | | 166 | |
| | 61 1556 0278 | sRF M / 2x7/8" (28) | 27 - 28 | 34 | 41 | 87 | 112 | 50 | | 166 | |
| | 61 1556 2178 | sRF M / 2x7/8"M (30) | 29 - 30 | 34 | 41 | 87 | 112 | 50 | | 165 | |
| 61 1556 2118 | sRF M / 2x1.1/8" (38) | 36 - 38 | 46 | 53 | 111 | 143 | 50 | | 238 | | |
| 61 1556 2114 | sRF M / 2x1.1/4" (40) | 39 - 40 | 46 | 53 | 111 | 143 | 50 | | 238 | | |
|  | 61 1556 2158 | sRF M / 2x1.5/8" (52) | 50 - 52 | 58 | 65 | 137 | 169 | 25 | | 211 | |
| | 61 1556 2214 | sRF M / 2x2.1/4" (60) | 59 - 60 | 70 | 77 | 161 | 191 | 25 | | 352 | |
| | 61 1556 0262 | sRF M / 2x62 | 60 - 62 | 70 | 77 | 161 | 191 | 25 | | 337 | |
|  | 61 1556 0306 | sRF M / 3x6 | 5 - 6 | 12 | 17 | 49 | 81 | 50 | | 72 | |
| | 61 1556 0307 | sRF M / 3x7 | 6 - 7 | 12 | 17 | 49 | 81 | 50 | | 72 | |
| | 61 1556 0308 | sRF M / 3x8 | 7 - 8 | 12 | 17 | 49 | 81 | 50 | | 72 | |
| | 61 1556 0309 | sRF M / 3x9 | 8 - 9 | 12 | 17 | 49 | 81 | 50 | | 72 | |
| | 61 1556 0310 | sRF M / 3x10 | 10 - 11 | 12 | 17 | 49 | 81 | 50 | | 72 | |
| | 61 1556 0311 | sRF M / 3x11 | 10 - 11 | 22 | 28 | 91 | 117 | 50 | | 141 | |
| | 61 1556 3012 | sRF M / 3x12 | 11 - 12 | 22 | 28 | 91 | 117 | 50 | | 141 | |
| | 61 1556 0313 | sRF M / 3x13 | 12 - 13 | 22 | 28 | 91 | 117 | 50 | | 139 | |
| | 61 1556 0314 | sRF M / 3x1/2"S (14) | 13 - 14 | 22 | 28 | 91 | 117 | 50 | | 138 | |
| | 61 1556 0338 | sRF M / 3x3/8" (16) | 15 - 16 | 22 | 28 | 91 | 117 | 50 | | 133 | |
| | 61 1556 0312 | sRF M / 3x1/2" (17) | 16 - 17 | 22 | 28 | 91 | 117 | 50 | | 126 | |
| | 61 1556 0358 | sRF M / 3x5/8" (23) | 21 - 23 | 34 | 41 | 128 | 150 | 50 | | 231 | |
| | 61 1556 0327 | sRF M / 3x7/8"S (27) | 26 - 27 | 34 | 41 | 128 | 150 | 50 | | 223 | |
| | 61 1556 0378 | sRF M / 3x7/8" (28) | 27 - 28 | 34 | 41 | 128 | 150 | 50 | | 223 | |
| | 61 1556 3178 | sRF M / 3x7/8"M (30) | 29 - 30 | 34 | 41 | 128 | 150 | 50 | | 217 | |
| 61 1556 3118 | sRF M / 3x1.1/8" (38) | 36 - 38 | 46 | 53 | 165 | 194 | 50 | | 322 | | |
| 61 1556 3114 | sRF M / 3x1.1/4" (40) | 39 - 40 | 46 | 53 | 165 | 194 | 50 | | 322 | | |
| 61 1556 3158 | sRF M / 3x1.5/8" (52) | 50 - 52 | 58 | 65 | 202 | 233 | 25 | | 403 | | |
|  | 61 1556 1411 | sRF M / 4x11 | 10 - 11 | 22 | 28 | 118 | 144 | 25 | | 162 | |
| | 61 1556 1412 | sRF M / 4x1/2" (17) | 16 - 17 | 22 | 28 | 118 | 144 | 25 | | 156 | |
| | 61 1556 1478 | sRF M / 4x7/8" (28) | 27 - 28 | 34 | 41 | 166 | 188 | 25 | | 256 | |
|  | 61 1556 0511 | sRF M / 5x11 | 10 - 11 | 22 | 28 | 145 | 171 | 50 | | 186 | |
| | 61 1556 0512 | sRF M / 5x1/2" (17) | 16 - 17 | 22 | 28 | 145 | 171 | 50 | | 182 | |
| | 61 1556 0578 | sRF M / 5x7/8" (28) | 27 - 28 | 34 | 41 | 204 | 226 | 50 | | 294 | |
|  | 61 1556 0406 | sRF M / 4x6 | 5 - 6 | 22 | 28 | 34 | 64 | 50 | | 84 | |
| | 61 1556 0408 | sRF M / 4x8 | 7 - 8 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | 61 1556 0409 | sRF M / 4x9 | 8 - 9 | 22 | 28 | 34 | 64 | 50 | | 85 | |
| | 61 1556 0411 | sRF M / 4x11 | 10 - 11 | 34 | 41 | 46 | 76 | 50 | | 118 | |
| | 61 1556 0412 | sRF M / 4x1/2" (17) | 16 - 17 | 46 | 53 | 58 | 93 | 50 | | 160 | |
| 61 1556 0478 | sRF M / 4x7/8" (28) | 27 - 28 | 70 | 77 | 83 | 117 | 25 | | 240 | | |
|  | 61 1556 0611 | sRF M / 6x11 | 10 - 11 | 34 | 41 | 67 | 92 | 50 | | 136 | |
| | 61 1556 0612 | sRF M / 6x1/2" (17) | 16 - 17 | 46 | 53 | 85 | 117 | 50 | | 185 | |
| | 61 1556 0678 | sRF M / 6x7/8" (28) | 27 - 28 | 70 | 77 | 123 | 153 | 25 | | 276 | |
|  | 61 1556 0806 | sRF M / 8x6 | 5 - 6 | 22 | 28 | 63 | 90 | 50 | | 108 | |
| | 61 1556 0808 | sRF M / 8x8 | 7 - 8 | 22 | 28 | 63 | 90 | 50 | | 108 | |
| | 61 1556 0809 | sRF M / 8x9 | 8 - 9 | 22 | 28 | 63 | 90 | 50 | | 108 | |
| | 61 1556 0811 | sRF M / 8x11 | 10 - 11 | 34 | 41 | 87 | 112 | 50 | | 171 | |
| | 61 1556 0812 | sRF M / 8x1/2" (17) | 16 - 17 | 46 | 53 | 111 | 143 | 50 | | 245 | |
| 61 1556 0878 | sRF M / 8x7/8" (28) | 27 - 28 | 70 | 77 | 161 | 191 | 25 | | 324 | | |
|  | 61 1556 1211 | sRF M / 12x11 | 10 - 11 | 34 | 41 | 163 | 188 | 50 | | 240 | |
| | 61 1556 1212 | sRF M / 12x1/2" (17) | 16 - 17 | 46 | 53 | 213 | 245 | 50 | | 352 | |



DAS - Bi-selle calibrate con cerniera flessibile

Sella calibrata sui diametri dei cavi coassiali, incernierata, con chiusura a scatto che consente l'applicazione anticaduta sul cavo stesso.
La sella resta libera di scorrere sul cavo per essere infilata lateralmente nel cavallotto del morsetto **mRF**.

Materiale:

P.A. 6 - resistente ai raggi U.V. (-30°C ÷ +120°C)
Colore: nero (grigio a richiesta).

DAS - Calibrated Double Saddles with flexible hinge

The two hinged half saddles are calibrated on the diameter of coaxial cables. Its closure system allows a provisional locking onto the cable, allowing to slip and being introduced laterally inside the bow of the **mRF** cable clamp

Material:

P.A. 6 - U.V. proof (-30°C ÷ +120°C)
Colour: black (grey on request).

new !!



DAS - Kalibrierte Doppelwannen mit Schnappverschluss

Die durch Laschen verbundenen zwei Halbwannen, werden um das Koaxialkabel gelegt und durch Schnappverschluss eingerastet. Das entstandene unverlierbare Wannenmodul umschließt das Kabel vollständig, gleitet frei und kann problemlos und schnell in die **mRF** Minischelle eingeschoben werden.

Material:

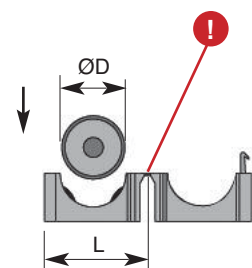
P.A. 6 - U.V. beständig (-30°C ÷ +120°C)
Farbe: schwarz (grau auf Anfrage).

DAS - Garnitures doubles calibrées avec charnière flexible

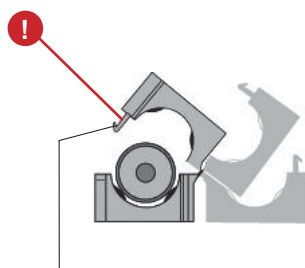
Les garnitures sont calibrées sur les diamètres des câbles coaxiaux. Une fermeture à déclenchement permet d'appliquer les garnitures directement sur le câble sans que celles-ci ne tombent. La garniture est libre de glisser sur le câble pour être introduite latéralement dans l'étrier des fixations **mRF**.

Matériel:

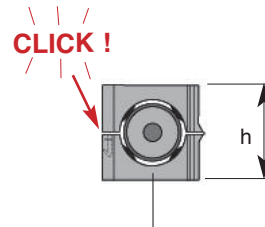
P.A. 6 - résistant aux rayons U.V. (-30°C ÷ +120°C)
Couleur: noir (gris sur demande).



Selle con cerniera flessibile
Saddles with flexible hinge
Wannen mit Scharniergelenk
Garnitures avec charnière flexible



Ganci per pre-fissaggio
Pre-fixing hooks
Vorbefestigung durch Haken
Crochet pour pré-fixations



Sella chiusa sicura sul cavo
Firmly closed saddle onto the cable
Wanne auf Kabel fertig verschlossen
Garniture solidement fermée sur le câble

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | h | L | b | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|----|----|----|-----|-------|----------------------------------|
| | 61 3320 2006 | DAS 6 | 5 - 6 | 16 | 12 | 45 | 25 | 500 | 5 | |
| | 61 3320 2007 | DAS 7 | 6 - 7 | 16 | 12 | 45 | 25 | 500 | 5 | |
| | 61 3320 2008 | DAS 8 | 7 - 8 | 16 | 12 | 45 | 25 | 500 | 4,5 | |
| | 61 3320 2009 | DAS 9 | 8 - 9 | 16 | 12 | 45 | 25 | 500 | 4 | |
| | 61 3320 2010 | DAS 10 | 10 - 11 | 16 | 12 | 45 | 25 | 500 | 4 | |
| | 61 3320 2012 | DAS 1/2" (17) | 16 - 17 | 27 | 12 | 45 | 25 | 500 | 8 | |
| | 61 3320 2078 | DAS 7/8" (28) | 27 - 28 | 38 | 12 | 45 | 25 | 500 | 16 | |

mRF B - Mini fissacavi autobloccanti
Con selle incernierate DAS

Installazione veloce ed agevole, facilitata dalle speciali selle incernierate **DAS**. Le selle, applicate sui cavi, risultano imperdibili; scorrono liberamente sui cavi stessi per essere infilate nel cavallotto.
Il bloccaggio avviene serrando la vite autobloccante.

Aggancio su piatto e tondo 3-12 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. resistente a U.V.- Nero (grigio a richiesta)

new !!



mRF B - Selbstsichernde Mini-Schellen
Mit DAS Klappwannen

Schnelle und leichte Installation dank der **DAS**-Wanne. Die durch Laschen verbundenen Halbwannen werden um das Kabel gelegt und durch Schnappverschluss eingearbeitet. Das entstandene unverlierbare Wannen-modul, umschließt das Kabel vollständig, gleitet frei und wird in den Stahlbügel der Schelle eingeschoben.

Für Flach- und Rundeisen 3-12 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. U.V.- beständig. - Schwarz (grau auf Anfrage)

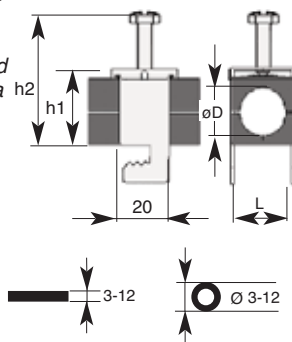
mRF B - Self-Locking Mini Cable Clamps
With hinged DAS Saddles

Speedy and userfull installation due to the special hinged **DAS** saddles. The hinged saddles are applied allowing a h2 provisional locking onto the cables. The saddles slips beeing introduced laterally inside the steel bow. Final locking by tightening the self-locking screw.

Hooking on flat and round 3-12 mm

Materials:

Metal parts: Stainless steel
Saddle: P.A., U.V. resistant.-Black (grey on request)



mRF B - Mini fixations auto-arrétantes
avec garnitures à charnière flexible DAS

Installation facile et rapide. Les garnitures à déclenchement **DAS**, permettent l'application direct sur le câble sans que celles-ci ne tombent. La garniture est libre de glisser sur le câble pour être introduite latéralement dans l'étrier des fixations. Le serrage final s'obtient en serrant la vis auto-arrétante.

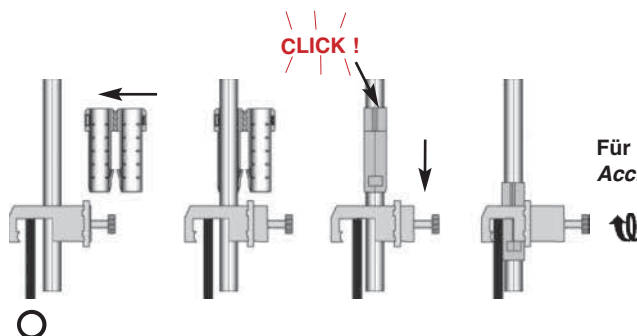
Accrochage sur plat et rond 3-12 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. résistant aux U.V.-Noir (gris sur demande)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | h1 | h2 | | | g | Prezzo Price Preis Preis |
|---|---------------------------------------|---|---------|----|-----|-----|----|--|-----|-----------------------------------|
| 1 Cavo 1 Kabel | 61 1582 0006 | mRF B/ 1x6 | 5 - 6 | 12 | 24 | 42 | 50 | | 28 | |
| | 61 1582 0007 | mRF B/ 1x7 | 6 - 7 | 12 | 24 | 42 | 50 | | 28 | |
| | 61 1582 0008 | mRF B/ 1x8 | 7 - 8 | 12 | 24 | 42 | 50 | | 28 | |
| | 61 1582 0009 | mRF B/ 1x9 | 8 - 9 | 12 | 24 | 42 | 50 | | 25 | |
| | 61 1582 0010 | mRF B/ 1x10 | 10 - 11 | 12 | 24 | 42 | 50 | | 25 | |
| 1 Cable 1 Câble | 61 1582 0012 | mRF B/ 1x1/2" (17) | 16 - 17 | 22 | 34 | 63 | 50 | | 55 | |
| | 61 1582 0078 | mRF B/ 1x7/8" (28) | 27 - 28 | 34 | 46 | 74 | 50 | | 85 | |
| 2 Cavi 2 Kabel | 61 1582 0206 | mRF B/ 2x6 | 5 - 6 | 12 | 39 | 57 | 50 | | 38 | |
| | 61 1582 0207 | mRF B/ 2x7 | 6 - 7 | 12 | 39 | 57 | 50 | | 38 | |
| | 61 1582 0208 | mRF B/ 2x8 | 7 - 8 | 12 | 39 | 57 | 50 | | 38 | |
| | 61 1582 0209 | mRF B/ 2x9 | 8 - 9 | 12 | 39 | 57 | 50 | | 34 | |
| | 61 1582 0210 | mRF B/ 2x10 | 10 - 11 | 12 | 39 | 57 | 50 | | 34 | |
| | 61 1582 0212 | mRF B/ 2x1/2" (17) | 16 - 17 | 22 | 63 | 90 | 50 | | 99 | |
| 2 Cables 2 Câbles | 61 1582 0278 | mRF B/ 2x7/8" (28) | 27 - 28 | 34 | 87 | 112 | 50 | | 169 | |
| | 61 1582 0306 | mRF B/ 3x6 | 5 - 6 | 12 | 55 | 73 | 50 | | 48 | |
| 3 Cavi 3 Kabel | 61 1582 0307 | mRF B/ 3x7 | 6 - 7 | 12 | 55 | 73 | 50 | | 48 | |
| | 61 1582 0308 | mRF B/ 3x8 | 7 - 8 | 12 | 55 | 73 | 50 | | 48 | |
| | 61 1582 0309 | mRF B/ 3x9 | 8 - 9 | 12 | 55 | 73 | 50 | | 42 | |
| | 61 1582 0310 | mRF B/ 3x10 | 10 - 11 | 12 | 55 | 73 | 50 | | 42 | |
| | 61 1582 0312 | mRF B/ 3x1/2" (17) | 16 - 17 | 22 | 91 | 117 | 50 | | 130 | |
| | 61 1582 0378 | mRF B/ 3x7/8" (28) | 27 - 28 | 34 | 128 | 150 | 50 | | 231 | |

Aggancio su piatto e tondo 3-12 mm
Hooking on flat and round 3-12 mm



Für Flach- und Rundeisen 3-12 mm
Accrochage sur plat et rond 3-12 mm

mRF C - Mini fissacavi autobloccanti
Con selle incernierate DAS

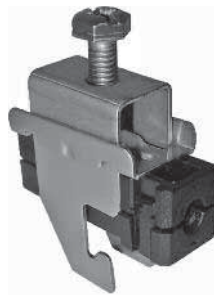
Installazione veloce ed agevole, facilitata dalle speciali selle incernierate **DAS**. Le selle, applicate sui cavi, risultano imperdibili; scorrono liberamente sui cavi stessi per essere infilate nel cavallotto.
Il bloccaggio avviene serrando la vite autobloccante.

Aggancio su profilo PCI 40x22 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. resistente a U.V. - Nero (grigio a richiesta)

new !!



mRF C - Selbstsichernde Mini-Schellen
Mit DAS Klappwannen

Schnelle und leichte Installation dank der **DAS**-Wanne. Die durch Laschen verbundenen Halbwannen werden um das Kabel gelegt und durch Schnappverschluss eingearbeitet. Das entstandene unverlierbare Wannen-modul, umschließt das Kabel vollständig, gleitet frei und wird in den Stahlbügel der Schelle eingeschoben.

Für C-Profilschienen 40x22 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. U.V.- beständig. - Schwarz (grau auf Anfrage)

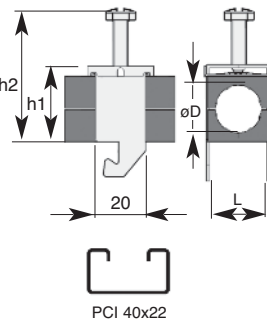
mRF C - Self-Locking Mini Cable Clamps
With hinged DAS Saddles

Speedy and usefull installation due to the special hinged **DAS** saddles. The hinged saddles are applied allowing a provisional locking onto the cables. The saddles slips beeing introduced laterally inside the steel bow. Final locking by tightening the self-locking screw.

Hooking on section 40x22 mm

Materials:

Metal parts: Stainless steel
Saddle: P.A., U.V. resistant.-Black (grey on request)



mRF C - Mini fixations auto-arrêtantes
avec garnitures à charnière flexible DAS

Installation facile et rapide. Les garnitures à déclenchement **DAS**, permettent l'application direct sur le câble sans que celles-ci ne tombent. La garniture est libre de glisser sur le câble pour être introduite latéralement dans l'étrier des fixations. Le serrage final s'obtient en serrant la vis auto-arrêtante.

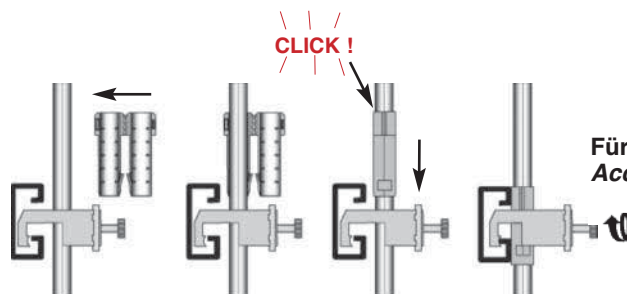
Accrochage sur profilé 40x22 mm

Matériel:

Parties métalliques: Inox
Garniture: P.A. résistant aux U.V.-Noir (gris sur demande)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|-----|-----|--|--|-------|----------------------------------|
| 1 Cavo 1 Kabel | 61 1581 0006 | mRF C/ 1x6 | 5 - 6 | 12 | 24 | 42 | | | 28 | |
| | 61 1581 0007 | mRF C/ 1x7 | 6 - 7 | 12 | 24 | 42 | | | 28 | |
| | 61 1581 0008 | mRF C/ 1x8 | 7 - 8 | 12 | 24 | 42 | | | 28 | |
| | 61 1581 0009 | mRF C/ 1x9 | 8 - 9 | 12 | 24 | 42 | | | 25 | |
| | 61 1581 0010 | mRF C/ 1x10 | 10 - 11 | 12 | 24 | 42 | | | 25 | |
| 1 Cable 1 Câble | 61 1581 0012 | mRF C/ 1x1/2" (17) | 16 - 17 | 22 | 34 | 63 | | | 55 | |
| | 61 1581 0078 | mRF C/ 1x7/8" (28) | 27 - 28 | 34 | 46 | 74 | | | 85 | |
| 2 Cavi 2 Kabel | 61 1581 0206 | mRF C/ 2x6 | 5 - 6 | 12 | 39 | 57 | | | 38 | |
| | 61 1581 0207 | mRF C/ 2x7 | 6 - 7 | 12 | 39 | 57 | | | 38 | |
| | 61 1581 0208 | mRF C/ 2x8 | 7 - 8 | 12 | 39 | 57 | | | 38 | |
| | 61 1581 0209 | mRF C/ 2x9 | 8 - 9 | 12 | 39 | 57 | | | 34 | |
| | 61 1581 0210 | mRF C/ 2x10 | 10 - 11 | 12 | 39 | 57 | | | 34 | |
| 2 Cables 2 Câbles | 61 1581 0212 | mRF C/ 2x1/2" (17) | 16 - 17 | 22 | 63 | 90 | | | 99 | |
| | 61 1581 0278 | mRF C/ 2x7/8" (28) | 27 - 28 | 34 | 87 | 112 | | | 169 | |
| 3 Cavi 3 Kabel | 61 1581 0306 | mRF C/ 3x6 | 5 - 6 | 12 | 55 | 73 | | | 48 | |
| | 61 1581 0307 | mRF C/ 3x7 | 6 - 7 | 12 | 55 | 73 | | | 48 | |
| | 61 1581 0308 | mRF C/ 3x8 | 7 - 8 | 12 | 55 | 73 | | | 48 | |
| | 61 1581 0309 | mRF C/ 3x9 | 8 - 9 | 12 | 55 | 73 | | | 42 | |
| | 61 1581 0310 | mRF C/ 3x10 | 10 - 11 | 12 | 55 | 73 | | | 42 | |
| | 61 1581 0312 | mRF C/ 3x1/2" (17) | 16 - 17 | 22 | 91 | 117 | | | 130 | |
| 3 Cables 3 Câbles | 61 1581 0378 | mRF C/ 3x7/8" (28) | 27 - 28 | 34 | 128 | 150 | | | 231 | |

Aggancio su profilo PCI 40x22
Hooking on section PCI 40x22



Für C Profilschienen 40x22
Accrochage sur profilé PCI 40x22

mRF E - Mini fissacavi autobloccanti
Con selle incernierate DAS

Installazione veloce ed agevole, facilitata dalle speciali selle incernierate **DAS**. Le selle, applicate sui cavi, risultano imperdibili; scorrono liberamente sui cavi stessi per essere infilate nel cavallotto del morsetto. Il bloccaggio avviene serrando la vite autobloccante.

Aggancio su profilo PCI 40x22 mm, PSI 30x12 mm, su piatto e tondo 3-12 mm

Materiali:

Parti metalliche: Acciaio inossidabile
Sella: P.A. resistente a U.V.-Nero (grigio a richiesta)

new !!



mRF E - Selbstsichernde Mini-Schellen
Mit DAS Klappwannen

Schnelle und leichte Installation dank der **DAS**-Wanne. Die durch Laschen verbundenen Halbwannen werden um das Kabel gelegt und durch Schnappverschluss eingerastet. Das entstandene unverlierbare Wannensmodul, umschließt das Kabel vollständig, gleitet frei und wird in den Stahlbügel der Schelle eingeschoben.

Für C-Profilschienen PCI 40x22 mm, PSI 30x12 mm, Flach- und Rundeisen 3-12 mm

Material:

Metallteile: Edel-Stahl
Wanne: P.A. U.V. - beständig.-schwarz (grau auf Anfrage)

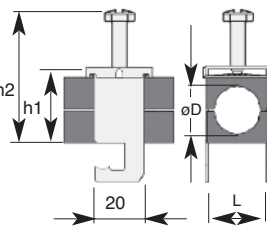
mRF E - Self-Locking Mini Cable Clamps
With hinged DAS Saddles

Speedy and usefull installation due to the special hinged **DAS** saddles. The hinged saddles are applied allowing a provisional locking onto the cables. The saddles slips beeing introduced laterally inside the steel bow. Final locking by tightening the self-locking screw.

Hooking on section PCI 40x22 mm, PSI 30x12 mm, on flat and round 3-12 mm

Materials:

Metal parts: Stainless steel
Saddle: P.A., U.V. resistant-Black (grey on request)



mRF E - Mini fixations auto-arrêtantes
avec garnitures à charnière flexible DAS

Installation facile et rapide. Les garnitures à déclenchement **DAS**, permettent l'application direct sur le câble sans que celles-ci ne tombent. La garniture est libre de glisser sur le câble pour être introduite latéralement dans l'étrier des fixations. Le serrage final s'obtient en serrant la vis auto-arrêtante.

Accrochage sur profile PCI 40x22 mm, PSI 30x12 mm, sur plat et rond 3-12 mm

Matériel:

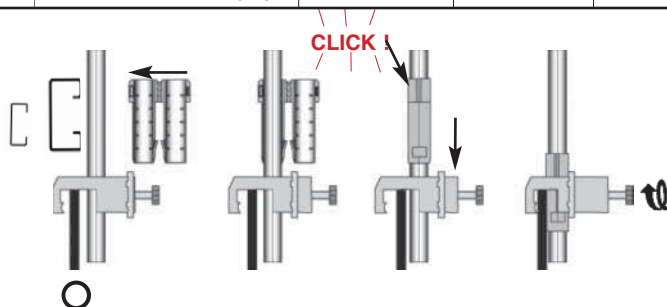
Parties métalliques: Inox
Garniture: P.A. résistant aux U.V.-noir (gris sur demande)



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | h1 | h2 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|-----|-----|--|--|-----|----------------------------------|
| | 61 1549 0006 | mRF E/ 1x6 | 5 - 6 | 12 | 24 | 42 | | | 28 | |
| | 61 1549 0007 | mRF E/ 1x7 | 6 - 7 | 12 | 24 | 42 | | | 28 | |
| | 61 1549 0008 | mRF E/ 1x8 | 7 - 8 | 12 | 24 | 42 | | | 28 | |
| | 61 1549 0009 | mRF E/ 1x9 | 8 - 9 | 12 | 24 | 42 | | | 25 | |
| | 61 1549 0010 | mRF E/ 1x10 | 10 - 11 | 12 | 24 | 42 | | | 25 | |
| | 61 1549 0012 | mRF E/ 1x1/2" (17) | 16 - 17 | 22 | 34 | 63 | | | 55 | |
| 1 Cable 1 Câble | 61 1549 0078 | mRF E/ 1x7/8" (28) | 27 - 28 | 34 | 46 | 74 | | | 85 | |
| | 61 1549 0206 | mRF E/ 2x6 | 5 - 6 | 12 | 39 | 57 | | | 38 | |
| | 61 1549 0207 | mRF E/ 2x7 | 6 - 7 | 12 | 39 | 57 | | | 38 | |
| | 61 1549 0208 | mRF E/ 2x8 | 7 - 8 | 12 | 39 | 57 | | | 38 | |
| | 61 1549 0209 | mRF E/ 2x9 | 8 - 9 | 12 | 39 | 57 | | | 34 | |
| | 61 1549 0210 | mRF E/ 2x10 | 10 - 11 | 12 | 39 | 57 | | | 34 | |
| | 61 1549 0212 | mRF E/ 2x1/2" (17) | 16 - 17 | 22 | 63 | 90 | | | 99 | |
| 2 Cables 2 Câbles | 61 1549 0278 | mRF E/ 2x7/8" (28) | 27 - 28 | 34 | 87 | 112 | | | 169 | |
| | 61 1549 0306 | mRF E/ 3x6 | 5 - 6 | 12 | 55 | 73 | | | 48 | |
| | 61 1549 0307 | mRF E/ 3x7 | 6 - 7 | 12 | 55 | 73 | | | 48 | |
| | 61 1549 0308 | mRF E/ 3x8 | 7 - 8 | 12 | 55 | 73 | | | 48 | |
| | 61 1549 0309 | mRF E/ 3x9 | 8 - 9 | 12 | 55 | 73 | | | 42 | |
| | 61 1549 0310 | mRF E/ 3x10 | 10 - 11 | 12 | 55 | 73 | | | 42 | |
| | 61 1549 0312 | mRF E/ 3x1/2" (17) | 16 - 17 | 22 | 91 | 117 | | | 130 | |
| 3 Cables 3 Câbles | 61 1549 0378 | mRF E/ 3x7/8" (28) | 27 - 28 | 34 | 128 | 150 | | | 231 | |

Aggancio su: PCI 40x22
PSI 30x12
piatto 3-12
tondo ø 3-12

Hooking on: PCI 40x22
PSI 30x12
flat 3-12
round ø 3-12



Für: PCI 40x22
PSI 30x12
Flach 3-12
Rundeisen ø 3-12

Accrochage sur: PCI 40x22
PSI 30x12
plat 3-12
rond ø 3-12

USO-USC-USP-USL

Fissacavi singoli per cavi coassiali

Versioni:

- ① **USO** per piatto forato
- ② **USC** per piatto, tondo e angolare
- ③ **USP** per profilato **PCI 40x22**
- ④ **USL** per passerelle portacavi in filo d'acciaio

Composizione:

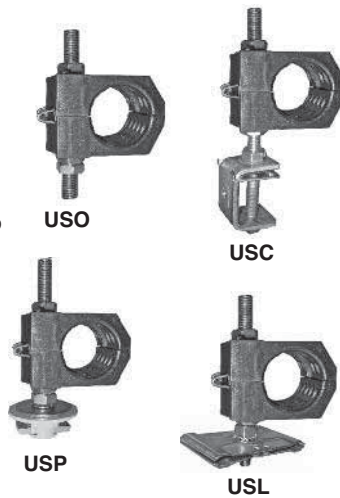
- 1 - Monosella calibrata **SAM** di H.D.P.E. rinforzato vetro
- 2 - Barra filettata - **BFI** M8 (M10 a richiesta)
- 3 - Rondelle piatte **RPI** 10/20
- 4 - Dadi esagonali M8 UNI 5588
- 5 - Cerniera flessibile

Impiego:

Fissaggio 1 - 4 cavi coassiali.
Fissaggio di guide d'onda mediante guarnizioni elastiche **GRE-GRQ**.

Materiale:

Acciaio INOX AISI 304.
H.D.P.E. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta).



USO-USC-USP-USL

Einzel-Schellen für Koaxialkabel

Versionen:

- ① **USO** für gelochtes Flacheisen
- ② **USC** für Flach-, Rund-, Winkeleisen
- ③ **USP** für Profil **PCI 40x22**
- ④ **USL** für Gitterbahnen

Zusammenbau:

- 1 - **SAM** Einzel-Wanne aus glasf. verst. H.D.P.E.
- 2 - Gewindestange - **BFI** M8 (M10 auf Anfrage)
- 3 - Unterlegscheiben **RPI** 10/20
- 4 - M8-Muttern UNI 5588
- 5 - Flexibles Scharniergelenk

Einsatz:

Befestigung von 1 - 4 Koaxialkabeln.
Mittels elastischen Klemmprofilen **GRE-GRQ** auch von Wellenleitern.

Material:

Stahl AISI 304 (V2A).
H.D.P.E. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage).

USO-USC-USP-USL

Single Clamps for Coaxial Cables

Versions:

- ① **USO** for flat iron with holes
- ② **USC** for flat, round and corner
- ③ **USP** for **PCI 40x22** profile
- ④ **USL** for steel wire cable trays

Components:

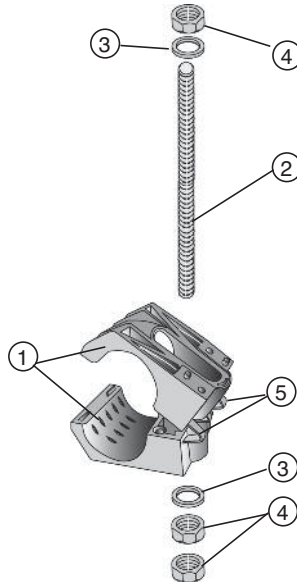
- 1 - **SAM** single Saddle of glass reinf. H.D.P.E.
- 2 - Threaded Bar - **BFI** M8 (M10 on request)
- 3 - **RPI** 10/20 flat Washers
- 4 - Hexagon nuts UNI 5588
- 5 - Flexible Hinge

Use:

Fixing 1 to 4 coaxial cables.
GRE-GRQ elastic cushions allow fastening of waveguides.

Material:

AISI 304 Stainless steel.
Fiberglass reinforced H.D.P.E., U.V. proof.
Colour: black (grey on request).



USO-USC-USP-USL

Fixations simples pour câbles coaxiaux

Versions:

- ① **USO** pour fer plat avec trous
- ② **USC** pour plat, rond et cornière
- ③ **USP** pour profilé **PCI 40x22**
- ④ **USL** pour structures en fil acier

Composants:

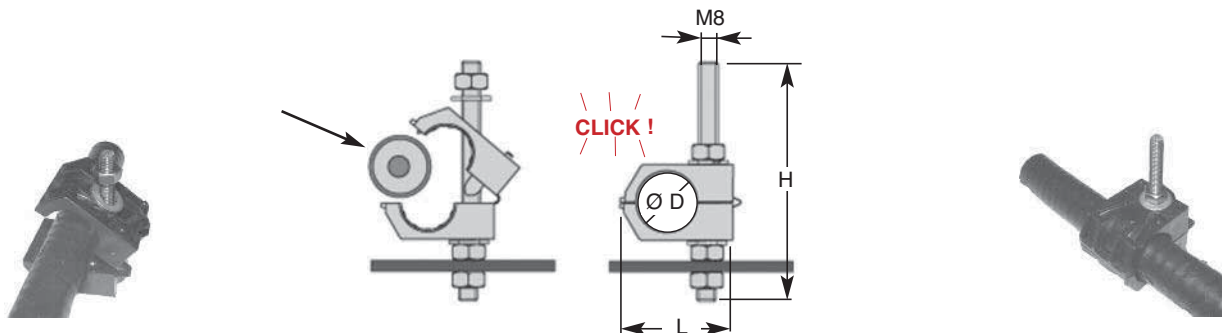
- 1 - Garniture simple **SAM** en H.D.P.E. chargé verre
- 2 - Tige filetée - **BFI** M8 (M10 sur demande)
- 3 - Rondelles plates **RPI** 10/20
- 4 - Ecrous hexagonaux
- 5 - Charnière flexible

Emploi:

Fixation de 1 à 4 câbles coaxiaux.
Fixation de guides d'onde par garnitures **GRE-GRQ**.

Matériel:

Inox AISI 304.
H.D.P.E. chargé verre, résistant aux U.V.
Couleur: noir (gris sur demande).



SAM - Monoselle incernierate (brev.)

Grazie alla dentellatura speciale interna fanno presa sul cavo coassiale senza comprimerlo né deformarlo. La chiusura della sella è calibrata sui diametri dei cavi coassiali. Una cerniera flessibile (brev.) consente l'apertura e la chiusura controllata dei due gusci

Materiale:

H.D.P.E. rinforzato con fibra di vetro.
Resistente ai raggi U.V. (-50°C ÷ +80°C)
Colore: nero (grigio a richiesta).



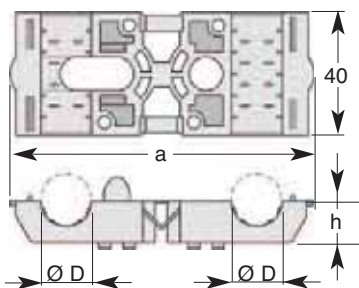
Cerniera flessibile (brev.)
Flexible hinge (Pat.)
Flexibles Scharniergelenk (Pat.)
Charnière flexible (Brev.)

SAM - Hinged Single Saddles (Pat.)

The internal indentation allows gripping on the cable without compressing nor deforming it. The saddle size is calibrated and corresponds to the diameter of the coaxial cables. A flexible hinge (patented) allows a controlled opening and closing of the two shells

Material:

Fiberglass reinforced H.D.P.E.
U.V. proof. (-50°C ÷ +80°C)
Colour: black (grey on request).



SAM - Scharnier Einzel-Wannen (Pat.)

Die Wannen entsprechen dem Standarddurchmesser der RF-Koaxialkabeln die formschlüssig eingebettet werden. Innenangebrachte Noppen haften am Kabelmantel ohne ihn zusammenzudrücken oder zu beschädigen. Ein flexibles Scharniergelenk (Pat.) erleichtert das Zusammenklappen der zwei Halbwannen

Material:

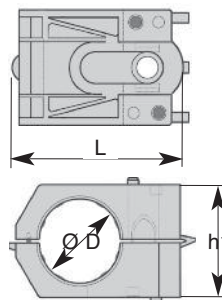
H.D.P.E. glasfaserverstärkt.
U.V. beständig (-50°C ÷ +80°C)
Farbe: schwarz (grau auf Anfrage).

SAM - Garnitures pivotantes sur charnière (brev.)

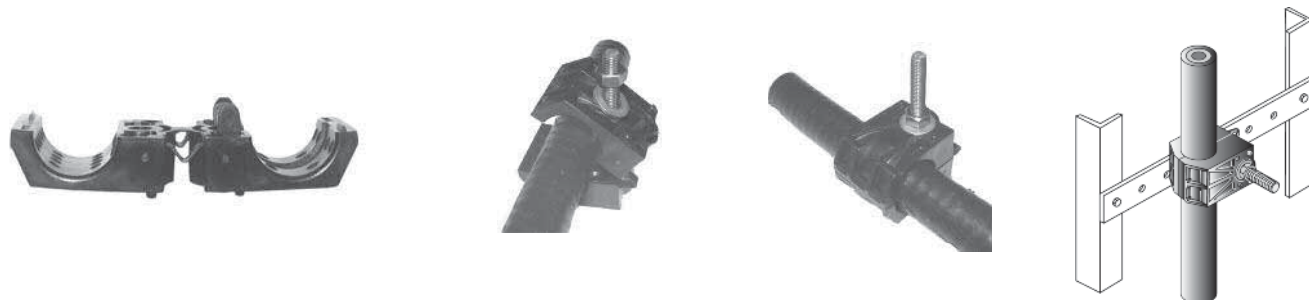
Elles sont calibrées pour le diamètre des câbles coaxiaux. Grâce aux dentelures intérieures elles fixent le câble sans le comprimer ni le déformer. Une charnière flexible (brev.) permet le contrôle de l'ouverture et de la fermeture des deux parties

Matériel:

H.D.P.E. renforcé fibre de verre.
Résistant aux rayons U.V. (-50°C ÷ +80°C)
Couleur: noir (gris sur demande).



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | a | L | Ø D | h | h1 | | | | Prezzo Price Preis Code |
|---|---------------------------------------|---|-----|----|-------|------|----|----|-----|----|----------------------------------|
| | 61 3315 0011 | SAM/ 1x11 | 92 | 44 | 10-11 | 10,5 | 21 | 20 | 500 | 16 | |
| | 61 3315 0014 | SAM/ 1x1/2" S (14) | 103 | 50 | 13-14 | 13,5 | 27 | 20 | 500 | 24 | |
| | 61 3315 0012 | SAM/ 1x1/2" (17) | 103 | 50 | 16-17 | 13,5 | 27 | 20 | 500 | 22 | |
| | 61 3315 0078 | SAM/ 1x7/8 (28) | 122 | 59 | 27-28 | 19 | 38 | 20 | 100 | 32 | |
| | 61 3315 0114 | SAM/ 1x1.1/4" (40) | 145 | 70 | 39-40 | 27 | 54 | 20 | 100 | 50 | |
| | 61 3315 0158 | SAM/ 1x1.5/8" (52) | 165 | 80 | 50-52 | 33 | 66 | 20 | 100 | 60 | |



USO - Fissacavi per piatto forato

Composizione:
Sella **SAM** + perno filettato M8 + dadi + rondelle

USO - Cable Clamps for flat iron with holes

Composition:
SAM Saddle + M8 threaded bar + nuts + washers



USO - Kabelschellen für gelochtes Flacheisen

Zusammenbau:
SAM Wanne + Gewindest. M8 + Muttern + Scheiben

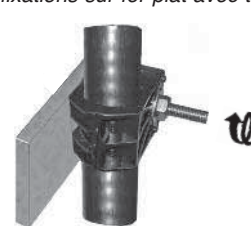
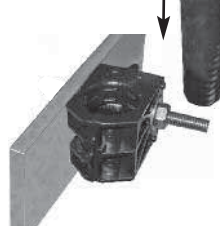
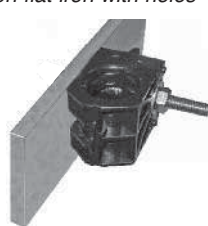
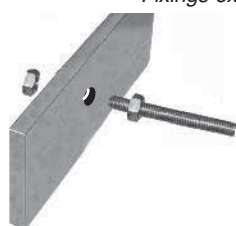
USO - Fixations pour fer plat avec trous

Composition:
Garniture **SAM** + tige fil. M8 + écrous + rondelles

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|----|--|--|--|-----|----------------------------------|
| <p>1 Cavo 1 Kabel</p> <p>USO/1</p> | 61 1571 0011 | USO/ 1x11 | 10-11 | 75 | 21 | 44 | | | | 47 | |
| | 61 1571 0014 | USO/ 1x1/2" S (14) | 13-14 | 75 | 27 | 50 | | | | 50 | |
| | 61 1571 0012 | USO/ 1x1/2" (17) | 16-17 | 75 | 27 | 50 | | | | 50 | |
| | 61 1571 0078 | USO/ 1x7/8" (28) | 27-28 | 100 | 38 | 59 | | | | 77 | |
| | 61 1571 0114 | USO/ 1x1.1/4" (40) | 39-40 | 100 | 54 | 70 | | | | 100 | |
| | 61 1571 0158 | USO/ 1x1.5/8" (52) | 50-52 | 125 | 66 | 80 | | | | 140 | |
| <p>2 Cavi 2 Kabel</p> <p>USO/2</p> | 61 1571 0211 | USO/ 2x11 | 10-11 | 100 | 42 | 44 | | | | 60 | |
| | 61 1571 0214 | USO/ 2x1/2" S (14) | 13-14 | 100 | 54 | 50 | | | | 75 | |
| | 61 1571 0212 | USO/ 2x1/2" (17) | 16-17 | 100 | 54 | 50 | | | | 75 | |
| | 61 1571 0278 | USO/ 2x7/8" (28) | 27-28 | 125 | 76 | 59 | | | | 115 | |
| | 61 1571 2114 | USO/ 2x1.1/4" (40) | 39-40 | 200 | 108 | 70 | | | | 145 | |
| | 61 1571 2158 | USO/ 2x1.5/8" (52) | 50-52 | 200 | 132 | 80 | | | | 197 | |
| <p>3 Cavi 3 Kabel</p> <p>USO/3</p> | 61 1571 0311 | USO/ 3x11 | 10-11 | 100 | 63 | 44 | | | | 77 | |
| | 61 1571 0314 | USO/ 3x1/2" S (14) | 13-14 | 125 | 81 | 50 | | | | 100 | |
| | 61 1571 0312 | USO/ 3x1/2" (17) | 16-17 | 125 | 81 | 50 | | | | 100 | |
| | 61 1571 0378 | USO/ 3x7/8" (28) | 27-28 | 200 | 114 | 59 | | | | 152 | |
| | 61 1571 3114 | USO/ 3x1.1/4" (40) | 39-40 | 250 | 150 | 70 | | | | 190 | |
| | 61 1571 3158 | USO/ 3x1.5/8" (52) | 50-52 | 300 | 198 | 80 | | | | 260 | |
| <p>4 Cavi 4 Kabel</p> <p>USO/4</p> | 61 1571 0411 | USO/ 4x11 | 10-11 | 125 | 84 | 44 | | | | 95 | |
| | 61 1571 0414 | USO/ 4x1/2" S (14) | 13-14 | 150 | 108 | 50 | | | | 72 | |
| | 61 1571 0412 | USO/ 4x1/2" (17) | 16-17 | 150 | 108 | 50 | | | | 72 | |
| | 61 1571 0478 | USO/ 4x7/8" (28) | 27-28 | 200 | 152 | 59 | | | | 185 | |
| | 61 1571 4114 | USO/ 4x1.1/4" (40) | 39-40 | 300 | 216 | 70 | | | | 235 | |
| | 61 1571 4158 | USO/ 4x1.5/8" (52) | 50-52 | 400 | 264 | 80 | | | | 323 | |

Esempio di fissaggio piatti forati
Fixings example on flat iron with holes

Befestigung-Beispiel an gelochtes Flacheisen
Exemple de fixations sur fer plat avec trous



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USC - Fissacavi per piatti, tondi e angolari

Composizione:
USO + mini morsetto MIM 8



USC - Kabelschellen für Flach, Rund, Winkeleisen

Zusammenbau:
USO + Miniklemme MIM 8

USC - Cable Clamps for flat, round and angular

Composition:
USO + MIM 8 Mini Clamp

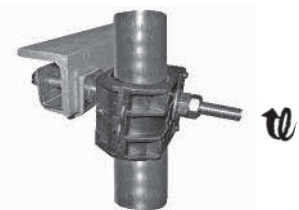
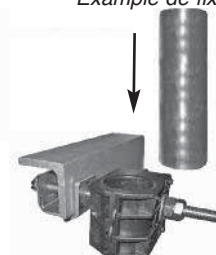
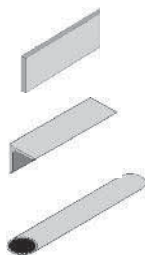
USC - Fixations pour plat, rond et cornière

Composition:
USO + mini fixation MIM 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|----|--|--|-------|----------------------------------|
| <p>1 Cavo 1 Kabel</p> <p>USC/1</p> | 61 1572 0011 | USC/ 1x11 | 10-11 | 75 | 21 | 44 | | | 102 | |
| | 61 1572 0014 | USC/ 1x1/2" S (14) | 13-14 | 75 | 27 | 50 | | | 105 | |
| | 61 1572 0012 | USC/ 1x1/2" (17) | 16-17 | 75 | 27 | 50 | | | 105 | |
| | 61 1572 0078 | USC/ 1x7/8" (28) | 27-28 | 100 | 38 | 59 | | | 132 | |
| | 61 1572 0114 | USC/ 1x1.1/4" (40) | 39-40 | 100 | 54 | 70 | | | 155 | |
| | 61 1572 0158 | USC/ 1x1.5/8" (52) | 50-52 | 125 | 66 | 80 | | | 155 | |
| <p>2 Cavi 2 Kabel</p> <p>USC/2</p> | 61 1572 0211 | USC/ 2x11 | 10-11 | 100 | 42 | 44 | | | 115 | |
| | 61 1572 0214 | USC/ 2x1/2" S (14) | 13-14 | 100 | 54 | 50 | | | 130 | |
| | 61 1572 0212 | USC/ 2x1/2" (17) | 16-17 | 100 | 54 | 50 | | | 130 | |
| | 61 1572 0278 | USC/ 2x7/8" (28) | 27-28 | 125 | 76 | 59 | | | 170 | |
| | 61 1572 2114 | USC/ 2x1.1/4" (40) | 39-40 | 200 | 108 | 70 | | | 200 | |
| | 61 1572 2158 | USC/ 2x1.5/8" (52) | 50-52 | 200 | 132 | 80 | | | 200 | |
| <p>3 Cavi 3 Kabel</p> <p>USC/3</p> | 61 1572 0311 | USC/ 3x11 | 10-11 | 100 | 63 | 44 | | | 132 | |
| | 61 1572 0314 | USC/ 3x1/2" S (14) | 13-14 | 125 | 81 | 50 | | | 155 | |
| | 61 1572 0312 | USC/ 3x1/2" (17) | 16-17 | 125 | 81 | 50 | | | 155 | |
| | 61 1572 0378 | USC/ 3x7/8" (28) | 27-28 | 200 | 114 | 59 | | | 207 | |
| | 61 1572 3114 | USC/ 3x1.1/4" (40) | 39-40 | 250 | 150 | 70 | | | 245 | |
| | 61 1572 3158 | USC/ 3x1.5/8" (52) | 50-52 | 300 | 198 | 80 | | | 290 | |
| <p>4 Cavi 4 Kabel</p> <p>USC/4</p> | 61 1572 0411 | USC/ 4x11 | 10-11 | 125 | 84 | 44 | | | 150 | |
| | 61 1572 0414 | USC/ 4x1/2" S (14) | 13-14 | 150 | 108 | 50 | | | 127 | |
| | 61 1572 0412 | USC/ 4x1/2" (17) | 16-17 | 150 | 108 | 50 | | | 127 | |
| | 61 1572 0478 | USC/ 4x7/8" (28) | 27-28 | 200 | 152 | 59 | | | 240 | |
| | 61 1572 4114 | USC/ 4x1.1/4" (40) | 39-40 | 300 | 216 | 70 | | | 280 | |
| | 61 1572 4158 | USC/ 4x1.5/8" (52) | 50-52 | 400 | 264 | 80 | | | 325 | |

Esempio di fissaggio su angolare
Fixings example on angular

Befestigung-Beispiel an Winkel Eisen
Example de fixations sur cornière



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USP - Fissacavi per profilato PCI 40x22

Composizione:
USO + inserto scorrevole ISL 8

USP - Cable Clamps for PCI 40x22 section

Composition:
USO + ISL 8 sliding Insert



USP - Kabelschellen für C-Profilschienen 40x22

Zusammenbau:
USO + ISL 8 Schnellmontagemutter

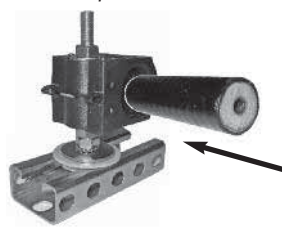
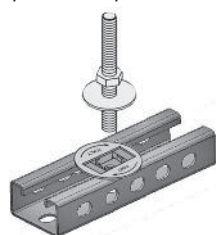
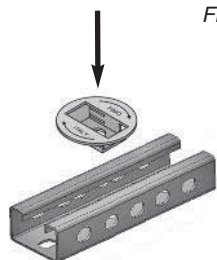
USP - Fixations pour profilé PCI 40x22

Composition:
USO + adaptateur rapide ISL 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|----|--|--|-------|----------------------------------|
| <p>1 Cavo 1 Kabel</p> <p>USP/1</p> | 61 1573 0011 | USP/ 1x11 | 10-11 | 75 | 21 | 44 | | | 72 | |
| | 61 1573 0014 | USP/ 1x1/2" S (14) | 13-14 | 75 | 27 | 50 | | | 75 | |
| | 61 1573 0012 | USP/ 1x1/2" (17) | 16-17 | 75 | 27 | 50 | | | 75 | |
| | 61 1573 0078 | USP/ 1x7/8" (28) | 27-28 | 100 | 38 | 59 | | | 102 | |
| | 61 1573 0114 | USP/ 1x1.1/4" (40) | 39-40 | 100 | 54 | 70 | | | 125 | |
| | 61 1573 0158 | USP/ 1x1.5/8" (52) | 50-52 | 125 | 66 | 80 | | | 165 | |
| <p>2 Cavi 2 Kabel</p> <p>USP/2</p> | 61 1573 0211 | USP/ 2x11 | 10-11 | 100 | 42 | 44 | | | 85 | |
| | 61 1573 0214 | USP/ 2x1/2" S (14) | 13-14 | 100 | 54 | 50 | | | 95 | |
| | 61 1573 0212 | USP/ 2x1/2" (17) | 16-17 | 100 | 54 | 50 | | | 95 | |
| | 61 1573 0278 | USP/ 2x7/8" (28) | 27-28 | 125 | 76 | 59 | | | 140 | |
| | 61 1573 2114 | USP/ 2x1.1/4" (40) | 39-40 | 200 | 108 | 70 | | | 170 | |
| | 61 1573 2158 | USP/ 2x1.5/8" (52) | 50-52 | 200 | 132 | 80 | | | 222 | |
| <p>3 Cavi 3 Kabel</p> <p>USP/3</p> | 61 1573 0311 | USP/ 3x11 | 10-11 | 100 | 63 | 44 | | | 102 | |
| | 61 1573 0314 | USP/ 3x1/2" S (14) | 13-14 | 125 | 81 | 50 | | | 125 | |
| | 61 1573 0312 | USP/ 3x1/2" (17) | 16-17 | 125 | 81 | 50 | | | 125 | |
| | 61 1573 0378 | USP/ 3x7/8" (28) | 27-28 | 200 | 114 | 59 | | | 175 | |
| | 61 1573 3114 | USP/ 3x1.1/4" (40) | 39-40 | 250 | 150 | 70 | | | 215 | |
| | 61 1573 3158 | USP/ 3x1.5/8" (52) | 50-52 | 300 | 198 | 80 | | | 275 | |
| <p>4 Cavi 4 Kabel</p> <p>USP/4</p> | 61 1573 0411 | USP/ 4x11 | 10-11 | 125 | 84 | 44 | | | 120 | |
| | 61 1573 0414 | USP/ 4x1/2" S (14) | 13-14 | 150 | 108 | 50 | | | 97 | |
| | 61 1573 0412 | USP/ 4x1/2" (17) | 16-17 | 150 | 108 | 50 | | | 97 | |
| | 61 1573 0478 | USP/ 4x7/8" (28) | 27-28 | 200 | 152 | 59 | | | 210 | |
| | 61 1573 4114 | USP/ 4x1.1/4" (40) | 39-40 | 300 | 216 | 70 | | | 250 | |
| | 61 1573 4158 | USP/ 4x1.5/8" (52) | 50-52 | 400 | 264 | 80 | | | 310 | |

Esempio di fissaggio su profilati a "C"
Fixings example on "C"-profiles

Befestigung-Beispiel an "C"-Profil
Example de fixations sur profilé "C"



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USL - Fissacavi per passerelle portacavi in filo

Composizione:
USO + 2 piastre di spinta PUC 70



USL - Kabelschellen für Gitterbahnen

Zusammenbau:
USO + 2 PUC 70 Druckplatte

USL - Cable Clamps for steel wire-mesh cable trays

Composition:
USO + 2 PUC 70 steel pressure plates

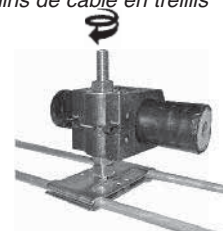
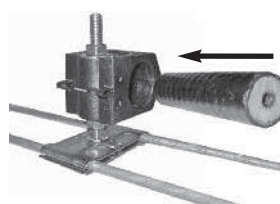
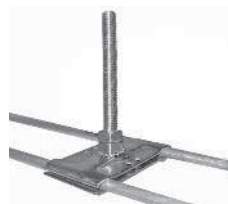
USL - Fixations pour chemins de câble en treillis

Composition:
USO + 2 plaques de compression PUC 70

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|----|----|--|-------|----------------------------------|
| 1 Cavo 1 Kabel USL/1 | 61 1578 0011 | USL/ 1x11 | 10-11 | 75 | 21 | 44 | 20 | | 83 | |
| | 61 1578 0014 | USL/ 1x1/2"S (14) | 13-14 | 75 | 27 | 50 | 20 | | 85 | |
| | 61 1578 0012 | USL/ 1x1/2" (17) | 16-17 | 75 | 27 | 50 | 20 | | 85 | |
| | 61 1578 0078 | USL/ 1x7/8" (28) | 27-28 | 100 | 38 | 59 | 20 | | 115 | |
| | 61 1578 0114 | USL/ 1x1.1/4" (40) | 39-40 | 100 | 54 | 70 | 20 | | 144 | |
| | 61 1578 0158 | USL/ 1x1.5/8" (52) | 50-52 | 125 | 66 | 80 | 20 | | 190 | |
| 2 Cavi 2 Kabel USL/2 | 61 1578 0211 | USL/ 2x11 | 10-11 | 100 | 42 | 44 | 20 | | 98 | |
| | 61 1578 0214 | USL/ 2x1/2"S (14) | 13-14 | 100 | 54 | 50 | 20 | | 110 | |
| | 61 1578 0212 | USL/ 2x1/2" (17) | 16-17 | 100 | 54 | 50 | 20 | | 110 | |
| | 61 1578 0278 | USL/ 2x7/8" (28) | 27-28 | 125 | 76 | 59 | 20 | | 160 | |
| | 61 1578 2114 | USL/ 2x1.1/4" (40) | 39-40 | 200 | 108 | 70 | 20 | | 195 | |
| | 61 1578 2158 | USL/ 2x1.5/8" (52) | 50-52 | 200 | 132 | 80 | 20 | | 255 | |
| 3 Cavi 3 Kabel USL/3 | 61 1578 0311 | USL/ 3x11 | 10-11 | 100 | 63 | 44 | 20 | | 117 | |
| | 61 1578 0314 | USL/ 3x1/2"S (14) | 13-14 | 125 | 81 | 50 | 20 | | 144 | |
| | 61 1578 0312 | USL/ 3x1/2" (17) | 16-17 | 125 | 81 | 50 | 20 | | 144 | |
| | 61 1578 0378 | USL/ 3x7/8" (28) | 27-28 | 200 | 114 | 59 | 20 | | 200 | |
| | 61 1578 3114 | USL/ 3x1.1/4" (40) | 39-40 | 250 | 150 | 70 | 20 | | 248 | |
| | 61 1578 3158 | USL/ 3x1.5/8" (52) | 50-52 | 300 | 198 | 80 | 20 | | 315 | |
| 4 Cavi 4 Kabel USL/4 | 61 1578 0411 | USL/ 4x11 | 10-11 | 125 | 84 | 44 | 20 | | 140 | |
| | 61 1578 0414 | USL/ 4x1/2"S (14) | 13-14 | 150 | 108 | 50 | 20 | | 112 | |
| | 61 1578 0412 | USL/ 4x1/2" (17) | 16-17 | 150 | 108 | 50 | 20 | | 112 | |
| | 61 1578 0478 | USL/ 4x7/8" (28) | 27-28 | 200 | 152 | 59 | 20 | | 240 | |
| | 61 1578 4114 | USL/ 4x1.1/4" (40) | 39-40 | 300 | 216 | 70 | 20 | | 285 | |
| | 61 1578 4158 | USL/ 4x1.5/8" (52) | 50-52 | 400 | 264 | 80 | 20 | | 356 | |

Esempio di fissaggio su passerelle fissacavi in filo d'acciaio
Fixings example on steel wire-mesh cable trays

Befestigung-Beispiel für Gitterbahnen
Exemple de fixations sur chemins de câble en treillis



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UCO-UCC-UCP-UCL

Fissacavi doppi per cavi coassiali

Versioni:

- ① **UCO** per piatto forato
- ② **UCC** per piatto, tondo e angolare
- ③ **UCP** per profilato **PCI 40/22**
- ④ **UCL** per passerelle portacavi in filo d'acciaio

Composizione:

- 1 - Selle doppie **SAB** di H.D.P.E. rinforzato vetro
- 2 - Barra filettata - **BFI** M8 (M10 a richiesta)
- 3 - Piastre di spinta **PUC**
- 4 - Dadi esagonali M8 UNI 5588
- 5 - Rondelle elastiche DIN 6798

Impiego:

Fissaggio 1 - 8 cavi coassiali.
Fissaggio di guide d'onda mediante guarnizioni elastiche **GRE-GRQ**.

Materiale:

Acciaio INOX AISI 304 (V 2A).
H.D.P.E. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta).



UCO-UCC-UCP-UCL

Doppel-Schellen für Koaxialkabel

Versionen:

- ① **UCO** für gelochtes Flacheisen
- ② **UCC** für Flach-, Rund-, Winkelisen
- ③ **UCP** für Profil **PCI 40/22**
- ④ **UCL** für Gitterbahnen

Zusammenbau:

- 1 - **SAB** Doppelwannen aus glasf. verst. H.D.P.E.
- 2 - Gewindestange - **BFI** M8 (M10 auf Anfrage)
- 3 - Druckplatten **PUC**
- 4 - M8-Muttern UNI 5588
- 5 - Rondellen DIN 6798

Einsatz:

Befestigung von 1 - 8 Koaxialkabeln.
Mittels elastischen Klemmpfprofilen **GRE-GRQ** auch Wellenleiter.

Material:

Stahl AISI 304 (V2A).
H.D.P.E. glasfaserverstärkt, U.V. - beständig.
Farbe: schwarz (grau auf Anfrage).

UCO-UCC-UCP-UCL

Twin Coaxial Cable Clamps

Versions:

- ① **UCO** for flat iron with holes
- ② **UCC** for flat, round, angular
- ③ **UCP** for profile **PCI 40/22**
- ④ **UCL** for steel wire cable trays

Components:

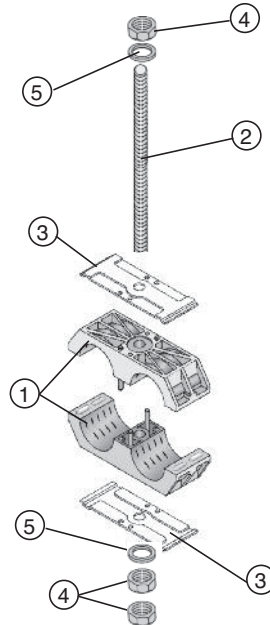
- 1 - **SAB** double saddles made from reinforced H.D.P.E.
- 2 - Threaded bar - **BFI** M8 (M10 on request)
- 3 - **PUC** steel-Flanges
- 4 - Hexagonal Nuts UNI 5588
- 5 - Elastic Washers DIN 6798

Use:

Fixing 1 to 8 coaxial cables.
GRE-GRQ elastic cushions allow fastening of waveguides.

Material:

Stainless steel AISI 304 (V 2A).
Fiberglass H.D.P.E., U.V. proof.
Colour: black (grey on request).



UCO-UCC-UCP-UCL

Fixations doubles pour câbles coaxiaux

Versions:

- ① **UCO** pour fer plat avec trous
- ② **UCC** pour plat, rond et cornière
- ③ **UCP** pour profilé **PCI 40/22**
- ④ **UCL** pour structures en fil acier

Composition:

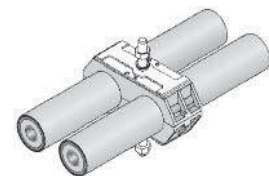
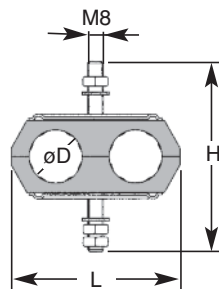
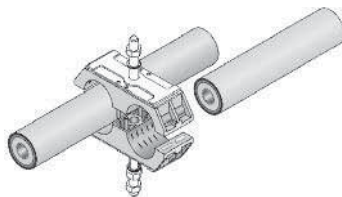
- 1 - Garnitures **SAB** en H.D.P.E. renforcé fibre de verre
- 2 - Tiges filetées - **BFI** M8 (M10 sur demande)
- 3 - Plaques **PUC**
- 4 - Ecrous hexagonaux
- 5 - Rondelles dentelées

Emploi:

Fixation de 1 à 8 câbles coaxiaux.
Fixation de guides d'onde avec garnitures **GRE-GRQ**.

Matériel:

Inox AISI 304 (V2A).
H.D.P.E. fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande).

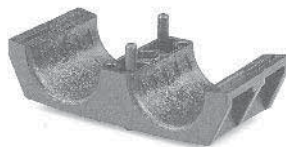


SAB - Selle doppie calibrate

Grazie alla dentellatura speciale interna fanno presa sul cavo coassiale senza comprimerlo né deformarlo. La chiusura di due selle abbinata è calibrata sui diametri dei cavi coassiali.

Materiale:

H.D.P.E. rinforzato con fibra di vetro.
Resistente ai raggi U.V. (-50°C ÷ +80°C)
Colore: nero (grigio a richiesta).

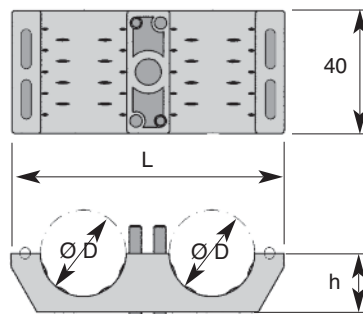
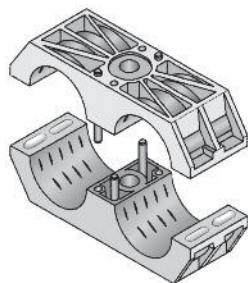


SAB - Calibrated Twin Saddles

The internal indentation allows gripping on the cable without compressing nor deforming it. The fitting of the two saddles is calibrated and corresponds to the diameter of the coaxial cables.

Material:

Fiberglass reinforced H.D.P.E.
U.V. proof. (-50°C ÷ +80°C)
Colour: black (grey on request).



SAB - Kalibrierte Doppelwannen

Sie entsprechen dem Standarddurchmesser der sRF-Koaxialkabel die formschlüssig eingebettet werden. Innenangebrachte Noppen haften am Kabelmantel ohne ihn zusammenzudrücken oder zu beschädigen.

Material:

H.D.P.E. glasfaserverstärkt.
U.V. beständig (-50°C ÷ +80°C)
Farbe: schwarz (grau auf Anfrage).

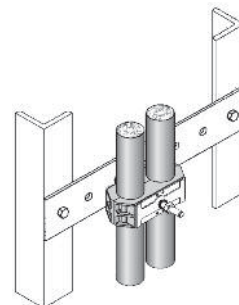
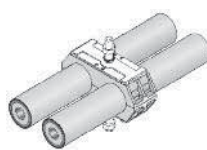
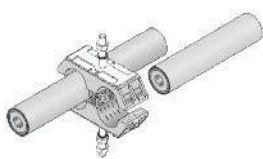
SAB - Garnitures doubles calibrées

Elles sont calibrées pour le diamètre des câbles coaxiaux. Grâce aux dentelures intérieures elles fixent le câble sans le comprimer ni le déformer.

Matériel:

H.D.P.E. renforcé fibre de verre.
Résistant aux rayons U.V. (-50°C ÷ +80°C)
Couleur: noir (gris sur demande).

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | h | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|------|-----|----|-----|-------|----------------------------------|
| | 61 3307 5009 | SAB/ 2x9 | 8 - 9 | 10,5 | 56 | 20 | 500 | 14 | |
| | 61 3307 5011 | SAB/ 2x11 | 10 - 11 | 10,5 | 56 | 20 | 500 | 14 | |
| | 61 3307 5212 | SAB/ 2x12 | 11 - 12 | 10,5 | 56 | 20 | 500 | 14 | |
| | 61 3307 5013 | SAB/ 2x13 | 12 - 13 | 13,5 | 68 | 20 | 500 | 18 | |
| | 61 3307 5014 | SAB/ 2x1/2" S (14) | 13 - 14 | 13,5 | 68 | 20 | 500 | 18 | |
| | 61 3307 5038 | SAB/ 2x3/8" (16) | 15 - 16 | 13,5 | 68 | 20 | 500 | 18 | |
| | 61 3307 5012 | SAB/ 2x1/2" (17) | 16 - 17 | 13,5 | 68 | 20 | 500 | 18 | |
| | 61 3307 5058 | SAB/ 2x5/8" (23) | 21 - 23 | 19 | 90 | 20 | 100 | 25 | |
| | 61 3307 5078 | SAB/ 2x7/8" (28) | 27 - 28 | 19 | 90 | 20 | 100 | 25 | |
| | 61 3307 5178 | SAB/ 2x7/8" M (30) | 29 - 30 | 19 | 90 | 20 | 100 | 25 | |
| | 61 3307 5118 | SAB/ 2x1.1/8" (38) | 36 - 38 | 27 | 114 | 20 | 100 | 30 | |
| | 61 3307 5114 | SAB/ 2x1.1/4" (40) | 39 - 40 | 27 | 114 | 20 | 100 | 30 | |
| | 61 3307 5158 | SAB/ 2x1.5/8" (52) | 50 - 52 | 33 | 137 | 20 | 100 | 40 | |



UCO - Fissacavi doppi per piatto forato

Composizione:
Sella **SAB** + perno filettato M8 + dadi + rondelle



UCO - Doppel Kabelschellen für gelochtes Flacheisen

Zusammenbau:
SAB Wannen + Gewindest. M8 + Muttern + Scheiben

UCO - Twin Cable Clamps for flat iron with holes

Composition:
SAB Saddle + M8 threaded bar + nuts + washers

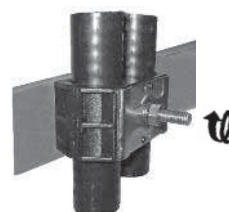
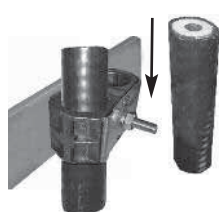
UCO - Fixations doubles pour fer plat avec trous

Composition:
Garniture **SAB** + tige fil. M8 + écrous + rondelles

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | | g | Prezzo Price Preis Prix |
|---|---|---|-----------------|-------|-----|-----|----|----|--|-----|----------------------------------|
| <p>2 Cavi 2 Kabel</p> <p>UCO/2</p> | 61 1559 0209 | UCO/ 2x9 | 8 - 9 | 75 | 21 | 56 | 20 | | | 95 | |
| | 61 1559 0211 | UCO/ 2x11 | 10 - 11 | 75 | 21 | 56 | 20 | | | 95 | |
| | 61 1559 2212 | UCO/ 2x12 | 11 - 12 | 75 | 21 | 56 | 20 | | | 95 | |
| | 61 1559 0213 | UCO/ 2x13 | 12 - 13 | 75 | 27 | 68 | 20 | | | 100 | |
| | 61 1559 0214 | UCO/ 2x1/2" S (14) | 13 - 14 | 75 | 27 | 68 | 20 | | | 100 | |
| | 61 1559 0238 | UCO/ 2x3/8" (16) | 15 - 16 | 75 | 27 | 68 | 20 | | | 100 | |
| | 61 1559 0212 | UCO/ 2x1/2" (17) | 16 - 17 | 75 | 27 | 68 | 20 | | | 100 | |
| | 61 1559 0258 | UCO/ 2x5/8" (23) | 21 - 23 | 100 | 38 | 90 | 20 | | | 155 | |
| | 61 1559 0278 | UCO/ 2x7/8" (28) | 27 - 28 | 100 | 38 | 90 | 20 | | | 155 | |
| | 61 1559 2118 | UCO/ 2x1.1/8" (38) | 36 - 38 | 150 | 54 | 114 | 20 | | | 200 | |
| | 61 1559 2114 | UCO/ 2x1.1/4" (40) | 39 - 40 | 150 | 54 | 114 | 20 | | | 200 | |
| | 61 1559 2158 | UCO/ 2x1.5/8" (52) | 50 - 52 | 150 | 66 | 137 | 20 | | | 280 | |
| <p>4 Cavi 4 Kabel</p> <p>UCO/4</p> | 61 1559 0409 | UCO/ 4x9 | 8 - 9 | 100 | 42 | 56 | 20 | | | 120 | |
| | 61 1559 0411 | UCO/ 4x11 | 10 - 11 | 100 | 42 | 56 | 20 | | | 120 | |
| | 61 1559 2412 | UCO/ 4x12 | 11 - 12 | 100 | 42 | 56 | 20 | | | 120 | |
| | 61 1559 0413 | UCO/ 4x13 | 12 - 13 | 125 | 54 | 56 | 20 | | | 150 | |
| | 61 1559 0414 | UCO/ 4x1/2" S (14) | 13 - 14 | 125 | 54 | 68 | 20 | | | 150 | |
| | 61 1559 0438 | UCO/ 4x3/8" (16) | 15 - 16 | 125 | 54 | 68 | 20 | | | 150 | |
| | 61 1559 0412 | UCO/ 4x1/2" (17) | 16 - 17 | 125 | 54 | 68 | 20 | | | 150 | |
| | 61 1559 0458 | UCO/ 4x5/8" (23) | 21 - 23 | 150 | 76 | 90 | 20 | | | 230 | |
| | 61 1559 0478 | UCO/ 4x7/8" (28) | 27 - 28 | 150 | 76 | 90 | 20 | | | 230 | |
| | 61 1559 4118 | UCO/ 4x1.1/8" (38) | 36 - 38 | 200 | 108 | 114 | 20 | | | 290 | |
| | 61 1559 4114 | UCO/ 4x1.1/4" (40) | 39 - 40 | 200 | 108 | 114 | 20 | | | 290 | |
| | 61 1559 4158 | UCO/ 4x1.5/8" (52) | 50 - 52 | 250 | 132 | 137 | 20 | | | 395 | |
| <p>6 Cavi 6 Kabel</p> <p>UCO/6</p> | 61 1559 0609 | UCO/ 6x9 | 8 - 9 | 125 | 63 | 56 | 20 | | | 155 | |
| | 61 1559 0611 | UCO/ 6x11 | 10 - 11 | 125 | 63 | 56 | 20 | | | 155 | |
| | 61 1559 2612 | UCO/ 6x12 | 11 - 12 | 125 | 63 | 56 | 20 | | | 155 | |
| | 61 1559 0613 | UCO/ 6x13 | 12 - 13 | 150 | 81 | 68 | 20 | | | 200 | |
| | 61 1559 0614 | UCO/ 6x1/2" S (14) | 13 - 14 | 150 | 81 | 68 | 20 | | | 200 | |
| | 61 1559 0638 | UCO/ 6x3/8" (16) | 15 - 16 | 150 | 81 | 68 | 20 | | | 200 | |
| | 61 1559 0612 | UCO/ 6x1/2" (17) | 16 - 17 | 150 | 81 | 68 | 20 | | | 200 | |
| | 61 1559 0658 | UCO/ 6x5/8" (23) | 21 - 23 | 200 | 114 | 90 | 20 | | | 305 | |
| | 61 1559 0678 | UCO/ 6x7/8" (28) | 27 - 28 | 200 | 114 | 90 | 20 | | | 305 | |
| | 61 1559 6114 | UCO/ 6x1.1/4" (40) | 39 - 40 | 250 | 150 | 114 | 20 | | | 380 | |
| | 61 1559 6158 | UCO/ 6x1.5/8" (52) | 50 - 52 | 300 | 198 | 137 | 20 | | | 520 | |
| | <p>8 Cavi 8 Kabel</p> <p>UCO/8</p> | 61 1559 0809 | UCO/ 8x9 | 8 - 9 | 150 | 84 | 56 | 20 | | | 190 |
| 61 1559 0811 | | UCO/ 8x11 | 10 - 11 | 150 | 84 | 56 | 20 | | | 190 | |
| 61 1559 2812 | | UCO/ 8x12 | 11 - 12 | 150 | 84 | 56 | 20 | | | 190 | |
| 61 1559 0813 | | UCO/ 8x13 | 12 - 13 | 200 | 108 | 68 | 20 | | | 145 | |
| 61 1559 0814 | | UCO/ 8x1/2" S (14) | 13 - 14 | 200 | 108 | 68 | 20 | | | 145 | |
| 61 1559 0838 | | UCO/ 8x3/8" (16) | 15 - 16 | 200 | 108 | 68 | 20 | | | 145 | |
| 61 1559 0812 | | UCO/ 8x1/2" (17) | 16 - 17 | 200 | 108 | 68 | 20 | | | 145 | |
| 61 1559 0858 | | UCO/ 8x5/8" (23) | 21 - 23 | 250 | 152 | 90 | 20 | | | 370 | |
| 61 1559 0878 | | UCO/ 8x7/8" (28) | 27 - 28 | 250 | 152 | 90 | 20 | | | 370 | |

Esempio di fissaggio piatti forati
Fixings example on flat iron with holes

Befestigung-Beispiel an gelochtes Flacheisen
Example de fixations sur fer plat avec trous



**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**

UCC - Fissacavi doppi per piatti, tondi e angolari

Composizione:
UCO + morsetto monoblocco MCM 8

UCC - Cable Clamps for flat, round and angular

Composition:
UCO + MCM 8 Compact Clamp



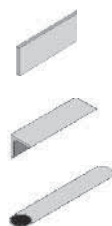
UCC - Doppel Kabelschellen für Flach, Rund, Winkeleisen

Zusammenbau:
UCO + Kompakt-Klemme MCM 8

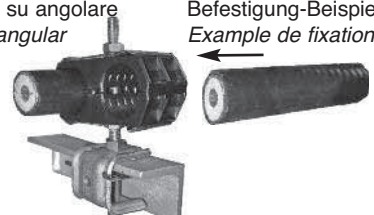
UCC - Fixations doubles pour plat, rond et cornière

Composition:
UCO + attache compacte MCM 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|-----|-----|--|-----|-----|----------------------------------|
| <p>2 Cavi 2 Kabel</p> <p>UCC/2</p> | 61 1560 0209 | UCC/ 2x9 | 8 - 9 | 75 | 21 | 56 | | | 205 | |
| | 61 1560 0211 | UCC/ 2x11 | 10 - 11 | 75 | 21 | 56 | | | 205 | |
| | 61 1560 2212 | UCC/ 2x12 | 11 - 12 | 75 | 21 | 56 | | | 205 | |
| | 61 1560 0213 | UCC/ 2x13 | 12 - 13 | 75 | 27 | 68 | | | 210 | |
| | 61 1560 0214 | UCC/ 2x1/2" S (14) | 13 - 14 | 75 | 27 | 68 | | | 210 | |
| | 61 1560 0238 | UCC/ 2x3/8" (16) | 15 - 16 | 75 | 27 | 68 | | | 210 | |
| | 61 1560 0212 | UCC/ 2x1/2" (17) | 16 - 17 | 75 | 27 | 68 | | | 210 | |
| | 61 1560 0258 | UCC/ 2x5/8" (23) | 21 - 23 | 100 | 38 | 90 | | | 265 | |
| | 61 1560 0278 | UCC/ 2x7/8" (28) | 27 - 28 | 100 | 38 | 90 | | | 265 | |
| | 61 1560 2118 | UCC/ 2x1.1/8" (38) | 36 - 38 | 150 | 54 | 114 | | | 265 | |
| 61 1560 2114 | UCC/ 2x1.1/4" (40) | 39 - 40 | 150 | 54 | 114 | | | 310 | | |
| 61 1560 2158 | UCC/ 2x1.5/8" (52) | 50 - 52 | 150 | 66 | 137 | | | 310 | | |
| <p>4 Cavi 4 Kabel</p> <p>UCC/4</p> | 61 1560 0409 | UCC/ 4x9 | 8 - 9 | 100 | 42 | 56 | | | 390 | |
| | 61 1560 0411 | UCC/ 4x11 | 10 - 11 | 100 | 42 | 56 | | | 230 | |
| | 61 1560 2412 | UCC/ 4x12 | 11 - 12 | 100 | 42 | 56 | | | 230 | |
| | 61 1560 0413 | UCC/ 4x13 | 12 - 13 | 125 | 54 | 56 | | | 230 | |
| | 61 1560 0414 | UCC/ 4x1/2" S (14) | 13 - 14 | 125 | 54 | 68 | | | 260 | |
| | 61 1560 0438 | UCC/ 4x3/8" (16) | 15 - 16 | 125 | 54 | 68 | | | 260 | |
| | 61 1560 0412 | UCC/ 4x1/2" (17) | 16 - 17 | 125 | 54 | 68 | | | 260 | |
| | 61 1560 0458 | UCC/ 4x5/8" (23) | 21 - 23 | 150 | 76 | 90 | | | 260 | |
| | 61 1560 0478 | UCC/ 4x7/8" (28) | 27 - 28 | 150 | 76 | 90 | | | 340 | |
| | 61 1560 4118 | UCC/ 4x1.1/8" (38) | 36 - 38 | 200 | 108 | 114 | | | 340 | |
| 61 1560 4114 | UCC/ 4x1.1/4" (40) | 39 - 40 | 200 | 108 | 114 | | | 400 | | |
| 61 1560 4158 | UCC/ 4x1.5/8" (52) | 50 - 52 | 250 | 132 | 137 | | | 400 | | |
| <p>6 Cavi 6 Kabel</p> <p>UCC/6</p> | 61 1560 0609 | UCC/ 6x9 | 8 - 9 | 125 | 63 | 56 | | | 265 | |
| | 61 1560 0611 | UCC/ 6x11 | 10 - 11 | 125 | 63 | 56 | | | 265 | |
| | 61 1560 2612 | UCC/ 6x12 | 11 - 12 | 125 | 63 | 56 | | | 265 | |
| | 61 1560 0613 | UCC/ 6x13 | 12 - 13 | 150 | 81 | 68 | | | 310 | |
| | 61 1560 0614 | UCC/ 6x1/2" S (14) | 13 - 14 | 150 | 81 | 68 | | | 310 | |
| | 61 1560 0638 | UCC/ 6x3/8" (16) | 15 - 16 | 150 | 81 | 68 | | | 310 | |
| | 61 1560 0612 | UCC/ 6x1/2" (17) | 16 - 17 | 150 | 81 | 68 | | | 310 | |
| | 61 1560 0658 | UCC/ 6x5/8" (23) | 21 - 23 | 200 | 114 | 90 | | | 415 | |
| | 61 1560 0678 | UCC/ 6x7/8" (28) | 27 - 28 | 200 | 114 | 90 | | | 415 | |
| | 61 1560 6114 | UCC/ 6x1.1/4" (40) | 39 - 40 | 250 | 150 | 114 | | | 490 | |
| 61 1560 6158 | UCC/ 6x1.5/8" (52) | 50 - 52 | 300 | 198 | 137 | | | 580 | | |
| <p>8 Cavi 8 Kabel</p> <p>UCC/8</p> | 61 1560 0809 | UCC/ 8x9 | 8 - 9 | 150 | 84 | 56 | | | 300 | |
| | 61 1560 0811 | UCC/ 8x11 | 10 - 11 | 150 | 84 | 56 | | | 300 | |
| | 61 1560 2812 | UCC/ 8x12 | 11 - 12 | 150 | 84 | 56 | | | 300 | |
| | 61 1560 0813 | UCC/ 8x13 | 12 - 13 | 200 | 108 | 68 | | | 255 | |
| | 61 1560 0814 | UCC/ 8x1/2" S (14) | 13 - 14 | 200 | 108 | 68 | | | 255 | |
| | 61 1560 0838 | UCC/ 8x3/8" (16) | 15 - 16 | 200 | 108 | 68 | | | 255 | |
| | 61 1560 0812 | UCC/ 8x1/2" (17) | 16 - 17 | 200 | 108 | 68 | | | 255 | |
| | 61 1560 0858 | UCC/ 8x5/8" (23) | 21 - 23 | 250 | 152 | 90 | | | 480 | |
| | 61 1560 0878 | UCC/ 8x7/8" (28) | 27 - 28 | 250 | 152 | 90 | | | 480 | |



Esempio di fissaggio su angolare
Fixings example on angular



Befestigung-Beispiel an Winkel Eisen
Exemple de fixations sur cornière



SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

UCP - Fissacavi doppi per profilato PCI 40x22

Composizione:
UCO + Insetto scorrevole ISL 8



UCP - Doppel Kabelschellen für C-Profilschienen 40x22

Zusammenbau:
UCO + ISL 8 Schnellmontagemutter

UCP - Twin Cable Clamps for PCI 40x22 section

Composition:
UCO + ISL 8 sliding Insert



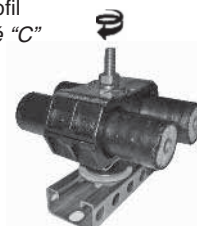
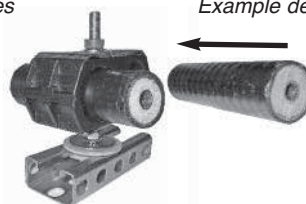
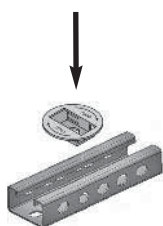
UCP - Fixations doubles pour profilé PCI 40x22

Composition:
UCO + Adaptateur rapide ISL 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|-----|-----|--|--|-----|----------------------------------|
| 2 Cavi 2 Kabel UCP/2 | 61 1561 0209 | UCP/ 2x9 | 8 - 9 | 75 | 21 | 56 | | | 145 | |
| | 61 1561 0211 | UCP/ 2x11 | 10 - 11 | 75 | 21 | 56 | | | 145 | |
| | 61 1561 2212 | UCP/ 2x12 | 11 - 12 | 75 | 21 | 56 | | | 145 | |
| | 61 1561 0213 | UCP/ 2x13 | 12 - 13 | 75 | 27 | 68 | | | 150 | |
| | 61 1561 0214 | UCP/ 2x1/2" S (14) | 13 - 14 | 75 | 27 | 68 | | | 150 | |
| | 61 1561 0238 | UCP/ 2x3/8" (16) | 15 - 16 | 75 | 27 | 68 | | | 150 | |
| | 61 1561 0212 | UCP/ 2x1/2" (17) | 16 - 17 | 75 | 27 | 68 | | | 150 | |
| | 61 1561 0258 | UCP/ 2x5/8" (23) | 21 - 23 | 100 | 38 | 90 | | | 205 | |
| | 61 1561 0278 | UCP/ 2x7/8" (28) | 27 - 28 | 100 | 38 | 90 | | | 205 | |
| | 61 1561 2118 | UCP/ 2x1.1/8" (38) | 36 - 38 | 150 | 54 | 114 | | | 250 | |
| 2 Cables 2 Câbles | 61 1561 2114 | UCP/ 2x1.1/4" (40) | 39 - 40 | 150 | 54 | 114 | | | 250 | |
| | 61 1561 2158 | UCP/ 2x1.5/8" (52) | 50 - 52 | 150 | 66 | 137 | | | 330 | |
| 4 Cavi 4 Kabel UCP/4 | 61 1561 0409 | UCP/ 4x9 | 8 - 9 | 100 | 42 | 56 | | | 170 | |
| | 61 1561 0411 | UCP/ 4x11 | 10 - 11 | 100 | 42 | 56 | | | 170 | |
| | 61 1561 2412 | UCP/ 4x12 | 11 - 12 | 100 | 42 | 56 | | | 170 | |
| | 61 1561 0413 | UCP/ 4x13 | 12 - 13 | 125 | 54 | 56 | | | 190 | |
| | 61 1561 0414 | UCP/ 4x1/2" S (14) | 13 - 14 | 125 | 54 | 68 | | | 190 | |
| | 61 1561 0438 | UCP/ 4x3/8" (16) | 15 - 16 | 125 | 54 | 68 | | | 190 | |
| | 61 1561 0412 | UCP/ 4x1/2" (17) | 16 - 17 | 125 | 54 | 68 | | | 190 | |
| | 61 1561 0458 | UCP/ 4x5/8" (23) | 21 - 23 | 150 | 76 | 90 | | | 280 | |
| | 61 1561 0478 | UCP/ 4x7/8" (28) | 27 - 28 | 150 | 76 | 90 | | | 280 | |
| | 61 1561 4118 | UCP/ 4x1.1/8" (38) | 36 - 38 | 200 | 108 | 114 | | | 340 | |
| 4 Cables 4 Câbles | 61 1561 4114 | UCP/ 4x1.1/4" (40) | 39 - 40 | 200 | 108 | 114 | | | 340 | |
| | 61 1561 4158 | UCP/ 4x1.5/8" (52) | 50 - 52 | 250 | 132 | 137 | | | 445 | |
| 6 Cavi 6 Kabel UCP/6 | 61 1561 0609 | UCP/ 6x9 | 8 - 9 | 125 | 63 | 56 | | | 205 | |
| | 61 1561 0611 | UCP/ 6x11 | 10 - 11 | 125 | 63 | 56 | | | 205 | |
| | 61 1561 2612 | UCP/ 6x12 | 11 - 12 | 125 | 63 | 56 | | | 205 | |
| | 61 1561 0613 | UCP/ 6x13 | 12 - 13 | 150 | 81 | 68 | | | 250 | |
| | 61 1561 0614 | UCP/ 6x1/2" S (14) | 13 - 14 | 150 | 81 | 68 | | | 250 | |
| | 61 1561 0638 | UCP/ 6x3/8" (16) | 15 - 16 | 150 | 81 | 68 | | | 250 | |
| | 61 1561 0612 | UCP/ 6x1/2" (17) | 16 - 17 | 150 | 81 | 68 | | | 250 | |
| | 61 1561 0658 | UCP/ 6x5/8" (23) | 21 - 23 | 200 | 114 | 90 | | | 350 | |
| | 61 1561 0678 | UCP/ 6x7/8" (28) | 27 - 28 | 200 | 114 | 90 | | | 350 | |
| | 61 1561 6114 | UCP/ 6x1.1/4" (40) | 39 - 40 | 250 | 150 | 114 | | | 430 | |
| 6 Cables 6 Câbles | 61 1561 6158 | UCP/ 6x1.5/8" (52) | 50 - 52 | 300 | 198 | 137 | | | 550 | |
| | 61 1561 0809 | UCP/ 8x9 | 8 - 9 | 150 | 84 | 56 | | | 240 | |
| 8 Cavi 8 Kabel UCP/8 | 61 1561 0811 | UCP/ 8x11 | 10 - 11 | 150 | 84 | 56 | | | 240 | |
| | 61 1561 2812 | UCP/ 8x12 | 11 - 12 | 150 | 84 | 56 | | | 240 | |
| | 61 1561 0813 | UCP/ 8x13 | 12 - 13 | 200 | 108 | 68 | | | 195 | |
| | 61 1561 0814 | UCP/ 8x1/2" S (14) | 13 - 14 | 200 | 108 | 68 | | | 195 | |
| | 61 1561 0838 | UCP/ 8x3/8" (16) | 15 - 16 | 200 | 108 | 68 | | | 195 | |
| | 61 1561 0812 | UCP/ 8x1/2" (17) | 16 - 17 | 200 | 108 | 68 | | | 195 | |
| | 61 1561 0858 | UCP/ 8x5/8" (23) | 21 - 23 | 250 | 152 | 90 | | | 420 | |
| | 61 1561 0878 | UCP/ 8x7/8" (28) | 27 - 28 | 250 | 152 | 90 | | | 420 | |

Esempio di fissaggio su profilati a "C"
Fixings example on "C"-profiles

Befestigung-Beispiel an "C"-Profil
Exemple de fixations sur profilé "C"



SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LOSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

UCL - Fissacavi doppi per passerelle portacavi in filo

Composizione:
UCO + 2 piastre di spinta PUC 70



UCL - Doppel Kabelschellen für Gitterbahnen

Zusammenbau:
UCO + 2 PUC 70 Druckplatte

UCL - Twin Clamps for steel wire-mesh cable trays

Composition:
UCO + 2 PUC 70 steel pressure plates

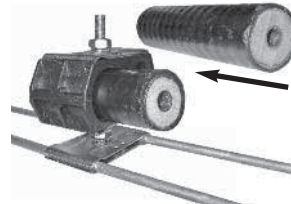
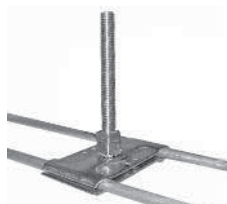
UCL - Fixations doubles pour chemins de câble en treillis

Composition:
UCO + 2 plaques de compression PUC 70

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|-----|-----|--|-----|-----|----------------------------------|
| 2 Cavi 2 Kabel UCL/2 | 61 1575 0209 | UCL/ 2x9 | 8 - 9 | 75 | 21 | 56 | | | 168 | |
| | 61 1575 0211 | UCL/ 2x11 | 10 - 11 | 75 | 21 | 56 | | | 168 | |
| | 61 1575 2212 | UCL/ 2x12 | 11 - 12 | 75 | 21 | 56 | | | 168 | |
| | 61 1575 0213 | UCL/ 2x13 | 12 - 13 | 75 | 27 | 68 | | | 170 | |
| | 61 1575 0214 | UCL/ 2x1/2"S (14) | 13 - 14 | 75 | 27 | 68 | | | 170 | |
| | 61 1575 0238 | UCL/ 2x3/8" (16) | 15 - 16 | 75 | 27 | 68 | | | 170 | |
| | 61 1575 0212 | UCL/ 2x1/2" (17) | 16 - 17 | 75 | 27 | 68 | | | 170 | |
| | 61 1575 0258 | UCL/ 2x5/8" (23) | 21 - 23 | 100 | 38 | 90 | | | 235 | |
| | 61 1575 0278 | UCL/ 2x7/8" (28) | 27 - 28 | 100 | 38 | 90 | | | 235 | |
| | 61 1575 2118 | UCL/ 2x1.1/8" (38) | 36 - 38 | 150 | 54 | 114 | | | 285 | |
| 61 1575 2114 | UCL/ 2x1.1/4" (40) | 39 - 40 | 150 | 54 | 114 | | | 285 | | |
| 2 Cables 2 Câbles | 61 1575 2158 | UCL/ 2x1.5/8" (52) | 50 - 52 | 150 | 66 | 137 | | | 380 | |
| 4 Cavi 4 Kabel UCL/4 | 61 1575 0409 | UCL/ 4x9 | 8 - 9 | 100 | 42 | 56 | | | 195 | |
| | 61 1575 0411 | UCL/ 4x11 | 10 - 11 | 100 | 42 | 56 | | | 195 | |
| | 61 1575 2412 | UCL/ 4x12 | 11 - 12 | 100 | 42 | 56 | | | 195 | |
| | 61 1575 0413 | UCL/ 4x13 | 12 - 13 | 125 | 54 | 56 | | | 218 | |
| | 61 1575 0414 | UCL/ 4x1/2"S (14) | 13 - 14 | 125 | 54 | 68 | | | 218 | |
| | 61 1575 0438 | UCL/ 4x3/8" (16) | 15 - 16 | 125 | 54 | 68 | | | 218 | |
| | 61 1575 0412 | UCL/ 4x1/2" (17) | 16 - 17 | 125 | 54 | 68 | | | 218 | |
| | 61 1575 0458 | UCL/ 4x5/8" (23) | 21 - 23 | 150 | 76 | 90 | | | 320 | |
| | 61 1575 0478 | UCL/ 4x7/8" (28) | 27 - 28 | 150 | 76 | 90 | | | 390 | |
| | 61 1575 4118 | UCL/ 4x1.1/8" (38) | 36 - 38 | 200 | 108 | 114 | | | 390 | |
| 61 1575 4114 | UCL/ 4x1.1/4" (40) | 39 - 40 | 200 | 108 | 114 | | | 512 | | |
| 4 Cables 4 Câbles | 61 1575 4158 | UCL/ 4x1.5/8" (52) | 50 - 52 | 250 | 132 | 137 | | | 235 | |
| 6 Cavi 6 Kabel UCL/6 | 61 1575 0609 | UCL/ 6x9 | 8 - 9 | 125 | 63 | 56 | | | 235 | |
| | 61 1575 0611 | UCL/ 6x11 | 10 - 11 | 125 | 63 | 56 | | | 235 | |
| | 61 1575 2612 | UCL/ 6x12 | 11 - 12 | 125 | 63 | 56 | | | 235 | |
| | 61 1575 0613 | UCL/ 6x13 | 12 - 13 | 150 | 81 | 68 | | | 285 | |
| | 61 1575 0614 | UCL/ 6x1/2"S (14) | 13 - 14 | 150 | 81 | 68 | | | 285 | |
| | 61 1575 0638 | UCL/ 6x3/8" (16) | 15 - 16 | 150 | 81 | 68 | | | 285 | |
| | 61 1575 0612 | UCL/ 6x1/2" (17) | 16 - 17 | 150 | 81 | 68 | | | 285 | |
| | 61 1575 0658 | UCL/ 6x5/8" (23) | 21 - 23 | 200 | 114 | 90 | | | 400 | |
| | 61 1575 0678 | UCL/ 6x7/8" (28) | 27 - 28 | 200 | 114 | 90 | | | 400 | |
| | 61 1575 6114 | UCL/ 6x1.1/4" (40) | 39 - 40 | 250 | 150 | 114 | | | 495 | |
| 6 Cables 6 Câbles | 61 1575 6158 | UCL/ 6x1.5/8" (52) | 50 - 52 | 300 | 198 | 137 | | | 630 | |
| 8 Cavi 8 Kabel UCL/8 | 61 1575 0809 | UCL/ 8x9 | 8 - 9 | 150 | 84 | 56 | | | 275 | |
| | 61 1575 0811 | UCL/ 8x11 | 10 - 11 | 150 | 84 | 56 | | | 275 | |
| | 61 1575 2812 | UCL/ 8x12 | 11 - 12 | 150 | 84 | 56 | | | 275 | |
| | 61 1575 0813 | UCL/ 8x13 | 12 - 13 | 200 | 108 | 68 | | | 225 | |
| | 61 1575 0814 | UCL/ 8x1/2"S (14) | 13 - 14 | 200 | 108 | 68 | | | 225 | |
| | 61 1575 0838 | UCL/ 8x3/8" (16) | 15 - 16 | 200 | 108 | 68 | | | 225 | |
| | 61 1575 0812 | UCL/ 8x1/2" (17) | 16 - 17 | 200 | 108 | 68 | | | 225 | |
| | 61 1575 0858 | UCL/ 8x5/8" (23) | 21 - 23 | 250 | 152 | 90 | | | 480 | |
| | 61 1575 0878 | UCL/ 8x7/8" (28) | 27 - 28 | 250 | 152 | 90 | | | 480 | |
| | 8 Cables 8 Câbles | | | | | | | | | |

Esempio di fissaggio su passerelle portacavi in filo d'acciaio
Fixings example on steel wire-mesh cable trays

Befestigung-Beispiel für Gitterbahnen
Exemple de fixations sur chemins de câble en treillis



SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

LCO-LCC-LCP-LCL

Fissacavi ad inserimento laterale (brev.)

Versioni:

- ① **LCO** per piatto forato
- ② **LCC** per piatto, tondo e angolare
- ③ **LCP** per profilato **PCI 40/22**
- ④ **LCL** per passerelle portacavi in filo d'acciaio

Composizione:

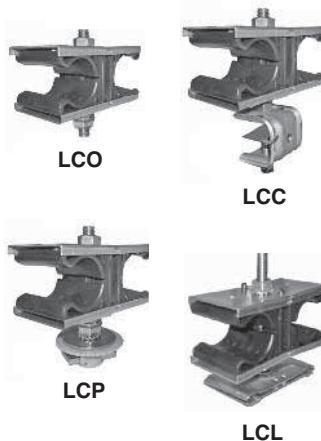
- 1 - Sella doppia **SAL** di P.E.
- 2 - Barra filettata - **BFI** M8
- 3 - Piastre di spinta **PSL**
- 4 - Rondelle elastiche DIN 6798
- 5 - Dadi esagonali M8 UNI 5588

Impiego:

Fissaggio 1 - 6 cavi coassiali.
Fissaggio di guide d'onda mediante guarnizioni elastiche **GRE-GRQ**.

Materiale:

Acciaio INOX AISI 304 (V 2A).
H.D.P.E. resistente a U.V.
Colore: nero (grigio a richiesta).



LCO-LCC-LCP-LCL

Schellen mit seitlicher Einführung (Pat.)

Versionen:

- ① **LCO** für gelochtes Flacheisen
- ② **LCC** für Flach-, Rund-, Winkleisen
- ③ **LCP** für Profil **PCI 40/22**
- ④ **LCL** für Gitterbahnen

Zusammenbau:

- 1 - **SAL** Doppelwanne P.E.
- 2 - Gewindestange - **BFI** M8
- 3 - Druckplatten **PSL**
- 4 - Rondellen DIN 6798
- 5 - M8-Muttern UNI 5588

Einsatz:

Befestigung von 1 - 6 Koaxialkabeln.
Mittels elastischen Klemmprofilen **GRE-GRQ** auch Wellenleiter.

Material:

Stahl AISI 304 (V2A).
H.D.P.E. U.V. - beständig.
Farbe: schwarz (grau auf Anfrage).

LCO-LCC-LCP-LCL

Fasteners for Side Insertion (pat.)

Versions:

- ① **LCO** for flat iron with holes
- ② **LCC** for flat, round, angular
- ③ **LCP** for **PCI 40/22** profile
- ④ **LCL** for steel wire cable trays

Components:

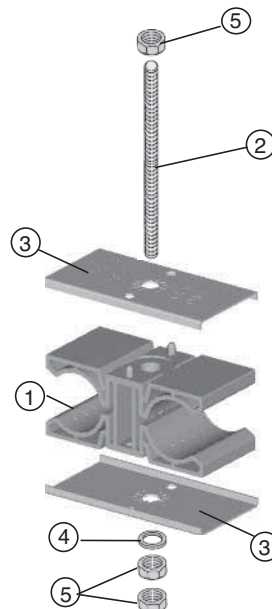
- 1 - **SAL** double Saddle in P.E.
- 2 - Threaded Bar - **BFI** M8
- 3 - **PSL** steel Flanges
- 4 - Elastic Washers DIN 6798
- 5 - Hexagonal Nuts UNI 5588

Use:

Fixing 1 to 6 coaxial cables.
GRE-GRQ elastic cushions allow fastening of waveguides.

Material:

AISI 304 (V 2A) stainless Steel.
H.D.P.E., U.V. proof.
Colour: black (grey on request).



LCO-LCC-LCP-LCL

Fixations à insertion latérale (brev.)

Versions:

- ① **LCO** pour fer plat avec trous
- ② **LCC** pour plat, rond et cornière
- ③ **LCP** pour profilé **PCI 40/22**
- ④ **LCL** pour structures en fil acier

Composition:

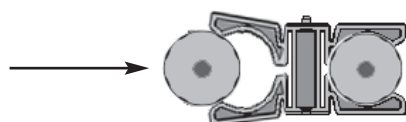
- 1 - Double garniture **SAL** en P.E.
- 2 - Tiges filetées - **BFI** M8
- 3 - Plaques **PSL**
- 4 - Rondelles dentelées
- 5 - Ecrous hexagonaux

Emploi:

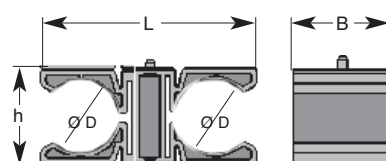
Fixation de 1 à 6 câbles coaxiaux.
Fixation de guides d'onde avec garnitures **GRE-GRQ**.

Matériel:

Inox AISI 304 (V2A).
H.D.P.E. résistant aux U.V.
Couleur: noir (gris sur demande).



Inserimento laterale del cavo
Fasteners for Side Insertion
Schellen mit seitlicher Einführung
Fixations à insertion latérale



SAL - Bi-sella elastica monoblocco
Montaggio rapido
Inserimento laterale del cavo

Materiale:

H.D.P.E. - U.V. resistente (-50°C ÷ +80°C)
Colore: nero, (grigio a richiesta)



SAL - Elastische Monoblock Doppelwanne
Schnellmontage
Seitliche Kabel-Einführung

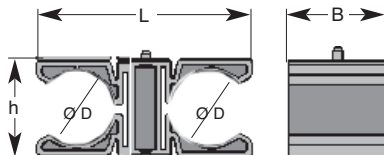
Material:

H.D.P.E. - U.V. beständig
Farbe: Schwarz, (grau auf Anfrage)

SAL - Elastic Monobloc Twin Saddle
Speedy mounting
Side insertion of cables

Material:

H.D.P.E. - U.V. proof (-50°C ÷ +80°C)
Colour: black, (grey on request)



SAL - Garniture élastique double monobloc
Montage rapide
Insertion latérale du câble

Matériel:

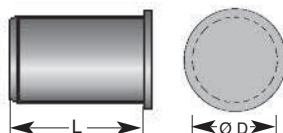
H.D.P.E. - Résistant aux rayons U.V. (-50°C ÷ +80°C)
Couleur: noir, (gris sur demande)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | h | L | B | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|----|-----|----|--|--|------------|----------------------------------|
| | 61 3308 0012 | SAL/ 2x1/2" | 16 - 17 | 27 | 62 | 39 | | | 20 500 30 | |
| | 61 3308 0078 | SAL/ 2x7/8" | 27 - 29 | 38 | 84 | 39 | | | 20 100 40 | |
| | 61 3308 0114 | SAL/ 2x1.1/4" | 38 - 40 | 50 | 102 | 39 | | | 20 100 75 | |
| | 61 3308 0158 | SAL/ 2x1.5/8" | 50 - 52 | 61 | 119 | 39 | | | 20 100 100 | |

BCO - Bussola compensatrice

Si usa quando una sede della sella
SAL resta libera

Materiale: H.D.P.E. - U.V. resistente
Colore: nero, (grigio a richiesta)



BCO - Compensating Bush

To be inserted when a seat of the
SAL saddle is not used

Material: H.D.P.E. - U.V. proof
Colour: black, (grey on request)

BCO - Ergänzungs Buchse

Verwendbar wenn ein Sitz der
SAL-Wanne frei bleibt

Material: H.D.P.E. - U.V. beständig
Farbe: schwarz, (grau auf Anfrage)

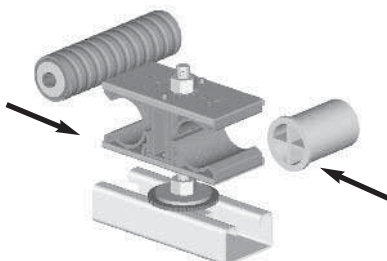
BCO - Manchon de compensation

A utiliser lorsque un siège de la garniture
SAL n'est pas utilisé

Matériel: H.D.P.E. - Résistant aux rayons U.V.
Couleur: noir, (gris sur demande)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|----|--|--|-----------|----------------------------------|
| | 61 3309 0012 | BCO 1/2" | 17 | 45 | | | 10 100 15 | |
| | 61 3309 0078 | BCO 7/8" | 28 | 45 | | | 10 100 20 | |
| | 61 3309 0114 | BCO 1.1/4" | 40 | 45 | | | 10 100 35 | |
| | 61 3309 0158 | BCO 1.5/8" | 52 | 45 | | | 10 100 45 | |

Esempi di combinazione
Combination examples



Kombination beispiele
Exemples de combinaison

LCO - Fissacavi rapidi per piatto forato

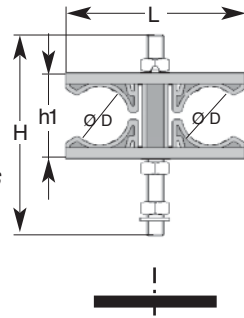
Inserimento laterale del cavo
Prefissaggio rapido elastico
Bloccaggio finale manuale

Composizione:
Sella **SAL** + perno filettato M8 + dadi + rondelle

LCO - Schnellmontagen an gelochtes Flacheisen

Seitliche Kabeleinführung
Elastische Vorbefestigung
Handliche Endbefestigung

Zusammenbau:
SAL Wannen + Gewindest. M8 + Muttern + Scheiben



LCO - Quick-fit Fasteners for flat with holes

Side insertion of cables
Elastic prefixing
Manual final locking

Composition:
SAL Saddle + M8 threaded bar + nuts + washers

LCO - Fixations rapides sur plat avec trous

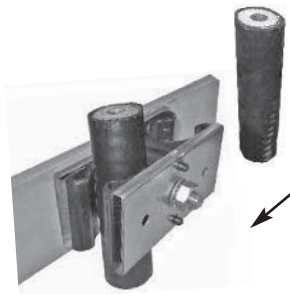
Insertion latérale des câbles
Préfixation élastique
Blocage final manuel

Composition:
Garniture **SAL** + tige fil. M8 + écrous + rondelles

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|-----|----|--|-----|----------------------------------|
| 2 Cavi 2 Kabel | 61 1562 2012 | LCO/ 2x1/2" | 15-17 | 75 | 30 | 62 | 20 | | 150 | |
| | 61 1562 2078 | LCO/ 2x7/8" | 27-29 | 75 | 41 | 84 | 20 | | 165 | |
| | 61 1562 2114 | LCO/ 2x1.1/4" | 38-40 | 100 | 53 | 102 | 20 | | 195 | |
| | 61 1562 2158 | LCO/ 2x1.5/8" | 50-52 | 100 | 64 | 119 | 20 | | 215 | |
| 4 Cavi 4 Kabel | 61 1562 4012 | LCO/ 4x1/2" | 15-17 | 100 | 54 | 62 | 20 | | 185 | |
| | 61 1562 4078 | LCO/ 4x7/8" | 27-29 | 125 | 79 | 84 | 20 | | 204 | |
| | 61 1562 4114 | LCO/ 4x1.1/4" | 38-40 | 150 | 103 | 102 | 20 | | 265 | |
| | 61 1562 4158 | LCO/ 4x1.5/8" | 50-52 | 200 | 125 | 119 | 20 | | 305 | |
| 6 Cavi 6 Kabel | 61 1562 6012 | LCO/ 6x1/2" | 15-17 | 125 | 84 | 62 | 20 | | 215 | |
| | 61 1562 6078 | LCO/ 6x7/8" | 27-29 | 150 | 117 | 84 | 20 | | 245 | |
| | 61 1562 6114 | LCO/ 6x1.1/4" | 38-40 | 200 | 153 | 102 | 20 | | 335 | |
| | 61 1562 6158 | LCO/ 6x1.5/8" | 50-52 | 250 | 186 | 119 | 20 | | 385 | |

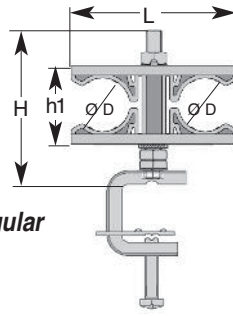
Esempio di fissaggio piatti forati
Fixings example on flat iron with holes

Befestigung-Beispiel an Flacheisen
Exemple de fixations sur fer plat avec trous



LCC - Fissacavi rapidi per piatti, tondi e angolari
Inserimento laterale del cavo
Prefissaggio rapido elastico
Bloccaggio finale manuale
 Composizione:
LCO + Morsetto monoblocco MCM 8

LCC - Schnellmontagen an Flach, Rund, Winkeleisen
Seitliche Kabeleinführung
Elastische Vorbefestigung
Handliche Endbefestigung
 Zusammenbau:
LCO + MCM 8 Kompakt-Klemme



LCC - Quick-fit Fasteners for flat, round and angular
Side insertion of cables
Elastic prefixing
Manual final locking
 Composition:
LCO + MCM 8 compact Clamp

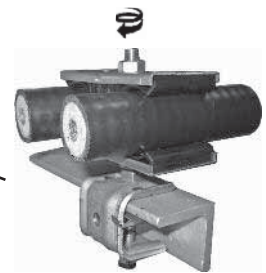
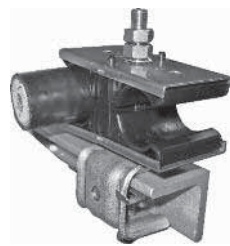
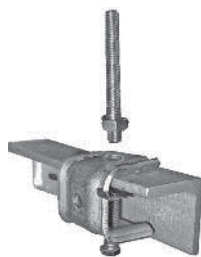
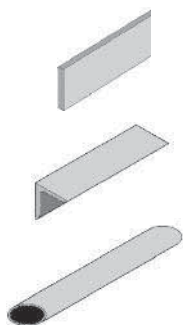
LCC - Fixations rapides sur plat, rond et cornière
Insertion latérale des câbles
Préfixation élastique
Blocage final manuel
 Composition:
LCO + Attache compacte MCM 8



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|--|---------------------------------------|---|-------|-----|-----|-----|--|--|-----|----------------------------------|
| 2 Cavi 2 Kabel h1 H 2 Cables 2 Câbles | 61 1563 2012 | LCC/ 2x1/2" | 15-17 | 75 | 30 | 62 | | | 240 | |
| | 61 1563 2078 | LCC/ 2x7/8" | 27-29 | 75 | 41 | 84 | | | 250 | |
| | 61 1563 2114 | LCC/ 2x1.1/4" | 38-40 | 100 | 53 | 102 | | | 280 | |
| | 61 1563 2158 | LCC/ 2x1.5/8" | 50-52 | 100 | 64 | 119 | | | 310 | |
| 4 Cavi 4 Kabel h1 H 4 Cables 4 Câbles | 61 1563 4012 | LCC/ 4x1/2" | 15-17 | 100 | 54 | 62 | | | 270 | |
| | 61 1563 4078 | LCC/ 4x7/8" | 27-29 | 125 | 79 | 84 | | | 290 | |
| | 61 1563 4114 | LCC/ 4x1.1/4" | 38-40 | 150 | 103 | 102 | | | 350 | |
| | 61 1563 4158 | LCC/ 4x1.5/8" | 50-52 | 200 | 125 | 119 | | | 390 | |
| 6 Cavi 6 Kabel h1 H 6 Cables 6 Câbles | 61 1563 6012 | LCC/ 6x1/2" | 15-17 | 125 | 84 | 62 | | | 300 | |
| | 61 1563 6078 | LCC/ 6x7/8" | 27-29 | 150 | 117 | 84 | | | 330 | |
| | 61 1563 6114 | LCC/ 6x1.1/4" | 38-40 | 200 | 153 | 102 | | | 420 | |
| | 61 1563 6158 | LCC/ 6x1.5/8" | 50-52 | 250 | 186 | 119 | | | 470 | |

Esempio di fissaggio su angolare
Fixings example on angular

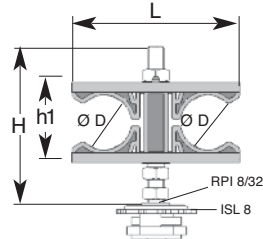
Befestigung-Beispiel an Winkel Eisen
Exemple de fixations sur cornière



LCP - Fissacavi rapidi per profilato PCI 40x22

Inserimento laterale del cavo
Prefissaggio rapido elastico
Bloccaggio finale manuale

Composizione:
LCO + inserto scorrevole ISL 8



LCP - Schnellmontage für C-Profil 40x22

Seitliche Kabeleinführung
Elastische Vorbefestigung
Handliche Endbefestigung

Zusammenbau:
LCO + ISL 8 Schnellmontagemutter

LCP - Quick-fit Fasteners for PCI 40x22 section

Side insertion of cables
Elastic prefixing
Manual final locking

Composition:
LCO + ISL 8 sliding Insert



LCP - Fixations rapide pour profilé PCI 40x22

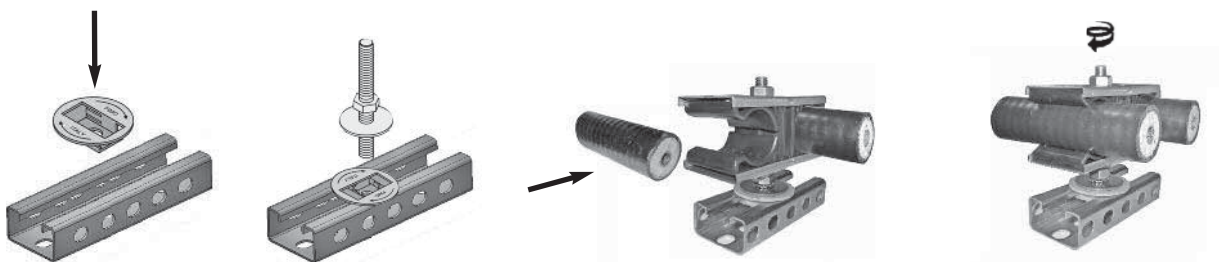
Insertion latérale des câbles
Préfixation élastique
Blocage final manuel

Composition:
LCO + adaptateur rapide ISL 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|--|---------------------------------------|---|-------|-----|-----|-----|--|--|-------|----------------------------------|
| <p>2 Cavi 2 Kabel</p> <p>h1 H</p> <p>2 Cables 2 Câbles</p> | 61 1564 2012 | LCP/ 2x1/2" | 15-17 | 75 | 30 | 62 | | | 175 | |
| | 61 1564 2078 | LCP/ 2x7/8" | 27-29 | 100 | 41 | 84 | | | 185 | |
| | 61 1564 2114 | LCP/ 2x1.1/4" | 38-40 | 100 | 53 | 102 | | | 215 | |
| | 61 1564 2158 | LCP/ 2x1.5/8" | 50-52 | 125 | 64 | 119 | | | 245 | |
| <p>4 Cavi 4 Kabel</p> <p>h1 H</p> <p>4 Cables 4 Câbles</p> | 61 1564 4012 | LCP/ 4x1/2" | 15-17 | 100 | 54 | 62 | | | 205 | |
| | 61 1564 4078 | LCP/ 4x7/8" | 27-29 | 125 | 79 | 84 | | | 225 | |
| | 61 1564 4114 | LCP/ 4x1.1/4" | 38-40 | 200 | 103 | 102 | | | 285 | |
| | 61 1564 4158 | LCP/ 4x1.5/8" | 50-52 | 200 | 125 | 119 | | | 345 | |
| <p>6 Cavi 6 Kabel</p> <p>h1 H</p> <p>6 Cables 6 Câbles</p> | 61 1564 6012 | LCP/ 6x1/2" | 15-17 | 150 | 84 | 62 | | | 235 | |
| | 61 1564 6078 | LCP/ 6x7/8" | 27-29 | 200 | 117 | 84 | | | 265 | |
| | 61 1564 6114 | LCP/ 6x1.1/4" | 38-40 | 250 | 153 | 102 | | | 355 | |
| | 61 1564 6158 | LCP/ 6x1.5/8" | 50-52 | 250 | 186 | 119 | | | 445 | |

Esempio di fissaggio su profilati a "C"
Fixings example on "C"-profiles

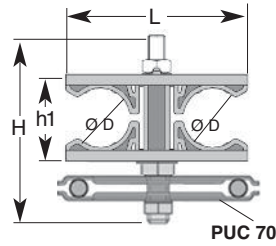
Befestigung-Beispiel an "C"-Profil
Exemple de fixations sur profilé "C"



LCL - Fissacavi rapidi per passerelle in filo

Inserimento laterale del cavo
Prefissaggio rapido elastico
Bloccaggio finale manuale

Composizione:
LCO + 2 piastre di spinta PUC 70



LCL - Schnellmontageschellen für Gitterbahnen

Seitliche Kabeleinführung
Elastische Vorbefestigung
Handliche Endbefestigung

Zusammenbau:
LCO + 2 PUC 70 Druckplatte

LCL - Quick-fit Fasteners

Side insertion of cables
Elastic prefixing
Manual final locking

Composition:
LCO + 2 PUC 70 steel pressure plates



LCL - Fixations rapides pour chemins de câbles en treillis

Insertion latérale des câbles
Préfixation élastique
Blocage final manuel

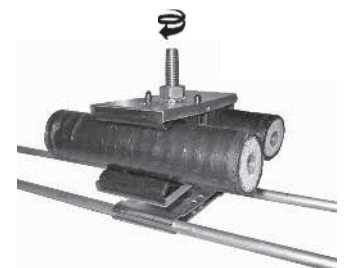
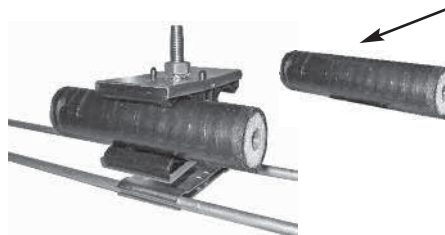
Composition:
LCO + 2 plaques de compression PUC 70

1

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø D | H | h1 | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-----|-----|-----|--|--|-------|----------------------------------|
| 2 Cavi 2 Kabel h1 H | 61 1576 2012 | LCL/ 2x1/2" | 15-17 | 75 | 30 | 62 | | | 200 | |
| | 61 1576 2078 | LCL/ 2x7/8" | 27-29 | 75 | 41 | 84 | | | 215 | |
| | 61 1576 2114 | LCL/ 2x1.1/4" | 38-40 | 100 | 53 | 102 | | | 245 | |
| | 61 1576 2158 | LCL/ 2x1.5/8" | 50-52 | 100 | 64 | 119 | | | 280 | |
| 4 Cavi 4 Kabel h1 H | 61 1576 4012 | LCL/ 4x1/2" | 15-17 | 100 | 54 | 62 | | | 235 | |
| | 61 1576 4078 | LCL/ 4x7/8" | 27-29 | 125 | 79 | 84 | | | 260 | |
| | 61 1576 4114 | LCL/ 4x1.1/4" | 38-40 | 150 | 103 | 102 | | | 330 | |
| | 61 1576 4158 | LCL/ 4x1.5/8" | 50-52 | 200 | 125 | 119 | | | 400 | |
| 6 Cavi 6 Kabel h1 H | 61 1576 6012 | LCL/ 6x1/2" | 15-17 | 125 | 84 | 62 | | | 270 | |
| | 61 1576 6078 | LCL/ 6x7/8" | 27-29 | 150 | 117 | 84 | | | 305 | |
| | 61 1576 6114 | LCL/ 6x1.1/4" | 38-40 | 200 | 153 | 102 | | | 410 | |
| | 61 1576 6158 | LCL/ 6x1.5/8" | 50-52 | 250 | 186 | 119 | | | 510 | |

Esempio di fissaggio su passerelle fissacavi in filo d'acciaio
Fixings example on steel wire-mesh cable trays

Befestigung-Beispiel für Gitterbahnen
Example de fixations sur chemins de câble en treillis



MCO-MCC-MCP-MCL

Mini fissacavi universali per RF, RG e FO

Versioni:

- ① MCO per piatto forato
- ② MCC per piatto, tondo e angolare
- ③ MCP per profilato PCI 40/22
- ④ MCL per passerelle portacavi in filo d'acciaio

Composizione:

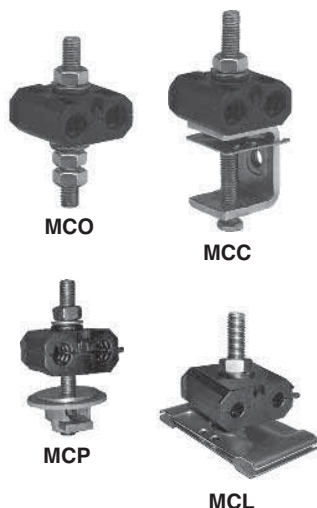
- 1 - Bi-Sella calibrata SAC di P.A. 6
- 2 - Barra filettata - BFI M8
- 3 - Dadi esagonali DAI 8
- 4 - Rondelle piane RPI
- 5 - Cerniera flessibile

Impiego:

Fissaggio 1 - 6 cavi coassiali.
Fissaggio di cavi RG e FO.

Materiale:

Acciaio INOX AISI 304.
P.A. 6 - resistente a U.V.
Colore: nero (grigio a richiesta).



MCO-MCC-MCP-MCL

Universal- Mini-Klemmen für RF, RG und LWL

Versionen:

- ① MCO für gelochtes Flacheisen
- ② MCC für Flach-, Rund-, Winkeleisen
- ③ MCP für Profil PCI 40/22
- ④ MCL für Gitterbahnen

Zusammenbau:

- 1 - SAC Kalibrierte Doppelwanne P.A. 6
- 2 - Gewindestange - BFI M8
- 3 - DAI 8 Muttern
- 4 - RPI Rondellen
- 5 - Flexibles Scharniergelenk

Einsatz:

Befestigung von 1 - 6 Koaxialkabeln.
Befestigung von RG Kabel und LWL.

Material:

Stahl AISI 304 (V2A).
P.A. 6 U.V. - beständig
Farbe: schwarz (grau auf Anfrage).

MCO-MCC-MCP-MCL

Universal Mini-Clamps for RF, RG, and FO

Versions:

- ① MCO for flat iron with holes
- ② MCC for flat, round, angular
- ③ MCP for profile PCI 40/22
- ④ MCL for steel wire cable trays

Components:

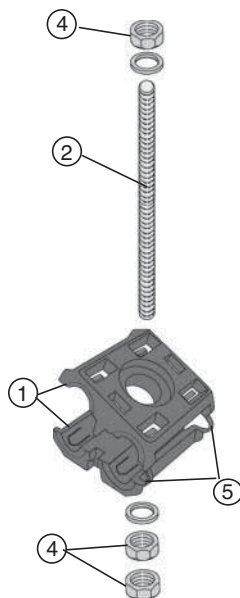
- 1 - SAC Calibrated double Saddles P.A. 6
- 2 - Threaded bar - BFI M8
- 3 - DAI 8 Hexagonal Nuts
- 4 - RPI Washers
- 5 - Flexible Hinge

Use:

Fixing 1 to 6 coaxial cables.
Fixing for RG and FO cables.

Material:

Stainless steel AISI 304.
P.A. 6 - U.V. proof.
Colour: black (grey on request).



MCO-MCC-MCP-MCL

Mini fixations universelles pour RF, RG et FO

Versions:

- ① MCO pour fer plat avec trous
- ② MCC pour plat, rond et cornière
- ③ MCP pour profilé PCI 40/22
- ④ MCL pour structures en fil acier

Composition:

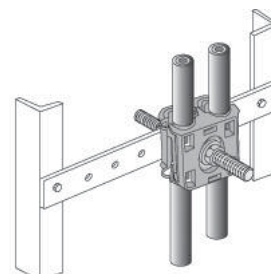
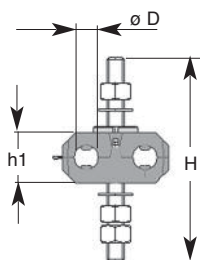
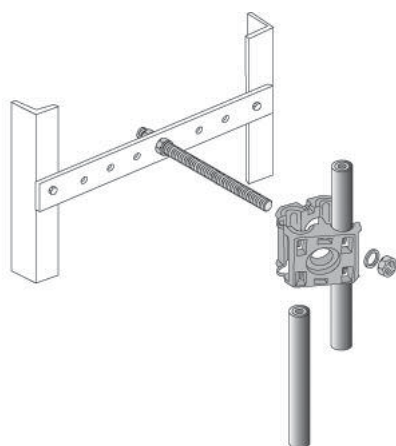
- 1 - Garniture calibrée SAC en P.A. 6
- 2 - Tige filetée - BFI M8
- 3 - Ecrous hexagonaux DAI 8
- 4 - Rondelles RPI
- 5 - Charnière flexible

Emploi:

fixation de 1 à 6 câbles coaxiaux.
Fixation de câbles RG et FO

Matériel:

Inox AISI 304.
P.A. 6 - résistant aux U.V.
Couleur: noir (gris sur demande).



SAC - Bi-selle calibrate per RF, RG e FO

Miniselle doppie destinate al fissaggio di cavi di piccolo diametro. Sono costituite da due semiselle calibrate, incernierate tra loro. Vengono chiuse a scatto su una **coppia di cavi**, restandovi bloccate.

I due cavi, così trattenuti, vengono trascinati al punto di fissaggio ed ivi bloccati definitivamente mediante perni filettati o viti M8.

I cavi sono trattenuti delicatamente grazie alla particolare geometria interna delle miniselle **SAC**, che sono particolarmente raccomandate per cavi RG e FO.

Materiale:

P.A. 6 - resistente ai raggi U.V. (-30°C ÷ +120°C)

Colore: nero (grigio a richiesta).



SAC - Calibr. Double Saddles for RF, RG and FO

Mini double saddles are used for small diameter cables. They consist of two hinged calibrated half saddles that snap down on **couples of cables**, remaining blocked on the cables to be fixed.

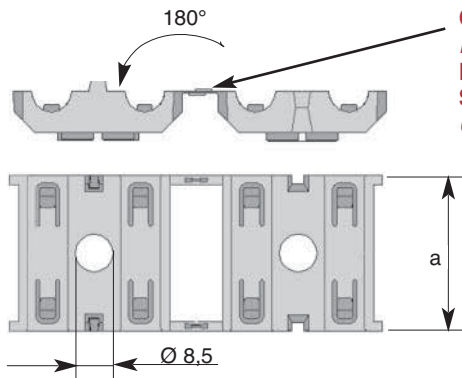
The two cables, can be led to the fixing point, and finally blocked there, through M8 threaded bars or screws. Cables are gently held, thanks to the internal special geometry of the saddles.

SAC are specially recommended for RG and FO cables.

Material:

P.A. 6 - U.V. proof (-30°C ÷ +120°C)

Colour: black (grey on request).



Cerniera flessibile
Flexible hinge
Flexibeles
Scharniergelenk
Charnière flexible

SAC - Kaliber Doppelwannen für RF, RG und LWL

Die Mini-Doppelwannen sind besonders für kleine Kabel-durchmesser geeignet. Die zwei Halbschalen werden durch ein flexibles Scharniergelenk zusammengehalten. Sie werden jeweils auf **zwei Kabel** aufgesetzt und eingerastet.

Die zwei Kabel werden so gehalten, an die Befestigungsstelle geführt und mittels M8 Gewindestangen oder Schrauben befestigt. Die Kabel werden schonend geführt dank der elastischen Innenflügel der Schellensätteln.

SAC-Schellen sind besonders für RG-Kabel und LWL geeignet.

Material:

P.A. 6 - U.V. beständig (-30°C ÷ +120°C)

Farbe: schwarz (grau auf Anfrage).

SAC - Garnitures doubles calibr. pour RF, RG et FO

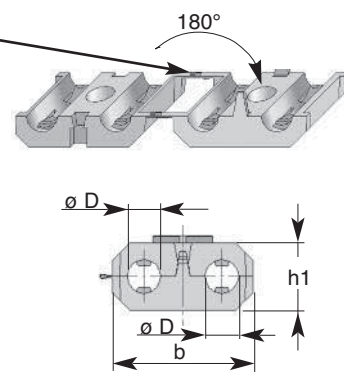
Mini-garnitures doubles destinées à la fixation de câbles de petit diamètre, composées par deux demi-garnitures reliées par une charnière flexible. Elles sont fermées par déclenchement sur un **couple de câbles**. Les deux câbles, sont entraînés jusqu'au point de fixation et bloqués définitivement par tiges filetées ou vis M8. Les câbles sont maintenus délicatement grâce à la forme calibrée de la garniture.

La garniture **SAC** est particulièrement indiquée pour les câbles RG et FO

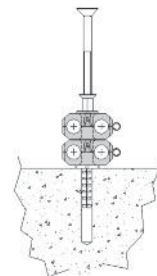
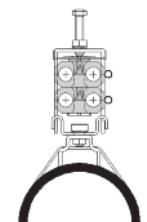
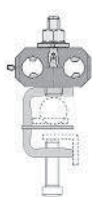
Matériel:

P.A. 6 - résistant aux rayons U.V. (-30°C ÷ +120°C)

Couleur: noir (gris sur demande).



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | h1 | a | b | | | | | | g | Prezzo Price Preis Prix | |
|---|---------------------------------------|---|---------|------|----|----|--|--|--|--|--|----|----------------------------------|----|
| 2 Cavi 2 Kabel h1 2 Cables 2 Câbles | 61 3307 7206 | SAC 6x2 | 5 - 6 | 18,5 | 35 | 38 | | | | | | 20 | 500 | 12 |
| | 61 3307 7208 | SAC 8x2 | 7 - 8 | 18,5 | 35 | 38 | | | | | | 20 | 500 | 12 |
| | 61 3307 7209 | SAC 9x2 | 8 - 9 | 18,5 | 35 | 38 | | | | | | 20 | 500 | 12 |
| | 61 3307 7210 | SAC 10x2 | 9 - 10 | 18,5 | 35 | 38 | | | | | | 20 | 500 | 12 |
| | 61 3307 7211 | SAC 11x2 | 10 - 11 | 18,5 | 35 | 38 | | | | | | 20 | 500 | 12 |



MCO - Mini fissacavi per piatto forato

Composizione:
Sella **SAC** + perno filettato M8 + dadi + rondelle



MCO - Mini-Klemmen für gelochtes Flacheisen




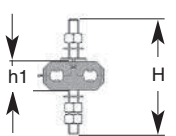















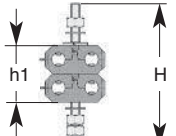















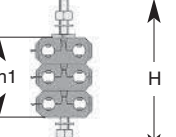















Zusammenbau:
SAC Wanne + Gewindest. M8 + Muttern + Scheiben

MCO - Mini-Clamps for flat iron with holes

Composition:
SAC Saddle + M8 threaded bar + nuts + washers

MCO - Mini fixation pour fer plat avec trous

Composition:
Garniture **SAC** + tige fil. M8 + écrous + rondelles

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 |  |  |  | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|------|---|---|---|----|----------------------------------|
| <p>2 Cavi 2 Kabel</p>  | 61 1569 0206 | MCO 2 x 6 | 5 - 6 | 50 | 18,5 |  |  |  | 45 | |
| | 61 1569 0208 | MCO 2 x 8 | 7 - 8 | 50 | 18,5 |  |  |  | 45 | |
| | 61 1569 0209 | MCO 2 x 9 | 8 - 9 | 50 | 18,5 |  |  |  | 45 | |
| | 61 1569 0210 | MCO 2 x 10 | 9 - 10 | 50 | 18,5 |  |  |  | 45 | |
| | 61 1569 0211 | MCO 2 x 11 | 10 - 11 | 50 | 18,5 |  |  |  | 45 | |
| <p>4 Cavi 4 Kabel</p>  | 61 1569 0406 | MCO 4 x 6 | 5 - 6 | 75 | 37 |  |  |  | 65 | |
| | 61 1569 0408 | MCO 4 x 8 | 7 - 8 | 75 | 37 |  |  |  | 65 | |
| | 61 1569 0409 | MCO 4 x 9 | 8 - 9 | 75 | 37 |  |  |  | 65 | |
| | 61 1569 0410 | MCO 4 x 10 | 9 - 10 | 75 | 37 |  |  |  | 65 | |
| | 61 1569 0411 | MCO 4 x 11 | 10 - 11 | 75 | 37 |  |  |  | 65 | |
| <p>6 Cavi 6 Kabel</p>  | 61 1569 0606 | MCO 6 x 6 | 5 - 6 | 100 | 55,5 |  |  |  | 85 | |
| | 61 1569 0608 | MCO 6 x 8 | 7 - 8 | 100 | 55,5 |  |  |  | 85 | |
| | 61 1569 0609 | MCO 6 x 9 | 8 - 9 | 100 | 55,5 |  |  |  | 85 | |
| | 61 1569 0610 | MCO 6 x 10 | 9 - 10 | 100 | 55,5 |  |  |  | 85 | |
| | 61 1569 0611 | MCO 6 x 11 | 10 - 11 | 100 | 55,5 |  |  |  | 85 | |

Esempio di fissaggio piatti forati
Fixings example on flat iron with holes

Befestigung-Beispiel an gelochtes Flacheisen
Exemple de fixations sur fer plat avec trous



MCC - Mini fissacavi per piatti, tondi e angolari

Composizione:
MCO + mini morsetto MIM 8



MCC - Mini-Klemmen für Flach, Rund, Winkeleisen

Zusammenbau:
MCO + Miniklemme MIM 8

MCC - Mini-Clamps for flat, round and angular

Composition:
MCO + MIM 8 Mini Clamp



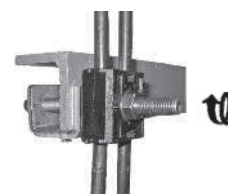
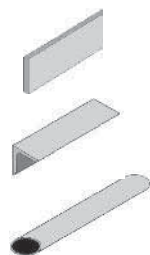
MCC - Mini fixation pour fer plat, rond et cornière

Composition:
MCO + mini fixation MIM 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|------|----|--|-------|----------------------------------|
| <p>2 Cavi 2 Kabel</p> | 61 1570 0206 | MCC 2 x 6 | 5 - 6 | 50 | 18,5 | 20 | | 120 | |
| | 61 1570 0208 | MCC 2 x 8 | 7 - 8 | 50 | 18,5 | 20 | | 120 | |
| | 61 1570 0209 | MCC 2 x 9 | 8 - 9 | 50 | 18,5 | 20 | | 120 | |
| | 61 1570 0210 | MCC 2 x 10 | 9 - 10 | 50 | 18,5 | 20 | | 120 | |
| | 61 1570 0211 | MCC 2 x 11 | 10 - 11 | 50 | 18,5 | 20 | | 120 | |
| <p>4 Cavi 4 Kabel</p> | 61 1570 0406 | MCC 4 x 6 | 5 - 6 | 75 | 37 | 20 | | 140 | |
| | 61 1570 0408 | MCC 4 x 8 | 7 - 8 | 75 | 37 | 20 | | 140 | |
| | 61 1570 0409 | MCC 4 x 9 | 8 - 9 | 75 | 37 | 20 | | 140 | |
| | 61 1570 0410 | MCC 4 x 10 | 9 - 10 | 75 | 37 | 20 | | 140 | |
| | 61 1570 0411 | MCC 4 x 11 | 10 - 11 | 75 | 37 | 20 | | 140 | |
| <p>6 Cavi 6 Kabel</p> | 61 1570 0606 | MCC 6 x 6 | 5 - 6 | 100 | 55,5 | 20 | | 160 | |
| | 61 1570 0608 | MCC 6 x 8 | 7 - 8 | 100 | 55,5 | 20 | | 160 | |
| | 61 1570 0609 | MCC 6 x 9 | 8 - 9 | 100 | 55,5 | 20 | | 160 | |
| | 61 1570 0610 | MCC 6 x 10 | 9 - 10 | 100 | 55,5 | 20 | | 160 | |
| | 61 1570 0611 | MCC 6 x 11 | 10 - 11 | 100 | 55,5 | 20 | | 160 | |

Fissaggi su piatto, angolare e tondo
Fixings on flat, angular and round

Befestigungen an Flach, Winkel und Rund
Fixations sur plat, cornière et rond



MCP - Mini fissacavi per profilato PCI 40x22

Composizione:
MCO + inserto scorrevole ISL 8



MCP - Mini-Klemmen für C-Profilschienen 40x22

Zusammenbau:
MCO + ISL 8 Schnellmontagemutter

MCP - Mini-Clamps for PCI 40x22 section

Composition:
MCO + ISL 8 Sliding insert



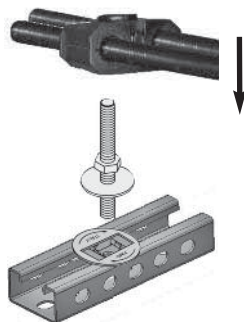
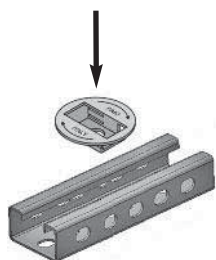
MCP - Mini fixation pour profilé PCI 40x22

Composition:
MCO + adaptateur rapide ISL 8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|------|----|--|-------|----------------------------------|
| <p>2 Cavi 2 Kabel</p> | 61 1568 0206 | MCP 2 x 6 | 5 - 6 | 50 | 18,5 | 20 | | 54 | |
| | 61 1568 0208 | MCP 2 x 8 | 7 - 8 | 50 | 18,5 | 20 | | 54 | |
| | 61 1568 0209 | MCP 2 x 9 | 8 - 9 | 50 | 18,5 | 20 | | 54 | |
| | 61 1568 0210 | MCP 2 x 10 | 9 - 10 | 50 | 18,5 | 20 | | 54 | |
| | 61 1568 0211 | MCP 2 x 11 | 10 - 11 | 50 | 18,5 | 20 | | 54 | |
| <p>4 Cavi 4 Kabel</p> | 61 1568 0406 | MCP 4 x 6 | 5 - 6 | 75 | 37 | 20 | | 74 | |
| | 61 1568 0408 | MCP 4 x 8 | 7 - 8 | 75 | 37 | 20 | | 74 | |
| | 61 1568 0409 | MCP 4 x 9 | 8 - 9 | 75 | 37 | 20 | | 74 | |
| | 61 1568 0410 | MCP 4 x 10 | 9 - 10 | 75 | 37 | 20 | | 74 | |
| | 61 1568 0411 | MCP 4 x 11 | 10 - 11 | 75 | 37 | 20 | | 74 | |
| <p>6 Cavi 6 Kabel</p> | 61 1568 0606 | MCP 6 x 6 | 5 - 6 | 100 | 55,5 | 20 | | 94 | |
| | 61 1568 0608 | MCP 6 x 8 | 7 - 8 | 100 | 55,5 | 20 | | 94 | |
| | 61 1568 0609 | MCP 6 x 9 | 8 - 9 | 100 | 55,5 | 20 | | 94 | |
| | 61 1568 0610 | MCP 6 x 10 | 9 - 10 | 100 | 55,5 | 20 | | 94 | |
| | 61 1568 0611 | MCP 6 x 11 | 10 - 11 | 100 | 55,5 | 20 | | 94 | |

Fissaggi su profilati a "C"
Fixings on "C"-profiles

Befestigungen an "C"-Profil
Fixations sur profilé "C"



MCL - Mini fissacavi da passerelle portacavi in filo

Composizione:
MCO + 2 piastre di spinta PUC 70



MCL - Mini Kabelschellen für Gitterbahnen

Zusammenbau:
MCO + 2 PUC 70 Druckplatte

MCL - Mini Cable Clamps for steel wire-mesh cable trays

Composition:
MCO + 2 PUC 70 steel pressure plates



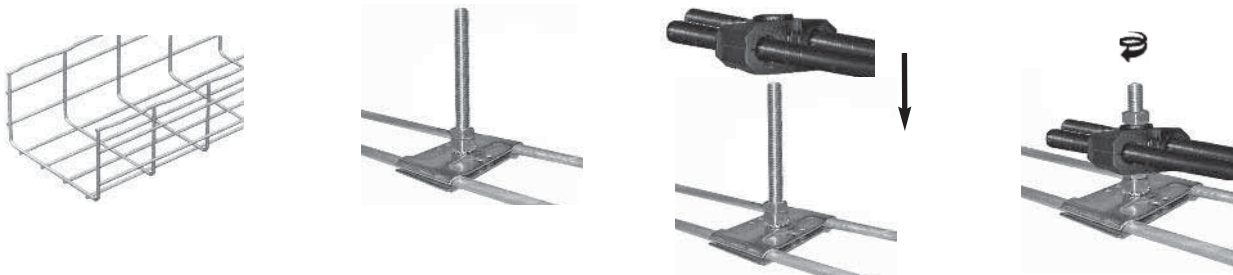
MCL - Mini Fixations pour chemins de câble en treillis

Composition:
MCO + 2 plaques de compression PUC 70

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | H | h1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|-----|------|----|--|-----|----------------------------------|
| <p>2 Cavi 2 Kabel</p> | 61 1574 0206 | MCL 2 x 6 | 5 - 6 | 50 | 18,5 | 20 | | 62 | |
| | 61 1574 0208 | MCL 2 x 8 | 7 - 8 | 50 | 18,5 | 20 | | 62 | |
| | 61 1574 0209 | MCL 2 x 9 | 8 - 9 | 50 | 18,5 | 20 | | 62 | |
| | 61 1574 0210 | MCL 2 x 10 | 9 - 10 | 50 | 18,5 | 20 | | 62 | |
| | 61 1574 0211 | MCL 2 x 11 | 10 - 11 | 50 | 18,5 | 20 | | 62 | |
| <p>4 Cavi 4 Kabel</p> | 61 1574 0406 | MCL 4 x 6 | 5 - 6 | 75 | 37 | 20 | | 85 | |
| | 61 1574 0408 | MCL 4 x 8 | 7 - 8 | 75 | 37 | 20 | | 85 | |
| | 61 1574 0409 | MCL 4 x 9 | 8 - 9 | 75 | 37 | 20 | | 85 | |
| | 61 1574 0410 | MCL 4 x 10 | 9 - 10 | 75 | 37 | 20 | | 85 | |
| | 61 1574 0411 | MCL 4 x 11 | 10 - 11 | 75 | 37 | 20 | | 85 | |
| <p>6 Cavi 6 Kabel</p> | 61 1574 0606 | MCL 6 x 6 | 5 - 6 | 100 | 55,5 | 20 | | 110 | |
| | 61 1574 0608 | MCL 6 x 8 | 7 - 8 | 100 | 55,5 | 20 | | 110 | |
| | 61 1574 0609 | MCL 6 x 9 | 8 - 9 | 100 | 55,5 | 20 | | 110 | |
| | 61 1574 0610 | MCL 6 x 10 | 9 - 10 | 100 | 55,5 | 20 | | 110 | |
| | 61 1574 0611 | MCL 6 x 11 | 10 - 11 | 100 | 55,5 | 20 | | 110 | |

Fissaggi su passerelle fissacavi in filo d'acciaio
Fixings on steel wire cable trays

Befestigungen an Gitterbahnen
Fixations sur structures en fil acier



bRF.. - Fissacavi autobloccanti completi di selle calibrate, in acciaio inox

Fissacavi in acciaio inox adatti al fissaggio di cavi e tubi di grande diametro. Particolarmente raccomandati per cavi coassiali del broadcasting.

Versioni:

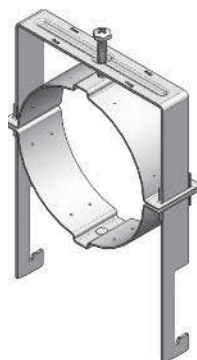
- ① **bRF..A5** aggancio ad angolare 50x50 mm
- ② **bRF..C** aggancio su profilato **PCI 40x22**
- ③ **bRF..M** aggancio su piatto 5-25 e tondo 8-25

Impiego:

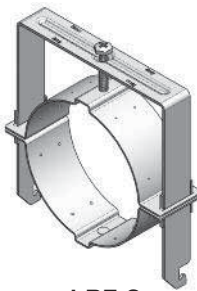
Per 1 cavo o tubo diametro = D

Materiale:

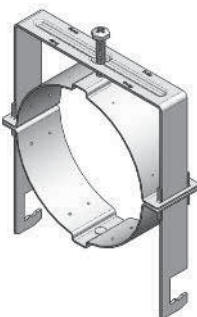
Acciaio INOX AISI 304.



bRF A5..



bRF C..



bRF M..

bRF.. - Selbstsichernde Edelstahlschellen mit kalibrierten Wannen

Edelstahlschellen für die Verlegung von grossen Kabel- und Rohrdurchmesser. Besonders empfehlbar für Koaxkabeln in Broadcasting Anlagen.

Versionen:

- ① **bRF..A5** Montage auf Winkleisen 50x50 mm
- ② **bRF..C** Montage auf **C-Profileschienen 40x22**
- ③ **bRF..M** Montage auf Flach- 5-25 und Rundmat. 8-25 mm

Einsatz:

Für 1 Kabel oder Rohr, Durchmesser = D

Material:

Stahl AISI 304 (V2A).

bRF.. - Self-Locking Cable Clamps complete with Calibrated Stainless Steel Saddles

Stainless Steel Clamps for large Cable and Pipe diameters. Recommended for coax cables in broadcasting installations.

Versions:

- ① **bRF..A5** hooking on flat 50x50 mm angular
- ② **bRF..C** hooking on **PCI 40x22** section
- ③ **bRF..M** hooking on flat 5-25 and rond 8-25

Use:

For 1 cable or tube diam. = D

Material:

AISI 304 Stainless steel.

bRF.. - Attaches inox auto-arrêtantes Avec garnitures calibrées d'acier

Attaches de acier inox pour câble et tuyaux de grandes diamètres. Raccmandé pour l'installation de cables coaxiales de broadcasting.

Versions:

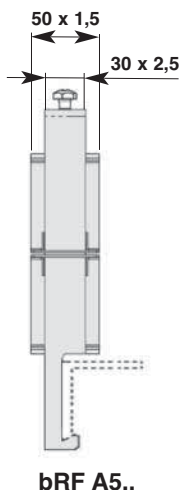
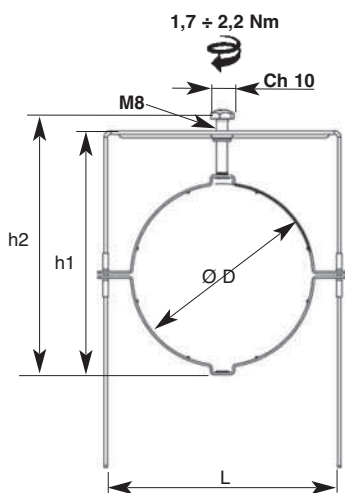
- ① **bRF..A5** accrochage sur cornière 50x50 mm
- ② **bRF..C** accrochage sur profile **PCI 40x22**
- ③ **bRF..M** accrochage sur plat 5-25 et rond 8-25 mm

Emploi:

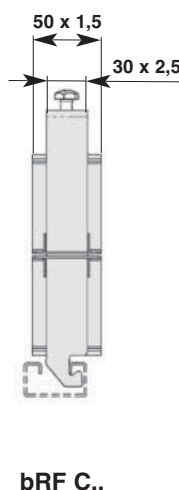
Pour 1 câble ou tuyau diam. = D

Matériel:

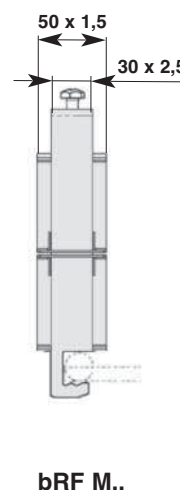
Inox AISI 304 .



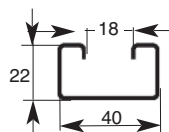
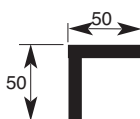
bRF A5..



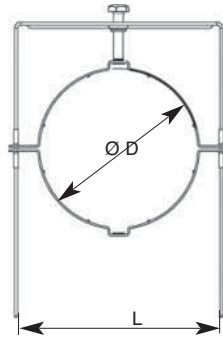
bRF C..



bRF M..



bRF..A - bRF..C - bRF..M
Fissacavi autobloccanti
con selle calibrate in acciaio inox



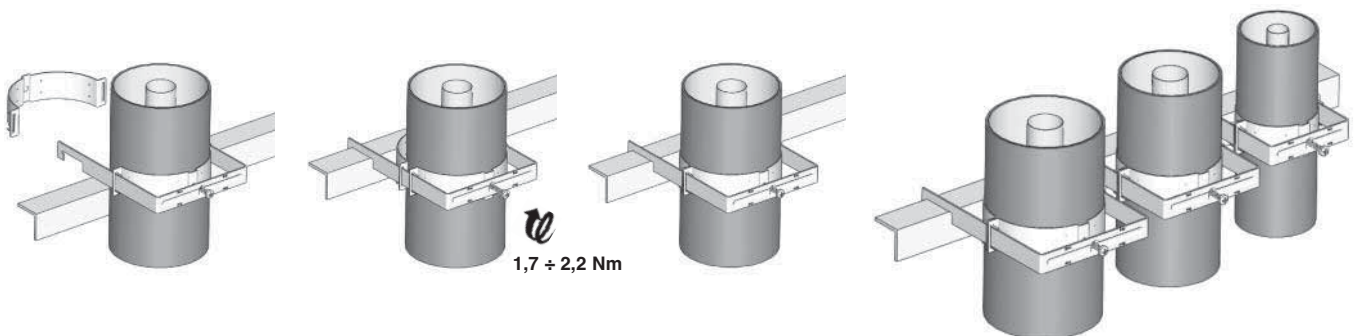
bRF..A - bRF..C - bRF..M
Selbstsichernde Kabelschellen
mit kalibrierten Edelstahlwannen

bRF..A - bRF..C - bRF..M
Self-Locking Cable Clamps
with Stainless Steel Calibrated Saddles

bRF..A - bRF..C - bRF..M
Attaches auto-arrêtantes
avec garnitures calibrées en acier inox



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | per/for Für/pour | | Ø D | L | h1 | h2 | g | g | g |
|---|---------------------------------------|---|---------------------|-----------------|-----------|-----|-----|-----|----|---|------|
| | | | RFS | Andrew | | | | | | | |
| bRF A5 | 61 1500 0090 | bRF A5/ 1x90 | 3.1/8" HCA318 | - | 89 - 91 | 137 | 141 | 150 | 10 | | 1555 |
| | 61 1500 0102 | bRF A5/ 1x102 | - | 4" HJ11 | 101 - 103 | 137 | 141 | 162 | 10 | | 1597 |
| | 61 1500 0115 | bRF A5/ 1x115 | 4.1/8" HCA418 | - | 114 - 116 | 137 | 141 | 175 | 10 | | 1649 |
| | 61 1500 0132 | bRF A5/ 1x132 | - | 5" HJ9 HJ9HP | 131 - 134 | 169 | 180 | 192 | 10 | | 1974 |
| | 61 1500 0147 | bRF A5/ 1x147 | 5" HCA500 | - | 146 - 148 | 169 | 180 | 207 | 10 | | 2030 |
| | 61 1500 0169 | bRF A5/ 1x169 | 6.1/8" HCA618 | - | 168 - 170 | 191 | 207 | 229 | 10 | | 2284 |
| bRF C | 61 1501 0090 | bRF C/ 1x90 | 3.1/8" HCA318 | - | 89 - 91 | 137 | 141 | 150 | 10 | | 1520 |
| | 61 1501 0102 | bRF C/ 1x102 | - | 4" HJ11 | 101 - 103 | 137 | 141 | 162 | 10 | | 1565 |
| | 61 1501 0115 | bRF C/ 1x115 | 4.1/8" HCA418 | - | 114 - 116 | 137 | 141 | 175 | 10 | | 1615 |
| | 61 1501 0132 | bRF C/ 1x132 | - | 5" HJ9 HJ9HP | 131 - 134 | 169 | 181 | 192 | 10 | | 1939 |
| | 61 1501 0147 | bRF C/ 1x147 | 5" HCA500 | - | 146 - 148 | 169 | 181 | 207 | 10 | | 1996 |
| | 61 1501 0169 | bRF C/ 1x169 | 6.1/8" HCA618 | - | 168 - 170 | 191 | 208 | 229 | 10 | | 2250 |
| bRF M | 61 1502 0090 | bRF M/ 1x90 | 3.1/8" HCA318 | - | 89 - 91 | 137 | 142 | 150 | 10 | | 1539 |
| | 61 1502 0102 | bRF M/ 1x102 | - | 4" HJ11 | 101 - 103 | 137 | 142 | 162 | 10 | | 1585 |
| | 61 1502 0115 | bRF M/ 1x115 | 4.1/8" HCA418 | - | 114 - 116 | 137 | 142 | 175 | 10 | | 1631 |
| | 61 1502 0132 | bRF M/ 1x132 | - | 5" HJ9 HJ9HP | 131 - 134 | 169 | 179 | 192 | 10 | | 1918 |
| | 61 1502 0147 | bRF M/ 1x147 | 5" HCA500 | - | 146 - 148 | 169 | 179 | 207 | 10 | | 1974 |
| | 61 1502 0169 | bRF M/ 1x169 | 6.1/8" HCA618 | - | 168 - 170 | 191 | 201 | 229 | 10 | | 2257 |



OX - Fissacavi per conduttori elettrici e tubi bloccaggio sicuro antisfondamento (brev.)

I fissacavi della serie OX servono per fissare cavi e tubi a strutture diverse.
I fissacavi OX sono muniti di selle **SEP** con profilo interno a "V". Ciò permette di fissare cavi e tubi di diametri diversi per ogni misura di morsetto, semplificando così il magazzino.

Materiale:
Acciaio inossidabile AISI 304.
Selle P.A. rinforzato con fibra di vetro, grigia.

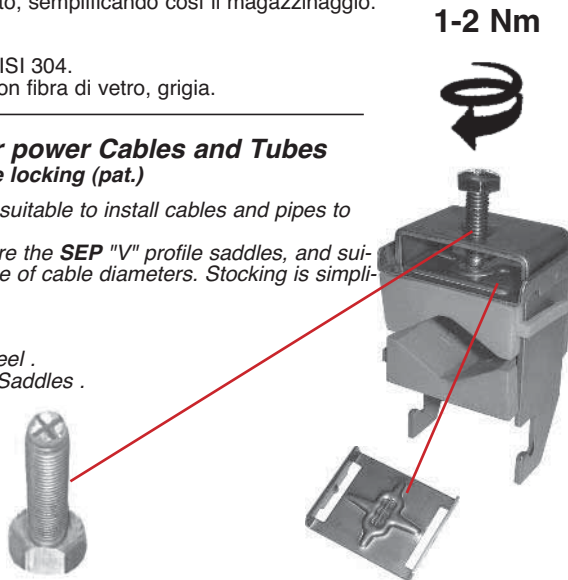
OX - Clamps for power Cables and Tubes sure and safe locking (pat.)

OX cable clamps are suitable to install cables and pipes to different structures.
OX cable clamps bear the **SEP** "V" profile saddles, and suitable for a large range of cable diameters. Stocking is simplified.

Material:
AISI 304 Stainless Steel.
Fiberglass P.A., grey Saddles .

Vite di spinta autobloccante (brev.)
Self-locking pressure screw (pat.)
Selbstsichernde Druckschraube (pat.)
Vis de fixation auto-arrêtante (brev.)

Piastrina reggispinta nervata (brev.)
Large ribbed pressure plate (pat.)
Große gekerbte Druckplatte (pat.)
Plaque de pression avec nervures (brev.)



OX - Schellen für Elektro-Kabel und Verlegerohre rutschfest und überdrucksicher (pat.)

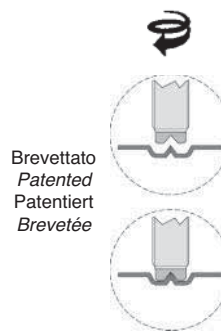
OX Kabelschellen eignen sich besonders für die Verlegung von Elektrokabeln und Schutzrohren.
Die "V"-Profilwanne **SEP** deckt einen grossen Durchmesserbereich ab. Durch kleinere Sortimenthaltung auch sehr positiv für die Logistik.

Material:
Metallteile AISI 304 (V2A).
Wannen P.A. glasfaserverstärkt, grau.

OX - Attaches pour câbles électriques et tuyaux sûres et antiécrasement (brev.)

Les attaches type OX sont équipées avec des garnitures à profil à "V" **SEP**. Permettant la fixation de câbles électriques et tubes de diamètres variés.
Le magasinage est simplifié.

Matériel:
Acier inox AISI 304.
Garnitures P.A. avec fibre de verre, gris.



Installazione comoda
rapida e sicura
Vite autobloccante

Easy, quick and safe installation
Self-locking screw

Leichte, sichere und schnelle Verlegung
Selbstsichernde Schraube

Accrochage facile rapide et sûr
Vis auto-arrêtante

SEP - Selle con profilo a "V"

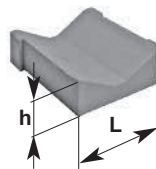
Le selle SEP, dei fissacavi della serie OX, presentano un profilo a "V" largo. Questo permette l'adattamento a grandi escursioni di diametri per il fissaggio di cavi elettrici e tubi.

Materiale:
Selle P.A. rinforzato con fibra di vetro, grigia.

SEP - "V"- Profile Saddles

The SEP saddles of OX cable clamps, have a large "V"-Profile, that allows the fastening of a large range of cables and tubes.

Material:
Fiberglass P.A., grey Saddles .



SEP - "V"- Profil Klemmwannen

Die SEP Klemmwannen der OX Schellen, unterscheiden sich durch ein breites "V"-Profil. Somit erhält man eine große Spannweite für die Befestigung von Kabeln und Rohren.

Material:
Wannen P.A. glasfaserverstärkt, grau.

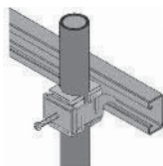
SEP - Garnitures profil a "V"

Les garnitures SEP des attaches OX ont un profil large en forme de "V" qui permet la fixation d'une gamme étendue de câbles et de tuyaux.

Matériel:
Garnitures P.A. avec fibre de verre, gris.

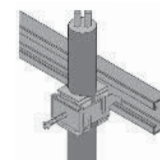
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | h | | | | |
|---|---------------------------------------|---|---|----|----|-----|--|------|--|
| | 60 3304 1230 | SEP 12 | 6 - 12 | 12 | 7 | 100 | | 3,5 | |
| | 60 3304 2230 | SEP 22 | 12 - 22 | 22 | 10 | 100 | | 5,5 | |
| | 60 3304 3430 | SEP 34 | 22 - 34 | 34 | 13 | 100 | | 9 | |
| | 60 3304 4630 | SEP 46 | 34 - 46 | 46 | 15 | 50 | | 17 | |
| | 60 3304 5830 | SEP 58 | 46 - 58 | 58 | 19 | 50 | | 22,5 | |
| | 60 3304 7030 | SEP 70 | 58 - 70 | 70 | 19 | 50 | | 21,6 | |
| | 60 3304 8030 | SEP 80 | 70 - 80 | 80 | 20 | 25 | | 27,5 | |

Fissaggio di tubi
Fixing of pipes



Befestigung von Rohren
Fixation de tubes

Fissaggio di cavi elettrici
Fixing of power cables



Befestigung von elektrischen Leitungen
Fixation des câbles électriques

SOLUZIONI PER L'INSTALLAZIONE

SOLUTIONS FOR INSTALLATIONS

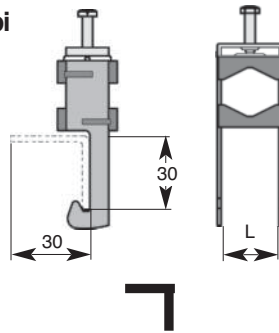


LÖSUNGEN FÜR INSTALLATIONEN

SOLUTIONS POUR L'INSTALLATION

**OX A3 - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per angolare 30x30
per 1, 2 cavi o tubi.



**OX A3 - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für Winkeleisen 30x30
für 1, 2 Kabel oder Rohre.

**OX A3 - Clamps for Power Cables and Tubes
Complete with Saddles**

For 30x30 Angular
for 1, 2 cables or tubes.

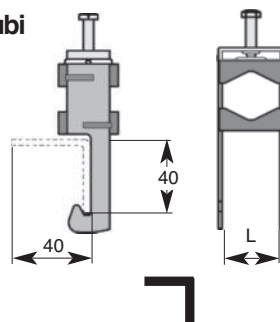
**OX A3 - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour cornière 30x30
pour 1, 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | | |
|---|---------------------------------------|---|---|----|---|-----|--|--|-----|
| 1 Cavo 1 Kabel | 60 1512 0801 | OX A3 / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | | 47 |
| | 60 1512 0803 | OX A3 / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | | 63 |
| | 60 1512 0805 | OX A3 / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | | 107 |
| | 60 1512 0807 | OX A3 / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | | 133 |
| | 60 1512 0809 | OX A3 / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | | 161 |
| | 60 1512 0811 | OX A3 / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | | 175 |
| 1 Cable 1 Câble | 60 1512 0812 | OX A3 / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | | 199 |
| 2 Cavi 2 Kabel | 60 1512 0814 | OX A3 / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | | 55 |
| | 60 1512 0816 | OX A3 / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | | 97 |
| | 60 1512 0818 | OX A3 / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | | 163 |
| 2 Cables 2 Câbles | | | | | | | | | |

**OX A4 - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per angolare 40x40
per 1, 2 cavi o tubi.



**OX A4 - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für Winkeleisen 40x40
für 1, 2 Kabel oder Rohre.

**OX A4 - Clamps for Power Cables and Tubes
Complete with Saddles**

For 40x40 Angular
for 1, 2 cables or tubes.

**OX A4 - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour cornière 40x40
pour 1, 2 câbles ou tuyaux.

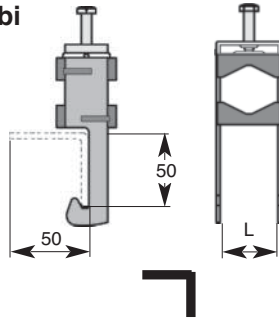
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | | |
|---|---------------------------------------|---|---|----|---|-----|--|--|-----|
| 1 Cavo 1 Kabel | 60 1511 0801 | OX A4 / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | | 54 |
| | 60 1511 0803 | OX A4 / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | | 70 |
| | 60 1511 0805 | OX A4 / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | | 114 |
| | 60 1511 0807 | OX A4 / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | | 140 |
| | 60 1511 0809 | OX A4 / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | | 168 |
| | 60 1511 0811 | OX A4 / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | | 182 |
| 1 Cable 1 Câble | 60 1511 0812 | OX A4 / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | | 205 |
| 2 Cavi 2 Kabel | 60 1511 0814 | OX A4 / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | | 62 |
| | 60 1511 0816 | OX A4 / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | | 104 |
| | 60 1511 0818 | OX A4 / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | | 170 |
| 2 Cables 2 Câbles | | | | | | | | | |

**OX A5 - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per angolare 50x50
per 1, 2 cavi o tubi.

**OX A5 - Clamps for Power Cables and Tubes
Complete with Saddles**

For 50x50 Angular
for 1, 2 cables or tubes.



**OX A5 - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für Winkeleisen 50x50
für 1, 2 Kabel oder Rohre.

**OX A5 - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour cornière 50x50
pour 1, 2 câbles ou tuyaux.

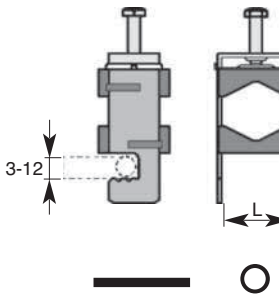
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|--|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1517 0801 | OX A5 / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 61 |
| | 60 1517 0803 | OX A5 / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 77 |
| | 60 1517 0805 | OX A5 / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 121 |
| | 60 1517 0807 | OX A5 / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 147 |
| | 60 1517 0809 | OX A5 / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 175 |
| | 60 1517 0811 | OX A5 / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 189 |
| | 60 1517 0812 | OX A5 / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 212 |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1517 0814 | OX A5 / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 69 |
| | 60 1517 0816 | OX A5 / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 111 |
| | 60 1517 0818 | OX A5 / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 177 |

**OX B - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per piatto e tondo 3-12
per 1, 2 cavi o tubi.

**OX B - Clamps for Power Cables and Tubes
Complete with Saddles**

For 3-12 Flat and Round
for 1, 2 cables or tubes.



**OX B - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für Flach- und Rundeisen 3-12
für 1, 2 Kabel oder Rohre.

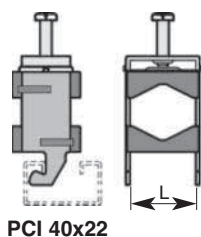
**OX B - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour plat et rond 3-12
pour 1, 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|--|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1513 0841 | OX B / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 44 |
| | 60 1513 0843 | OX B / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 62 |
| | 60 1513 0845 | OX B / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 98 |
| | 60 1513 0847 | OX B / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 126 |
| | 60 1513 0849 | OX B / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 150 |
| | 60 1513 0851 | OX B / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 168 |
| | 60 1513 0852 | OX B / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 187 |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1513 0854 | OX B / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 60 |
| | 60 1513 0856 | OX B / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 92 |
| | 60 1513 0858 | OX B / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 156 |

**OX C - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per profilato PCI 40x22
per 1, 2 cavi o tubi.



PCI 40x22

**OX C - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für Profilschienen PCI 40x22
für 1, 2 Kabel oder Rohre.

**OX C - Clamps for Power Cables and Tubes
Complete with Saddles**

For PCI 40x22 Section
for 1, 2 cables or tubes.



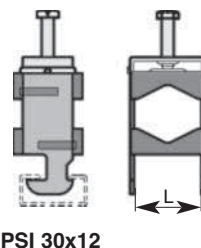
**OX C - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour profile PCI 40x22
pour 1, 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|--|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1514 0861 | OX C / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 40 |
| | 60 1514 0863 | OX C / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 56 |
| | 60 1514 0865 | OX C / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 92 |
| | 60 1514 0867 | OX C / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 122 |
| | 60 1514 0869 | OX C / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 146 |
| | 60 1514 0871 | OX C / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 164 |
| | 60 1514 0872 | OX C / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 180 |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1514 0874 | OX C / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 52 |
| | 60 1514 0876 | OX C / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 82 |
| | 60 1514 0878 | OX C / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 148 |

**OX D - Fissacavi per conduttori elettrici e tubi
Completi di selle**

Per profilato PSI 30x12
per 1, 2 cavi o tubi.



PSI 30x12

**OX D - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen**

Für C-Profilschienen PSI 30x12
für 1, 2 Kabel oder Rohre.

**OX D - Clamps for Power Cables and Tubes
Complete with Saddles**

For PSI 30x12 Section
for 1, 2 cables or tubes.



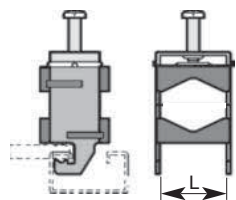
**OX D - Attaches pour câbles électriques
et tuyaux - Avec garnitures**

Pour profile PSI 30x12
pour 1, 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|--|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1515 0861 | OX D / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 40 |
| | 60 1515 0863 | OX D / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 56 |
| | 60 1515 0865 | OX D / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 92 |
| | 60 1515 0867 | OX D / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 122 |
| | 60 1515 0869 | OX D / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 146 |
| | 60 1515 0871 | OX D / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 164 |
| | 60 1515 0872 | OX D / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 180 |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1515 0874 | OX D / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 52 |
| | 60 1515 0876 | OX D / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 82 |
| | 60 1515 0878 | OX D / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 148 |

OX E - Fissacavi per conduttori elettrici e tubi
Completi di selle

Per profilato PCI 40x22 e piatto/tondo 3-12
per 1, 2 cavi o tubi.



OX E - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen

Für Profilschienen PCI 40x22, Flach- u. Rund 3-12
für 1, 2 Kabel oder Rohre.

OX E - Clamps for Power Cables and Tubes
Complete with Saddles

For Section PCI 40x22, Flat and Round 3-12
for 1, 2 cables or tubes.



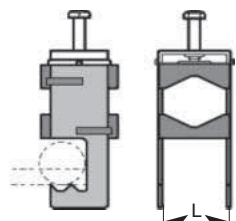
OX E - Attaches pour câbles électriques
et tuyaux - Avec garnitures

Pour profilé PCI 40x22, plat et rond 3-12
pour 1, 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|-----|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1518 0801 | OX E / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 40 |
| | 60 1518 0803 | OX E / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 56 |
| | 60 1518 0805 | OX E / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 92 |
| | 60 1518 0807 | OX E / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 122 |
| | 60 1518 0809 | OX E / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 146 |
| | 60 1518 0811 | OX E / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 164 |
| 60 1518 0812 | OX E / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 180 | |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1518 0814 | OX E / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 52 |
| | 60 1518 0816 | OX E / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 82 |
| | 60 1518 0818 | OX E / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 148 |

OX M - Fissacavi per conduttori elettrici e tubi
Completi di selle

Aggancio a tondo ø 8-25 e piatto 3-25 mm
per 1, 2 cavi o tubi.



OX M - Schellen für Elektro-Kabel
und Verlegerohre - kpl. mit Wannen

Für Rundstahl ø 8-25 und Flachstahl 3-25 mm
für 1, 2 Kabel oder Rohre.

OX M - Clamps for Power Cables and Tubes
Complete with Saddles

Hooking on ø 8-25 round and 3-25 mm flat
for 1, 2 cables or tubes.



OX M - Attaches pour câbles électriques
et tuyaux - Avec garnitures

Accrochage sur rond ø 8-25 et plat 3-25 mm
pour 1 et 2 câbles ou tuyaux.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Cavi Ø Cables Ø Kabel Ø Câbles | L | n. Cavi n. Cables n. Kabel n. Câbles | | | |
|---|---------------------------------------|---|---|----|---|-----|--|-----|
| 1 Cavo 1 Kabel 1 Cable 1 Câble | 60 1516 1081 | OX M / 12 x 1 | 6 - 12 | 12 | 1 | 100 | | 50 |
| | 60 1516 1083 | OX M / 22 x 1 | 12 - 22 | 22 | 1 | 100 | | 68 |
| | 60 1516 1085 | OX M / 34 x 1 | 22 - 34 | 34 | 1 | 100 | | 106 |
| | 60 1516 1087 | OX M / 46 x 1 | 34 - 46 | 46 | 1 | 50 | | 136 |
| | 60 1516 1089 | OX M / 58 x 1 | 46 - 58 | 58 | 1 | 50 | | 160 |
| | 60 1516 1091 | OX M / 70 x 1 | 58 - 70 | 70 | 1 | 50 | | 180 |
| | 60 1516 1092 | OX M / 80 x 1 | 70 - 80 | 80 | 1 | 25 | | 195 |
| 2 Cavi 2 Kabel 2 Cables 2 Câbles | 60 1516 1094 | OX M / 12 x 2 | 6 - 12 | 12 | 2 | 100 | | 66 |
| | 60 1516 1096 | OX M / 22 x 2 | 12 - 22 | 22 | 2 | 100 | | 98 |
| | 60 1516 1098 | OX M / 34 x 2 | 22 - 34 | 34 | 2 | 100 | | 162 |

RF Q - Collare quadro
Con selle calibrate SAS/SAT

Il collare RF Q, a sezione quadra, é formato da due gusci uniti da viti M6 a testa cilindrica con taglio croce/cacciavite. I componenti sono assemblati in modo imperdibile per facilitare al massimo le operazioni di montaggio. Un foro \varnothing 8,5 serve al fissaggio con viti M8. Abbinato ai morsetti multidirezionali **MAM**, **MBM** e **MCM** alle basette **BAM** o al collare **GOP** permette fissaggi agevoli a qualsiasi struttura con qualsiasi orientamento.

Materiale:

Acciaio inossidabile AISI 304 (V 2A).
P.A. rinforzato con fibra di vetro, resistente a U.V.
Colore: nero (grigio a richiesta).



RF Q - Quadratschelle
Mit SAS/SAT Kaliberwannen

Die RF Q-Schelle besteht aus zwei Schalen, welche mittels zwei M6 Zylinderkopfschrauben zusammengesetzt werden. Die Teile sind vormontiert und somit unverlierbar. Ein Befestigungsloch Durchm. 8,5 mm ermöglicht eine leichte und bequeme Befestigung der RF Q-Schelle an **MAM**, **MBM** und **MCM** Klemmen, **BAM** Sockel sowie **GOP**-Schellen

Material:

Stahl AISI 304 (V 2A).
P.A. glasfaserverstärkt - U.V.-beständig.
Farbe: schwarz (grau auf Anfrage).

RF Q - Square Collar
With SAS/SAT calibrated saddles

The RF Q square collar is formed by two shells joined by cylindrical headed cross-slotted screws. The parts are pre-assembled and without any loose parts. A \varnothing 8,5 hole allows the installation of M8 screws. Combined with **MAM**, **MBM** and **MCM** multidirectional clamps, **BAM** sockets or **GOP** round collar it allows fastenings on any structure with any orientation.

Material:

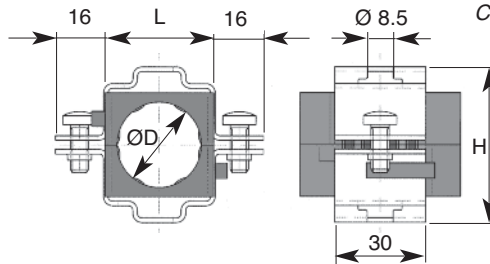
Stainless steel AISI 304 (V 2A).
Fiberglass P.A., U.V. proof.
Colour: black (grey on request).

RF Q - Collier carré
Avec garnitures calibrées SAS/SAT

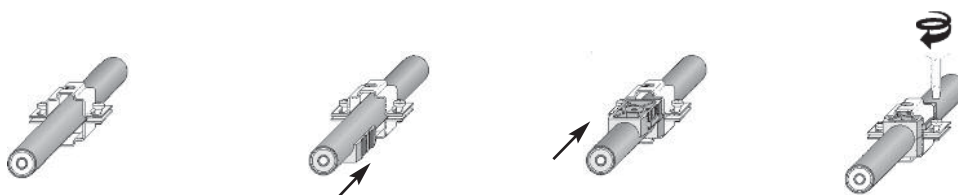
Le collier RF Q est constitué de deux coquilles unies par deux vis à tête cylindrique cruciforme. Les composants sont pré assemblés et donc imperdables. On peut combiner cet article avec les attaches **MAM**, **MBM** et **MCM** les socles **BAM** ou les colliers **GOP**. Permet une fixation facile sur toutes les structures même à orientation différente.

Matériel:

Inox AISI 304 (V 2A).
P.A. renforcé fibre de verre, résistant aux U.V.
Couleur: noir (gris sur demande).



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo/descrizione Article/description Artikel/Beschreibung Article/description | \varnothing D | L | H | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|--|-----------------|----|----|--|--|-----|-----|----------------------------------|
| | 61 1527 0011 | RF Q 1x11 | 10 - 11 | 22 | 36 | | | | 90 | |
| | 61 1527 0013 | RF Q 1x13 | 12 - 13 | 22 | 36 | | | | 90 | |
| | 61 1527 0014 | RF Q 1x1/2"S (14) | 13 - 14 | 22 | 36 | | | | 90 | |
| | 61 1527 0038 | RF Q 1x3/8" (16) | 15 - 16 | 22 | 36 | | | | 88 | |
| | 61 1527 0012 | RF Q 1x1/2" (17) | 16 - 17 | 22 | 36 | | | | 86 | |
| | 61 1527 0058 | RF Q 1x5/8" (23) | 21 - 23 | 34 | 48 | | | | 114 | |
| | 61 1527 0027 | RF Q 1x7/8"S (27) | 26 - 27 | 34 | 48 | | | | 112 | |
| | 61 1527 0078 | RF Q 1x7/8" (28) | 27 - 28 | 34 | 48 | | | | 110 | |
| | 61 1527 1178 | RF Q 1x7/8"M (30) | 29 - 30 | 34 | 48 | | | | 108 | |
| | 61 1527 0118 | RF Q 1x1.1/8" (38) | 36 - 38 | 46 | 58 | | | | 150 | |
| 61 1527 0114 | RF Q 1x1.1/4" (40) | 39 - 40 | 46 | 58 | | | | 150 | | |
| 61 1527 0158 | RF Q 1x1.5/8" (52) | 50 - 52 | 58 | 68 | | | | 186 | | |
| | 61 1527 0406 | RF Q 4x6 | 5 - 6 | 22 | 36 | | | | 110 | |
| | 61 1527 0408 | RF Q 4x8 | 7 - 8 | 22 | 36 | | | | 106 | |
| | 61 1527 0409 | RF Q 4x9 | 8 - 9 | 22 | 36 | | | | 102 | |
| | 61 1527 0411 | RF Q 4x11 | 10 - 11 | 34 | 48 | | | | 102 | |
| 61 1527 0412 | RF Q 4x1/2" (17) | 16 - 17 | 46 | 58 | | | | 130 | | |



SOLUZIONI
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FOR INSTALLATIONS



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POUR L'INSTALLATION

Fissaggi rapidi per cavi elettrici e tubi

I fissacavi rapidi **EMC** sono costituiti da una clip elastica di acciaio inossidabile applicata, a mezzo di un rivetto centrale, ad un adattatore/basetta di aggancio. Il fissacavo è così orientabile a 360°. E' applicabile a strutture varie come angolari, piatti, tondi e profilati a "C". Il montaggio rapido avviene senza l'uso di utensili. Con sole quattro misure si possono fissare cavi e tubi di diametro variante da 9 mm fino a 52 mm. La versione **EMC-U**, abbinata a fascette stringitubo commerciali, permette l'applicazione a strutture di ogni genere e dimensione.

Snap-in hangers for electrical Cables and pipes

The **EMC** snap-in hangers consist of an elastic stainless steel clip connected, by central rivet, with a hanging and supporting adapter/sockle. The hanger is 360° revolving. It can be fixed onto various structures, such as angulars, flats, tubes and "C" sections. Four hanger sizes only allow 9 to 52 mm diameter cables hanging. By means of an usual hose-clamps the **EMC-U** version can be applied to structures of any kind of form and dimension.

Schnellmontage-Schellen für Kabel und Verlegerohre

EMC Schnellmontage Schellen bestehen aus einem elastischen Edelstahl-Clip welcher mittels einer Niete an einen Adapter bzw. Sockel befestigt ist. Die Schelle ist so 360° drehbar. Die verschiedenen Ausführungen können direkt an Winkel, Rund- und Flacheisen, sowie C-Profile montiert werden. Mit nur vier Abmessung können Kabel und Rohre ab Durchm. 9 bis 52 mm schnell und ohne Werkzeug verlegt werden. Die Version **EMC-U**, in Verbindung mit handelsüblichen Schlauchklemmen, ermöglicht die Befestigung an Gerüsten jeglicher Form und Abmessung.

Fixations rapides pour cables electriques et tuyaux

Les fixations rapides **EMC** sont constituées d'une clip élastique en acier inoxydable appliquée, avec une rivet central, à un adaptateur/sockle. La fixation est orientable à 360°, et peut être appliquée à structures cornières, plats, ronds et profilés "C". Le montage est rapide et sans emploi d'outils. Quatre mesures admettent des câbles et des tuyaux d'un diamètre de 9 à 52 mm. La variante **EMC-U**, utilisée avec des colliers de serrage, permet l'application à structures de toutes les dimensions.

EMC-A

Fissacavi rapidi, predisposti per l'aggancio a profilati piatti e angolari con spessore da 3 a 8 mm. Orientabili a 360°. Installazione veloce e sicura senza uso di utensili.

EMC-A

Snap-in hangers, suitable for 3 to 8 mm thick flat or angular structures. 360° revolving. Quick and safe installation, with no tools.



EMC-A

EMC-A

Schnellmontage-Schellen mit Spezialsockel für Befestigung an Flach/Winkeleisen, Stärke 3-8 mm 360° drehbar. Schnellmontage ohne Werkzeug.

EMC-A

Fixations rapides, prévues pour l'installation sur plats ou cornières de 3 à 8 mm d'épaisseur. Orientables à 360°. Installation rapide sans outil.

EMC-C - EMC-S

Fissacavi rapidi predisposti per aggancio a baionetta, su profilati **PCI..B 40x22** (EMC-C) e profilati **PSI..B 30x12** (EMC-S). Sono orientabili a 360°. L'installazione sul profilato è veloce e sicura tramite rotazione autobloccante, senza uso di utensili.

EMC-C - EMC-S

Snap-in hangers bayonett hooking on **PCI..B 40x22** sections (EMC-C) and **PSI..B 30x12** sections (EMC-S). The hanger is 360° revolving. Quick and safe installation by self-locking rotation into the "C" section, with no tools.



EMC-C

EMC-S

EMC-C - EMC-S

Schnellmontage-Schellen mit Spezialsockel für Befestigung auf C-Profil **PCI..B 40x22** (EMC-C) und C-Profil **PSI..B 30x12** (EMC-S). Sie ist 360° drehbar. Die Schnellmontage auf Profil PCI erfolgt ohne Werkzeug, durch seitliches Einrasten.

EMC-C - EMC-S

Fixations rapides pour accrochage à baïonnette, sur profilés **PCI..B 40x22** (EMC-C), **PSI..B 30x12** (EMC-S). Les fixations sont orientables à 360°. L'installation sur profilé est rapide par rotation autobloquante, sans outil.

EMC-M

Fissacavi rapidi per aggancio a tondo Ø 16÷22 mm. Orientabili a 360°. Installazione veloce e sicura senza uso di utensili.

EMC-M

Snap-in hangers suitable for Ø 16÷22 mm rounds. 360° revolving. Quick and safe installation with no tools.



EMC-M

EMC-M

Schnellmontage-Schellen mit Spezialsockel für Befestigung auf Rundeisen durchm. 16÷22 mm. 360° drehbar. Schnellmontage ohne Werkzeug.

EMC-M

Fixations rapides pour accrochage sur rond Ø 16÷22 mm. Orientables à 360°. Installation rapide sans outil.

EMC-U

Fissacavi rapidi per il fissaggio tramite fascette di acciaio **FAS**, **FAU** o nastro inox **BIT19** a strutture varie. Orientabili a 360°. Installazione veloce e sicura senza uso di utensili.

EMC-U

Snap-in hangers to be fixed on various structures by means of the **FAS**, **FAU** stainless steel hose clamps or **BIT 19** strip. 360° revolving. Quick and safe installation with no tools.



EMC-U

EMC-U

Schnellmontage-Schellen mit Spezialsockel für Befestigung mittels Bandschellen **FAS** und **FAU** oder Stahlband **BIT19**, an Masten und Gerüste. 360° drehbar. Schnellmontage ohne Werkzeug.

EMC-U

Fixations rapides pour l'accrochage sur poteaux, cornières et structures diverses, par des colliers de serrage **FAS**, **FAU** ou du ruban inox **BIT 19**. Orientables à 360°. Installation rapide sans outils.

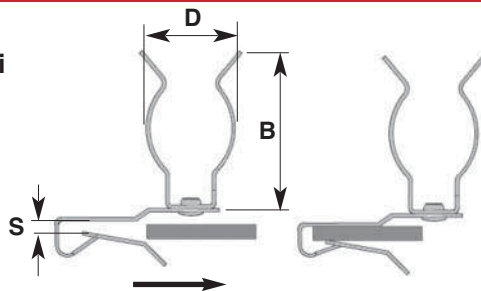
Fissacavi rapidi
Snap-in Cable Clamps

EMC

Schnellmontage Kabelschellen
Attaches rapides

EMC-A Fissaggi rapidi
per cavi elettrici e tubi

Impiego: Aggancio su piatti e angolari
Materiale: Acciaio inossidabile



EMC-A Schnellmontage-Schellen
für Kabel und Verlegerohre

Einsatz: An Winkel- und Flach- Eisen
Material: Edelstahl

EMC-A Snap-in hangers
for electrical cables and pipes

Use: Hooking on flats and angular
Material: Stainless steel



orientabile a 360°
360° revolving
360° drehbar
orientable à 360°

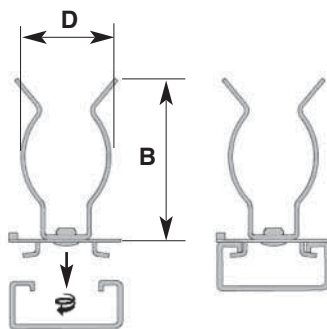
EMC-A Fixations rapides pour cables
electriques et tuyaux

Emploi: Accrochage sur plats et cornières
Matériel: Acier Inox

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Pour câbles | n° cavi n° cables n° Kabel n° câbles | B | D | Per profili For sections Für Profile Pour profilés | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|----|-----------|---|--|--|-------|----------------------------------|
| EMC-A | 61 1595 1013 | EMC-A 13 | 1/4" - 1/2"S | 1 | 41 | Ø 9 ÷ 13 | | | | 45 | |
| | 61 1595 1020 | EMC-A 20 | 1/2" - 3/8" | 1 | 47 | Ø 15 ÷ 20 | | | | 45 | |
| | 61 1595 1030 | EMC-A 30 | 7/8"S - 7/8" - 7/8"M | 1 | 60 | Ø 27 ÷ 30 | | | | 60 | |
| | 61 1595 1152 | EMC-A 52 | 1.1/4" - 1.5/8" | 1 | 85 | Ø 39 ÷ 52 | | | | 90 | |

EMC-C Fissaggi rapidi
per cavi elettrici e tubi

Impiego: Aggancio su profilato PCI 40x22
Materiale: Acciaio inossidabile



EMC-C Schnellmontage-Schellen
für Kabel und Verlegerohre

Einsatz: An Profil PCI 40x22
Material: Edelstahl

EMC-C Snap-in hangers
for electrical cables and pipes

Use: Hooking on PCI 40x22 sections
Material: Stainless steel



orientabile a 360°
360° revolving
360° drehbar
orientable à 360°

EMC-C Fixations rapides
pour cables electriques et tuyaux

Emploi: Accrochage sur profilé PCI 40x22
Matériel: Acier inox

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Pour câbles | n° cavi n° cables n° Kabel n° câbles | B | D | Per profili For sections Für Profile Pour profilés | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|----|-----------|---|------------------|--|-------|----------------------------------|
| EMC-C | 61 1595 3013 | EMC-C 13 | 1/4" - 1/2"S | 1 | 33 | Ø 9 ÷ 13 | | | | 20 | |
| | 61 1595 3020 | EMC-C 20 | 1/2" - 3/8" | 1 | 40 | Ø 15 ÷ 20 | | | | 20 | |
| | 61 1595 3030 | EMC-C 30 | 7/8"S - 7/8" - 7/8"M | 1 | 52 | Ø 27 ÷ 30 | | | | 40 | |
| | 61 1595 3152 | EMC-C-52 | 1.1/4" - 1.5/8" | 1 | 78 | Ø 39 ÷ 52 | | PCI 40x22 | | | 70 |

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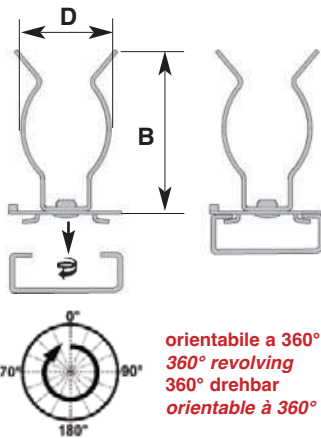
Fissacavi rapidi
Snap-in Cable Clamps

EMC

Schnellmontage Kabelschellen
Attaches rapides

EMC- S Fissaggi rapidi
per cavi elettrici e tubi

Impiego: Aggancio su profilato **PSI 30x12**
Materiale: Acciaio inossidabile



EMC-S Schnellmontage-Schellen
für Kabel und Verlegerohre

Einsatz: An Profil **PSI 30x12**
Material: Edelstahl

EMC- S Snap-in hangers
for electrical cables and pipes

Use: Hooking on **PSI 30x12** sections
Material: Stainless steel

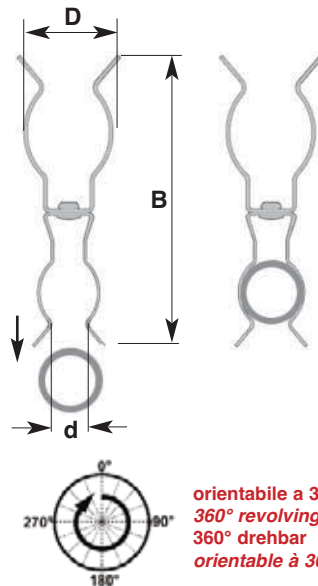
EMC- S Fixations rapides
pour cables electriques et tuyaux

Emploi: Accrochage sur profilé **PSI 30x12**
Matériel: Acier inox

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Pour câbles | n° cavi n° cables n° Kabel n° câbles | B | D | Per profili For sections Für Profile Pour profilés | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|----|-----------|---|--|--|----------------------------------|
| EMC-S | 61 1595 5013 | EMC-S 13 | 1/4" - 1/2"S | 1 | 30 | Ø 9 ÷ 13 | PSI 30x12 | | | 18 |
| | 61 1595 5020 | EMC-S 20 | 1/2" - 3/8" | 1 | 35 | Ø 15 ÷ 20 | | | | 18 |
| | 61 1595 5030 | EMC-S 30 | 7/8"S - 7/8" - 7/8"M | 1 | 50 | Ø 27 ÷ 30 | | | | 35 |
| | 61 1595 5152 | EMC-S 52 | 1.1/4" - 1.5/8" | 1 | 75 | Ø 39 ÷ 52 | | | | 65 |

EMC-M Fissaggi rapidi
per cavi elettrici e tubi

Impiego: Aggancio a tondo Ø 16÷22
Materiale: Acciaio inossidabile



EMC-M Schnellmontage-Schellen
für Kabel und Verlegerohre

Einsatz: An rund Ø 16÷22
Material: Edelstahl

EMC- M Snap-in hangers
for electrical cables and pipes

Use: Hooking on Ø 16÷22 rond
Material :Stainless steel

EMC- M Fixations rapides
pour cables electriques et tuyaux

Emploi: Accrochage sur rond Ø 16÷22
Matériel: Acier inox

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Pour câbles | n° cavi n° cables n° Kabel n° câbles | B | D | Per tondi d For rounds d Für Rundeisen d Pour ronds d | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|-----|-----------|--|--|--|----------------------------------|
| EMC-M | 61 1595 2013 | EMC-M 13 | 1/4" - 1/2"S | 1 | 55 | Ø 9 ÷ 13 | 16-22 | | | 36 |
| | 61 1595 2020 | EMC-M 20 | 1/2" - 3/8" | 1 | 60 | Ø 15 ÷ 20 | | | | 36 |
| | 61 1595 2030 | EMC-M 30 | 7/8"S - 7/8" - 7/8"M | 1 | 74 | Ø 27 ÷ 30 | | | | 63 |
| | 61 1595 2152 | EMC-M 52 | 1.1/4" - 1.5/8" | 1 | 100 | Ø 39 ÷ 52 | | | | 144 |

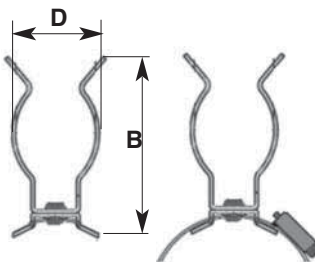
Fissacavi rapidi
Snap-in Cable Clamps

EMC

Schnellmontage Kabelschellen
Attaches rapides

EMC-U Fissaggi rapidi
per cavi elettrici e tubi

Impiego: Aggancio universale tramite fascette stringitubo
Materiale: Acciaio inossidabile



EMC-U Schnellmontage-Schellen für
Kabel und Verlegerohr

Einsatz: Universell mittels Schlauchklemmen
Material: Edelstahl

EMC-U Snap-in hangers
for electrical Cables and pipes

Use: Universal hooking with hose clamps
Material: Stainless steel



orientabile a 360°
360° revolving
360° drehbar
orientable à 360°

EMC-U Fixations rapides pour
cables électriques et tuyaux

Emploi: Accrochage universel avec collier de serrage
Matériel: Acier inox

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi/tubi For cables/pipes Für Kabel/Rohr Pour câbles/tuyaux | n° cavi n° cables n° Kabel n° câbles | B | Ø D | Su supporti On supports An Halter sur supports | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|----|-----------|---|--|--|-------|----------------------------------|
| EMC-U | 61 1595 4013 | EMC-U 13 | 1/4" - 1/2"S | 1 | 32 | Ø 9 ÷ 13 | | | | 25 | |
| | 61 1595 4020 | EMC-U 20 | 1/2" - 3/8" | 1 | 37 | Ø 15 ÷ 20 | | | | 25 | |
| | 61 1595 4030 | EMC-U 30 | 7/8"S - 7/8" - 7/8"M | 1 | 50 | Ø 27 ÷ 30 | | | | 38 | |
| | 61 1595 4152 | EMC-U 52 | 1.1/4" - 1.5/8" | 1 | 75 | Ø 39 ÷ 52 | | | | 78 | |

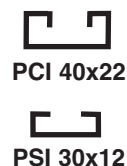
Esempi di montaggio
Mounting examples

EMC-A: su piatti e angolari
EMC-A: on flats and angulars.
EMC-A: an Winkel- und Flach- Eisen
EMC-A: sur plats et cornières .



Montage Beispiele
Exemples de montage

EMC-C e EMC-S: su profilati PCI 40x22 e PSI 30x12.
EMC-C & EMC-S: on PCI 40x22 & PSI 30x12 sections.
EMC-C u. EMC-S: an Profil PCI 40x22 und PSI 30x12.
EMC-C et EMC-S: sur profile PCI 40x22 et PSI 30x12 .



EMC-M: aggancio a tondo Ø 16÷22.
EMC-M: for Ø 16÷22 rond
EMC-M: an Rund Ø 16÷22.
EMC-M: sur rond Ø 16÷22



EMC-U: applicazioni universali con fascetta stringitubo
EMC-U: universal application with hose clamp
EMC-U: universell verwendbar mittels Schlauchklemmen
EMC-U: application universelle avec collier de serrage











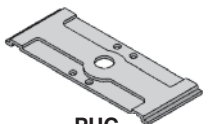

SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiegabile con Suitable to Anwendbar mit Employable avec | Misura Measure Abmessungen Taille |  |  |  | Prezzo Price Preis Prix |
|--|---------------------------------------|---|--|--|---|---|---|----------------------------------|
| <p>Barra filettata M8 M8 Gewindestangen M8 Threaded bars Tiges filetées M8</p>  <p>BFI 8x..</p> | 61 2954 8050 | BFI 8x 50 | <p>LCO - LCC - LCP - LCL UCO - UCC - UCP - UCL USO - USC - USP - USL SAB - SAC - SAL - SAM MCO - MCC - MCP - MCL</p> | M8 x 50 | 10 | 10 | 17 | |
| | 61 2954 8075 | BFI 8x 75 | | M8 x 75 | 10 | 100 | 25 | |
| | 61 2954 8100 | BFI 8x 100 | | M8 x 100 | 10 | 100 | 34 | |
| | 61 2954 8125 | BFI 8x 125 | | M8 x 125 | 10 | 100 | 45 | |
| | 61 2954 8150 | BFI 8x 150 | | M8 x 150 | 10 | 100 | 55 | |
| | 61 2954 8200 | BFI 8x 200 | | M8 x 200 | 10 | 100 | 68 | |
| | 61 2954 8250 | BFI 8x 250 | | M8 x 250 | 10 | 100 | 85 | |
| | 61 2954 8300 | BFI 8x 300 | | M8 x 300 | 10 | 100 | 98 | |
| | 61 2954 8400 | BFI 8x 400 | | M8 x 400 | 10 | 100 | 110 | |
| | 61 2954 8000 | BFI 8x1000 | | M8 x1000 | 10 | 100 | 150 | |
| <p>Barra filettata M10 M10 Gewindestangen M10 Threaded bars Tiges filetées M10</p>  <p>BFI 10x..</p> | 61 2954 1050 | BFI 10x 50 | <p>LCO - LCC - LCP - LCL UCO - UCC - UCP - UCL USO - USC - USP - USL SAB - SAC - SAL - SAM MCO - MCC - MCP - MCL</p> | M10x 50 | 10 | 100 | 24 | |
| | 61 2954 1075 | BFI 10x 75 | | M10x 75 | 10 | 100 | 40 | |
| | 61 2954 1100 | BFI 10x 100 | | M10x 100 | 10 | 100 | 48 | |
| | 61 2954 1125 | BFI 10x 125 | | M10x 125 | 10 | 100 | 60 | |
| | 61 2954 1150 | BFI 10x 150 | | M10x 150 | 10 | 100 | 73 | |
| | 61 2954 1175 | BFI 10x 175 | | M10x 175 | 10 | 100 | 85 | |
| | 61 2954 1200 | BFI 10x 200 | | M10x 200 | 10 | 100 | 96 | |
| | 61 2954 1250 | BFI 10x 250 | | M10x 250 | 10 | 100 | 122 | |
| | 61 2954 1300 | BFI 10x 300 | | M10x 300 | 10 | 100 | 140 | |
| <p>Dado esagonale UNI 5588 6-Kant-Muttern UNI 5588 Hexagonal nuts UNI 5588 Ecroûes hexagonales UNI 5588</p>  <p>DAI..</p> | 61 2918 2249 | DAI 8 | <p>LCO - LCC - LCP - LCL UCO - UCC - UCP - UCL USO - USC - USP - USL MCO - MCC - MCP - MCL</p> | M8 | 50 | 1000 | 5 | |
| | 61 2918 2251 | DAI 10 | | M10 | 50 | 1000 | 10 | |
| <p>Rondella piana Unterlegscheibe Flat washer Rondelle plate</p>  <p>RPL..</p> | 61 2936 0008 | RPI 8/16 | <p>MCO - MCC - MCP - MCL UCP - LCP - MCP - USP USO - USC - USP - USL</p> | ∅ 8,5x16 | 50 | 1000 | 1.5 | |
| | 61 2936 0824 | RPI 8/24 | | ∅ 8,5x24 | 50 | 1000 | 5.3 | |
| | 61 2936 0832 | RPI 8/32 | | ∅ 8,5x32 | 50 | 1000 | 12 | |
| | 61 2936 1020 | RPI 10/20 | | ∅ 10,5x20 | 50 | 1000 | 3 | |
| | 61 2936 1030 | RPI 10/30 | | ∅ 10,5x30 | 50 | 1000 | 8 | |
| <p>Rondella elastica DIN 6798 Sicherheitsscheiben DIN 6798 Elastic washer DIN 6798 Rondelle dentelées DIN 6798</p>  <p>REI..</p> | 61 2917 0008 | REI 8 | <p>LCO - LCC - LCP - LCL UCO - UCC - UCP - UCL USO - USC - USP - USL</p> | ∅ 8x14 | 50 | 1000 | 0.6 | |
| | 61 2917 0010 | REI 10 | | ∅ 10x16 | 50 | 1000 | 0.8 | |
| <p>Piastra di spinta per selle SAB Druckplatte für Wannen SAB Pressure flange for SAB saddles Plaque pour garnitures SAB</p>  <p>PUC..</p> | 61 3228 0036 | PUC 36 | SAB 2x9 - SAB 2x11 | 40 x 36 | 20 | 100 | 12 | |
| | 61 3228 0049 | PUC 49 | SAB 2x13 - SAB 2x1/2" S - SAB 2x3/8" - SAB 2x1/2" | 40 x 49 | 20 | 100 | 19 | |
| | 61 3228 0070 | PUC 70 | LCL - MCL - UCL - USL SAB 2x5/8" - SAB 2x7/8" | 40 x 70 | 20 | 100 | 24 | |
| | 61 3228 0093 | PUC 93 | SAB 2x1.1/8" - SAB 2x1.1/4" | 40 x 93 | 20 | 100 | 29 | |
| | 61 3228 0120 | PUC 120 | SAB 2x1.5/8" | 40 x120 | 20 | 100 | 40 | |
| <p>Piastra di spinta per selle SAL Druckplatte für Wannen SAL Pressure flange for SAL saddles Plaque pour garnitures SAL</p>  <p>PSL..</p> | 61 3229 4062 | PSL 62 | SAL 2x1/2" | 40 x 62 | 20 | 100 | 24 | |
| | 61 3229 4084 | PSL 84 | SAL 2x7/8" | 40 x 84 | 20 | 100 | 30 | |
| | 61 3229 4102 | PSL 102 | SAL 2x1.1/4" | 40 x102 | 20 | 100 | 38 | |
| | 61 3229 4119 | PSL 119 | SAL 2x1.5/8" | 40 x119 | 20 | 100 | 44 | |

Fissaggi di cavi
Cables fixings

Kabelverlegung
Fissages de câbles



RAC - Fissacavi per cavi radianti (Brev.)

I fissacavi RAC vengono utilizzati per il fissaggio di cavi radianti alle pareti di gallerie o tunnel, direttamente o con distanziatori.
I fissacavi RAC sono costituiti da due clips elastiche abbinata ad un cappello centrale a chiusura a scatto.
Le due clips permettono l'innesto e il prefissaggio rapido del cavo durante l'installazione.
Il cappello centrale, grazie alla sua chiusura rapida a scatto, assicura il bloccaggio definitivo del cavo.
Si fornisce anche una vite di sicurezza supplementare

Materiale:

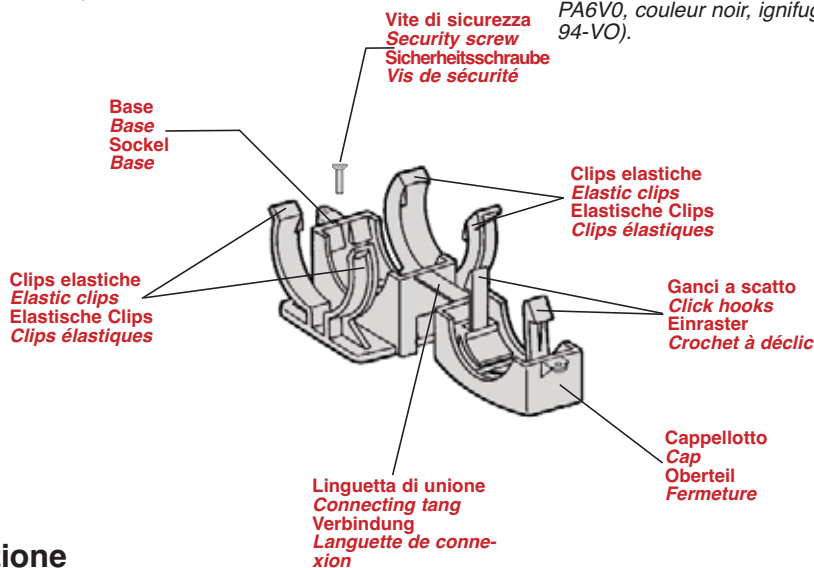
PA6V0, colore nero, autoestinguento, senza alogeni (secondo UL94-VO).

RAC - Cable Clamps for Radiating Cables (Pat.)

RAC cable clamps are used for the installation of radiating cables in tunnels.
RAC clamps may be installed with or without spacers.
RAC cable clamps are designed with two clips coupled to a central snap-in cap.
The two clips allow a quick insertion of the cable, while the central snap-in cap assures the final locking.
An additional locking screw is joint.

Material:

PA6V0, black colour, self extinguishing, halogen free (according to UL94-V0).



RAC - Schellen für abstrahlende Kabel (Pat.)

RAC-Schellen werden für die Verlegung von abstrahlenden Kabeln an Wänden in Tunneln und Tiefbauten verwendet.
RAC-Schellen sind eine Kombination von zwei elastischen Clips (für eine bequeme und schnelle Vorbefestigung des Kabels) mit einem mittigem Verschluss-Bügel (für eine sichere End-Verriegelung).
Der mittige Bügel verriegelt endgültig das Kabel.
RAC-Schellen werden direkt verlegt auf die Wand verlegt oder auch mit Abstandhalter.
Eine zusätzliche Sicherheitsschraube wird mitgeliefert.

Material:

PA6V0, Farbe schwarz, selbstlöschend, halogenfrei (nach UL94-VO).

RAC - Attaches pour câbles rayonnants (Brev.)

Les attaches RAC sont utilisées pour la fixation de câbles rayonnants aux parois de tunnels.
RAC peut être installée avec ou sans entretoise.
Les attaches RAC sont constituées de deux clips liées à une fixation centrale avec fermeture à dé clic.
Les deux clips permettent l'insertion rapide et le prefissage élastique du câble lors de l'installation.
La fixation centrale, grâce à sa fermeture rapide à dé clic, assure le blocage définitif du câble.
Une vis de sureté supplémentaire est accluse.

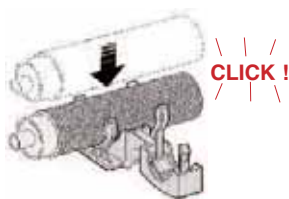
Matériel:

PA6V0, couleur noir, ignifugé, sans halogènes (norme UL 94-VO).

Modo di installazione
Fastening procedure

Prefissaggio elastico
Inserimento rapido del cavo nelle due clips

Elast. Vorbefestigung
Schnelles Einschnappen des Kabels

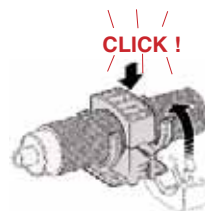


Elastic prefixing
Quick insertion of the cable in the two clips

Préfixation élastique
Insertion rapide du câble dans les deux clips

Fissaggio di sicurezza
Chiusura definitiva del cavo

Verriegung
Endgültige Absicherung des Kabels

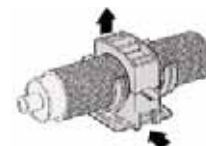


Safe fixing
Final locking of the cable

Fixation de sûreté
Blocage définitif du câble

Riapertura
Premere alla base per riaprire

Wiederöffnung
Am Unterteil drücken



Reopening
Push on base to reopen

Réouverture
Pour réouvrir, presser à la base

Verlegungsvorgang
Procédure de fixation

RAC - Fissacavi per cavi radianti (brev.)

Sono consigliati per il fissaggio di cavi radianti in gallerie, metropolitane e interni in genere.

Vite supplementare (V) di sicurezza AISI 302

Materiale:

PA6V0, colore nero, autoestinguente, senza alogeni (accordo UL94 - VO).
Temperature di esercizio: - 40°C + 125°C



RAC - Radiating Cable Clamps (pat.)

Are used to fasten radiating cables in tunnels, underground and indoor in general.

Additional AISI 302 security screw (V)

Material:

PA6V0, black colour, self extinguishing, halogen free (according to UL94 - VO).
Operating temperature : - 40°C + 125°C

RAC - Schellen für abstrahlende Kabeln (pat.)

Empfohlen für die Verlegung von abstrahlenden Kabeln in Tunneln, U-Bahnen und generell in Innenanlagen.

Zusätzliche Sicherheitsschraube (V) AISI 302

Material:

PA6V0, Farbe schwarz, selbstlöschend, halogenfrei (nach UL94 - VO).
Temperaturbeständigkeit: - 40°C + 125°C

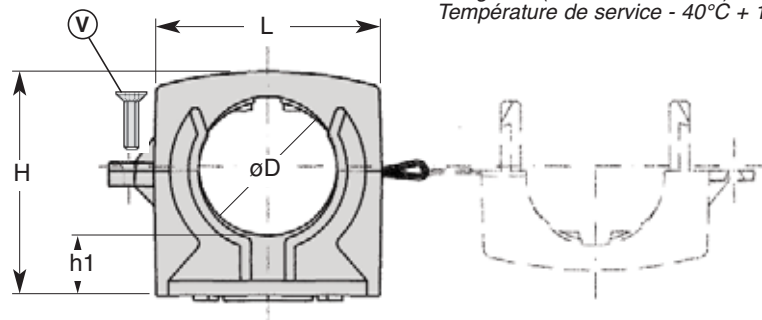
RAC - Attaches pour câbles rayonnants (brev.)

Elles sont utilisées pour la fixation de câbles rayonnants en tunnels, métro et intérieurs en général

Vis additionnelle de sécurité (V) AISI 302

Matériel:

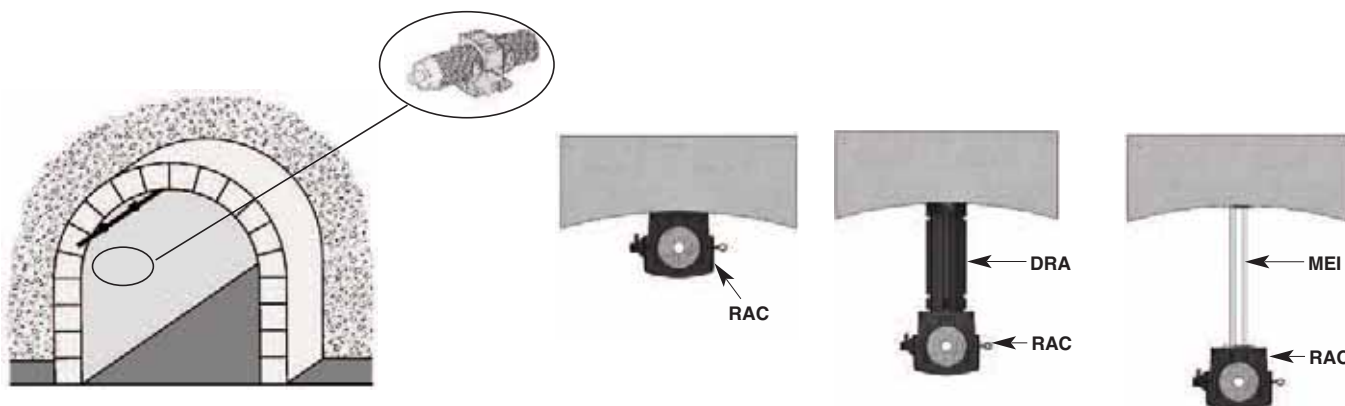
PA6V0, couleur noire, auto-extinguible, sans halogènes (norme UL 94 - VO).
Température de service - 40°C + 125°C



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cavi Cables Kabel Câbles | Per cavi øD Für cables øD Pour cables øD | L | H | h1 | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----------------------------------|--|------|------|----|----|--|-----|----------------------------------|
| | 61 5000 0012 | RAC 1/2" | 1/2" | 15-18 | 46 | 36.5 | 13 | 50 | | 20 | |
| | 61 5000 0058 | RAC 5/8" | 5/8" | 20-23 | 46 | 41 | 13 | 50 | | 22 | |
| | 61 5000 0078 | RAC 7/8" | 7/8" | 26-30 | 46 | 45 | 13 | 50 | | 26 | |
| | 61 5000 0114 | RAC 1.1/4" | 1.1/4" | 38-41 | 66 | 65 | 17 | 50 | | 68 | |
| | 61 5000 0158 | RAC 1.5/8" | 1.5/8" | 47-51 | 81.5 | 80 | 19 | 50 | | 116 | |

RAC in un tunnel
RAC in a tunnel

RAC im tunnel
RAC en tunnel



DRA - Distanziale di P.A. vetro

Distanziale in P.A./fibre di vetro per la posa distanziata dalla parete dei fissacavi **RAC**. Fissaggio tramite tasselli di P.A. e vite **R8/SP**.

Materiale:

P.A./vetro PA6V0, autoestinguente, senza alogeni (accordo UL94 - VO).

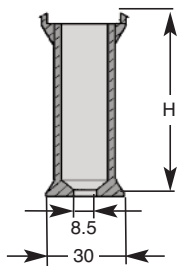


DRA - P.A. Fiberglass Spacer

P.A./fiberglass spacer to keep **RAC** cable clamps separated from the wall. Fixing with P.A. plug **R8/SP**.

Material:

PA6V0, self-extinguishing, halogen free (according to UL94 - VO).



DRA - P.A. Glasfaser Abstandhalter

Für Abstand befestigung von Wand und Decke der **RAC**-Schelle. Befestigung mittels P.A.-Dübel **R8/SP** komplett mit Schraube.

Material:

P.A./Glasfer PA6V0, selbstlöschend, halogenfrei (nach UL94 - VO).

DRA - Entretoise en P.A. chargé fibre de verre

Entretoise en P.A. chargé fibre de verre pour écarter les attaches **RAC** de la paroi. Fixation avec cheville en P.A. **R8/SP**.

Matériel:

PA6V0, ignifugé, Sans halogènes (norme UL 94 - VO).

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | H | Descrizione Description Beschreibung Description | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----|---|----|--|----|----------------------------------|
| | 61 6000 2450 | DRA 24/50 | 50 | Per innesto a scatto su RAC <i>Snap-in on RAC</i> | 50 | | 14 | |
| | 61 6000 2480 | DRA 24/80 | 80 | Auf RAC einschnappbar <i>Fixable par déclic sur RAC</i> | 50 | | 22 | |



Posa di fissacavo **RAC** su cemento e muratura mediante distanziale **DRA**, tassello di P.A. **R10-80**, e vite truciolare **SPS.. 7**

Fixing of **RAC** clamp on concrete and masonry with **DRA** spacer, **R10-80** plug, **SPS.. 7** self-tapping screw

Verlegung einer **RAC**-Schelle auf Beton und Mauerwerk, mit **DRA** Abstandhalter, **R10-80** P.A.-Dübel, und **SPS.. 7** Spanschraube

Montage de fixation **RAC** sur masonnerie de béton/brique, avec entretoise **DRA**, cheville en P.A. **R10-80** et vis a bois longue **SPS.. 7**

MEI - Distanziale esagonale

Supporto in acciaio per la posa distanziata dalla parete dei fissacavi **RAC**.
Completo di vite **VSI M8x16** e rondella **RPI 8/16**.

Materiale:

Acciaio INOX AISI 303

MEI - Hexagonal Spacer

Steel spacer to keep **RAC** cable clamps separated from wall.
VSI M8x16 screw and **RPI 8/16** washer included.

Material:

AISI 303 Stainless

MEI - 6-Kant Abstandhalter

Zur Abstandverlegung von **RAC**-Schellen.
Komplett mit Schraube **VSI M8x16** und Scheibe **RPI 8/16**

Material:

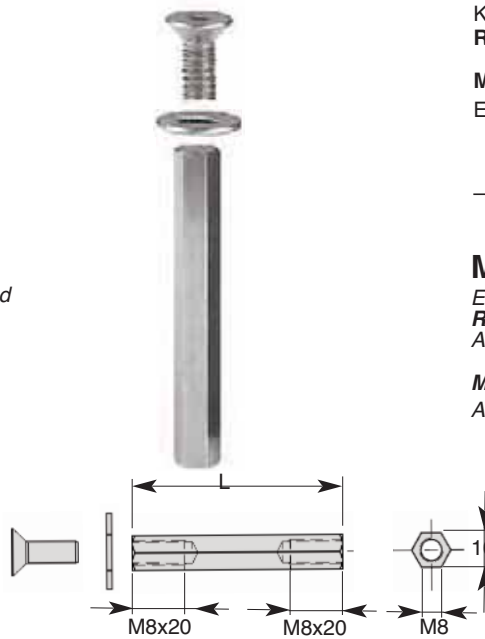
Edelstahl AISI 303

MEI - Entretoise hexagonale

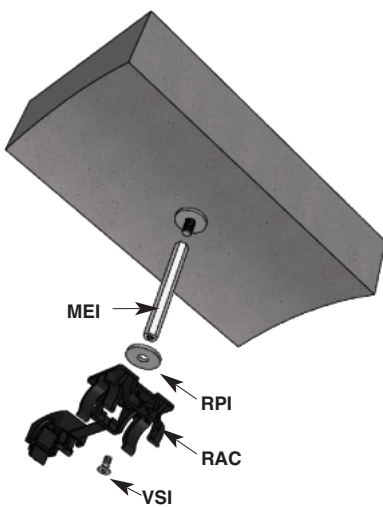
Entretoise en acier pour écarter les attaches **RAC** de la paroi.
Avec vis **VSI M8x16** et rondelle **RPI 8/16**.

Matériel:

Acier Inox AISI 303

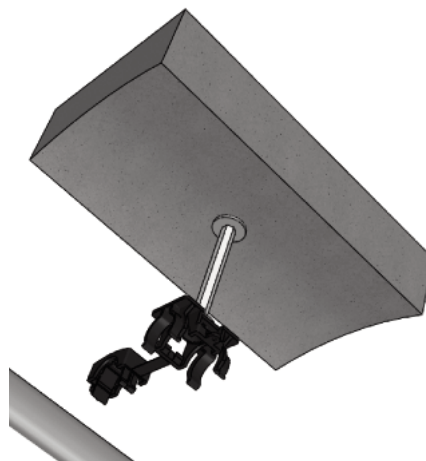


| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | L | Descrizione Description Beschreibung Description | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|---|----|--|-------|----------------------------------|
| | 61 1808 1050 | MEI 10/50 | 50 | Distanziatori con vite M8x16 e rondella RPI 8/16 <i>Spacers with M8x16 screw and washer RPI 8/16</i> | 50 | | 24 | |
| | 61 1808 1075 | MEI 10/75 | 75 | Abstandhalter mit Schraube M8x16 und Scheibe RPI 8/16 | 50 | | 36 | |
| | 61 1808 1010 | MEI 10/100 | 100 | Entretoise avec vis M8x16 et rondelle RPI 8/16 | 50 | | 52 | |

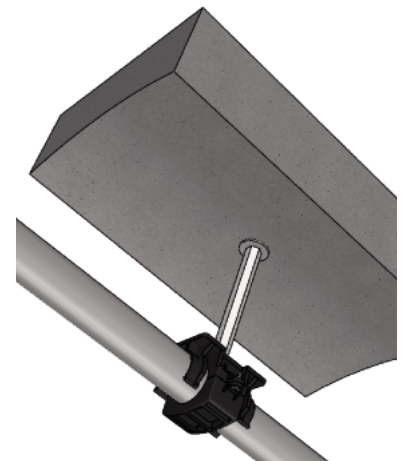


Posa di fissacavo **RAC** su cemento e muratura, mediante distanziabile esagonale **MEI**, rondella **RPI**, vite **VSI**, su perno filettato M8

Fixing of **RAC** clamp on concrete and masonry with **MEI** hexagonal spacer, **RPI** washer, **VSI** screw on M8 threaded bolt



Verlegung einer **RAC**-Schelle auf Beton u. Mauerwerk, mit **MEI** 6-Kant Abstandhalter, **RPI** Rondelle, **VSI** Schraube auf M8 Gewindebolzen



Montage de fixation **RAC** sur masonnerie de béton/brique, avec entretoise hexagonale **MEI**, rondelle **RPI**, vis **VSI** sur tige filettée M8

RF Q - Collare quadro per cavi radianti

Completo di selle calibrate SAS

Il collare **RF Q**, a sezione quadrata, è formato da due gusci uniti da viti M6, con selle calibrate **SAS**.

E' consigliato l'impiego in abbinamento coi fissacavi **RAC**. Si suggerisce l'impiego intercalato ad opportuna distanza tra i fissaggi a mezzo dei morsetti **RAC**, per conferire all'impianto protezione anticaduta in caso di incendio.

Per le caratteristiche meccaniche vedere a pag. 1 55.

Materiali:

Collare: Acciaio inossidabile AISI 304
Selle: P.A. rinf. fibra di vetro, colore nero



RF Q - Quadratschelle für abstrahlende Kabeln

Komplett mit SAS Kaliberwannen

RFQ besteht aus quadratförmigen Halbschalen die durch M6 Schrauben verbunden sind, und **SAS** Kaliberwannen. Der Einsatz ist empfehlbar in Zusammenhang mit den **RAC**-Schellen.

Eine Verlegung in angemessenen Abständen zwischen den **RAC**-Schellen, sichert die Anlage vor Zusammenbruch der Kabel im Brandfalle.

Für die technischen Daten siehe Seite 1 55.

Material:

Schalen: Stahl AISI 304 (V 2A).
Einlagen: P.A. glasfaserverstärkt, Farbe schwarz

RF Q - Square Collar for Radiating Cables

Complete with SAS rigid calibrated saddles

The **RF Q** square collar is formed by two shells joined by M6 screws and calibrated saddles **SAS**.

It is recommended in combination with **RAC** clamps for radiating cables.

Whether inserted at a suitable distance among **RAC** clamps, it prevents radiating cable lines from falling down, in case of fire.

As to technical features please see page 1 55.

Material:

Collar: AISI 304 stainless steel
Saddles: Glass reinf. P.A., black colour

RF Q - Collier carré pour câbles rayonnants

Complet de garnitures calibrées SAS

Le collier carré **RF Q** se constitue de deux coquilles unies par vis M6 et garnitures calibrées **SAS**.

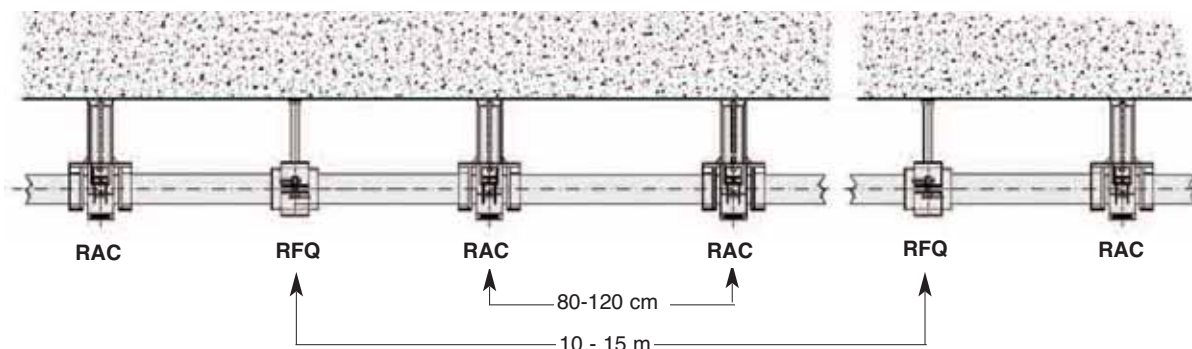
Il est conseillé en combinaison avec les attaches **RAC** pour câbles rayonnants. Est conseillè l'emploi dans les installations de câbles rayonnants où, si montés à distance opportune parmi les attaches **RAC**, évitent la chute de la ligne même en cas d'incendie.

Concernant les caractéristiques voir à la page 1 55.

Matériel:

Collier: Inox AISI 304
Guarnitures: P.A. renf. fibre de verre, couleur noir.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo/descrizione Article/description Artikel/Beschreibung Article/description | ØD | L | H | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|--|---------|----|----|----|--|-----|----------------------------------|
| 1 Cavo 1 Kabel | 61 1527 0014 | RF Q 1x1/2" S (14) | 13 - 14 | 22 | 36 | 50 | | 90 | |
| | 61 1527 0012 | RF Q 1x1/2" (17) | 16 - 17 | 22 | 36 | 50 | | 86 | |
| | 61 1527 0058 | RF Q 1x5/8" (23) | 21 - 23 | 34 | 48 | 50 | | 114 | |
| | 61 1527 0078 | RF Q 1x7/8" (28) | 27 - 28 | 34 | 48 | 50 | | 110 | |
| | 61 1527 1178 | RF Q 1x7/8" M (30) | 29 - 30 | 34 | 48 | 50 | | 108 | |
| | 61 1527 0118 | RF Q 1x1.1/8" (38) | 36 - 38 | 46 | 58 | 50 | | 150 | |
| | 61 1527 0114 | RF Q 1x1.1/4" (40) | 39 - 40 | 46 | 58 | 50 | | 150 | |
| 1 Cable 1 Câble | 61 1527 0158 | RF Q 1x1.5/8" (52) | 50 - 52 | 58 | 68 | 25 | | 186 | |



R10-80 - Tassello murale di P.A., Ø 10

per viti autofilettanti SPS
impiegabile su cemento e muratura

SPS...- Vite mordente lunga

per tasselli murali di P.A. R10-80
testa svasata con impronta TORX

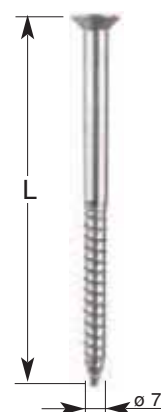
R10-80 + SPS... sono la combinazione giusta
per la posa di fissacavi RAC su cemento e muratura

Materiali:

R10-80 = P.A.

SPS... = Acciaio zincato (a richiesta acciaio INOX)

SPS... TORX



R10-80 - P.A. Mauerdübel Ø 10

Für Spanschrauben SPS
Einsetzbar in Beton und Mauerwerk

SPS ...- Lange Spanschraube

Für P.A.- Mauerdübel R10-80
Senkkopf mit TORX- Aufnahme

R10-80 + SPS... Kombination für die Verlegung von
RAC-Schellen auf Beton und Mauerwerk

Material:

R10-80 = P.A.

SPS... = Stahl verzinkt (Edelstahl auf Anfrage)

R10-80 - Ø 10 P.A. wall Plug

for SPS self-tapping screws
to be used on concrete walls and masonry

SPS...- Long wood Screw

for R10-80 P.A. wall plugs
flathead TORX screw

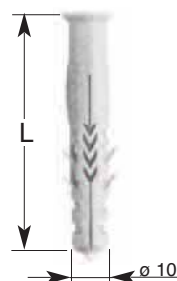
R10-80 + SPS... represent the right solution how to fix
RAC clamps to concrete walls and masonry

Materials:

R10-80 = P.A.

SPS... = Galvanized steel (Stainless steel on request)

R10-80



R10-80 - Cheville Ø10 en P.A.

pour vis autotaraudeuses SPS
à utiliser sur masonnerie de béton/brique

SPS...- Vis à bois longue

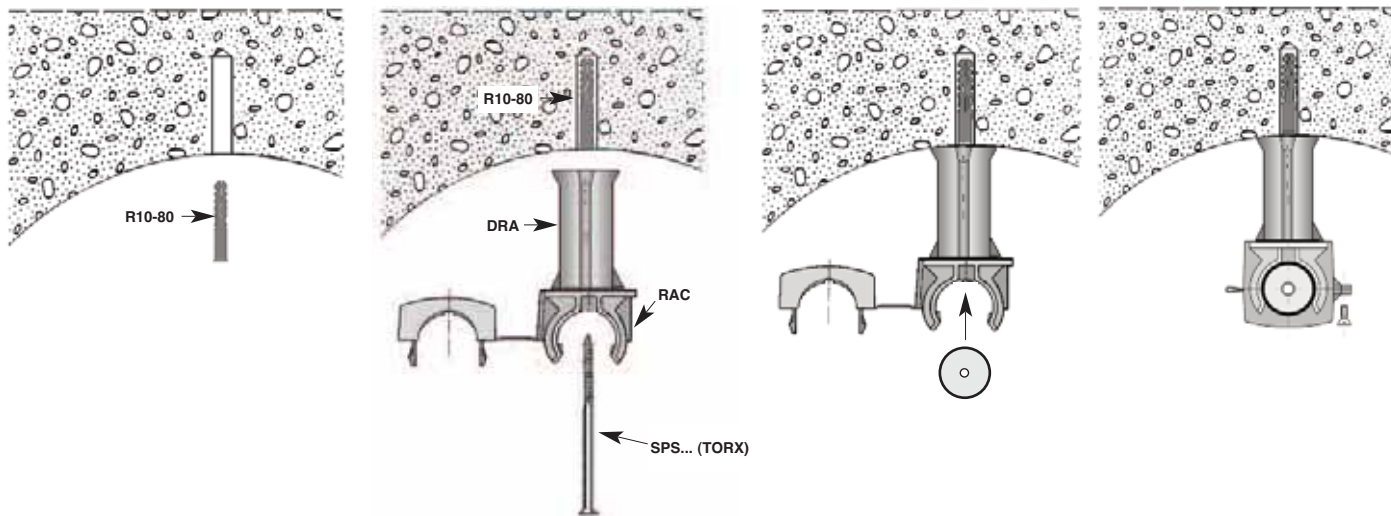
pour chevilles en P.A. R10-80
à tête fraissée TORX

R10-80 + SPS... sont la solution pour le montage des
fixations RAC sur masonnerie de béton/brique

Matériels:

R10-80 = P.A.

SPS... = Acier galvanisé (INOX sur demande)



| Figura Figure Abbildung Figure | Code Code Artikel Nr. Code | Articolo Article Artikel Article | | ø | L | Per For Für Pour | | | g g g | Prezzo Price Preis Prix |
|---|-------------------------------------|---|----|----|-----|---------------------------|-----|-----|-------------|----------------------------------|
| | ME 0501 0090 | R10-80 | 10 | 10 | 80 | RAC RAC + DRA | 100 | 400 | 10 | |
| | 61 2923 7085 | SPS 85/7 | - | 7 | 85 | RAC | 100 | 400 | 12 | |
| | 61 2923 7140 | SPS 140/7 | - | 7 | 140 | RAC + DRA 50 | 100 | 400 | 16 | |
| | 61 2923 7165 | SPS 165/7 | - | 7 | 165 | RAC + DRA 80 | 100 | 400 | 25 | |

MFI - Ancorante acciaio inox AISI 304
MF - Ancorante acciaio zincato

Elementi di fissaggio per l'installazione dei morsetti **RAC** su distanziali **MEI**.
Veloce nella posa, ideale per materiali compatti.

Materiali:

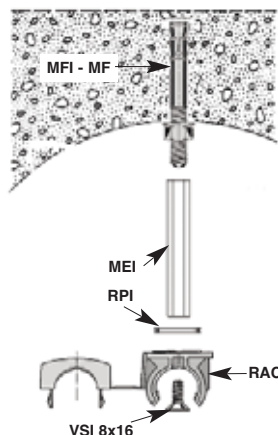
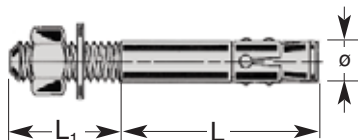
MFI- acciaio inossidabile AISI 304
MF- acciaio zincato

MFI - AISI 304 Steel Anchor
MF - Steel anchor galvanized steel

Fixing of **RAC** clamps on **MEI** brackets.
Best for speedy mountings on concrete.

Materials:

MFI- Stainless steel AISI 304
MF- Galvanized steel



MFI - Stahllanker AISI 304
MF - Stahllanker verzinkt

Zur Verlegung von **RAC** Schellen auf **MEI**-Abstandhalter.
Ideal für Schnellmontage in Stein und Beton.

Material:

MFI- Stahl AISI 304
MF- Stahl verzinkt

MFI - Goujon à bague AISI 304
MF - Goujon à bague acier galvanisé

Chevilles pour la fixation des attaches **RAC** sur entretoises **MEI**.
Idéal pour pose rapide sur pierre et ciment.

Matériels:

MFI- Acier Inox AISI 304
MF- Acier galvanisé

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | | Ø | Filetto Thread Gewinde Eccrou | L | L1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|--|----|----|--|--|-------|----------------------------------|
| inox | 10 1302 0875 | MFI 8x75/30 AISI 304 | | 8 | M8 | 45 | 30 | | | 32 | |
| | 10 1301 0870 | MF 8x70/30 | | 8 | M8 | 40 | 30 | | | 33 | |

SAR 14-M8PF - Tassello acciaio zincato

Tassello ad espansione con perno filettato M8, per l'installazione di fissacavi **RAC** su distanziali **MEI**.
Impiego universale su murature diverse.

Materiali:

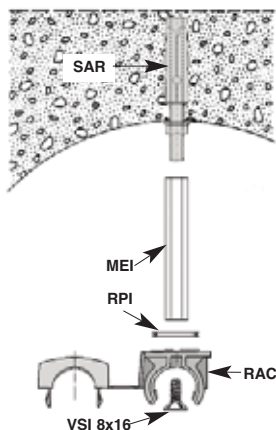
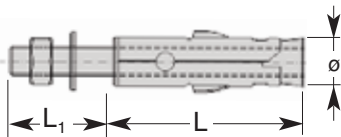
Corpo tassello: acciaio zincato.
Barra filettata: acciaio zincato.
Dadi e rondelle: acciaio zincato

SAR 14 - M8PF - Galv. Steel Plug

Expansion plug with M8-bolt for fixing of **RAC** clamps on **MEI** brackets.
Suitable for various building materials.

Materials:

body: Galvanized steel.
bolt: Galvanized steel.
Nut and washer: Galvanized steel



SAR 14 - M8PF - Verz. Stahldübel

Spreizdübel mit M8 Gewindestift, zur Verlegung von **RAC** Schellen auf **MEI**-Abstandhalter.
Generell verwendbar auf verschiedene Baustoffe.

Material:

Dübelhülse: Stahl verzinkt.
Gewindestift: Stahl verzinkt.
Mutter und Scheibe: Stahl verzinkt.

SAR 14 - M8PF - Cheville en acier galv.

Chevilles à expansion M8 pour la fixation des attaches **RAC** sur entretoises **MEI**.
Utilisation universelle sur différents matériaux.

Matériels:

Corps: acier galvanisé.
Tiges filetées: acier galvanisé.
Eccrou et rondelle: acier galvanisé.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | | Ø | Filetto Thread Gewinde Eccrou | L | L1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|----|--|----|----|--|--|-------|----------------------------------|
| | 10 2408 0150 | SAR 14 - M8 PF | | 14 | M8 | 55 | 20 | | | 40 | |

Fissaggi chimici

- PBC 380** - Cartuccia 380 ml di resina poliester
- EBC 280 NS** - Cartucce 280 ml di resina epossidica senza stirene
- EBC 380 NS** - Cartucce 380 ml di resina epossidica senza stirene
- BFI 8/125** - Barra filettata M8x125 di AISI 304

Cartucce di resina bicomponente, per l'installazione dei morsetti RAC mediante perno filettato M8, su distanziali MEI. Ideale per pietra e cemento.

Chemical Fastenings

- PBC 380** - 380 ml Polyester resin Cartridge
- EBC 280 NS** - 280 ml Epoxydic Resin Cartridge, no styrene
- EBC 380 NS** - 380 ml Epoxydic Resin Cartridge, no styrene
- BFI 8/125** - AISI 304 M8x125 threaded bar

Cartridges of fixing compound, for fixing of RAC clamps on MEI brackets with M8 threaded bar. Best for stone and concrete.

Chemische Befestigungen

- PBC 380** - 380 ml Kartusche Polyester Harz
- EBC 280 NS** - 280 ml Kartusche Epoxid Harz ohne Stiroil
- EBC 380 NS** - 380 ml Kartusche Epoxid Harz ohne Stiroil
- BFI 8/125** - V2A Gewindestange M8x125

Kartuschen mit zweikomponenten Verbund-masse, zur Verlegung von RAC Schellen auf MEI-Abstandhalter mittels Gewindestangen. Ideal für Stein und Beton.

Fixages chimiques

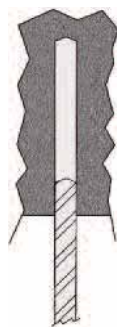
- PBC 380** - Cartouche résine polyester, 380 ml
- EBC 280 NS** - Cartouche Résine époxy sans stirene, 280 ml
- EBC 380 NS** - Cartouche Résine époxy sans stirene, 380 ml
- BFI 8/125** - Barre filetée M8x125 en AISI 304

Cartouches résine bicomposant, pour la fixation des attaches RAC sur entretoises MEI. Idéal pour pierre et ciment.



PBC 380
EBC 380 NS
EBC 380 NS
BFI

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Misure Measures Masse Dimensions | Cartuccia Cartridge Kartusche Cartouche | | | | | g |
|---|---------------------------------------|---|---|--|---------------------|----|-----|-----|---|
| | FM 9003 0380 | PBC 380 | - | 380 ml | PCC | 1 | 12 | 806 | |
| | FM 9001 0380 | EBC 380 NS | - | 380 ml | PCC | 1 | 12 | 640 | |
| | FM 9001 0280 | EBC 280 NS | - | 280 ml | SILIC. PIST. | 1 | 12 | 540 | |
| | 61 2954 8125 | BFI 8/125 | Barra filettata M8x125 M8x125 threaded bar Gewindestange M8x125 Barre filetée M8x125 | - | | 10 | 100 | 30 | |



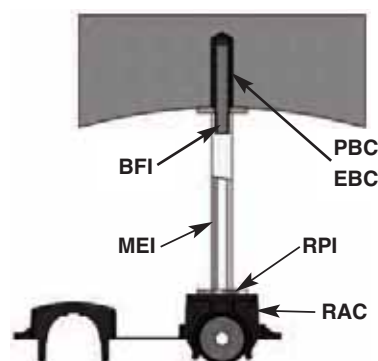
Forare ø 10 mm.
Drill ø 10 mm hole.
ø 10 mm Loch bohren.
Perçer à ø 10 mm.



Iniettare la resina.
Inject resin.
Verbundmasse einspritzen.
Injecter résine.



Inserire la barra BFI 8.
Insert bar BFI 8.
Gewinde BFI 8 einführen
Introduire barre BFI 8.



RAF 8 - Morsetto per funi portanti di acciaio

Elemento per il fissaggio a funi di acciaio $\varnothing 6 - 10$.
Trova anche applicazione per il fissaggio di cavi autoportanti.
Si blocca mediante due viti M8.

Materiale:

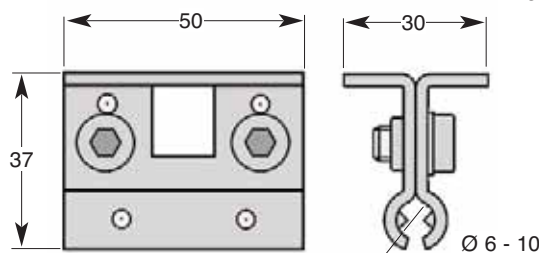
Acciaio inossidabile AISI 304.

RAF 8 - Hanging Clamp for Steel Rope

For fastenings on steel ropes $\varnothing 6 - 10$.
Especially recommended for hanging steel rope supported cables.
Locking through 2 M8 screws.

Material:

AISI 304 Stainless steel.



RAF 8 - Trage-Stahlseil-Klemme

Zur Befestigung an Stahlseilen $\varnothing 6 - 10$.
Besonders geeignet zur Aufhängung von selbsttragenden Kabeln.
Verklebung mittels zwei M8-Schrauben.

Material:

Stahl V2A.

RAF 8 - Fixation sur câble porteur en acier

Élément pour la fixation sur câbles acier $\varnothing 6-10$ mm.
Il est utilisé pour la fixation de câbles sur câbles porteur acier.
Blocage par deux vis M8.

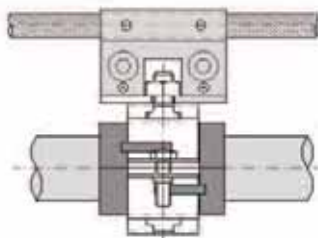
Matériel:

Inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Combinabili con Combinable with Kombinierbar mit Combinable avec | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1530 0108 | RAF 8 | GO, RF Q, APM, STM, RAC | 20 | 100 | 97 | |

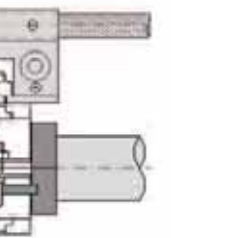
Esempi di combinazione
Combination Examples

Kombination Beispiele
Exemples de combinaison



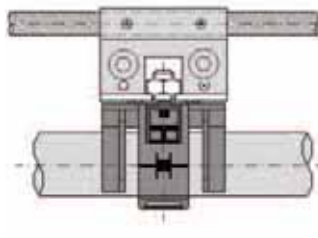
Collare **RF Q** fissato a fune portante con morsetto **RAF 8**.

RF Q collar fixed on supporting steel rope with **RAF 8** clamp.



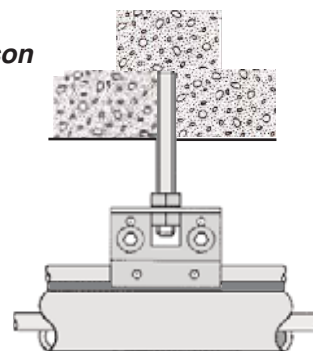
Quadratschelle **RF Q** am Trageseil befestigt mittels **RAF 8**.

Collier **RF Q** fixé par **RAF 8** sur câble porteur en acier.



Morsetto **RAC** fissato su fune portante a mezzo di **RAF 8**.

RAC clamp fixed on supporting steel rope by **RAF 8** clamp.



Cavo autoportante bloccato con morsetto **RAF 8** e sospeso mediante perno filettato e dadi M8.

Self supported coaxial cable fixed by **RAF 8** clamp and fastened by threaded bar and M8 nuts.

Selbsttragendes Koax-Kabel verklebt mittels **RAF 8** und befestigt mit Gewindestange und Muttern M8.

Câble coaxial fixé par attache **RAF 8** et suspendu au moyen de pivot fileté et écroux hexagonaux M8.

RAP - Portacavo per cavi radianti

sospensioni su funi portanti di acciaio/sintetiche

Il portacavi **RAP**, formato da due gusci incernierati ①, viene utilizzato nelle gallerie per la sospensione di cavi radianti coassiali a funi portanti, sia di acciaio sia di materiale sintetico. Trattiene il cavo coassiale senza comprimerlo né deformarlo. Gancetti elastici ② assicurano la chiusura a scatto e il prefissaggio rapido attorno al cavo e alla fune portante. Due viti ③ garantiscono il fissaggio definitivo del **RAP** sul cavo e sulla fune portante.

Materiale:

PA6V0, colore nero, autoestinguente, senza alogeni (accordo UL94 - VO).
Temperature di esercizio: - 40°C + 125°C



RAP (Pat.)

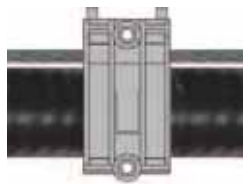
RAP - Radiating Cable Clamp

for Hangings on steel/synthetic Ropes

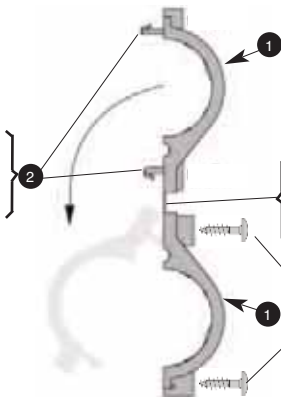
The **RAP** Clamp, consisting of two hinged shells ①, is used in tunnels to hang coaxial radiating cables to ropes made of either steel or synthetic materials. It holds the coaxial cable without compressing nor deforming it. Some small elastic snap-in hooks ② guarantee the closure as well as a quick pre-fixing around cable and rope. Two screws ③ assure the final fixing of **RAP** Clamp on cable and rope.

Materials:

PA6V0, black colour, self extinguishing, halogen free (according to UL94 - VO).
Operating temperature : - 40°C + 125°C

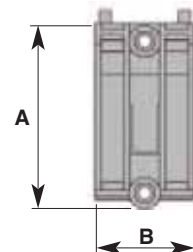
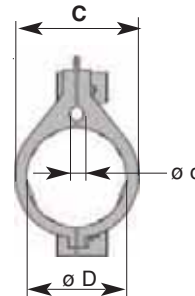


- Ganci per prefissaggio
- Pre-fixing hooks
- Vorbefestigung durch Haken
- Crochet pour pré-fixations



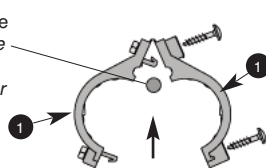
- Cerniera flessibile (brev.)
- Flexible hinge (Pat.)
- Flexibles Scharniergelenk (Pat.)
- Charnière flexible (Brev.)

- Viti TORX
- TORX screws
- TORX Schrauben
- Vis TORX

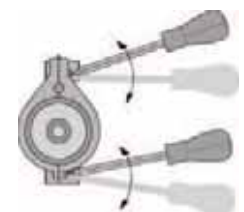
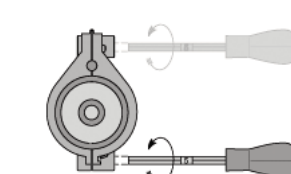
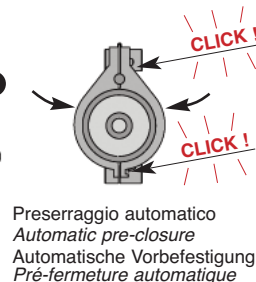
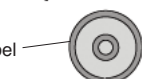


| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | A | B | C | ø d | ø D | | | g | Prezzo Price Preis Code |
|---|---------------------------------------|---|----|----|----|-----|-------|----|--|-------|----------------------------------|
| | 61 5050 0078 | RAP 7/8" | 74 | 50 | 40 | 6-7 | 27-28 | 50 | | 41 | |
| | 61 5050 0114 | RAP 1.1/4" | 83 | 50 | 51 | 6-7 | 39-40 | 50 | | 48 | |
| | 61 5050 0158 | RAP 1.5/8" | 94 | 50 | 62 | 6-7 | 50-52 | 50 | | 54 | |

Fune portante
Hanging rope
Trageseil
Câble porteur



Cavo radiante
Radiating cable
Abstrahlendes Kabel
Câble rayonnant



SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

Esempio d'installazione di RAC

Posa di un cavo coassiale radiante in galleria.

Posa dei cavi mediante morsetti **RAC**.

I morsetti **RAC** vengono fissati a parete mediante tasselli murali meccanici o chimici, secondo l'esigenza, a contatto diretto o distanziato mediante distanziatori **DRA** o **MEI**. L'installazione è rapida e sicura grazie ad un prefissaggio elastico provvisorio del cavo nel morsetto ed una chiusura a scatto definitiva tramite la calotta del **RAC** stesso.

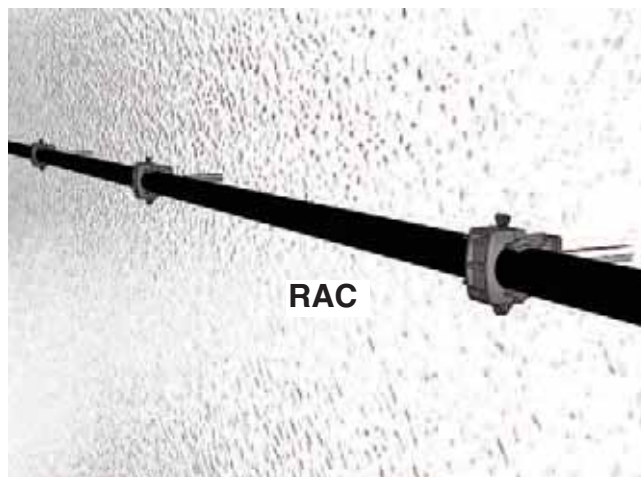
RAC Installation example

Installation of Radiating Cable in Tunnel

Installation by using **RAC** cable clamps.

RAC cable clamps are fixed to the wall by a mechanical or chemical fastener, directly or through spacers **DRA** or **MEI**.

The installation is quick and safe thanks to an elastic provisional pre-fixing of the cable. The final closure is assured by the cap of the **RAC** cable clamp.



RAC Montage Beispiel

Verlegung eines abstrahlendes Koaxkabels in Tunnel

Kabelverlegung mittels **RAC** Schellen.

RAC Schellen können mittels mechanischen oder chemischen Mauerdübeln befestigt werden, unmittelbar an die Wand oder mit Abstand mittels Halter **DRA** oder **MEI**.

Schnell und sichere Montage und sicher durch elastische Vorbefestigung und endgültige Verriegelung des Kabels durch die Haube der **RAC**- Schelle.

Exemple d'installation du RAC

Fixation d'un câble rayonnant dans tunnel

Fixation en utilisant attache pour câbles rayonnants **RAC**.

Le **RAC** est fixé au moyen d'une cheville, à contact direct au mur ou espacé par une entretoise **DRA** ou **MEI**.

L'installation est rapide et sûre grâce à une préfixation provisoire élastique du câble et à la fermeture définitive garantie par la calotte du **RAC** même.



Esempio d'installazione di RAP

Sospensione di cavo radiante su fune portante

Aggancio del cavo radiante a una fune portante mediante il collare reggicavo **RAP**.

Montaggio rapido e sicuro grazie alla chiusura a scatto sul cavo e sulla fune portante, e al fissaggio definitivo di sicurezza mediante due viti di acciaio.

RAP Installation example

Radiating Cable hanging on rope in Tunnel

Hanging of a radiating cable to a rope using the **RAP** collar.

The installation is quick and safe thanks to a click closure both on the radiating cable and on the rope. Two steel screws guarantee the safe final fixing of the radiating cable on the rope.



RAP Montage Beispiel

Abstrahlendes Koaxkabels an Trageseil in Tunnel

Aufhängung eines abstrahlenden Koaxkabels mittels **RAP** Schellen. Schnelle und sichere Verlegung durch Einschnappen der Schelle auf Kabel und trageseil. Die Endbefestigung und absicherung erfolgt durch zwei Stahl- Schrauben.

Exemple d'installation du RAP

Fixation d'un câble rayonnant suspendu dans tunnel

Suspension d'un câble rayonnant sur câble porteur avec collier **RAP**.

L'installation est rapide et sûre, grâce à la fermeture à déclenchement soit sur le câble rayonnant soit sur le câble porteur. Deux vis en acier garantissent la fixation définitive de sécurité.

Elementi di fissaggio
Fastening Devices

Befestigungselemente
Elements de fixation



MAM 8 - Morsetti multidirezionali (brev.)

Morsetti multidirezionali costituiti da un cavallotto d'acciaio inossidabile munito di vite M8+secondo foro M8, che permette il bloccaggio su strutture varie. Utile al montaggio di altri oggetti per mezzo di vite M8 inserita in un traversino orientabile a piacere. In abbinamento ai collari **GO** e **RF Q**, alle staffe **STM8**, alle mensole **MEM** e all'applicatore **APM**, offre il vantaggio di una universalità di impiego, semplicità e flessibilità d'installazione.

Materiale:
Acciaio inossidabile AISI 304.

MAM 8 - Multidirectional Clamps (pat.)

Multidirectional clamps, consisting of a stainless steel bow equipped with M8 screw+second M8 hole, allows hooking to various structures. Thanks to an M8 screw inserted in a pivot pin, other objects can be mounted and oriented. In combination with **GO** and **RF Q** collars, **STM8** stirrups, **MEM** brackets and **APM** adapters, the installation becomes easy and flexible.

Material:
AISI 304 Stainless steel.



MAM 8 - Ausschwenkbare Klemme (pat.)

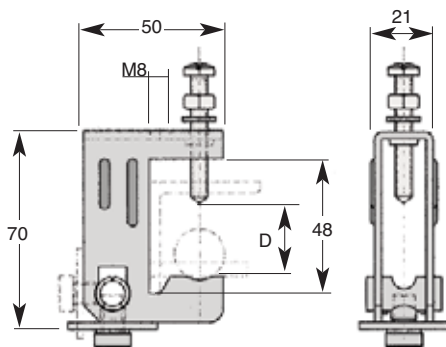
Stahlbügel mit M8 Befestigungsschraube+zweite M8 Bohrung, für Befestigungen an verschiedene Profile. Nach Verankerung der Klemme an das entsprechende Profil, können problemlos andere Teile wie **GO**- und **RF Q**-Schellen, **MEM** Konsolen, **STM8** Flachhalter und **APM** Adapter befestigt und beliebig ausgeschwenkt und orientiert werden.

Material:
Stahl AISI 304 (V2A).

MAM 8 - Attaches multidirectionnelles (brev.)

Attache avec vis de fixation M8+deuxième trou M8. Grâce au pivot M8, on peut obtenir une fixation dans n'importe quelle direction. En plus l'attache est orientable et la fixation aux profils standard rend possible l'association de colliers **GO** et **RF Q**, d'étrier **STM8**, de consoles **MEM** et d'adaptateur **APM**.

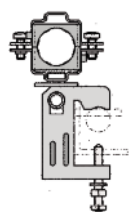
Matériel:
Acier inox AISI 304.



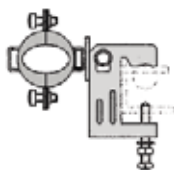
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | Per profili For profile Für profile Pour profilés | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|------|--|----|-----|-------|----------------------------------|
| | 61 1523 1140 | MAM 8 | 8-40 | 8-40 8-40 8-40 | 20 | 100 | 140 | |

Combinazioni
Combinations

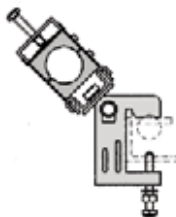
Kombinationen
Combinaisons



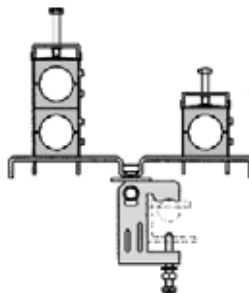
MAM 8 + RF Q



MAM 8 + GO + GRE



MAM 8 + APM + sRF



MAM 8 + STM 8 + sRF



MAM 8 + MEI + sRF

**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**

MBM 8 - Morsetti multidirezionali (brev.)

Morsetti multidirezionali costituiti da un cavallotto d'acciaio inossidabile munito di vite M8 più secondo foro che permette il bloccaggio su strutture varie. Utile al montaggio di altri oggetti per mezzo di vite M8 inserita in un traversino orientabile a piacere. In abbinamento ai collari **GO** e **RF Q**, alle staffe **STM8**, alle mensole **MEM** e all'applicatore **APM**, offre il vantaggio di una universalità di impiego, semplicità e flessibilità d'installazione.

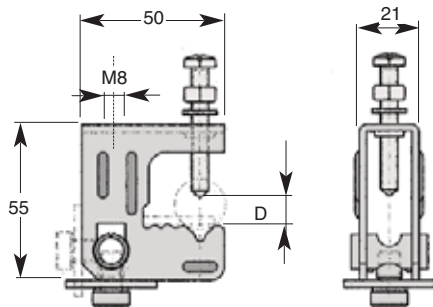
Materiale:
Acciaio inossidabile AISI 304.



MBM 8 - Multidirectional Clamps (pat.)

Multidirectional clamps, consisting of a stainless steel bow equipped with a M8 screw, allows hooking to various structures. By using M8 screw + a second hole inserted in a pivot pin other objects can be mounted and orientated. In combination with **GO** and **RF Q** collars, **STM8** stirrups, **MEM** brackets and **APM** adapters, installation becomes easy and flexible.

Material:
AISI 304 Stainless steel.



MBM 8 - Ausschwenkbare Klemme (pat.)

Stahlbügel mit M8 - Befestigungsschraube, für Befestigungen an verschiedene Profile. Nach Verankerung der Klemme an das entsprechende Profil, koennen problemlos andere Teile wie **GO**- und **RF Q**-Schellen, **MEM** Konsolen, **STM8** Flachhalter und **APM** Adapter, befestigt und beliebig ausgeschwenkt und orientiert werden.

Material:
Stahl AISI 304 (V2A).

MBM 8 - Attaches multidirectionnelles (brev.)

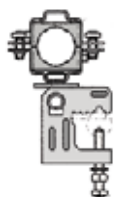
Attache avec vis de fixation M8. Grâce au pivot M8, on peut obtenir une fixation dans n'importe quelle direction. En plus l'attache est orientable et la fixation aux profils standard rend possible l'association de colliers **GO** et **RF Q**, d'étrier **STM8**, de consoles **MEM** et d'adaptateur **APM**.

Matériel:
Acier inox AISI 304.

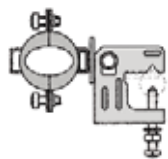
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | Per profili For profile Für profile Pour profilés | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|------|--|--------|-----|----------------------------------|
| | 61 1523 0125 | MBM 8 | 3-26 | | 20 100 | 136 | |

Combinazioni
Combinations

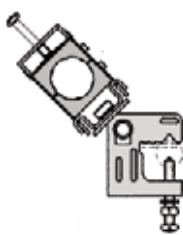
Kombinationen
Combinaisons



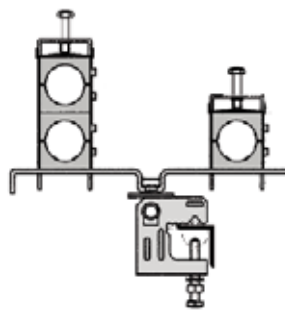
MBM 8 + RF Q



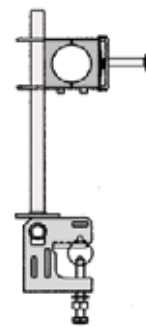
MBM 8 + GO + GRE



MBM 8 + APM + sRF



MBM 8 + STM 8 + sRF



MBM 8 + MEI + sRF

**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**



MCM 8 - Morsetto autobloccante
MCM 8V - Morsetto autobloccante con vite M8

Morsetto monoblocco bidirezionale completo di piastrina reggispinta brevettata. Vite di serraggio M8 autobloccante brevettata. E' apprezzato per la sua semplicità e flessibilità d'installazione su strutture varie.
E' combinabile con fissacavi **UCO**, **USO**, **RF Q**, collari **GO**, staffe **STM 8**, applicatori **APM**.

Materiale:
Acciaio inossidabile AISI 304.



MCM 8

MCM 8 - Selbstsichernde Klemme
MCM 8V - Selbstsichernde Klemme mit M8 Schraube

Orientierbare Monoblock Klemme versehen mit patentierter gekerbter Druckplatte.
Patentierter selbstsichernde M8 Druckschraube.
Kombinierbar mit **UCO**, **USO**, **RF Q** Schellen, **GO** Rund-Schellen, **STM 8** Halter, **APM** Adapter.

Material:
Stahl AISI 304 (V2A).

MCM 8 - Self-locking Clamp
MCM 8V - Self-locking Clamp with M8 Screw

Enbloc bidirectional clamp with a patented ribbed, self-centering pressure plate and patented self-locking M8 screw. Appreciated for its simple and adaptable installation. Combinable with **UCO**, **USO** and **RF Q** clamps, **GO** collars, **STM 8** stirrups, **APM** adaptors, it offers the advantage of a universal usage.

Material:
AISI 304 Stainless steel.

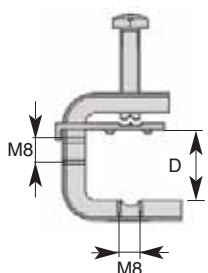


MCM 8V

MCM 8 - Attache auto-arrêtante
MCM 8V - Attache auto-arrêtante avec vis M8

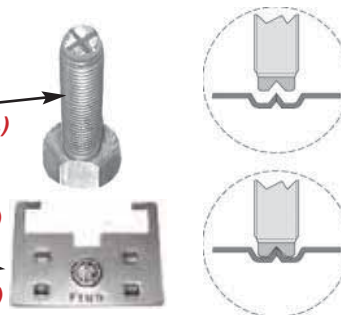
Attache monobloc bidirectionnelle avec une plaque de pression auto-centreuse breveté. Vis auto-arrêtante breveté.
Appréciée pour sa simplicité et flexibilité d'installation.
Combinable avec fixations **UCO**, **USO** et **RF Q**, colliers **GO**, étriers **STM 8**, adaptateur **APM**, elles offrent l'avantage d'un emploi universel.

Matériel:
Acier inox AISI 304.



Vite di spinta autobloccante (brev.)
Self-locking pressure screw (pat.)
Selbstsichernde Druckschraube (pat.)
Vis de fixation auto-arrêtante (brev.)

Piastrina reggispinta autocentrante (brev.)
Self-centering pressure plate (pat.)
Zentrier Druckplatte (pat.)
Plaque de pression auto-centreuse (brev.)

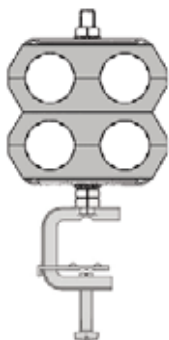


Brevettato
Patented
Patentiert
Brevetée

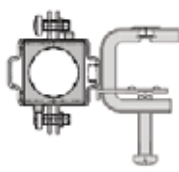
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | L | Per profili For profile Für profile Pour profilés | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|------|----|--|----|-----|-------|----------------------------------|
| | 61 1523 1002 | MCM 8 | 3-25 | 40 | | 20 | 100 | 110 | |
| | 61 1523 1003 | MCM 8V | 3-25 | 40 | | 20 | 100 | 115 | |

Combinazioni
Combinations

Kombinationen
Combinaisons



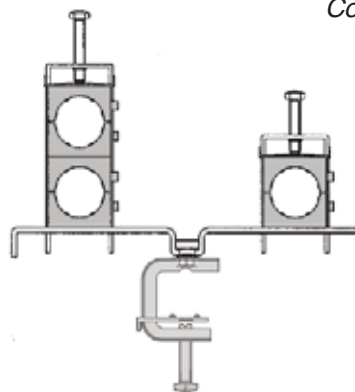
MCM 8 + UC



MCM 8 + RF Q



MCM 8 + APM + sRF



MCM 8 + STM 8 + sRF



MCM 8 + GO + GRE

**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**

MIM 8/25 - Mini morsetto M8 autobloccante
MIM 8/35 - Maxi morsetto M8 autobloccante

Mini morsetto bidirezionale monoblocco completo di piastrina reggispinta brevettata per aggancio su strutture varie. Vite di serraggio M8 autobloccante brevettata. E' apprezzato per la sua semplicità e flessibilità d'installazione. E' combinabile con bi-selle SAC, fissacavi RF Q, applicatori APM.

Materiale:

Acciaio inossidabile AISI 304.



MIM 8/25 - Miniklemme M8 Selbstsichernde
MIM 8/35 - Maxiklemme M8 Selbstsichernde

Orientierbare Monoblock Miniklemme versehen mit patentierter gekerbter Druckplatte. Patentierte selbstsichernde M8 Druckschraube. Kombinierbar mit kalibrierten SAC Doppelwannen, RF Q Schellen, APM Adapter.

Material:

Stahl AISI 304 (V2A).

MIM 8/25 - Self-locking M8 Mini Clamp
MIM 8/35 - Self-locking M8 Maxi Clamp

Enbloc bidirectional mini clamp with a patented ribbed, self-centering pressure plate, and patented self-locking M8 screw. Appreciated for its simple and adaptable installation. Combinable with SAC double saddles, RF Q clamps and APM adaptors.

Material:

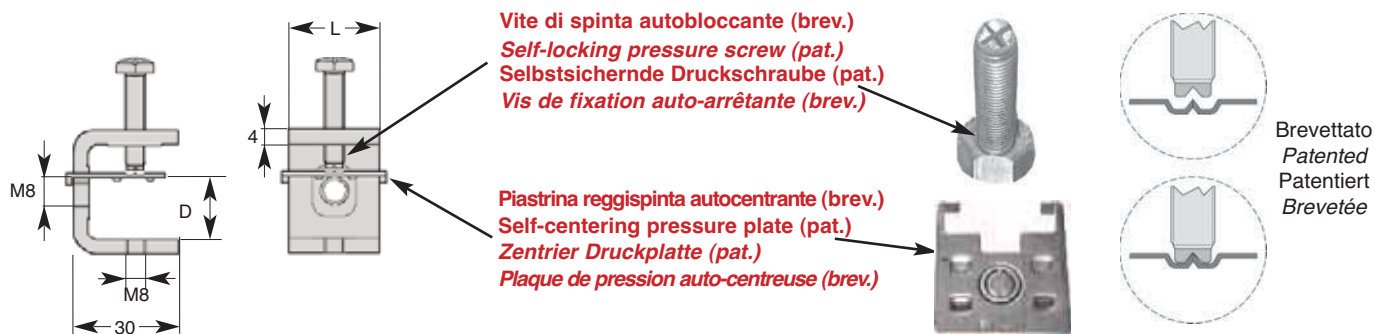
AISI 304 Stainless steel.

MIM 8/25 - Mini fixation M8 auto-arrêtante
MIM 8/35 - Maxi fixation M8 auto-arrêtante

Mini attache monobloc bidirectionnelle avec une plaque de pression auto-centreuse brevetée. Vis auto-arrêtante brevetée. Appréciée pour sa simplicité et flexibilité d'installation. Combinable avec garnitures doubles calibrées SAC, fixations RF Q, adaptateurs APM, elles offrent l'avantage d'un emploi universel.

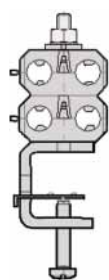
Matériel:

Acier inox AISI 304.



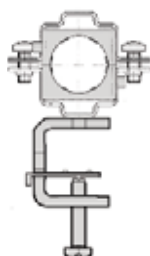
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | L | Per profili For profile Für Profile Pour profilés | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------|----|--|----|-----|-----|----------------------------------|
| | 61 1523 2525 | MIM 8/25 | 3 - 25 | 25 | | 20 | 100 | 74 | |
| | 61 1523 3535 | MIM 8/35 | 3 - 35 | 35 | | 20 | 100 | 135 | |

Combinazioni
Combinations



MIM 8 + SAC

Kombinationen
Combinaisons



MIM 8 + RF Q



MIM 8 + APM

**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**

MOT 8 Morsetto fissacorda
corda \varnothing 6-10 (16-70 mm²)

Per il fissaggio di corde di rame nudo \varnothing 6-10 mm (25 - 50 - 70 mm²) su supporti vari.

Descrizione:

- ① cavallotto
- ② clip di protezione del cavo \varnothing 6-10
- ③ vite premente M8

Materiale:

Acciaio inossidabile AISI 304.



MOT 8 Copper Wire Fastener
Rope \varnothing 6-10 (16-70 mm²)

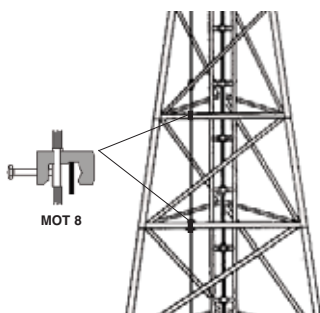
To fix copper wire ropes \varnothing 6-10 mm (25 - 50 - 70 mm²) to various supports.

Description:

- ① Steel bow
- ② cable protection clip \varnothing 6-10
- ③ M8 locking screw

Material:

AISI 304 Stainless steel.



MOT 8 Erdungsseil Befestigung
Seil \varnothing 6-10 (16-70 mm²)

Zur Befestigung von blanken Kupferleitern \varnothing 6-10 mm (25 - 50 - 70 mm²) an verschiedene Profile.

Beschreibung:

- ① Stahlbügel
- ② Kabel Schutz-Clip \varnothing 6-10
- ③ M8 Druckschraube

Material:

Stahl AISI 304 (V2A).

MOT 8 Fixation pour câbles-cuivre
 \varnothing 6-10 (16-70 mm²)

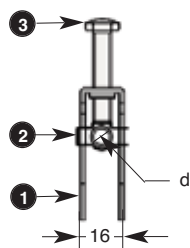
Pour fixer câbles en cuivre \varnothing 6-10 mm (25 - 50 - 70 mm²) sur supports diverses.

Description:

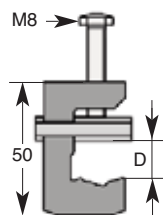
- ① étrier
- ② clip de protection du câble \varnothing 6-10
- ③ vis de fixation M8

Matériel:

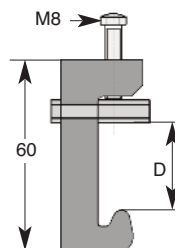
Acier inox AISI 304.



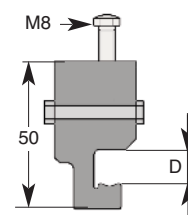
MOT..



MOT 8M



MOT 8A

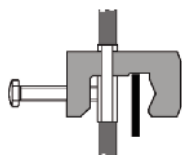


MOT 8E

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Corde rame d Copper wires d Kupferleiter d Câbles cuivre d | D | Per profili For profile Für profile Pour profilés | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-------|--|----|-----|-------|----------------------------------|
| | 60 1519 0612 | MOT 8M | 16-70 mm ² \varnothing 6-10 mm | 3-25 | | 50 | 100 | 60 | |
| | 60 1519 1612 | MOT 8A | 16-70 mm ² \varnothing 6-10 mm | 30-40 | | 50 | 100 | 65 | |
| | 60 1519 2612 | MOT 8E | 16-70 mm ² \varnothing 6-10 mm | 12 | | 50 | 100 | 59 | |

Fissaggio su mensola di una corda di terra di rame nudo, mediante morsetto MOT.

Fixing of copper earthing wire on bracket by MOT clamp.



Befestigung an Konsole eines blanken Kupfer-Erdungsleiters, mittels MOT Schelle.

Fixation sur console d'un câble de terre en cuivre, par l'attache MOT.

FCT 8 - Morsetto fissacorda
corda \varnothing 7-10 (16-70 mm²)

Fissaggio per corde di rame \varnothing 7-10 mm su tralicci. Composto da morsetto multidirezionale **MBM 8** e collare speciale a diedro per \varnothing 7-10 mm.

Materiale:

Acciaio inossidabile AISI 304.

FCT 8 - Copper Wire Fastener
Rope \varnothing 7-10 (16-70 mm²)

To support copper wire ropes \varnothing 7-10 mm along the frameworks, consisting of a multidirectional **MBM 8** clamp and a dihedral collar \varnothing 7-10 mm.

Material:

AISI 304 Stainless steel.



FCT 8 - Erdungsseil-Befestigung
Seil \varnothing 7-10 (16-70 mm²)

Zur Führung von Kupferleitungen an Gittermasten, bestehend aus **MBM 8** Klemme und Spezialschelle Spannweite \varnothing 7-10 mm.

Material:

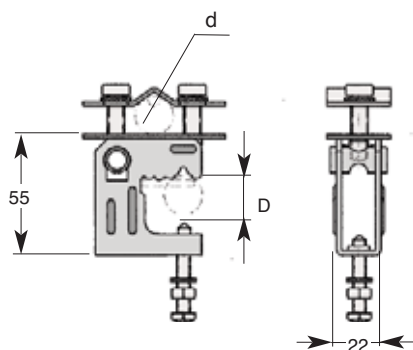
Stahl AISI 304 (V2A).

FCT 8 - Fixation pour câbles-cuivre
Cable \varnothing 7-10 (16-70 mm²)

Pour câbles-cuivre \varnothing 7-10 mm le long de treillages, formé par une attache multidirectionnelle **MBM 8** et un collier pour diamètre 7-10 mm.

Matériel:

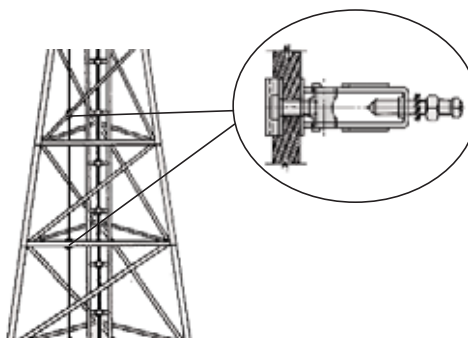
Acier inox AISI 304.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Corde rame d Copper wires d Kupferleiter d Pour câbles cuivre d | D | Per profili For profile Für profile Pour profilés | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|------|--|--------|-----|----------------------------------|
| | 61 1530 0001 | FCT 8 | 16-70 mm ² \varnothing 7-10 mm | 3-25 | | 50 100 | 198 | |

Fissaggio di una corda di messa a terra

Supporting of copper earthing wire rope



Halterung eines Kupfer-Erdungsseils

Fixation de câbles-cuivre de mise a la terre

**BAM 8 - Basetta con vite
BAC 8 - Basetta con cavallotto**

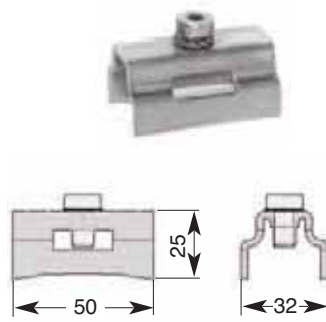
Le basette **BAM 8/BAC 8** vengono fissate con nastri **BIT 19** o fascette **FAS e FAU**, a strutture varie come pali e tralicci, per creare punti di fissaggio per successive installazioni. Sulla basetta **BAM 8** è presente un foro M8 con vite che consente l'applicazione di staffe, collari, ecc. La basetta **BAC 8** si differenzia per la presenza di un cavallotto speciale e due viti M8 per serrare mensole \varnothing 8-12.

Materiale:
Acciaio inossidabile AISI 304.

**BAM 8 - Socle with Screw
BAC 8 - Socle with bow**

BAM 8/BAC 8 socles can be applied through stainless steel strips **BIT 19** or hose clamps **FAS** and **FAU** to various structures like poles and pylons, to create fastening points for subsequent installations. On the **BAM 8** socle, a M8 hole with a screw, allows the application of brackets, stirrups, collars, etc. The **BAC 8** Socle instead has a bow with two M8 screws, for the fastening of brackets \varnothing 8-12.

Material:
AISI 304 Stainless steel.



BAM 8



BAC 8

**BAM 8 - Socket mit Schraube
BAC 8 - Socket mit Bügel**

BAM 8/BAC 8 Sockeln werden mit **BIT 19**-Stahlband, **FAS** oder **FAU** Schlauch-klemmen an Rund und Gittermasten montiert, um Befestigungspunkte für weitere Installationen zu schaffen. Eine M8 Bohrung mit Schraube, beim **BAM 8**, ermöglicht die Montage von Schellen, Konsolen, usw. Ein Spezialbügel der mit zwei M8 Schrauben am Bogen befestigt ist, ermöglicht beim **BAC 8** die Befestigung von \varnothing 8-12 Konsolen.

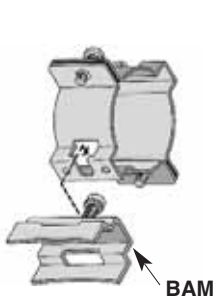
Material:
Stahl AISI 304 (V2A).

**BAM 8 - Socle avec vis
BAC 8 - Socle avec attache**

On peut fixé le **BAM 8/BAC 8** avec les rubans **BIT 19** ou collier **FAS** ou **FAU** à structures diverses comme mâts, tubes, treillages de pylône etc. Pour le **BAM 8**, une trou avec vis M8 permet le montage de colliers, consoles, étriers, etc. Le socle **BAC 8** est complète d'attache avec deux vis M8 pour la fixations de consoles \varnothing 8-12.

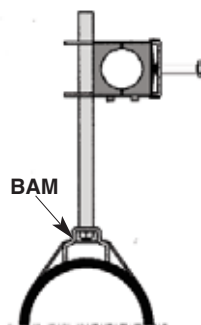
Matériel:
Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Fissaggio mediante May be fixed with Befestigung mittels Fixation avec | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|-------|----------------------------------|
| | 61 1804 0020 | BAM 8 | BIT 19 FAS - FAU | 20 | 100 | 64 | |
| | 61 1804 0812 | BAC 8 | | 20 | 100 | 84 | |



Comodo aggancio dei collari alle viti delle basette **BAM**.
Schnellmontage einer Schelle auf einen Sockel **BAM**.

Easy hooking of collars on **BAM** socle.
Facilité d'accrochage des colliers sur socle **BAM**.



Installazione di una mensola **MEM** su un palo mediante basetta **BAM**.
MEM-Konsole auf **BAM** montiert und mittels Stahlband an einem Rundmast befestigt.

Pole installation of a **MEM** bracket with **BAM** socle.
Installation sur poteau d'une entretoise **MEM** avec socle **BAM**.



Installazione regolabile su palo con basetta **BAC** che sostiene una mensola con collare **GO** e guarnizione **GRQ** per guide.
Einstellbare Mastbefestigung einer Konsole mit **GO**-Schelle und **GRQ**-Dichtung für Wellenleiter mittels **BAC**.

Adjustable pole installation of a **MEM** bracket, **GO** collar with **GRQ** cushion, on **BAC** socle,
Installation réglable sur poteau d'une entretoise **MEM**, collier **GO** et garniture **GRQ** avec **BAC**.

BOM 8 - Basetta con due viti M8

Viene fissata con nastri **BIT 19** o fascette **FAS** e **FAU**, a strutture varie come pali e tralicci, per creare punti di fissaggio per successive installazioni. Due fori M8 con due viti permettono l'applicazione di profilati, mensole, staffe, collari, ecc.

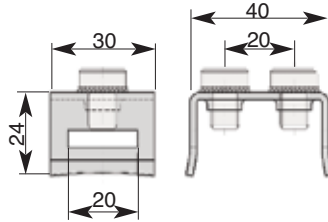
Materiale:
Acciaio inossidabile AISI 304.



BOM 8 - Socle with two M8 Screws

Can be applied with **BIT 19** strips or **FAS** and **FAU** hose clamps to various structures like poles and pylons, to create fastening points for subsequent installations. Two M8 holes with two screws allow the application of profile sections, brackets, stirrups, collars, etc.

Material:
AISI 304 Stainless steel.



BOM 8

BOM 8 - Socket mit zwei M8 Schrauben

Wird mit **BIT 19**-Stahlband oder **FAS**- bzw. **FAU**-Schlauchklemmen, an Rund- und Gittermasten montiert, um Befestigungspunkte für weitere Installationen zu schaffen. Zwei M8-Bohrungen mit Schrauben ermöglichen Montage von Profilen, Schellen, Konsolen usw.

Material:
Stahl AISI 304 (V2A).

BOM 8 - Socle avec deux vis M8

Peut être fixé par les rubans **BIT 19** ou collier **FAS** et **FAU** à des structures diverses comme mâts, tubes, treillages de pylône, etc. Deux trous M8 avec deux vis permettent le montage de profilés, colliers, consoles, étriers, etc.

Matériel:
Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Fissaggio mediante May be fixed with Befestigung mittels Fixation avec | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1804 0021 | BOM 8 | BIT 19 FAS - FAU | 20 | 100 | 64 | |



Basetta **BOM 8**, fissata su palo mediante nastro **BIT 19**, fascetta **FAS** o **FAU**.

BOM 8 socle fixed on pole by **BIT 19**, **FAS** or **FAU** hose clamp.

BOM 8-Socket an Mast mittels Band **BIT 19** oder **FAS**- bzw. **FAU**- Schlauchklemme befestigt.

Socle **BOM 8** fixé sur mâts au moyen de ruban **BIT 19**, collier **FAS** ou **FAU**.



Profilato montato su palo mediante basetta **BOM 8**.

Profile fixed on pole by **BOM 8** socle.



Profil mittels **BOM 8** an Mast befestigt.

Profilé monté sur mâts au moyen du socle **BOM 8**.



Guarnizione ellittica **GRE** con collare **GO** montati su basetta **BOM 8**.

GRE elliptical cushion in **GO** collar fixed on **BOM 8** socle.

GRE- Dichtung mit **GO**-Rundschele auf **BOM 8**.

Garniture elliptique **GRE** avec collier **GO** monté sur socle **BOM 8**.



Fissacavo **sRF** su mensola **MEM** montata su basetta **BOM 8**.

sRF clamp hooked on **MEM** bracket fixed on **BOM 8** socle.

sRF- Schelle an **MEM**-Konsole auf **BOM 8** befestigt.

Fixations **sRF** sur console **MEM** montée sur socle **BOM 8**.

APM - Applicatore

Elemento di aggancio per applicare direttamente un morsetto della serie **sRF** a parete o a cavallo di morsetti già installati. Applicabile mediante nastro **BIT** o **FAU** a pali e profili vari.

Materiale:
Acciaio inossidabile AISI 304.

APM - Adaptor

To fix **sRF** clamps to the wall or on top of already installed clamps. May be fastened on poles and profiles with **FAU** or **BIT** steel strips.

Material:
AISI 304 Stainless steel.

APM - Adapter

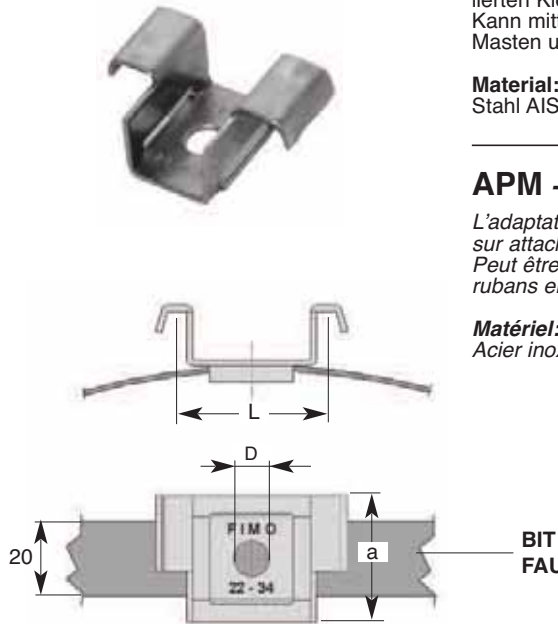
Befestigungselement für Wandmontage von **sRF**-Kabelschellen oder Zusatzmontage von anderen **sRF**-Kabelschellen auf bereits installierten Klemmen oder Haltern. Kann mittels Stahlband **FAU** oder **BIT** an Masten und Profilen befestigt werden.

Material:
Stahl AISI 304 (V2A).

APM - Adaptateur

L'adaptateur convient pour la fixation murale ou sur attaches déjà installées de la série **sRF**. Peut être fixé à poteaux et profils par les rubans en acier **FAU** et **BIT**.

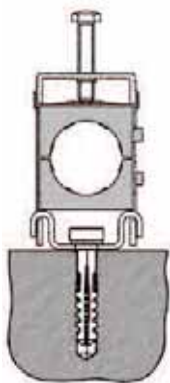
Matériel:
Acier inox AISI 304.



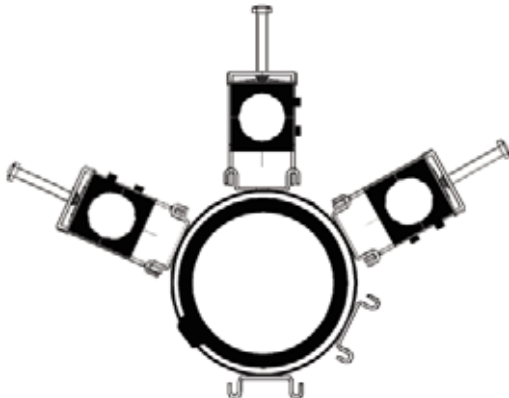
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | a | L | D | per fissacavi RF for RF-clamps für RF-Kabelschellen pour attaches RF | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----|----|-----|---|--|--|--|----------------------------------|
| | 61 1601 0012 | APM 12 | 30 | 12 | 6,5 | 6 - 8 - 9 - 10 | | | | 11 |
| | 61 1601 0022 | APM 22 | 30 | 22 | 8,5 | 11 - 13 - 1/2" - 3/8" - 20 | | | | 26 |
| | 61 1601 2234 | APM 22/34 | 30 | 34 | 8,5 | 11-13-1/2"-3/8"-20-5/8"-7/8" | | | | 30 |
| | 61 1601 0046 | APM 46 | 30 | 46 | 8,5 | 33 - 1.1/8" - 1.1/4" | | | | 36 |
| | 61 1601 4658 | APM 46/58 | 30 | 58 | 8,5 | 33 - 1.1/8" - 1.1/4" - 1.5/8" | | | | 42 |
| | 61 1601 0070 | APM 70 | 30 | 70 | 8,5 | 2.1/4" - 62 | | | | 47 |

Combinazioni
Combinations

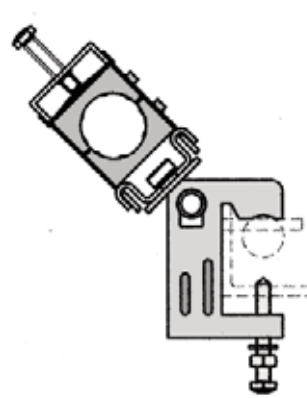
Kombinationen
Combinaisons



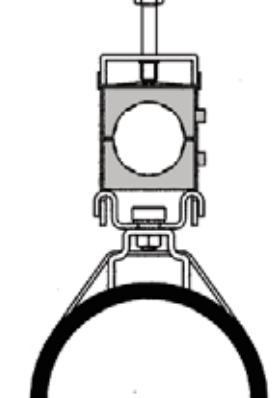
APM + sRF



APM + BIT + sRF



APM + MBM 8 + sRF



APM + BAM + BIT + sRF

SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

STM - Staffa

Si tratta di un elemento per l'aggancio di fissacavi **sRF**. Può essere applicata a pali e strutture varie tramite le basette **BAM** o i morsetti multidirezionali **MAM 8** e **MBM 8** usando una vite M8 a cava esagonale. Le asole 8 x 30 mm permettono anche l'applicazione di collari **GO** e **RF Q**.

Materiale:
Acciaio inossidabile AISI 304.



STM - Flachhalter

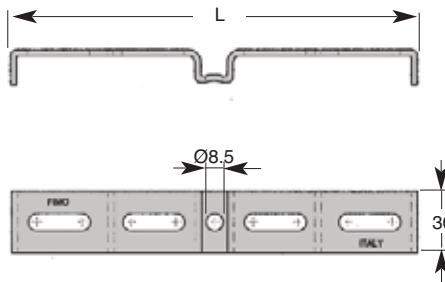
Ist für **sRF**-Klemmen geeignet. Kann durch **BAM**-Halte oder **MAM 8**- und **MBM 8**-Klemmen auf Gittermasten mit einer M8 Schraube befestigt werden. Längslöcher 8 x 30 mm zur Befestigung von **GO** und **RF Q** Schellen.

Material:
Stahl AISI 304 (V2A).

STM - Stirrup

Hooking element for **sRF** clamps. Can be applied on poles and various structures using **BAM** fastening socles or **MAM 8/MBM 8** multidirectional clamps with an M8 socket head screw. The 8 x 30 mm holes also allow the application of **GO** and **RF Q** collars.

Material:
AISI 304 Stainless steel.

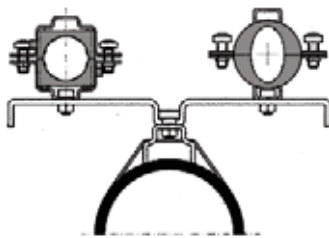


STM - Étrier

Élément pour l'accrochage d'attaches **sRF**. Peut être fixé à des structures diverses avec les socles **BAM 8** ou les attaches **MAM 8** et **MBM 8** en utilisant une vis M8 pans creux hexagonale. Des trous 8 x 30 mm permettant l'application des colliers **GO** et **RF Q**.

Matériel:
Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | L | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|----|--|-----|----------------------------------|
| | 61 1803 0001 | STM 105 | 105 | 50 | | 78 | |
| | 61 1803 0020 | STM 200 | 200 | 50 | | 130 | |

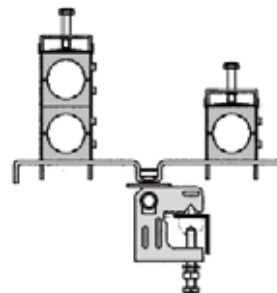


Installazione su palo di cavi coassiali e guide d'onda, mediante basetta **BAM**, staffa **STM** e collari **RF Q** e **GO**.

*Pole installation of coaxial cables and wave guides, through **BAM** fastening socle, **STM** stirrup and **GO** and **RF Q** collars.*

GO- und **RFQ-** Schellen installiert auf Flachhalter **STM** und am Mast mittels Sockel **BAM** und **BIT**-Stahlband befestigt.

*Installation sur poteau de câbles coaxiaux et guides d'ondes, au moyen d'un socle **BAM**, d'un étrier **STM** et de colliers **RF Q** et **GO**.*



Installazione su angolare di 2 morsetti **sRF**, tramite staffa **STM** e morsetto multidirezionale **MBM 8**.

*Angular installation of 2 **sRF** clamps, through **STM** stirrup and **MBM 8** multidirectional clamp.*

Installation von 2 **sRF**-Schellen auf Flachhalter mittels ausschwenkbarer **MBM 8**-Klemme an Winkeleisen befestigt.

*Installation sur cornière de 2 colliers type **sRF** avec un étrier **STM** et une attache multidirectionnelle **MBM 8**.*



Sistema di fissaggio a strutture

BIT - Nastro di acciaio INOX
GIT - Graffe di acciaio AISI 304
UIT - Utensile tenditore

Befestigungssystem an Gerüste







BIT - Stahlband
GIT - AISI 304 (V2A) Schnallen
UIT - Spann-Werkzeug

Fastening System on structures

BIT - Steel strip
GIT - AISI 304 Steel Clips
UIT - Fastening tool

Système de fixation sur structures

BIT - Ruban en acier INOX
GIT - Agrafe en AISI 304
UIT - Outil de serrage

| Figura Figure Abbildung Figure | Code Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description |  |  |  | Prezzo Price Preis Prix |
|---|-------------------------------------|---|---|---|---|---|----------------------------------|
|  | 61 9000 0206 | BIT 19/1 (AISI 201) | Nastro 19x0,76 mm (3/4") Rotoli da 30 m in scatola Steel strip 19x0,76 mm (3/4") 30 m rolls in box | 1 (= 30 m) | | 3272 | |
| | 61 9000 0206.04 | BIT 19/4 (AISI 304) | Stahlband 19x0,76 mm (3/4") 30 m pro Rolle im Karton Ruban 19x0,76 mm (3/4") Rouleau 30 m en boîte | | | | |
|  | 61 9000 0256.04 | GIT 19/4 (AISI 304) | Graffe AISI 304 Steel Clips AISI 304 Schnallen AISI 304 (V2A) Agrafes AISI 304 | 100 | | 14 | |
|  | 61 9000 0001 | UIT 19 | Utensile tenditore Fastening tool Spann-Werkzeug Outil de serrage | 1 | | 1850 | |



Installazione su palo di una basetta **BAM** e staffa **STM** mediante nastro di acciaio **BIT 19**.

*Pole installation of **BAM** fastening socle and **STM** stirrup with **BIT 19** stainless steel strip.*

Befestigung an Mast eines **BAM** Sockels und eines **STM** Flachhalters mittels Stahlband **BIT 19**.

*Installation sur poteau d'un socle **BAM** et d'un étrier **STM** par le ruban en acier inox **BIT 19**.*



Installazione su angolo di una basetta **BAM** e mensola **MEM** mediante nastro di acciaio **BIT 19**.

*Angle installation of **BAM** fastening socle and **MEM** bracket with **BIT 19** stainless steel strip.*

Befestigung an Winkleisen eines Sockels **BAM** und einer Konsole **MEM** mittels Stahlband **BIT 19**.

*Installation sur cornière d'un socle **BAM** et d'une entretoise **MEM** par ruban d'acier inox **BIT 19**.*

FAS - Fascetta stringitubo

Materiale: Acciaio inossidabile AISI 304.



FAS - Schlauchklemme

Material: Stahl AISI 304 (V2A).

FAS - Hose Clamp

Material: AISI 304 Stainless steel.

FAS - Collier de serrage

Matériel: Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----------|----|----|-----|-------|----------------------------------|
| | 61 9000 9373 | FAS 83/14 | 63 - 83 | 14 | 50 | 100 | 26 | |
| | 61 9000 9374 | FAS 98/14 | 78 - 98 | 14 | 50 | 100 | 28 | |
| | 61 9000 9375 | FAS 113/14 | 93 - 113 | 14 | 50 | 100 | 31 | |
| | 61 9000 9376 | FAS 128/14 | 108 - 128 | 14 | 50 | 100 | 35 | |
| | 61 9000 9377 | FAS 143/14 | 123 - 143 | 14 | 50 | 100 | 53 | |
| | 61 9000 9378 | FAS 158/14 | 138 - 158 | 14 | 50 | 100 | 65 | |
| | 61 9000 9379 | FAS 173/14 | 153 - 173 | 14 | 50 | 100 | 77 | |
| | 61 9000 9380 | FAS 183/14 | 168 - 188 | 14 | 50 | 100 | 89 | |
| | 61 9000 9381 | FAS 203/14 | 183 - 203 | 14 | 50 | 100 | 107 | |

FAU - Fascetta stringitubo a nastro continuo

Nastro di acciaio da tagliare a misura.
Confezione: nastro acciaio + testine di serraggio **TSR**.

Materiale: Acciaio inossidabile AISI 304.



FAU - Endlose Schlauchklemme

Auf Länge abkürzbares Stahlband
Packung: Stahlband + Spannschrauben **TSR**.

Material: Stahl AISI 304 (V2A).

FAU - Endless Hose Clamp

Steel strip to be cut to measure.
Package: steel strip + **TSR** locking screws.

Material: Stainless steel AISI 304.



FAU - Collier de serrage sans fin

Ruban en acier à couper sur mesure.
Boite: ruban avec vis de serrage **TSR**.

Matériel: Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------|----|------------------------|-----|-------|----------------------------------|
| | 61 9000 5015 | FAU 150/14 | 50 - 150 | 14 | 10 Kit (0,5m+1 TSR) | 100 | 70 | |
| | 61 9000 5080 | FAU 800/14 | 50 - 800 | 14 | 1 Kit (3m+6 TSR) | 100 | 300 | |

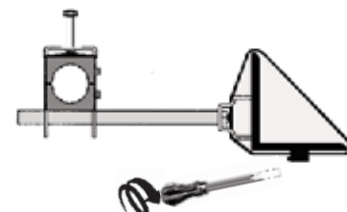


Installazione su palo di una bassetta **BAM** con staffa **STM** mediante fascetta **FAU**.

Pole installation of **BAM** socle and **STM** stirrup with **FAU** hose clamp.

Befestigung eines Mast **BAM**-Sockels mit Flachhalter **STM** mittels **FAU** Schlauchklemme.

Installation sur poteau d'un socle **BAM** et d'un étrier **STM** au moyen d'un collier **FAU**.



Installazione su angolare di una bassetta **BAM** e mensola **MEM** mediante fascetta **FAU**.

Installation on angular of **BAM** socle and **MEM** bracket by **FAU** hose clamp.

Befestigung eines Sockels **BAM** an Winkelleisen und einer Konsole mittels **FAU** Schlauchklemme.

Installation sur cornière d'un socle **BAM** et d'une console **MEM** par un collier **FAU**.

GO - Collare tondo

Il collare GO è formato da due gusci uniti da viti M6 con testa cilindrica taglio croce/cacciavite. Il tutto è assemblato in modo da permettere il montaggio senza il rischio di perdere particolari. Un foro centrale \varnothing 8,5 mm del guscio inferiore consente il fissaggio a supporti con vite M8. Il guscio superiore è provvisto di un foro centrale M8 per altri abbinamenti. Il diametro nominale D corrisponde a quello esterno delle guarnizioni elastiche **GRE**, **GRR** e **GRQ**.

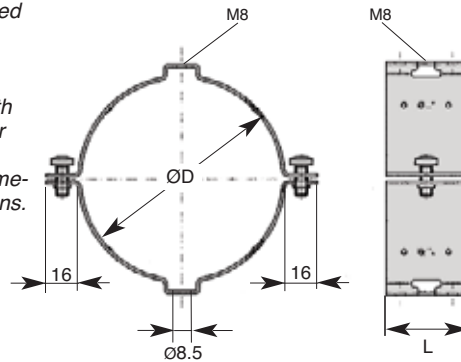
Materiale:
Acciaio inossidabile AISI 304.



GO - Round Collar

The GO collar is formed by two shells connected by two cylindrical headed M6 screws with cross/screwdriver cut. It is pre-assembled in order to avoid losing any parts. A central \varnothing 8,5 mm hole allows the installation on supports with M8 screws. The M8-threaded hole of the upper shell allows more fastenings on the top. The nominal diameter D fits with the outer diameters of the **GRE**, **GRR** and **GRQ** elastic cushions.

Material:
AISI 304 Stainless Steel.



GO - Rundschelle

Die GO-Schelle besteht aus zwei Schalen die mittels M6-Schrauben zusammengehalten werden. Die Zentralbohrung des Unterteils ermöglicht eine Befestigung mit M8-Schrauben an Halterungen. Eine M8 Gewindebohrung des Oberteils ermöglicht weitere Kombinationen. Der Durchmesser D passt zu den Aussendurchmessern der Klemmdichtungen **GRE**, **GRR** und **GRQ**.

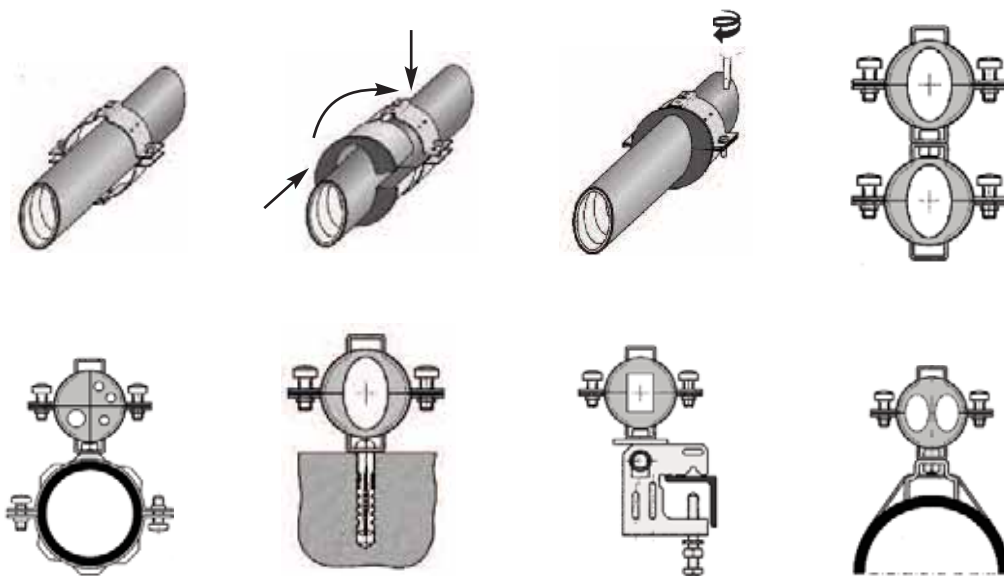
Material:
Stahl AISI 304 (V2A).

GO - Collier rond

Le collier GO se constitue de deux coquilles unies par deux vis M6. L'ensemble permet le montage sans perdre des composants. Un trou central \varnothing 8,5 mm de la coquille inférieure permet l'accrochage à des supports par une vis M8. La coquille supérieure présente un trou central M8 pour d'autres combinaisons. Le diamètre nominal D correspond au diamètre extérieur des garnitures **GRE**, **GRR** et **GRQ**.

Matériel:
Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | L | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|----|----|-----|-----|----------------------------------|
| | 61 1518 0038 | GO 38 | 38 | 40 | 20 | 100 | 102 | |
| | 61 1518 0050 | GO 50 | 50 | 40 | 20 | 100 | 122 | |
| | 61 1518 0062 | GO 62 | 62 | 40 | 20 | 100 | 136 | |
| | 61 1518 0080 | GO 80 | 80 | 40 | 20 | 100 | 162 | |
| | 61 1518 0090 | GO 90 | 90 | 50 | 10 | 50 | 216 | |
| | 61 1518 0100 | GO 100 | 100 | 50 | 10 | 50 | 238 | |



Esempi di installazione - Installation examples - Montagebeispiele - Exemples d'installation

GOP - Collare per pali

Semicollare superiore e inferiore con 6 fori sbordati a 90° per sede vite M8, per accogliere mensole **MEM**, applicatori **APM**, staffe **STM**, collari **GO**, fissacavi **UCO** e **RF Q**.
I 2 gusci sono uniti da viti M6.

Materiale:
Acciaio inossidabile AISI 304.



GOP - Pole Collar

Collar with 6 holes. Allows installation of **MEM** brackets, **GO** collars, **UCO** and **RF Q** clamps, **APM** adaptors and **STM** stirrups. The two shells are connected by M6 screws.

Material:
AISI 304 Stainless steel.

GOP - Mast Rundschellen

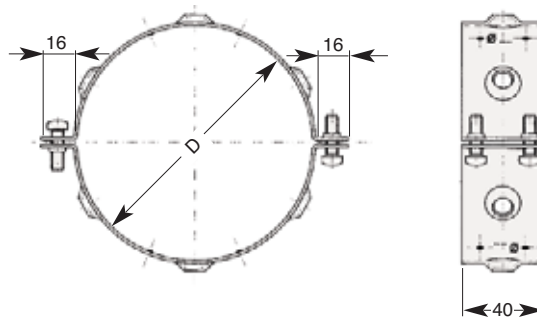
6 Senkbohrungen für Senkkopfschrauben M8. **GOP**-Rundschellen eignen sich besonders für die Befestigung an Masten von **GO**, **UCO** und **RF Q** Schellen sowie **APM** Adapter und **STM** Halter. Beide Schalen sind mit M6 Schrauben verbunden.

Material:
Stahl AISI 304 (V2A).

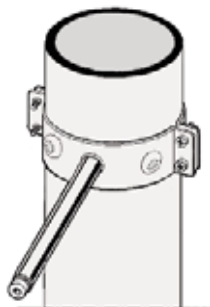
GOP - Collier Pylon

Les 6 trous du collier permettent la fixation d'entretroises **MEM**, d'adaptateurs **APM**, d'étriers **STM**, de colliers **GO**, des attaches **UCO** et **RF Q**. Le collier se constitue de deux coquilles fermée par vis M6.

Matériel:
Acier Inox AISI 304.

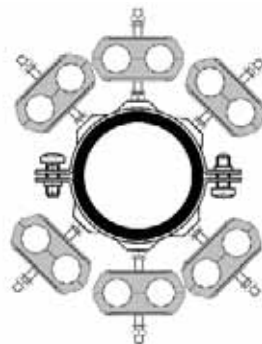


| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------------|----|----|-----|----------------------------------|
| | 61 1516 0060 | GOP 60 | 2" = 60 mm | 10 | 50 | 130 | |
| | 61 1516 0076 | GOP 76 | 2.1/2" = 76 mm | 10 | 50 | 160 | |
| | 61 1516 0090 | GOP 90 | 3" = 90 mm | 10 | 50 | 187 | |
| | 61 1516 0114 | GOP 114 | 4" = 114 mm | 10 | 50 | 210 | |
| | 61 1516 0140 | GOP 140 | 5" = 140 mm | 10 | 50 | 265 | |



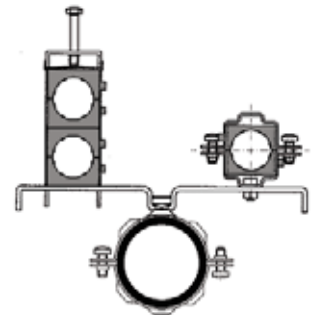
Mensola **MEM** fissata su palo mediante collare **GOP**.
Konsole **MEM** mittels Schelle **GOP** am Mast befestigt.

Mounting of **MEM** bracket by **GOP** collar on a mast.
Fixation sur poteau d'une entretoise **MEM** par collier **GOP**.



Selle **SAB** fissate su palo mediante collare **GOP**.
Kabelwannen **SAB** mittels Schelle **GOP** am Mast befestigt.

Mounting of **SAB** saddles by **GOP** collar on a mast.
Fixation sur poteau des attaches **SAB** par collier **GOP**.



Staffa **STM** fissata su palo mediante collare **GOP**.
Halter **STM** mittels **GOP**-Schelle am Mast befestigt.

STM stirrup fixed on a pole by **GOP** collar.
Fixation sur poteau d'un étrier **STM** pour collier **GOP**.



GMD - Collare multidiametro con gusci di riduzione Ø 114/90/76/60

Materiale:
Collare: acciaio inossidabile AISI 304 (V 2A)
Guscio: P.A. rinforzato di fibra di vetro, resistente a U.V.



GMD - Multidiameter Collar with Reduction Shells Ø 114/90/76/60

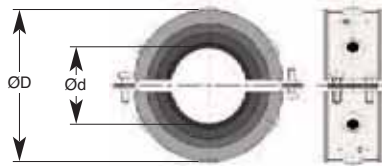
Material:
Collar: stainless steel AISI 304 (V 2A)
Shell: fiberglass P.A., U.V. resistant.

GMD - Multidurchmesser Rundschelle mit Reduzierschalen Ø 114/90/76/60

Material:
Rundschelle: V 2A
Schale: P.A. Glasfaserverstärkt, U.V.-beständig

GMD - Collier multidiamètre avec coquilles de reduction Ø 114/90/76/60

Matériel:
Collier: INOX AISI 304 (V 2A)
Coquille: P.A. avec fibre de verre, résistant aux U.V.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | ØD / Ød | Per cavi coassiali For coaxial cables Für Koax-Kabel Câbles coaxiaux | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|--------------|---|----|----|-----|----------------------------------|
| | 61 3308 1149 | GMD 114/90 | Kit GOP 114+RGO114/90 | 114/90 | 3.1/8" | 10 | 50 | 360 | |
| | 61 3308 1147 | GMD 114/76 | Kit GOP 114+RGO114/90+ RGO 90/76 | 114/90/76 | 3" | 10 | 50 | 410 | |
| | 61 3308 1146 | GMD 114/60 | Kit GOP 114+RGO114/90+ RGO 90/76+RGO 76/60 | 114/90/76/60 | 2.1/4" | 10 | 50 | 450 | |



Ø90 Ø76 Ø60
Fissaggi su pali
Fixings on pole
Befestigungen auf Mast
Fixations sur pylon

Cavo coassiale 3"
fissato su tondo con
collare GMD 114/76
+ morsetto MBM.

3" coaxial cable fixed on
bracket by GMD 114/76
and MBM clamp.



Coax Cable 3"
mittels GMD 114/76
+ MBM Klemme
an Konsole befestigt.

Installation d'un câble
coaxial 3" par
collier GMD 114/76 et
fixation MBM sur une
console.

UBO - Cavallotto a "U" per pali

Completo di viti M8.
Da usare in combinazione con spezzoni di profilato **PCI..B/PSI..B**

Materiale:
Acciaio inossidabile AISI 304.

UBO - "U" Collar for poles

Complete with M8 screws
Allows installation of pre-cut **PCI..B/PSI..B** profiles

Material:
AISI 304 Stainless Steel.



UBO - "U"-Schellen für Maste

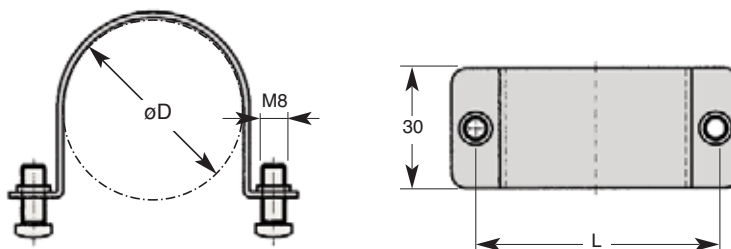
Komplett mit M8 Inbus-Schrauben.
Verwendbar mit Profilabschnitten **PCI..B/PSI..B**

Material:
Stahl AISI 304 (V2A).

UBO - Collier à "U" pour pylon

Complet de vis M8 Il permet la fixation de grenades de profilé **PCI..B/PSI..B**

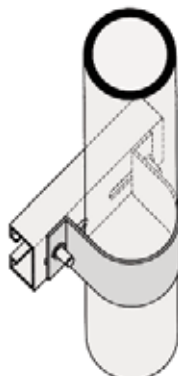
Matériel:
Acier inox AISI 304.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | D | L | Per PCI-PSI..B For PCI-PSI..B Für PCI-PSI..B Pour PCI-PSI..B | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------------|-----|---|----|----|-----|----------------------------------|
| | 61 1519 0042 | UBO 42 | 1.1/4" = 42 mm | 62 | 110-160-200 300-400-500-600 | 10 | 50 | 64 | |
| | 61 1519 0048 | UBO 48 | 1.1/2" = 48 mm | 68 | 110-160-200 300-400-500-600 | 10 | 50 | 79 | |
| | 61 1519 0060 | UBO 60 | 2" = 60 mm | 80 | 160-200-300 400-500-600 | 10 | 50 | 93 | |
| | 61 1519 0076 | UBO 76 | 2.1/2" = 76 mm | 96 | 160-200-300 400-500-600 | 10 | 50 | 116 | |
| | 61 1519 0090 | UBO 90 | 3" = 90 mm | 110 | 160-200-300 400-500-600 | 10 | 50 | 129 | |
| | 61 1519 0114 | UBO 114 | 4" = 114 mm | 134 | 200-300 400-500-600 | 10 | 50 | 161 | |
| | 61 1519 0140 | UBO 140 | 5" = 140 mm | 160 | 200-300 400-500-600 | 10 | 50 | 193 | |

Installazione su un palo, mediante cavallotto **UBO** e profilato **PCI-PSI..B**.

Mounting on mast of **UBO** collars and **PCI-PSI..B** profile.



Befestigung am Mast mittels **UBO**-Schelle und Profil **PCI-PSI..B**.

Installation sur poteau par collier **UBO** et profilé en acier **PCI-PSI..B**.

**ISL 8 - Applicatore autobloccante (brev.)
con filetto femmina M8, per profilati 40x22**

Ad inserimento rapido,
impiegabile per il montaggio di filetti M8 su
profilati **PCI 40x22**.

Materiale:
Piastrina M8: Acciaio inossidabile AISI 304.
Corpo: P.A. resistente a U.V., colore grigio.



**ISL 8 - Schnellmontage Gleitmutter (pat.)
mit M8-Gewinde, für Profile 40x22**

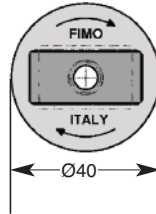
Zur schnellen Montage von M8-Gewinde auf
PCI-Profilschienen 40x22.

Material:
Gewindemutter M8: Stahl AISI 304 (V2A).
Gehäuse: P.A. U.V. - beständig, Farbe grau.

**ISL 8 - Self-locking Insert (pat.)
with M8 threaded hole, for profiles 40x22**

For quick mounting of M8 screws on
PCI-sections 40x22.

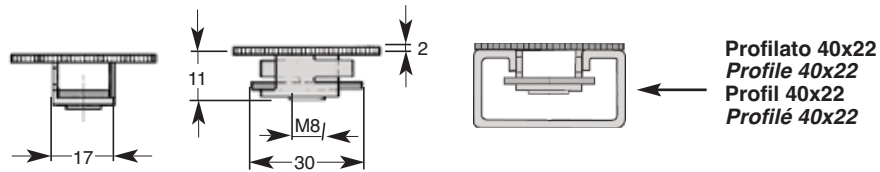
Material:
M8 insert: Stainless steel AISI 304.
Body: P.A., U.V. resistant - color grey.



**ISL 8 - Adaptateur a montage rapide (brev.)
avec écroue M8, pour profilé 40x22**

Pour le montage rapide de vis M8 sur
profilé **PCI 40x22**.

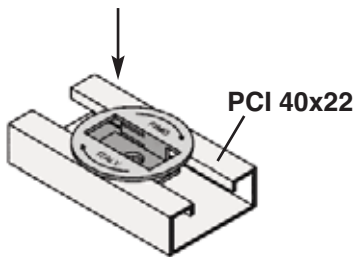
Matériel:
Insert: Acier inox AISI 304.
Corps: P.A. résistant aux U.V., couleur gris.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | | | | Prezzo m Price m Preis m Prix m |
|---|---------------------------------------|---|--|----|-----|---|--|
| | 61 4001 0008 | ISL 8 | Applicatore rapido in P.A. con piastrina M8 per profili PCI 40x22 P.A. adapter with M8-steel insert for PCI 40x22 profile P.A. Halter mit M8 Gewindemutter für Profil PCI 40x22 Adaptateur en P.A. avec écroue en acier M8 pour profilé PCI 40x22 | 20 | 100 | 9 | |

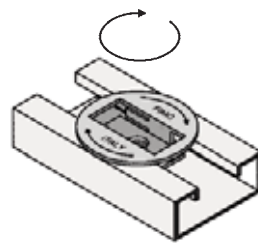
Montaggio su profilato **PCI 40x22**
Mounting on **PCI 40x22** profile

Montage an Profile **PCI 40x22**
Montage sur profilé **PCI 40x22**



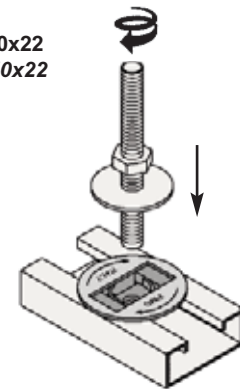
Inserire frontalmente
nel profilato

Von vorne in die
Profilöffnung
einschieben



Ruotare di 90° (pre-
fissaggio rapido)

90° rechts verdre-
hen (Schnelle
Vorbefestigung)



Montaggio comodo
di filetti M8. Bloc-
caggio finale.

Bequemes
Einschrauben von
M8-Gewinde.
Endbefestigung.

Insert from front
into profile

Introduire dans le
profilé frontalement

Turn 90° clockwise
(quick fixing)

Tourner 90° a droite
(fixage rapide)

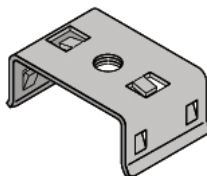
Easy mounting of
M8 screws. Final
locking.

Montage facile des
vis M8. Blocage
final.

**APE 8 - Applicatore con foro M8
APE 16 - Applicatore con apertura 17x14**

Inserimento rapido a scatto su profilati con fori laterali FIMO PCI.. B 40x22.

Materiale:
Acciaio inossidabile AISI 304.



APE 8

**APE 8 - Adapter mit M8-Gewinde
APE 16 - Adapter mit rechteckiger Öffnung 17x14**

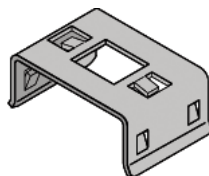
Einschnappmontage auf FIMO Profilschienen mit Seitenbohrungen PCI..B 40x22.

Material:
Stahl AISI 304 (V2A).

**APE 8 - M8 Threaded Adaptor
APE 16 - Adaptor with rectangular opening 17x14**

Quick snap-in mounting on FIMO sections PCI.. B 40x22, with lateral holes.

Material:
Stainless steel AISI 304.

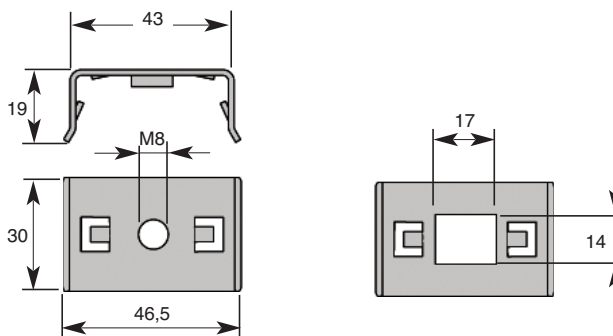


APE 16

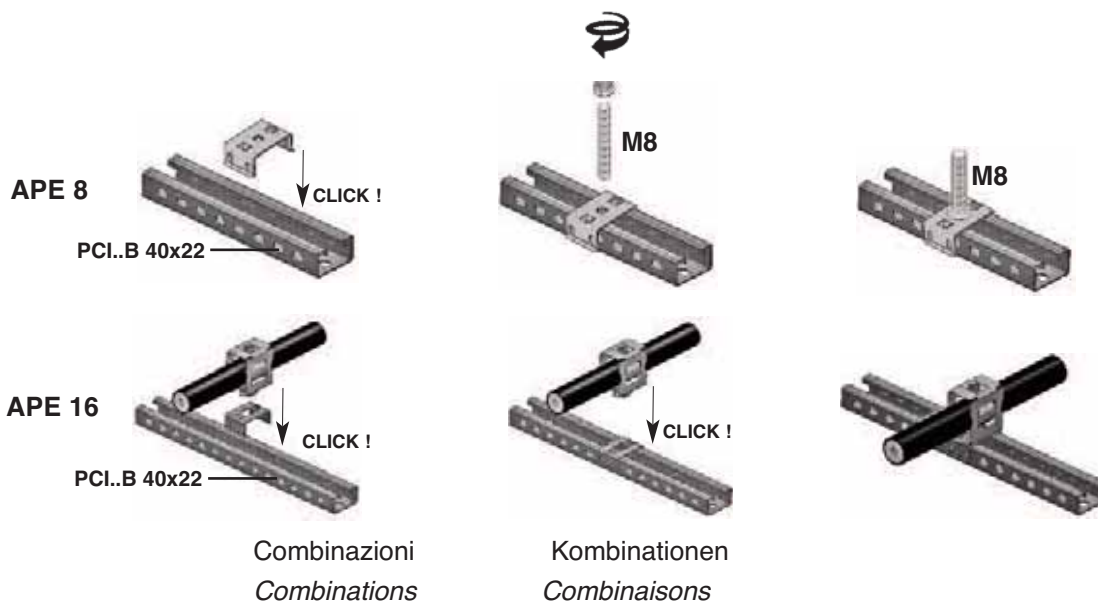
**APE 8 - Adaptateur avec écrou M8
APE 16 - Adaptateur avec fenêtre 17x14**

Montage rapide sur profilé FIMO PCI..B 40x22, avec trous laterales.

Matériel:
Acier inox AISI 304



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|--|--|----------------------------------|
| | 61 3221 0008 | APE 8 | Applicatore con foro M8 Adaptor with M8 threaded hole Adapter mit M8-Gewinde Adaptateur avec ecrou M8 | 20 | | | |
| | 61 3221 0016 | APE 16 | Applicatore con finestra 17x14 Adaptor with rectangular opening 17x14 Adapter mit rechteckiger Öffnung 17x14 Adaptateur avec fenêtre 17x14 | 20 | | | |



RAF 8 - Morsetto per funi portanti di acciaio

Elemento per il fissaggio a funi di acciaio ϕ 6 - 10.
Trova anche applicazione per il fissaggio di cavi autoportanti.
Si blocca mediante due viti M8.

Materiale:
Acciaio inossidabile AISI 304.



RAF 8 - Hanging Clamp for Steel Rope

For fastenings on ϕ 6 - 10 steel ropes.
Also recommended for self supported cables.
Locking through two M8 screws.

Material:
AISI 304 Stainless Steel.

RAF 8 - Trage-Stahlseilklemme

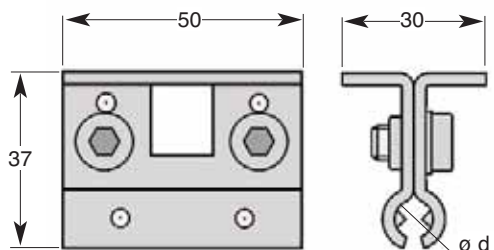
Zur Befestigung an ϕ 6 - 10 Stahlseilen.
Besonders geeignet zur Aufhängung von selbsttragenden Kabeln.
Verklebung mittels zwei M8-Schrauben.

Material:
Stahl AISI 304 (V2A).

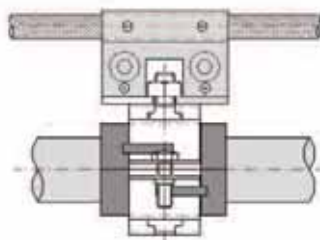
RAF 8 - Fixation sur câble porteur en acier

Élément pour la fixation sur câbles porteur en acier ϕ 6-10 mm. Il est utilisé pour la fixation de câbles sur câbles auto-porteur en acier.
Blocage par deux vis M8.

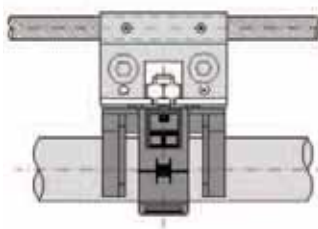
Matériel:
Acier inox AISI 304.



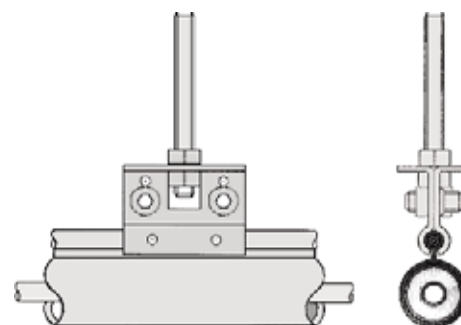
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Combinabili con Combinable with Kombinierbar mit Combinable avec | ϕ d | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----------|----|-----|-------|----------------------------------|
| | 61 1530 0108 | RAF 8 | GO, RF Q, APM, STM, RAC | 6 - 10 | 20 | 100 | 97 | |



Collare **RF Q** fissato a fune portante con morsetto **RAF 8**.
RF Q Schelle am Trageseil befestigt mittels **RAF 8**.



Morsetto **RAC** fissato su fune portante a mezzo di **RAF 8**.
RAC-Schell am Trageseil befestigt mittels **RAF 8**.



Cavo autoportante bloccato con morsetto **RAF 8**.
Selbsttragendes Kabel verklebt mit **RAF 8**.

RF Q collar fixed by **RAF 8** clamp on supporting steel rope.
Collier **RF Q** fixé par **RAF 8** sur câble porteur acier.

RAC clamp fixed by **RAF 8** clamp on supporting steel rope.
Attache **RAC** fixé par **RAF 8** sur câble porteur.

Self supported coaxial cable fixed by **RAF 8** clamp.
Câble coaxial porteur fixé par attache **RAF 8**.

MCF 8 - Morsetto per funi portanti d'acciaio

È costituito da un cavaliere completo di vite con testa a cava esagonale M8 per fissare oggetti vari da ancorare a funi portanti di acciaio.
Due traversini M8 abbinati, completi di grano M8, permettono di bloccarlo sulla fune \varnothing 6 - 10.
Una clip, da innestare sulla fune prima del montaggio, dà opportuna protezione alla fune stessa.

Materiale:
Acciaio inossidabile AISI 304.

MCF 8 - Hanging Clamp for Steel Rope

Bow with a M8 socket head screw for the fastening of different objects to be anchored on steel wire ropes. Two M8 pins allow the locking on the \varnothing 6 - 10 rope. The clip, to be pre-installed on the rope, protects it.

Material:
AISI 304 Stainless Steel.



MCF 8 - Trage-Stahlseilklemme

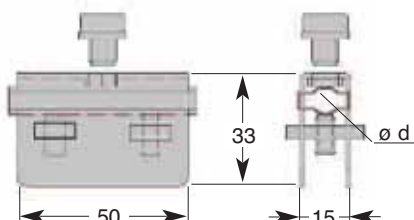
Besteht aus einem Stahlbügel mit M8 Inbusschraube, erlaubt die Montage von Installationszubehör an Stahlseilen.
Zwei M8 Querbolzen ermöglichen die Befestigung an einem \varnothing 6 - 10 Stahlseil. Der am Seil zu befestigende Seilschutz verhindert Schaden am Seil selbst.

Material:
Stahl AISI 304 (V2A).

MCF 8 - Fixation pour câble en acier

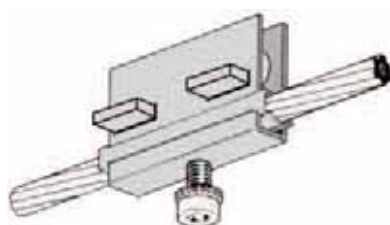
Ensemble avec un vis à six pans creux M8 pour la fixations de différentes accessoires sur une câble porteur en acier. Deux traverse permettent la fixations sur câble porteur \varnothing 6 - 10. La clip, branché en avance, protège le câble.

Matériel:
Acier inox AISI 304.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Combinabili con Combinable with Kombinierbar mit Combinable avec | \varnothing d | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-----------------|----|-----|-------|----------------------------------|
| | 61 1523 1008 | MCF 8 | GO, RF Q, APM, STM, RAC | 6-8 | 20 | 100 | 74 | |

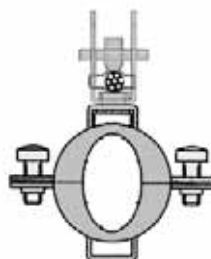
MCF 8 su fune portante d'acciaio
MCF 8 on steel-wire-rope



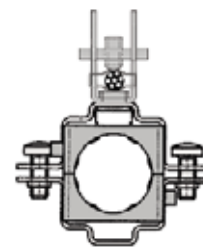
MCF 8 an Trage-Stahlseil
MCF 8 sur câble porteur

Combinazioni
Combinations

Kombinationen
Combinaisons



MCF 8 + GO + GRE



MCF 8 + RF Q

ANG 8 - Angolare

Munito di filetto M8 e foro \varnothing 9 per fissaggi a supporti FIMO vari.

Materiale:

Acciaio inossidabile AISI 304.



ANG 8 - Angular

With M8 threaded hole and \varnothing 9 hole for installations on different FIMO components.

Material:

AISI 304 Stainless steel.

ANG 8 - Winkelteil

Mit M8 Gewindeloch und \varnothing 9 Bohrung für Befestigung an verschiedenen FIMO Teilen.

Material:





Stahl AISI 304 (V2A).

ANG 8 - Angulaire

Avec trou fileté M8 et trou \varnothing 9 pour fixations sur différentes accessoires FIMO.

Matériel:

Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | 61 1804 0008 | ANG 8 | Angolare con fori M8 e \varnothing 9 Angular with M8 and \varnothing 9 holes Winkelteil mit M8 und \varnothing 9 Bohrung Angulaire avec trous M8 et \varnothing 9 | 20 | | 22 | |

Esempio di installazione
Installation example



Montagebeispiel
Exemple d'installation

SNO 8 - Snodo

Formato da due angolari **ANG 8** accoppiati mediante vite a testa cava e rondella elastica. Ideale per fissaggi orientabili.

Materiale:

Tutte i componenti sono in acciaio inossidabile AISI 304.



SNO 8 - Angle Bracket

Formed by two **ANG 8** angulars connected through a socket head screw and an elastic washer. Ideal for multidirectional installations.

Material:

All components in AISI 304 stainless steel.

SNO 8 - Winkelgelenk

Bestehend aus zwei **ANG 8** Winkelteile, verbunden mit einer Inbusschraube und Rondelle. Ideal für 3 D Montagen.

Material:





Alle Komponenten in AISI 304 Stahl (V2A).

SNO 8 - Joint

Constitué par deux angulaire **ANG 8** connexe par un vis a six pans creux et une rondelle dentellée. Idéal pour fixations orientables.

Matériel:

Tous les composants en acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | 61 1804 1008 | SNO 8 | Snodo angolare con foro M8 e \varnothing 9 Angle bracket with M8 and \varnothing 9 holes Winkelgelenk mit M8 und \varnothing 9 Bohrung Joint angulaire avec trous M8 et \varnothing 9 | 20 | | 51 | |

Esempio di installazione
Installation example



Montagebeispiel
Exemple d'installation

SUS 8 - Kit di montaggio

Dispositivo completo snodabile, orientabile su più assi, per il fissaggio di accessori.
Regolabile in lunghezza.

Materiale:

Acciaio inossidabile AISI 304.

SUS 8 - Mounting kit

Complete flexible device, orientable on many directions, for fastening of accessories.
Adjustable to different lengths.

Material:

AISI 304 Stainless steel.

SUS 8 - Montagekit

Hochflexibles Befestigungsset, in alle Richtungen orientierbar. Für die Montage verschiedener Elemente. In der Länge regulierbar.

Material:

Stahl AISI 304 (V2A).

SUS 8 - Kit de montage

Dispositif réglable, orientable dans tous les directions. Pour la fixations des accessoires.
Longueur ajustable.

Matériel:

Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | Misure Measures Masse Dimensions | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|----|--|-----|----------------------------------|
| | 61 1804 8208 | SUS 8/200 | Dispositivo orientabile <i>Orientable device</i> | M8 x 200 | 20 | | 141 | |
| | 61 1804 8308 | SUS 8/300 | Befestigungsset | M8 x 300 | 20 | | 171 | |
| | 61 1804 8408 | SUS 8/400 | Dispositif orientable | M8 x 400 | 20 | | 181 | |

3



Esempi di combinazioni
Combination examples



Montagebeispiele
Exemples de combinaisons

SUS 8 fissato ad un palo mediante nastro Inox **BIT**, basetta **BAM** con collare **GO** e guarnizione ellittica **GRE**

SUS 8 installed on a pole with stainless steel **BIT**, **BAM** socle **GO** collar and **GRE** elliptical cushion.



SUS 8 mit einem Inox Band **BIT** auf einem Mast befestigt, **BAM** Sockel, **GO** Rundschelle und elliptische Dichtung **GRE**

SUS 8 attacher sur un pylône avec ruban Inox **BIT**, socle **BAM**, collier **GO** et garniture elliptique **GRE**

MPS - Morsetto per scalette

Elemento per agganci ai correnti di scalette per montaggi aggiuntivi laterali. Può essere combinato con mensole, barre filettate, collari e altri accessori. Utile per lo sfruttamento degli spazi su scalette affollate di cavi.

Descrizione:

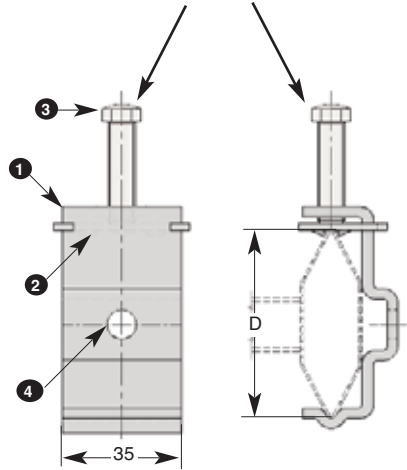
- ① cavallotto di aggancio
- ② piastrino di protezione e stabilizzazione
- ③ vite di bloccaggio M8
- ④ foro Ø 8,5 per viti/filetti M8

Materiale:

Acciaio inossidabile AISI 304.



Vite di spinta autobloccante
Self-locking pressure screw
Selbstsichernde Druckschraube
Vis de fixation auto-arrêtante



MPS - Clamp for Ladders

Hanging element which allows additional side fixings to ladders. It can be used in combination with brackets, threaded bars, collars and other accessories. It is useful when ladders are overcrowded.

Description:

- ① hanging bow
- ② protection and stabilization plate
- ③ M8 locking screw
- ④ Ø 8,5 hole for M8 screws/threads

Material:

AISI 304 Stainless steel.

MPS - Spezialklemme für Kabel-Leiter

Praktisches Befestigungselement zum seitlichem Andbau an bereits überfüllten Kabelleitern. Kombinierbar mit Konsolen, Gewindestangen, Rundschellen usw. für die Verlegung von weiteren Kabeln mittels Schellen usw.

Beschreibung:

- ① Haltebügel
- ② Schutz und Halteplatte
- ③ M8 Befestigungsschraube
- ④ Bohrung Ø 8,5 für M8-Gewindestifte

Material:

Stahl AISI 304 (V2A).

MPS - Attache pour chemins de câbles

Élément de fixation qui permet des attaches additionnelles latérales aux chemins de câbles. Peut être combinée avec des consoles, des barres filetées, des colliers et d'autres accessoires. Utile au cas où les chemins de câbles sont bondés.

Description:

- ① étrier de fixation
- ② plaque de protection et stabilisation
- ③ vis de serrage M8
- ④ trou Ø 8,5 pour vis/filets M8

Matériel:

Acier inox AISI 304.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Combinabili con Combinable with Kombinierbar mit Combinable avec | D | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-------|----|-----|-------|----------------------------------|
| | 61 1812 1000 | MPS | MEM - BFI - GO GOP - APM - STM | 35-55 | 20 | 100 | 100 | |



MPS+MEM



MPS+MEM+sRF 2x7/8"



MPS+UCO 6x7/8"

Kit di messa a terra
Grounding Kits

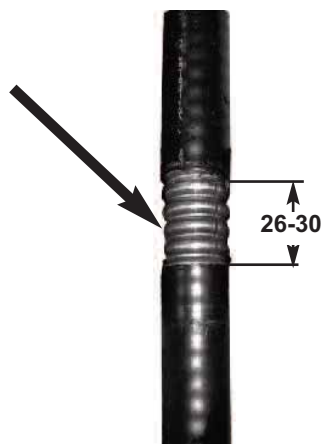


Erdungsgarnituren
Kits de mise à la terre



1

Spellare il cavo
Strip off the cable sheath
Kabel abmanteln
Denudè le cable



2

Inserire il KMT sul cavo
Insert KMT on cable
KMT auf Kabel aufsetzen
Insérer le KMT sur le câble



3

Serrare la vite
Tighten the screw
Schraube anziehen
Serrer la vis



4

Finito! In pochi secondi!
Finished! In a few seconds!
Fertig! In wenigen Sekunden!
Terminé! En peu de secondes!



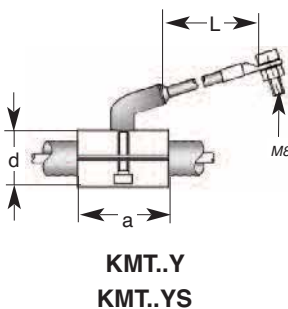
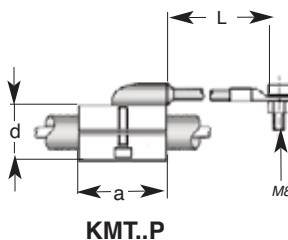
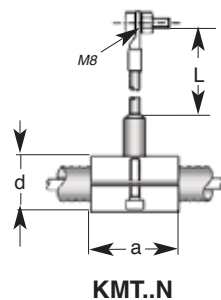
Scheda tecnica

Caratteristiche:

- Certificato CESI secondo MIL STD 1757 (1980)
Prove resistenza alle scariche atmosferiche
- Resistenza di contatto < 1 mOhm
- Stagno all'acqua secondo IP 67 - IEC 60529 (CESI)
- Resistenza agli agenti ambientali (IEC 68-2-14)

Materiale:

- ① Guscio: Acciaio AISI 304
- ② Guarnizione: Gomma EPDM
- ③ Contatto interno: **KMT-N,P,Y:** Rame corrugato
KMT..YS: Rame liscio
- ④ Cavo: Rame isolato con PVC nero, CEI 20-22 (giallo/verde su richiesta)



Datenblatt

Merkmale:

- Geprüft CESI - nach MIL STD 1757 (1980)
Prüfung auf Blitz-und Funk-Einschläge
- Kontaktwiderstand < 1 mOhm
- Wasserdicht nach IP 67 - IEC 60529 (CESI)
- Witterungsbeständigkeit (IEC 68-2-14)

Material:

- ① Gehäuse: V2A Edelstahl
- ② Dichtung: EPDM Kunstgummi
- ③ Innenkontakt: **KMT-N,P,Y:** Kupfer gewellt
KMT..YS: Kupfer Glatt
- ④ Kabel: Verzinnete Kupferleitung, PVC isoliert, schwarz, CEI 20-22 (grün/gelb auf Anfrage)

Data Sheet

Technical features:

- Tested by CESI according to MIL STD 1757 (1980)
Lightning test
- Low contact resistance < 1mOhm
- Waterproof IP 67 - IEC 60529 (CESI)
- Environmental test (IEC 68-2-14)

Material:

- ① Shell: Stainless steel AISI 304 (V2A)
- ② Gasket: EPDM rubber
- ③ Inner contact: **KMT-N,P,Y:** Corrugated copper
KMT..YS: Smooth copper
- ④ Cable: Copper insulated by black PVC jacket - CEI 20-22 (yellow/green on request)

Fiche technique

Caractéristiques:

- Certifié CESI selon MIL STD 1757 (1980)
Test aux décharges atmosphériques
- Résistance de contact < 1 mOhm
- Etanche à l'eau IP 67 - IEC 60529 (CESI)
- Test environnement (IEC 68-2-14)

Matériel:

- ① Coquille: Acier AISI 304 (V2A)
- ② Garniture: Caoutchouc EPDM
- ③ Contact intérieur: **KMT-N,P,Y:** Cuivre plissé
KMT..YS: Cuivre lisse
- ④ Câble: Cuivre isolé PVC noir, CEI (20-22) (jaune/vert sur demande)

| Articolo Article Artikel Article | d | a | x | Vite serraggio Locking screw Verschlusschraube Vis de serrage | L = | Sezione cavo di terra Earthing cable section Erdungskabel Querschnitt Section du câble | Capocorda Lug Kabelschuh Cosse | Vite di terra Earthing screw Erdungsschraube Vis de terre |
|---|----|----|----|--|-------------------|---|---|--|
| KMT 6- N,P,Y | 28 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 7- N,P,Y | 21 | 50 | 26 | M5 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 9- N,P,Y | 28 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 11- N,P,Y | 28 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 3/8"- N,P,Y | 28 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 14- N,P,Y | 28 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 1/2"- N,P,Y | 33 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 7/8"- N,P,Y | 43 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 1.1/4"-N,P,Y | 59 | 70 | 30 | M6 | 600 (special 400) | 25 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 1.5/8- N,P,Y | 68 | 70 | 30 | M6 | 600 (special 400) | 25 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 2.1/4"-N,P,Y | 78 | 70 | 30 | M6 | 600 (special 400) | 25 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 16-YS | 33 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 30-YS | 43 | 50 | 26 | M6 | 600 (special 400) | 16 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 40-YS | 59 | 70 | 30 | M6 | 600 (special 400) | 25 mm ² | Ø8 (special Ø10) | M8 (special M10) |
| KMT 50-YS | 68 | 70 | 30 | M6 | 600 (special 400) | 25 mm ² | Ø8 (special Ø10) | M8 (special M10) |



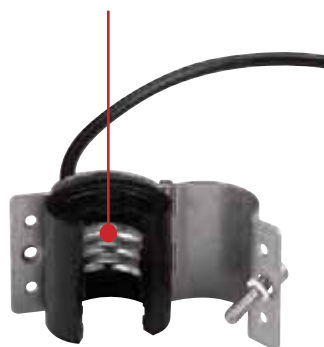
KMT..N - Kit di Messa a Terra

per cavi coassiali corrugati, in rame o alluminio.
Uscita normale (90°)

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Senza parti sciolte
- Testato alle scariche atmosferiche (CESI)
- Bassa resistenza di contatto < 1 mOhm
- Stagno all'acqua IP 67 - IEC 60529 (CESI)
- Resistente alla corrosione
- Resistenza agli agenti ambientali (IEC 68-2-14)
- Nastratura supplementare non necessaria

Rame corrugato
Corrugated copper
Kupfer gewellt
Cuivre plissé



KMT..N - Erdungsgarnitur

für gewellt Alu- oder Kupfer-Koaxkabel.
Normaler Abgang (90°)

Merkmale:

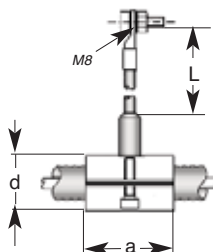
- Kompakte Struktur
- Schnelle Montage
- Sicher gegen Blitz-und Funk-Einschläge (CESI)
- Kontaktwiderstand < 1 mOhm
- Wasserdicht nach IP 67 - IEC 60529 (CESI)
- Korrosionsfest
- Umweltbeständigkeit (IEC 68-2-14)
- Keine zusätzliche Bandagierung erforderlich

KMT..N - Grounding Kit

for Copper or Aluminum corrugated coaxial Cables.
Normal Cable Exit (90°)

Technical features:

- Compact structure
- Fast and easy installation
- No loose parts
- Lightning tested (CESI)
- Low contact resistance < 1mOhm
- Waterproof IP 67 - IEC 60529 (CESI)
- Corrosion resistant
- Environmental test (IEC 68-2-14)
- No extra taping needed



KMT..N - Kit de mise à la terre

pour câbles coaxiaux plissés en cuivre ou aluminium. Sortie normale (90°)

Caractéristiques:

- Structure compacte
- Installation rapide
- Sans partie détachées
- Testé aux décharges atmosphériques (CESI)
- Basse résistance de contact < 1 mOhm
- Etanche à l'eau IP 67 - IEC 60529 (CESI)
- Résistant à la corrosion
- Test environnement (IEC 68-2-14)
- Enrubannage de protection pas nécessaire

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi coassiali For coaxial cables Für Koax-Kabel Pour câbles coaxiaux | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|----|--|-----|----------------------------------|
| KMT..N | 61 1540 0006 | KMT 6-N | RG 223-RG 58 (ø 5-6) | 10 | | 235 | |
| | 61 1540 0007 | KMT 7-N | RG59-ALCATEL ET2PA-981 (ø 7-8) | 10 | | 215 | |
| | 61 1540 0009 | KMT 9-N | 1/4" (ø 8-9) | 10 | | 240 | |
| | 61 1540 0014 | KMT 11-N | RG 213/214-1/4"-3/8" superflex (ø 10-11) | 10 | | 240 | |
| | 61 1540 0038 | KMT 3/8"-N | 3/8" (ø 12-13) | 10 | | 290 | |
| | 61 1540 0016 | KMT 14-N | 1/2" superflex (ø 13-14) | 10 | | 295 | |
| | 61 1540 0012 | KMT 1/2"-N | 1/2" (ø 16-17) | 10 | | 260 | |
| | 61 1540 0078 | KMT 7/8"-N | 7/8"+ 7/8" superflex (ø 26-28) | 10 | | 265 | |
| | 61 1540 0114 | KMT 1.1/4"-N | 1.1/4" (ø 38-40) | 10 | | 485 | |
| | 61 1540 0158 | KMT 1.5/8"-N | 1.5/8" (ø 50-52) | 10 | | 515 | |
| | 61 1540 0214 | KMT 2.1/4"-N | 2.1/4" (ø 59-60) | 10 | | 640 | |

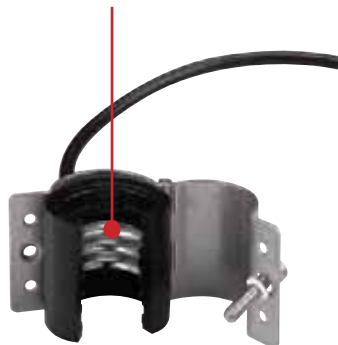
KMT..P - Kit di Messa a Terra

per cavi coassiali corrugati, in rame o alluminio.
Uscita parallela

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Senza parti sciolte
- Testato alle scariche atmosferiche (CESI)
- Bassa resistenza di contatto < 1 mOhm
- Stagno all'acqua IP 67 - IEC 60529 (CESI)
- Resistente alla corrosione
- Resistenza agli agenti ambientali (IEC 68-2-14)
- Nastratura supplementare non necessaria

Rame corrugato
Corrugated Copper
Kupfer gewellt
Cuivre plissé



KMT..P - Erdungsgarnitur

für gewellt Alu- oder Kupfer-Koaxkabel.
Paralleler Abgang

Merkmale:

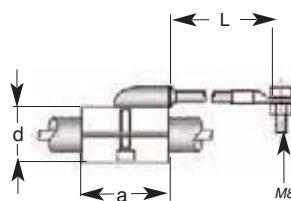
- Kompakte Struktur
- Schnelle Montage
- Sicher gegen Blitz-und Funk-Einschläge (CESI)
- Kontaktwiderstand < 1 mOhm
- Wasserdicht nach IP 67 - IEC 60529 (CESI)
- Korrosionsfest
- Umweltbeständigkeit (IEC 68-2-14)
- Keine zusätzliche Bandagierung erforderlich

KMT..P - Grounding Kit

for Copper or Aluminum corrugated coaxial
Cables. Parallel Cable exit

Technical features:

- Compact structure
- Fast and easy installation
- No loose parts
- Lightning tested (CESI)
- Low contact resistance < 1mOhm
- Waterproof IP 67 - IEC 60529 (CESI)
- Corrosion resistant
- Environmental test (IEC 68-2-14)
- No extra taping needed



KMT..P - Kit de mise à la terre

pour câbles coaxiaux plissés en cuivre ou
aluminium. Sortie parallèle

Caractéristiques:

- Structure compacte
- Installation rapide
- Sans parties détachées
- Testé aux décharges atmosphériques (CESI)
- Basse résistance de contact < 1 mOhm
- Étanche à l'eau IP 67 - IEC 60529 (CESI)
- Résistant à la corrosion
- Test environnement (IEC 68-2-14)
- Enrubannage de protection pas nécessaire

| Figura Figure Abbildung Figure | Code Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi coassiali For coaxial cables Für Koax-Kabel Pour câbles coaxiaux | | | | Prezzo Price Preis Prix |
|---|-------------------------------------|---|--|----|--|-----|----------------------------------|
| | 61 1540 9006 | KMT 6-P | RG 223-RG 58 (ø 5-6) | 10 | | 240 | |
| | 61 1540 9007 | KMT 7-P | RG59-FILOTEX 2PA 981 (ø 7-8) | 10 | | 215 | |
| | 61 1540 9009 | KMT 9-P | 1/4" (ø 8-9) | 10 | | 240 | |
| | 61 1540 9014 | KMT 11-P | RG 213/214-1/4"-3/8" superflex (ø 10-11) | 10 | | 235 | |
| | 61 1540 9038 | KMT 3/8"-P | 3/8" (ø 12-13) | 10 | | 240 | |
| | 61 1540 9016 | KMT 14-P | 1/2" superflex (ø 13-14) | 10 | | 295 | |
| | 61 1540 9012 | KMT 1/2"-P | 1/2" (ø 16-17) | 10 | | 255 | |
| | 61 1540 9078 | KMT 7/8"-P | 7/8"+ 7/8" superflex (ø 26-28) | 10 | | 265 | |
| | 61 1540 9114 | KMT 1.1/4"-P | 1.1/4" (ø 38-40) | 10 | | 500 | |
| | 61 1540 9158 | KMT 1.5/8"-P | 1.5/8" (ø 50-52) | 10 | | 520 | |
| | 61 1540 9214 | KMT 2.1/4"-P | 2.1/4" (ø 59-60) | 10 | | 655 | |

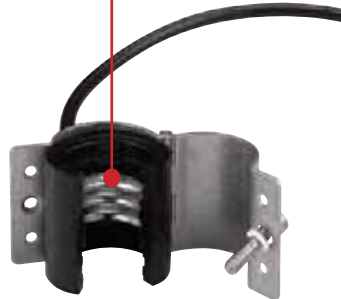
KMT..Y - Kit di Messa a Terra

per cavi coassiali corrugati in rame o alluminio.
Uscita a 45°

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Senza parti sciolte
- Testato alle scariche atmosferiche (CESI)
- Bassa resistenza di contatto < 1 mOhm
- Stagno all'acqua IP 67 - IEC 60529 (CESI)
- Resistente alla corrosione
- Resistenza agli agenti ambientali (IEC 68-2-14)
- Nastratura supplementare non necessaria

Rame corrugato
Corrugated Copper
Kupfer gewellt
Cuivre plissé

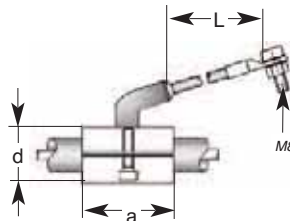


KMT..Y - Grounding Kit

for Copper or Aluminum corrugated coaxial Cables. 45° Cable Exit

Technical features:

- Compact structure
- Fast and easy installation
- No loose parts
- Lightning tested (CESI)
- Low contact resistance < 1mOhm
- Waterproof IP 67 - IEC 60529 (CESI)
- Corrosion resistant
- Environmental test (IEC 68-2-14)
- No extra taping needed



KMT..Y - Erdungsgarnitur

für gewellt Alu- oder Kupfer-Koaxkabel.
45° Abgang

Merkmale:

- Kompakte Struktur
- Schnelle Montage
- Sicher gegen Blitz-und Funk-Einschläge (CESI)
- Kontaktwiderstand < 1 mOhm
- Wasserdicht nach IP 67 - IEC 60529 (CESI)
- Korrosionsfest
- Umweltbeständigkeit (IEC 68-2-14)
- Keine zusätzliche Bandagierung erforderlich

KMT..Y - Kit de mise à la terre

pour câbles coaxiaux plissés en cuivre ou aluminium. Sortie 45°

Caractéristiques:

- Structure compacte
- Installation rapide
- Sans partie détachées
- Testé aux décharges atmosphériques (CESI)
- Basse résistance de contact < 1 mOhm
- Etanche à l'eau IP 67 - IEC 60529 (CESI)
- Résistant à la corrosion
- Test environnement (IEC 68-2-14)
- Enrubannage de protection pas nécessaire

| Figura Figure Abbildung Figure | Code Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi coassiali For coaxial cables Für Koax-Kabel Pour câbles coaxiaux | | | | Prezzo Price Preis Prix |
|---|-------------------------------------|---|--|----|-----|-----|----------------------------------|
| KMT..Y | 61 1544 4506 | KMT 6-Y | RG 223-RG 58 (ø 5-6) | 10 | | 268 | |
| | 61 1544 4507 | KMT 7-Y | RG59-FILOTEX 2PA 981 (ø 7-8) | 10 | | 268 | |
| | 61 1544 4509 | KMT 9-Y | 1/4" (ø 8-9) | 10 | | 268 | |
| | 61 1544 4514 | KMT 11-Y | RG 213/214-1/4"-3/8" superflex (ø 10-11) | 10 | | 268 | |
| | 61 1544 4538 | KMT 3/8"-Y | 3/8" (ø 12-13) | 10 | | 251 | |
| | 61 1544 4516 | KMT 14-Y | 1/2" superflex (ø 13-14) | 10 | | 268 | |
| | 61 1544 4512 | KMT 1/2"-Y | 1/2" (ø 16-17) | 10 | | 264 | |
| | 61 1544 4578 | KMT 7/8"-Y | 7/8"+ 7/8" superflex (ø 26-28) | 10 | | 275 | |
| | 61 1544 4114 | KMT 1.1/4"-Y | 1.1/4" (ø 38-40) | 10 | | 545 | |
| | 61 1544 4158 | KMT 1.5/8"-Y | 1.5/8" (ø 50-52) | 10 | | 590 | |
| 61 1544 4214 | KMT 2.1/4"-Y | 2.1/4" (ø 59-60) | 10 | | 600 | | |

KMT..YS - Kit di Messa a Terra

per cavi coassiali lisci in rame o alluminio.
Uscita a 45°

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Senza parti sciolte
- Testato alle scariche atmosferiche (CESI)
- Bassa resistenza di contatto < 1 mOhm
- Stagno all'acqua IP 67 - IEC 60529 (CESI)
- Resistente alla corrosione
- Resistenza agli agenti ambientali (IEC 68-2-14)
- Nastratura supplementare non necessaria



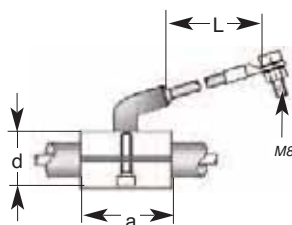
KMT..YS - Grounding Kit

for Copper or Aluminium plane coaxial
Cables. 45° Cable Exit

Technical features:

- Compact structure
- Fast and easy installation
- No loose parts
- Lightning tested (CESI)
- Low contact resistance < 1mOhm
- Waterproof IP 67 - IEC 60529 (CESI)
- Corrosion resistant
- Environmental test (IEC 68-2-14)
- No extra taping needed

Rame liscio
Plane Copper
Kupfer glatt
Cuivre lisse



KMT..YS - Erdungsgarnitur

für glatt Alu- oder Kupfer-Koaxkabel.
45° Abgang

Merkmale:

- Kompakte Struktur
- Schnelle Montage
- Sicher gegen Blitz-und Funk-Einschläge (CESI)
- Kontaktwiderstand < 1 mOhm
- Wasserdicht nach IP 67 - IEC 60529 (CESI)
- Korrosionsfest
- Umweltbeständigkeit (IEC 68-2-14)
- Keine zusätzliche Bandagierung erforderlich

KMT..YS - Kit de mise à la terre

pour câbles coaxiaux lisse en cuivre ou
aluminium. Sortie 45°

Caractéristiques:

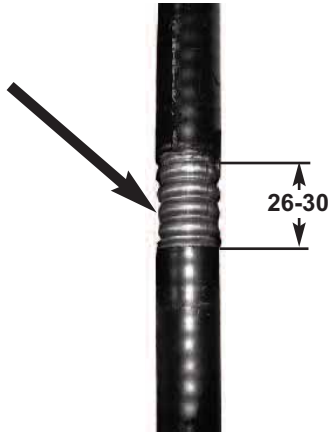
- Structure compacte
- Installation rapide
- Sans partie détachées
- Testé aux décharges atmosphériques (CESI)
- Basse résistance de contact < 1 mOhm
- Etanche à l'eau IP 67 - IEC 60529 (CESI)
- Résistant à la corrosion
- Test environnement (IEC 68-2-14)
- Enrubannage de protection pas nécessaire

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi coassiali For coaxial cables Für Koax-Kabel Pour câbles coaxiaux | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|----|--|-------|----------------------------------|
| KMT..YS | 61 1541 4511 | KMT 11-YS | SFX 5001 (ø 11-12) | 10 | | 280 | |
| | 61 1541 4516 | KMT 16-YS | 1/2" FXL / CR 540 (ø 15-16) | 10 | | 260 | |
| | 61 1541 4530 | KMT 30-YS | 7/8" FXL / CR 1070 (ø 29-30) | 10 | | 285 | |
| | 61 1541 4540 | KMT 40-YS | 1.1/4" FXL / CR 1480 (ø 38-40) | 10 | | 540 | |
| | 61 1541 4550 | KMT 50-YS | 1.5/8" FXL / CR 1873 (ø 50-52) | 10 | | 525 | |



1

Spellare il cavo
Strip off the cable sheath
Kabel abmanteln
Denudè le cable



2

Applicare il contatto
Apply the contact
Kontakt aufsetzen
Appliquer le contact



3

Avvolgere la calza di rame
Wrap the copper mesh
Kontaktlitze aufwickeln
Enrouler la maille en cuivre



4

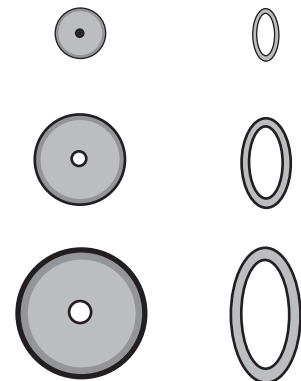
Ricoprire con il nastro NAS
Wrap by the special NAS tape
Mit NAS Dichtungsband wickeln
Enrouler par le ruban NAS



Finito! Senza utensili!
Finished! No tools!
Fertig! Ohne Werkzeuge!
Terminé! Sans outils!



Impiego universale
Universal use
Universal einsetzbar
Emploi universel



UEK - Kit di messa a terra

per impiego universale, per schermature corrugate o lisce.

Componenti:

- 1 Barra di contatto di rame stagnato.
- 2 Maglia di contatto di rame stagnato.
- 3 Vite di serraggio M8 per capocorda 6.
- 4 Nastro autovulcanizzante NAS, nero UV resistente, per protezione e sigillatura.
- 5 Cavo di rame, isolato P.E. lunghezza 50 cm, antifiamma CEI 20-22. Colore: nero (giallo / verde a richiesta).
- 6 Capicorda di rame stagnato.



UEK - Erdungsgarnitur

Universell verwandbar, für gewellte oder glatte Schirmungen.

Bestandteile:

- 1 Verzinnte Kupfer-Kontaktplatte.
- 2 Verzinnte Kupferlitze.
- 3 Anschlußschraube M8 für Kabelschuh 6.
- 4 Selbstverschweißendes, UV-beständiges, schwarzes Dichtungsband NAS, für Schutz und Abdichtung.
- 5 P.E.-isolierte Kupferleitung, Länge 50 cm, flammwidrig CEI 20-22. Farbe: schwarz (gelb / grün auf Anfrage).
- 6 Verzinnte Kupfer Kabelschuhe.

UEK - Kit de mise à la terre

pour emploi universel, pour masquages plissées ou lisses.

Composants:

- 1 Barre de contact en cuivre étamé.
- 2 Maille de contact en cuivre étamé.
- 3 Vis de serrage M8 pour cosses 6.
- 4 Ruban auto-agglomérant NAS noir, UV résistant, pour protection et scellage.
- 5 Câble en cuivre, isolation en P.E. longueur 50 cm, résistant au feu CEI 20-22. Couleur: noir (vert / jaune sur demande).
- 6 Cosses en cuivre étamé.

UEK - Earthing Kit

for universal use, for corrugated or plane Shieldings.

Parts:

- 1 Contact bar of tin-plated copper.
- 2 Tin-plated copper mesh.
- 3 Screw M8 for tinned copper lugs 6.
- 4 NAS self-agglomerating UV proof black colour tape, for protection and sealing.
- 5 P.E. insulated copper cable, length 50 cm, fire resistant CEI 20-22. Colour: black (green / yellow on request).
- 6 Tinned copper lugs.

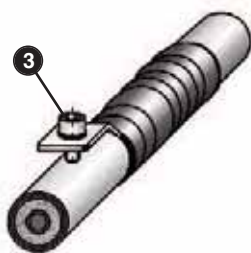


UEK - Kit di messa a terra universale

Per cavi coassiali e guide d'onda ellittiche.
Solo cinque misure per tutta la gamma di cavi.
Semplice, sicuro, veloce.
Temperatura di esercizio: -50°/+80°C
Resistenza di contatto <1 mOhm.
Completo di cavo di connessione.
Testato alle scariche atmosferiche in accordo con le norme IEC 61312-1 grado III (CESI)
Stagno all'acqua secondo la norma IEC 60529

Materiale:

Barra di contatto: rame stagnato.
Contatto interno: maglia di rame stagnato.
Protezione: nastro autovulcanizzante NAS resistente agli UV, nero.
Cavo di connessione: rame isolato in P.E., conforme CEI 20-22.
Colore: nero



UEK - Universal Earthing Kit

For coaxial cables and elliptic wave guides.
Only five items for the whole cable range.
Easy to handle, safe, quick to mount.
Temperature range: -50°/+80°C.
Contact resistance <1 mOhm.
Complete with connecting cable.
Lightning test according to IEC 61312-1 grade III (CESI)
Waterproof to IEC 60529

Material:

Contact bar: tin-plated copper.
Internal contact: tin-plated copper mesh.
Protection: NAS black self-agglomerating tape, UV proof.
Connecting cable: P.E. insulated copper, according to CEI 20-22.
Colour: black

UEK - Universelle Erdungsgarnitur

Für Koaxkabel und elliptische Wellenleiter.
Nur fünf Abmessungen für alle Kabelgrößen.
Einfach, sicher, schnell.
Temperaturbereich: -50°/+80°C.
Kontaktwiderstand <1 mOhm.
Komplett mit Anschlusskabel.
Unter atmosphärischer Entladung geprüft laut Normen IEC 61312-1 Stufe III (CESI)
Wasserdicht nach IEC 60529

Material:




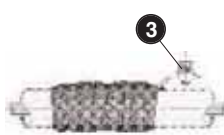

Kontaktplatte: Kupfer verzinkt.
Innen-Kontakt: Kupferlitze verzinkt.
Schutzwicklung: NAS Selbstverschweißende, UV-beständige Wickelbinde, schwarz.
Anschluss-Kabel: Kupferleitung, P.E. isoliert nach CEI 20-22.
Farbe: schwarz

UEK - Kit de mise à la terre universel

Pour câbles coaxiaux et guides d'onde elliptiques.
Que cinq grandeurs pour toute la gamme de câbles.
Simple, sûr, rapide.
Température d'exercice: -50°/+80°C.
Résistance de contact <1 mOhm.
Complet de câble de connexion.
Test aux décharges atmosphériques selon IEC 61312-1 grade III (CESI)
Étanche à l'eau selon IEC 60529

Matériel:

Barre de contact: cuivre étamé.
Contact interne: maille en cuivre étamé.
Protection: ruban auto-agglomérant NAS, résistant aux UV, noir.
Câble de connexion: cuivre, isolation en P.E., CEI 20-22.
Couleur: noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cavi ø Cable ø Kabel ø Câble ø | Cavi coassiali Coax cables Koax Kabel Câble coax. | Guide Ellittiche Ellipt. Guides Ellipt. Wellenl. Guides Ellipt. | Vite connessione Connecting screw Anschlusschraube Vis de connexion |  |  |  | Prezzo Price Preis Prix |
|--|---------------------------------------|---|---|---|--|--|---|---|---|----------------------------------|
|  | 61 1502 0001 | UEK 1 | 5 - 11 | RG 223 - RG58-RG59 RG 8 - RG213/214 1/4" - 3/8" | 220-380 | M8 | 1 | 10 | 145 | |
| | 61 1502 0002 | UEK 2 | 12 - 30 | 1/2"S - 3/8" - 1/2" - 5/8" 7/8"S - 7/8" | 105-127-130 150-190 | M8 | 1 | 10 | 180 | |
| | 61 1502 0003 | UEK 3 | 31 - 60 | 1.1/4" - 1.5/8" - 2.1/4" | 38-46-48-54 60-70-77-78-90 | M8 | 1 | 10 | 210 | |
|  | 61 1502 0004 | UEK 4 | 40- 115 | 1.1/4" - 1.5/8" 2.1/4" - 3" 3.1/8" - 4.1/8" | 38-46-48-54 | M8 | 1 | 10 | 275 | |
| | 61 1502 0005 | UEK 5 | 40-223 | 1.1/4" - 1.5/8" 2.1/4" - 3" 3.1/8" - 4.1/8" - 5" 6.1/8" - 8" | 11-15-19-22 38-46-48-54 | M8 | 1 | 10 | 350 | |

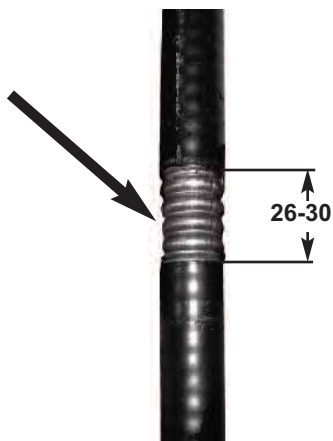
Immagazzinaggio : Il kit UEK non richiede particolare cura, al di là della conservazione nel proprio involucre di fornitura, protetto da acqua, unto e polveri. Le temperature ambientali anche più estreme non hanno influenza negativa sulla conservazione del prodotto e il successivo impiego.

Storage : UEK kit does not require a particular care in storing, apart from keeping it in its original packing, which protects it from water, grease and dust. Even extreme temperature conditions do not negatively affect the product.

Lagerung : UEK-Erdungsgarnituren können normal gelagert werden. Die Teile sollten jedoch im Lieferbeutel aufbewahrt werden. Bei Einlagerung in Räumen mit großen Temperaturunterschieden, entsteht klein schädlicher Einfluss auf die spätere Verwendbarkeit.

Emmagasinage : Le kit UEK n'exige aucune particulière attention sinon la normale conservation dans son sachet original, qui le protégé de l'eau, de la graisse et de la poussière. Même les températures ambiantes les plus extrêmes n'ont pas d'influence négative sur la conservation e l'utilisation.

- 1** Spellare il cavo
Strip off the cable sheath
Kabel abmanteln
Denudè le cable



- 2** Applicare il contatto
Apply the contact
Kontakt aufsetzen
Appliquer le contact



- 3** Avvolgere la calza di rame
Wrap the copper mesh
Kontaktlitze aufwickeln
Enrouler la maille en cuivre

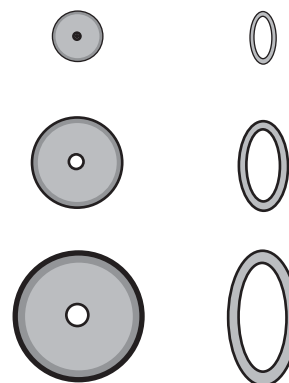


- 4** Ricoprire con il nastro NAS
Wrap by the NAS tape
Mit NAS Dichtungsband wickeln
Enrouler par le ruban NAS



Finito! Senza utensili!
Finished! No tools!
Fertig! Ohne Werkzeuge!
Terminé! Sans outils!

Impiego universale
Universal use
Universal einsetzbar
Emploi universel



UEK..M - Kit di messa a terra monoblocco

Impiego universale su cavi con schermatura corrugata o liscia.

Componenti:

- 1 Barra di contatto di rame stagnato.
- 2 Maglia di contatto di rame stagnato.
- 3 Nastro autovulcanizzante NAS, nero UV resistente, per protezione e sigillatura.
- 4 Cavo di rame, isolato P.E.
Lunghezza 50 cm (altre lunghezze a richiesta)
Antifiamma CEI 20-22.
Colore: nero (giallo / verde a richiesta).
- 5 Capicorda di rame stagnato.
- 6 Rivetti AISI 304



UEK..M - Monoblock Erdungsgarnitur

Universell verwandbar für Kabel mit gewellter oder glatter Schirmung.

Bestandteile:

- 1 Verzinnete Kupfer-Kontaktplatte.
- 2 Verzinnete Kupferlitze.
- 3 Selbstverschweißendes, UV-beständiges, schwarzes Dichtungsband NAS, für Schutz und Abdichtung.
- 4 P.E.- isolierte Kupferleitung, Länge 50 cm (andere Längen nach Wunsch) Flammwidrig CEI 20-22. Farbe: schwarz (gelb / grün auf Anfrage).
- 5 Verzinnter Kupfer Kabelschuh.
- 6 Nieten AISI 304

UEK..M - Monobloc Earthing Kit

Universal use, for corrugated or plane Shieldings.

Parts:

- 1 Contact bar of tin-plated copper.
- 2 Tin-plated copper mesh.
- 3 Self-agglomerating UV proof black colour NAS tape, for protection and sealing.
- 4 P.E. insulated copper cable, Length 50 cm (other length on request) Fire resistant CEI 20-22. Colour: black (green / yellow on request).
- 5 Tinned copper lug.
- 6 AISI 304 Rivets

UEK..M - Mise à la terre monobloc

Emploi universel, pour masquages plissés ou lisses.

Composants:

- 1 Barre de contact en cuivre étamé.
- 2 Maille de contact en cuivre étamé.
- 3 Ruban auto-agglomérant NAS noir, UV résistant, pour protection et scellage
- 4 Câble en cuivre, isolation en P.E. Longueur 50 cm (autres longueurs sur demande) Résistant au feu CEI 20-22. Couleur: noir (vert / jaune sur demande).
- 5 Cosse en cuivre étamé.
- 6 Rivets AISI 304

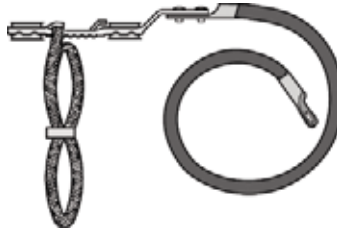


UEK..M - Kit di messa a terra monoblocco

Per cavi coassiali e guide d'onda ellittiche e rettangolari. Montaggio semplice, sicuro e veloce.
Cavo di terra prefissato sul contatto mediante rivetti.
Temperatura di esercizio. -50°/+80°C.
Resistenza di contatto <1 mOhm.
Testato alle scariche atmosferiche in accordo con le norme IEC 61312-1 grado III (CESI)
Stagno all'acqua secondo la norma IEC 60529

Materiale:

Barra di contatto: rame stagnato.
Rivetti: AISI 304
Contatto interno: maglia di rame stagnato.
Protezione: nastro autovulcanizzante NAS resistente agli UV, nero.
Cavo di connessione: rame isolato in P.E., conforme CEI 20-22.
Colore: nero



UEK..M - Monoblock Erdungsgarnitur

Für Koaxkabel und elliptische oder rechteckige Wellenleiter. Einfache, sichere, schnelle Montage.
Erdungskabel mit Nieten vorbefestigt.
Temperaturbereich: -50°/+80°C.
Kontaktwiderstand <1 mOhm.
Unter atmosphärischer Entladung geprüft laut IEC 61312-1 Stufe III (CESI) Normen
Wasserdicht nach IEC 60529

Material:

Kontaktplatte: Kupfer verzinkt.
Nieten: AISI 304
Innen-Kontakt: Kupferlitze verzinkt.
Schutzwicklung: Selbstverschweißende, schwarze UV-beständige NAS Wickelbinde.
Anschluss-Kabel: Kupfer, P.E. isoliert nach CEI 20-22.
Farbe: schwarz

UEK..M - Monobloc Earthing Kit

For coaxial cables and elliptic or rectangular wave guides. Easy to handle, safe and quick to mount.
Earthing cable fixed directly by rivets.
Temperature range: -50°/+80°C.
Contact resistance <1 mOhm.
Lightning test according to IEC 61312-1 grade III (CESI)
Waterproof to IEC 60529

Material:

Contact bar: tin-plated copper.
AISI 304 Rivets
Internal contact: tin-plated copper mesh.
Protection: NAS black self-agglomerating tape, UV proof.
Connecting cable: P.E. insulated copper, according to CEI 20-22.
Colour: black

UEK..M - Kit de mise à la terre monobloc

Pour câbles coaxiaux et guides d'onde élliptiques. Montage simple, sûr et rapide.
Câble de terre préfixé sur le contact avec rivets
Température d'exercice: -50°/+80°C.
Résistance de contact <1 mOhm.
Test aux décharges atmosphériques selon IEC 61312-1 grade III (CESI)
Étanche à l'eau selon IEC 60529

Matériel:

Barre de contact: cuivre étamé.
Rivets: AISI 304
Contact interne: maille en cuivre étamé.
Protection: ruban auto-agglomérant NAS, résistant aux UV, noir.
Câble de connexion: cuivre, isolation en P.E., CEI 20-22.
Couleur: noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cavi Ø Cable Ø Kabel Ø Câble Ø | Cavi coassiali Coax cables Koax Kabel Câble coax. | Guide ellittiche Ellipt. Guides Ellipt. Wellenl. Guides Ellipt | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|--|---|---|----|-----|----------------------------------|
| | 61 1505 0001 | UEK 1 M | 5-11 | RG 223 - RG 58 - RG59 RG 8 - RG 213-214 1/4" - 3/8" | 220 - 250 - 380 | 1 | 10 | 180 | |
| | 61 1505 0002 | UEK 2 M | 12-30 | 1/2" S - 3/8" - 1/2" - 5/8" 7/8" S - 7/8" | 105 - 127 - 130 150 - 190 | 1 | 10 | 220 | |
| | 61 1505 0003 | UEK 3 M | 31-60 | 1.1/4" - 1.5/8" - 2.1/4" | 52 - 54 - 60 - 63 - 64 65 - 70 - 77 - 78 - 90 | 1 | 10 | 245 | |

Immagazzinaggio : Il kit UEK.. M non richiede particolare cura, al di là della conservazione nel proprio involucri di fornitura, protetto da acqua, unto e polveri. Le temperature ambientali anche più estreme non hanno influenza negativa sulla conservazione del prodotto e il successivo impiego.

Storage : UEK.. M kit does not require a particular care in storing, apart from keeping it in its original packing, which protects it from water, grease and dust. Even extreme temperature conditions do not negatively affect the product.

Lagerung : UEK.. M-Erdungsgarnituren können normal gelagert werden. Die Teile sollten jedoch im Lieferbeutel aufbewahrt werden. Bei Einlagerung in Räumen mit großen Temperaturunterschieden, entsteht klein schädlicher Einfluss auf die spätere Verwendbarkeit.

Emmagasinage : Le kit UEK.. M n'exige aucune particulière attention sinon la normale conservation dans son sachet original, qui le protégé de l'eau, de la graisse et de la poussière. Même les températures ambiantes les plus extrêmes n'ont pas d'influence négative sur la conservation e l'utilisation.



FMT 15/80 - Messa a terra per connettori

Completo di cavo di connessione 16 mm².
Testato alle scariche atmosferiche in accordo norme IEC 61312-1 grado III (CESI)

Materiali:

Contatto: Rame stagnato
Viti M8 AISI 304
Cavo di connessione: rame isolato in P.E., conforme CEI 20-22.
Colore: nero



FMT 15/80 - Erdungsgarnitur für Steckverbindungen

Komplett mit Anschlusskabel 16 mm².
Unter atmosphärischer entladung geprüft laut normen IEC61312-1 grad III (CESI)

Material:

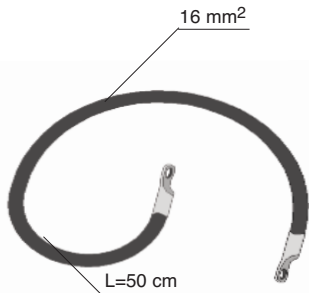
Kontaktteile: Kupfer verzinkt
Schrauben M8 V2A
Anschluss-Kabel: Kupferleitung P.E. isoliert nach CEI 20-22.
Farbe: schwarz

FMT 15/80 - Earthing Kit for Connectors

Complete with 16 mm² connecting cable.
Lightning test according to IEC 61312-1 grade III (CESI)

Materials:

Contact: Tin plated copper
AISI 304 M8 screws
Connecting cable: P.E. insulated copper according to CEI 20-22.
color: black

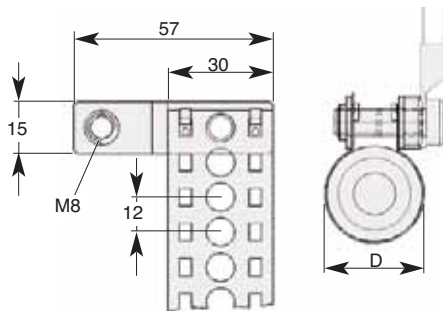


FMT 15/80 - Mise à la terre pour connecteurs

Complète de câble de connexion 16 mm². Test aux décharges atmosphériques selon IEC61312-1 grade III (CESI)

Matériels:

Contact: Cuivre étamé
Vis M8 AISI 304
Câble de connexion: cuivre isolation en P.E., CEI 20-22.
Couleur: noir



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | Per connettori For connectors Für Steckverbindungen Pour connecteurs | ØD | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|-------|----|-----|-----|----------------------------------|
| | 61 1503 1580 | FMT 15/80 | Nastro rame forato 30x0,5, stagnato, lunghezza regolabile <i>Punched tinned copper strip 30x0,5, adjustable length</i> Gelochtes verzinktes Kupferband 30x0,5, Länge regelbar <i>Ruban en cuivre 30x0,5 avec trous, étamé, longueur réglable</i> | 1/4" - 2.1/4" | 15-80 | 10 | 100 | 170 | |



Montaggio su un connettore
Montage auf eine Steckverbindung
Mounting on a connector
Montage sur un connecteur

FMC - Messa a terra per connettori

Per profilati **PCI 40x22** o simili.
Solo quattro misure per tutti i connettori.
Montaggio veloce, semplice e sicuro.
Grande superficie di contatto grazie alle quattro (2+2) alette di rame stagnato, pressate al corpo del connettore tramite due fascette.

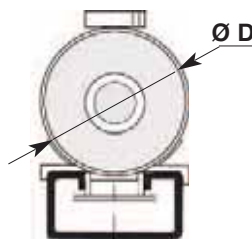


FMC - Erdungsklemme für Stecker

Für **PCI Profil 40x22** oder ähnliches.
Nur Vier Grössen für alle Stecker.
Schnelle, leichte und sichere Montage.
Große Kontaktfläche durch 2+2 Kupferlaschen, die durch V2A-Schlauchklemmen an den Steckerkörper angepresst werden.

FMC - Connector Grounding Clamp

For **PCI 40x22** profiles or similar.
Four sizes only to cover any connector.
Quick, simple and safe mounting.
Large contact surface thanks to the four (2+2) tinned copper wings pressed onto the connector body.



FMC - Mise à la terre pour connecteurs

Pour **PCI 40x22** ou similaires.
Quatre mesures pour toutes les dimensions.
Montage rapide, simple et sûr.
Grande surface de contact grâce aux quatre (2+2) ailettes en cuivre étamé compressées sur le corps du connecteur.

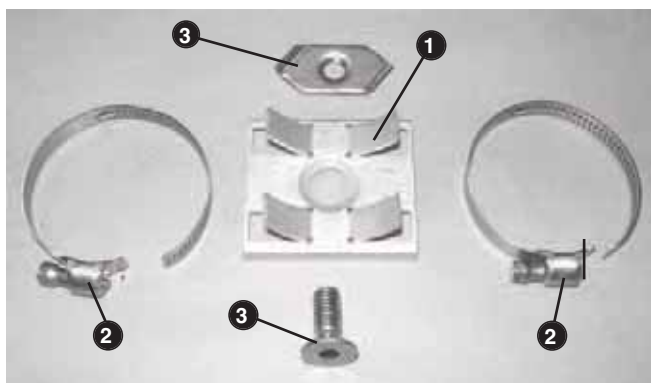
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per connettori For connectors Für Steckverbindungen Pour connecteurs | ØD | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-------|----|-----|----|----------------------------------|
| | 61 1503 1591 | FMC 1 | 1/4" - 3/8" - 1/2" | 19-29 | 10 | 100 | 80 | |
| | 61 1503 1592 | FMC 2 | 7/8" - 1.1/4" | 25-45 | 10 | 100 | 82 | |
| | 61 1503 1593 | FMC 3 | 1.1/4" - 1.5/8" | 48-68 | 10 | 100 | 90 | |
| | 61 1503 1594 | FMC 4 | 1.5/8" - 2.1/4" | 63-83 | 10 | 100 | 95 | |

Componenti:

- 1 Piastra di rame stagnato con quattro (2+2) alette di contatto flessibili
- 2 Fascette di serraggio in acciaio INOX AISI 304
- 3 Vite centrale di fissaggio M8, completa di piastrino scorrevole per aggancio su profilati **PCI 40x22**

Components:

- 1 Tinned copperplate housing four (2+2) flexible contact wings
- 2 AISI 304 stainless steel hose clamps
- 3 Central M8 fixing screw, complete with sliding nut for **PCI 40x22** profiles



Bestandteile:

- 1 Grundplatte aus verzinnem Kupfer mit 2+2 flexiblen Kontaktlaschen
- 2 Befestigungsschelle aus V2A
- 3 Mittige M8-Befestigungsschraube komplett mit Gleitmutter für **PCI-Profil 40x22**

Composants:

- 1 Plaque en cuivre étamé avec quatre (2+2) ailettes de contact flexibles
- 2 Collier de fermeture en acier inox AISI 304
- 3 Vis central de fixation M8 complète de plaque coulante pour fixation sur profilé **PCI 40x22**



IST 8 - Bullone di messa a terra

Inserto scorrevole per profilati **PCI 40x22**, completo di vite M8, dadi e rondelle.

Materiale:

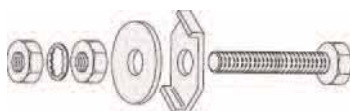
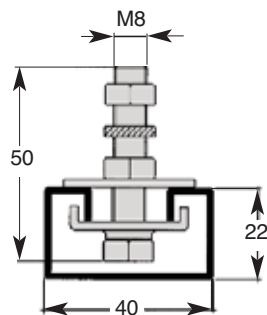
Acciaio inossidabile AISI 304

IST 8 - Grounding Bolt

Sliding nut for **PCI 40x22** sections. M8 screw complete with nuts and washers.

Material:

AISI 304 Stainless steel



IST 8 - Erdungsbolzen M8

M8 Gleitmutter für **PCI-Profil 40x22**, Schraube komplett mit Muttern und Rondellen.

Material:

V2A Edelstahl (AISI 304)

IST 8 - Boulon M8 de mise à la terre

Insert pour profilé **PCI 40x22**, complet de vis M8, d'écrous et de rondelles.

Matériel:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiegabili con Suitable to Passend zu Interface | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1543 0008 | IST 8 | PCI.. | 20 | 100 | 40 | |

BTC - Piastra di messa a terra

Piastra con vite M8 per la connessione a terra su profil **PCI 40x22**

Materiale:

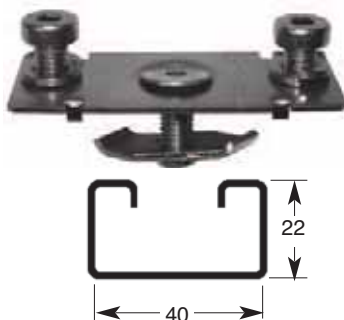
Acciaio inossidabile AISI 304

BTC - Grounding Plate

BTC grounding socle with M8 screw for connections to sections **PCI 40x22**.

Material:

AISI 304 Stainless steel



BTC - Erdungs-Platte

Erdungsplatte mit M8 Gewinde zur Erdung an Profile **PCI 40x22**.

Material:

V2A Edelstahl

BTC - Plate de mise à la terre

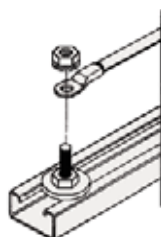
Conçu avec vis M8 pour la mise à la terre sur profilés **PCI 40x22**.

Material:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiegabili con Suitable to Passend zu Interface | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1543 0009 | BTC | PCI 40x22 | 20 | 100 | 55 | |

IST 8 montato su profilato **PCI 40x22**



IST 8 montiert auf Profil **PCI 40x22**

BTC montato su profilato **PCI 40x22**



BTC montiert auf Profil **PCI 40x22**

IST 8 mounted on **PCI 40x22** profile

IST 8 monté sur profilé **PCI 40x22**

BTC mounted on **PCI 40x22** profile

BTC monté sur profilé **PCI 40x22**

SOLUZIONI PER L'INSTALLAZIONE

SOLUTIONS FOR INSTALLATIONS



LÖSUNGEN FÜR INSTALLATIONEN

SOLUTIONS POUR L'INSTALLATION

BEI - Barra equipotenziale AISI 304
BEC - Barre equipotenziali di Rame

applicabile ai passanti a muro **PPS**

Materiale:

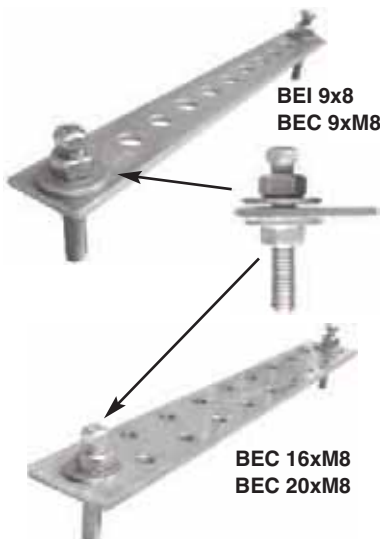
BEI = Acciaio inossidabile AISI 304
BEC = Rame (CU)

BEI - AISI 304 Grounding Bar
BEC - Copper Grounding Bars

suitable for **PPS** wall entries

Material:

BEI = AISI 304 Stainless steel
BEC = Copper (CU)



BEI - V2A Equipotentialschiene
BEC - Kupfer Equipotentialschienen

Passend zu **PPS** Wanddurchführungen

Material:

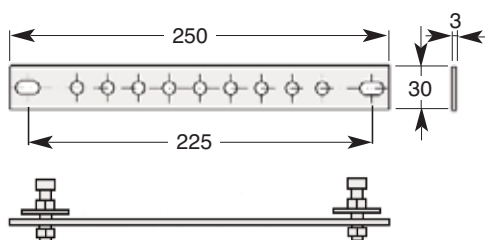
BEI = Stahl AISI 304 (V2A)
BEC = Kupfer (CU)

BEI - Barre de terre Inox AISI 304
BEC - Barres de terre en cuivre

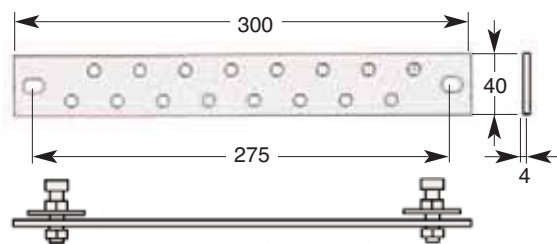
pour traversées de paroi **PPS**

Matériel:

BEI = Inox AISI 304
BEC = Cuivre (CU)



BEI 9x8 - BEC 9xM8

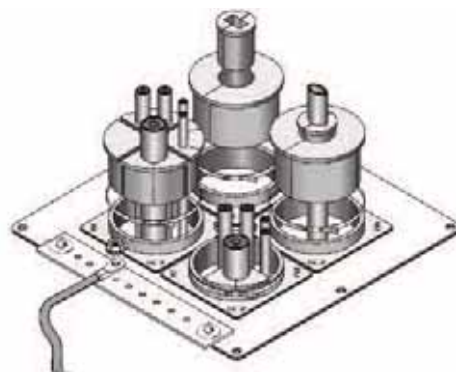


BEC 16xM8 - BEC 20xM8

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo/Descrizione Article/Description Artikel/Beschreibung Article/Description | n° fori n° holes n° Löcher n° trous | Impiegabili con Suitable to Passend to Interface | | | | 9 Prezzo Price Preis Prix |
|---|---------------------------------------|--|--|---|---|----|-----|---------------------------------------|
| AISI 304 | 61 1517 9350 | BEI 9x8 | 9 x Ø 8.5 | PPS | 1 | 10 | 235 | |
| CU | 61 1517 9300 | BEC 9xM8 | 9 x M8 | PPS | 1 | 10 | 270 | |
| CU | 61 1517 9301 | BEC 16xM8 | 16 x M8 | - | 1 | 10 | 470 | |
| CU | 61 1517 9302 | BEC 20xM8 | 20 x M8 | - | 1 | 10 | 435 | |

Barra equipotenziale **BEI** montata su passante a muro **PPS 2x2**

Grounding bar **BEI** mounted on wall-entry **PPS 2x2**.



Equipotentialschiene **BEI** auf Wanddurchführung **PPS 2x2** montiert.






Barre de terre **BEI** montée sur traversée de paroi **PPS 2x2**.

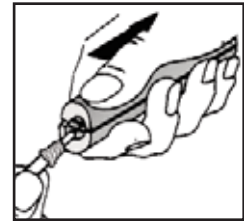
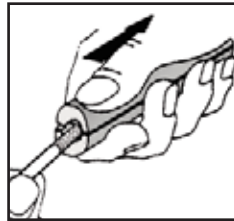
SCJ - Spellacavi per cavi a maglia
Spellatura rapida e sicura della guaina

SCJ - Abmantelungs Werkzeuge für flechtgeschirmte Kabel
Schnelles und sicheres Abmanteln

SCJ - Cable Stripper for mesh shielded Cables
Quick and safe sheath stripping

SCJ - Dénude-câbles coaxiaux avec tresses
Dénudage rapide, précis et sûr de la guaine

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Capacité | Cavi coassiali Coaxial cables Koax-Kabel Cables coaxiaux |  |  |  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|---|---|----------------------------------|
|  | U3 2107 0001 | SCJ 1 | Ø 4.8 - 7.5 | RG | 1 | | 37 | |
|  | U3 2107 0015 | SCJ 15 | Ø 8 - 13 | RG 213 - RG 214 | 1 | | 60 | |







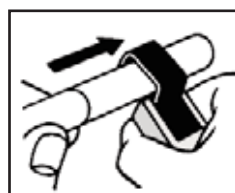
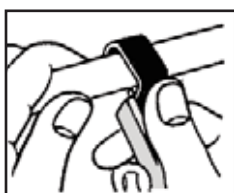
SPJ - Spellacavi universali
Spellatura rapida, sicura e precisa di cavi coassiali.
Operazione unica di taglio circolare e longitudinale

SPJ - Universale Abmantelungs Werkzeuge
Schnelle, saubere und sichere Abmantelung.
Längs- und Rund-Schnitt in einem Arbeitsgang

SPJ - Universal Cable Strippers
Quick, precise and safe sheath stripping of coaxial cables.
Circular and longitudinal cut in the same operation

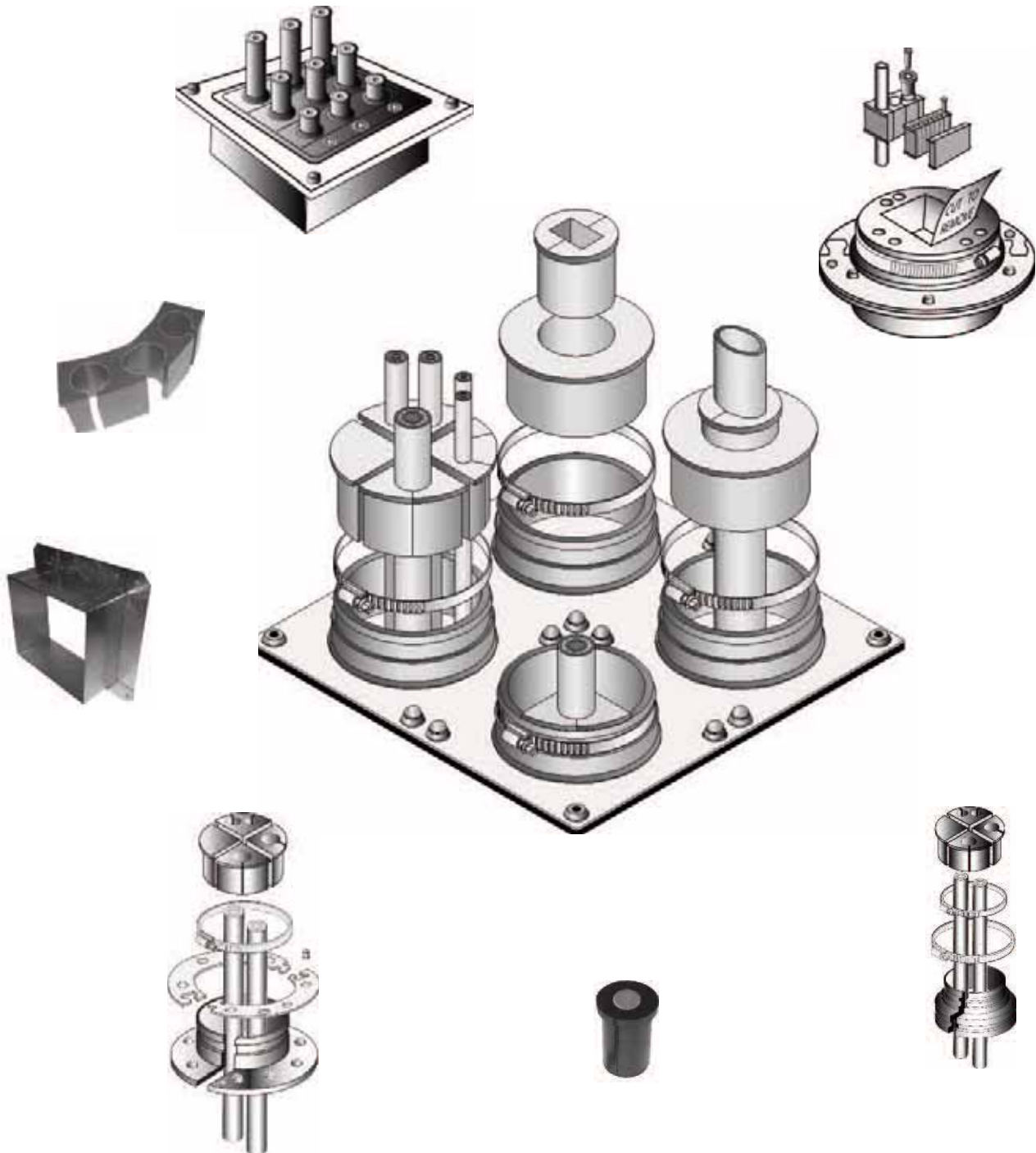
SPJ - Dénude-câbles universelle
Dénudage rapide, précis et sûr des câbles.
Une seule opération pour coupe circulaire et longitudinale

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Capacité | Cavi coassiali Coaxial cables Koax-Kabel Cables coaxiaux |  |  |  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|---|---|----------------------------------|
|  | U3 2101 0016 | SPJ 16 | Ø 4 - 16 | 1/4", 3/8", 1/2" | 1 | | 94 | |
| | U3 2101 0027 | SPJ 27 | Ø 8 - 28 | 1/2", 5/8", 7/8" | 1 | | 92 | |
| | U3 2101 0035 | SPJ 35 | Ø 28 - 35 | 7/8" | 1 | | 125 | |
| | U3 2101 0050 | SPJ 50 | Ø 35 - 50 | 1.1/8", 1.1/4", 1.5/8" | 1 | | 134 | |



Passanti a parete
Wall Entries

Wanddurchführungen
Traversées de paroi



5

PMR... - Passante a parete rettangolare

Stagno IP67
Resistente al fuoco REI 120

Chiusura ermetica di passaggio di cavi.
Apertura rettangolare in muratura e pannelli.
Dimensioni esterne contenute.
Ampia scelta di guarnizioni combinabili.
Procedura d'installazione semplice e rapida.
Chiusura semplificata a mezzo di sole 3 viti.

PMR... - Rechteckige Wanddurchführung

Wasserdicht IP67
Feuerbeständig REI 120

Abdichtung für Kabeleinführungen.
Rechteckige Öffnungen in Wänden und Paneelen.
Große Auswahl von kombinierbaren Dichtungen.
Kompakte Außenmaße
Besonders montagefreundlich.
Schnelle Abdichtung mittels nur 3 Schrauben.

PMR... - Rectangular Wall Entry

IP67 Waterproof
REI 120 Fire Resistant

For a tight sealing of cables.
For rectangular openings in masonry or shelters.
Compact outer dimensions.
Large choice of combinable cushions.
Simple and quick installation procedure.
Rapid sealing, with 3 screws only.

PMR... - Traversée de paroi rectangulaire

Étanche IP67
Résistante au feu REI 120

Pour l'étanchéité des câbles.
Pour ouvertures rectangulaires de murs ou panneaux.
Dimensions extérieures compactes.
Vaste choix de garnitures combinables.
Procédure de montage simple et rapide.
Blocage simplifié par 3 vis seulement.



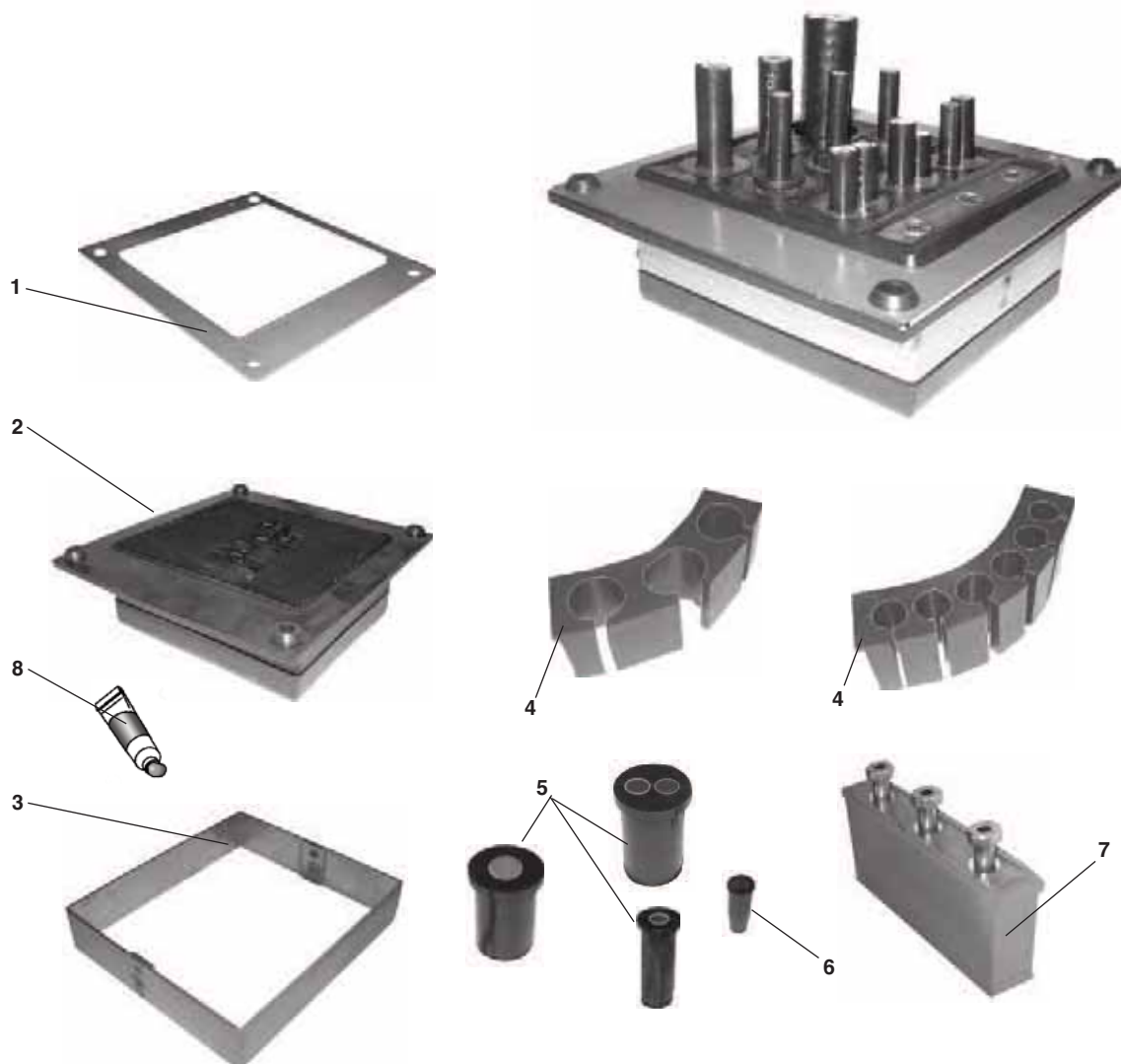
IP67

Tenuta all'acqua
Water proof
Wasserdicht
Étanche



REI 120

Resistente al fuoco
Fire resistant
Feuerbeständig
Résistante au feu



DESCRIZIONE

- 1 Cornice frontale di acciaio AISI 304
- 2 Corpo del passante di EPDM nero
- 3 Collare interno di acciaio AISI 304
- 4 Guarnizioni rettangolari di EPDM nero (GPR..)
- 5 Riduzioni tonde di EPDM nero (GRR..)
- 6 Tappo guarnizione di EPDM nero (GTR..)
- 7 Espansore per sigillatura (GPE 20)
- 8 Lubrificante silconico (LUS 8)

DESCRIPTION

- 1 AISI 304 stainless steel Frame
- 2 Black EPDM Body of Wall Entry
- 3 Internal AISI 304 stainless steel Collar
- 4 EPDM black rectangular Cushions (GPR..)
- 5 EPDM black round Reductions (GRR..)
- 6 Blind Cushion (GTR..)
- 7 Tightening Expander (GPE 20)
- 8 Silicone Lubricant (LUS 8)

BESCHREIBUNG

- 1 Äußerer Stahlrahmen AISI 304 (V2A)
- 2 Durchführung Körper EPDM schwarz
- 3 Innerer Stahl-Kragen AISI 304 (V2A)
- 4 Rechteckige EPDM Dichtungen schwarz (GPR..)
- 5 Runde Reduzier Dichtungen EPDM schwarz (GRR..)
- 6 Stopfen EPDM schwarz (GTR..)
- 7 Dichtungs-Element (GPE 20)
- 8 Silikon-Fett (LUS 8)

DESCRIPTION

- 1 Cadre inox AISI 304
- 2 Corps EPDM noir
- 3 Collier inox AISI 304
- 4 Garniture rectangulaire en EPDM noir (GPR..)
- 5 Réductions rondes en EPDM noir (GRR..)
- 6 Garniture bouchon (GTR..)
- 7 Expanseur d'étanchéité (GPE 20)
- 8 Lubrifiant au silicone (LUS 8)

PMR - Cornice base da incasso
vuota, chiusa da membrana

La cornice rettangolare da incasso di acciaio, è abbinata ad una guarnizione di EPDM. L'apertura di passaggio rettangolare è chiusa da una membrana asportabile. Il passaggio rettangolare può accogliere le guarnizioni rettangolari **GPR**, che possono contenere le guarnizioni tonde **GRR** e **GRE** di vario diametro e relativi tappi **GTR**. L'apposito espansore **GPE** viene inserito per ottenere la chiusura sigillata del sistema.

Materiali

Cornice metallica: AISI 304
Guarnizione: EPDM nero



PMR - Basis Einbau Rahmen
Leer, durch Membrane verschlossen

Der rechteckige Stahl-Einbaurahmen ist mit einer EPDM-Dichtung verbunden. Diese ist provisorisch mit einer leicht trennbaren Membrane verschlossen. Rechteckige **GPR** Dichtungen werden formschlüssig darin aufgenommen. Runde **GRR** und **GRE** Reduzier Dichtungen, mit **GTR** Stopfen, passen dazu. Der zuletzt eingebaute Spreizkörper **GPE** ermöglicht die endgültige Abdichtung.

Material

Stahlrahmen: AISI 304
Dichtung: EPDM schwarz

PMR - Basic built-in Frame
empty, closed by removable membrane

The rectangular built-in Frame, is joined to an EPDM rubber gasket, temporarily closed by a removable sheet.

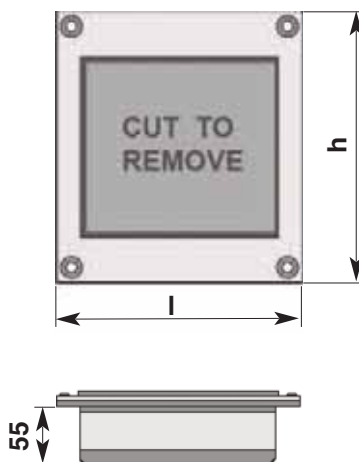
Its window is suitable to house rectangular **GPR** cushions with round passages of different diameters.

Round **GRR** and **GRE** reductions with **GTR** round plugs, fit in the passages.

The **GPE** mechanical expander efforts the final tightening of the system.

Materials

Metal Frame: AISI 304 stainless steel
Gasket: Black EPDM


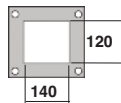
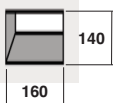

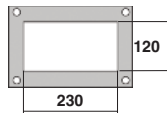
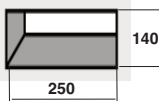

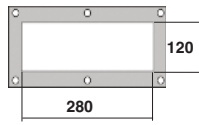
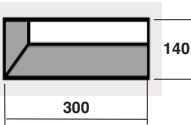

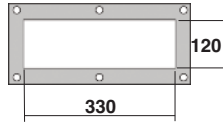
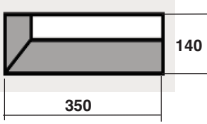


PMR - Cadres de base à encastrer
vide, fermée par membrane amovible

Le cadre d'acier rectangulaire est muni d'une garniture EPDM. Le passage rectangulaire est fermée par une membrane amovible. La fenêtre est apte à recevoir les garnitures rectangulaires **GPR** possédant des passages ronds de différents diamètres. Les réductions ronds **GRR** et **GRE**, avec des bouchon **GTR**, s'adaptent aux garnitures **GPR**. L'expanseur mécanique **GPE** c'est insérée pour étancher le système.

Matériels

Cadre métal: Acier inox AISI 304
Garniture: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Misure passaggi Hole measures Durchgangs Masse Mesures de passages | Cornice l x h Frame l x h Rahmen l x h Cadre l x h | Foratura parete Wall hole Wand Öffnung Ouverture de paroi | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|---|----------------------------------|
|  1 LUS | 61 1511 1400 | PMR 140/01 |  | 240x220 |  | 1 | 870 |
|  1 LUS | 61 1511 2300 | PMR 230/02 |  | 330x220 |  | 1 | 1350 |
|  2 LUS | 61 1511 2800 | PMR 280/03 |  | 380x220 |  | 1 | 1700 |
|  2 LUS | 61 1511 3300 | PMR 330/04 |  | 430x220 |  | 1 | 1900 |

PMR - Passante combinato standard
Cornice più guarnizioni

Passanti a parete **PMR** in combinazioni standard. Cornici fornite complete di relative guarnizioni rettangolari **GPR**, riduzioni rotonde **GRR** e tappi **GTR**, nonché di espansore **GPE** per la sigillatura finale del sistema.

Altre combinazioni sono fornibili a richiesta.

Materiali

Corpo e guarnizioni: EPDM nero
Cornice e collare: Acciaio Inox
Espansore: EPDM + ZAMA (ZnAP4Cu1)
Viti M8: AISI 304



PMR - Standard kombinierte Durchführung
Rahmen und Dichtungen

PMR Wanddurchführung komplett in Standard-Kombination. Rahmen geliefert mit rechteckigen **GPR** Dichtungen, runden **GRR** Reduzierungen, **GTR** Blind-Stopfen, sowie **GPE** Dichtungselement.

Andere Kombinationen sind auf Wunsch lieferbar.

Material

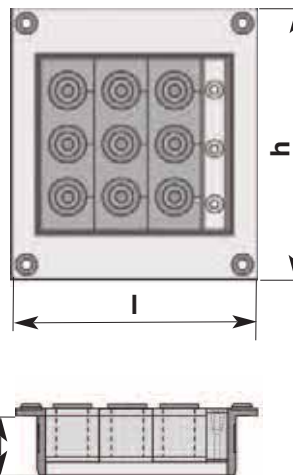
Korpus und Dichtungen: EPDM schwarz
Rahmen und Kragen: V2A
Spreizkörper: EPDM + ZAMAK (ZnAP4Cu1)
M8 Schrauben: V2A

PMR - Standard Combined Wall-Entry
Frame with cushions

Standard combination of **PMR** wall entry. Frame complete with rectangular **GPR** cushions, round **GRR** reductions and **GTR** blind cushions, as well as tightening expander **GPE**.
More combinations are available on request.

Materials

Body and Cushions: black EPDM
Frame and Collar: Stainless Steel
Expander: EPDM + ZnAP4Cu1 Alloy
M8 Screws: AISI 304

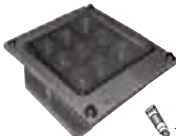

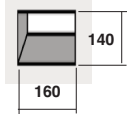


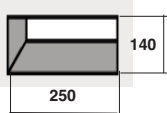


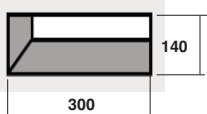


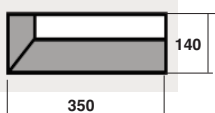


PMR - Traversée Combinée standard
Cadre avec garnitures

Combinaison standard de traversée de paroi **PMR**. Cadre complete avec garnitures **GPR** rectangulaires, réductions **GRR** ronds, bouchons **GTR** et expasseur d'étanchéité **GPE**.
On peut fournir autres combinaisons sur demande.

Matériels

Corps et garnitures: EPDM noir
Cadre et collier: Acier Inox
Expasseur: EPDM + ZAMAK (ZnAP4Cu1)
Vis M8: AISI 304

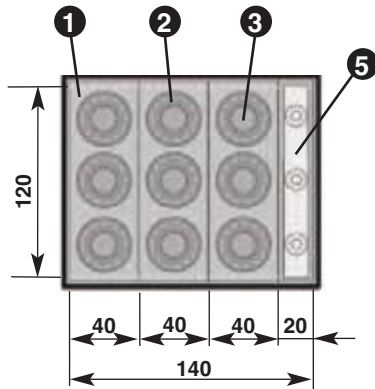
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi cavi Cable Holes Kabel Durchgänge Passages des cables | Cornice l x h Frame l x h Rahmen l x h Cadre l x h | Foratura parete Wall hole Wand Öffnung Ouverture de paroi | g | 9 | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|---|------|----------------------------------|
|  1 LUS | 61 1511 1409 | PMR 140/9x28-16 |  9x7/8" ÷ 1/2" | 240x220 |  140 160 | 1 | 1690 | |
|  1 LUS | 61 1511 2315 | PMR 230/15x28-16 |  15x7/8" ÷ 1/2" | 330x220 |  140 250 | 1 | 2695 | |
|  2 LUS | 61 1511 2818 | PMR 280/18x28-16 |  18x7/8" ÷ 1/2" | 380x220 |  140 300 | 1 | 3940 | |
|  2 LUS | 61 1511 3321 | PMR 330/21x28-16 |  21x7/8" ÷ 1/2" | 430x220 |  140 350 | 1 | 4470 | |

PMR - Combinati con guarnizioni
PMR - Combined with Cushions

PMR - Kombiniert mit Dichtungen
PMR - Combinaisons avec garnitures

PMR 140/9x28-16

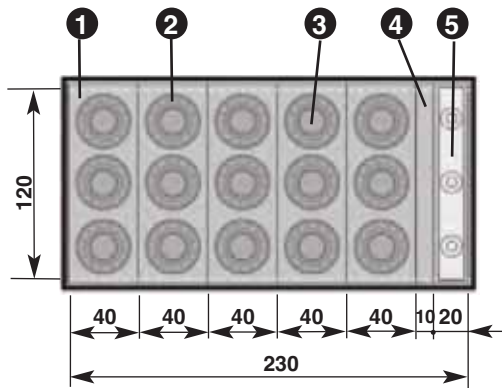
Per nove cavi da 7/8" o 1/2"
For nine 7/8" or 1/2" cables
Für neun 7/8" oder 1/2" Kabeln
Pour neuf câbles 7/8" ou 1/2"



- 1 GPR 3x7/8"**
Guarnizioni rettangolari/Rectangular Cushions
Kombi-Dichtungen/Garnitures rectangulaires
- 2 GRR 1x16-28**
Guarnizioni tonde/Round Cushions
Runde Dichtungen/Garnitures ronds
- 3 GTR 17**
Tappo guarnizione/Gasket plug
Stopfen/Garnitures bouchon
- 5 GPE 20**
Espansore per sigillatura/Tightening expander
Dichtungs-Element/Expanseur d'étanchéité

PMR 230/15x28-16

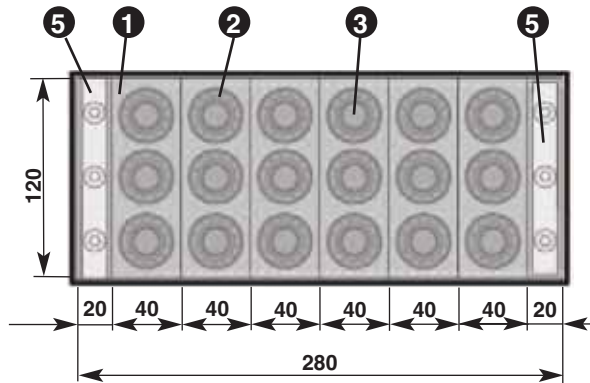
Per quindici cavi da 1/2" o 7/8"
For fifteen 7/8" or 1/2" cables
Für fünfzehn 7/8" oder 1/2" Kabeln
Pour quinze câbles 7/8" ou 1/2"



- 1 GPR 3x7/8"**
Guarnizioni rettangolari/Rectangular Cushions
Kombi-Dichtungen/Garnitures rectangulaires
- 2 GRR 1x16-28**
Guarnizioni tonde/Round Cushions
Runde Dichtungen/Garnitures ronds
- 3 GTR 17**
Guarnizione tappo/Gasket plug
Stopfen/Garnitures bouchon
- 4 GPT 10**
Guarnizione tappo/Gasket plug
Dichtungs-Stück/Garnitures bouchon
- 5 GPE 20**
Espansore per sigillatura/Tightening expander
Dichtungs-Element/Expanseur d'étanchéité

PMR 280/18x28-16

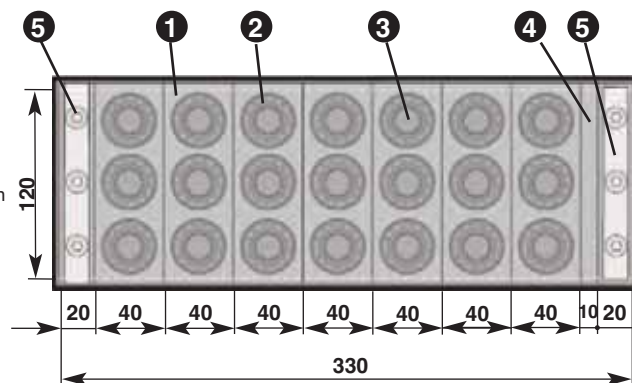
Per diciotto cavi da 1/2" o 7/8"
For eighteen 7/8" or 1/2" cables
Für achtzehn 7/8" oder 1/2" Kabeln
Pour dix-huit câbles 7/8" ou 1/2"



- 1 GPR 3x7/8"**
Guarnizioni rettangolari/Rectangular Cushions
Kombi-Dichtungen/Garnitures rectangulaires
- 2 GRR 1x16-28**
Guarnizioni tonde/Round Cushions
Runde Dichtungen/Garnitures calibrées
- 3 GTR 17**
Guarnizione tappo/Gasket plug
Stopfen/Garnitures bouchon
- 5 GPE 20**
Espansore per sigillatura/Tightening expander
Dichtungs-Element/Expanseur d'étanchéité

PMR 330/21x28-16

Per ventuno cavi da 1/2" o 7/8"
For twentyone 7/8" or 1/2" cables
Für einundzwanzig 7/8" oder 1/2" Kabeln
Pour 21 câbles 7/8" ou 1/2"



- 1 GPR 3x7/8"**
Guarnizioni rettangolari/Rectangular Cushions
Kombi-Dichtungen/Garnitures rectangulaires
- 2 GRR 1x16-28**
Guarnizioni tonde/Round Cushions
Runde Dichtungen/Garnitures calibrées
- 3 GTR 17**
Guarnizione tappo/Gasket plug
Stopfen/Garnitures bouchon
- 4 GPT 10**
Guarnizione tappo/Gasket plug
Dichtungs-Stück/Garnitures bouchon
- 5 GPE 20**
Espansore per sigillatura/Tightening expander
Dichtungs-Element/Expanseur d'étanchéité

CPR - Cornice protettiva interna

Per la finitura del lato interno della parete in abbinamento al passante **PMR**.
Per spessori di parete 70 ÷ 125 e più.

Materiale: Acciaio zincato



CPR - Blendrahmen

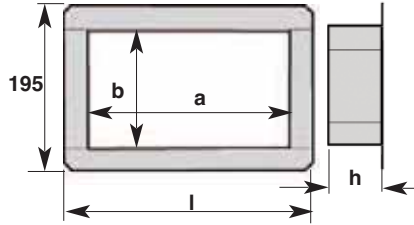
Für geschützte Durchführungen von Kabeln und Leitungen. Ideal in Kombination mit **PMR** Wand-durchführung. Wandstärken: 70 ÷ 125 und mehr.

Material: Verzinktes Stahlblech

CPR - Internal Protection Frame

For internal finishing of the wall, combined with the **PMR** Wall Entry.
For wall thickness 70 ÷ 125 and more.

Material: Galvanized steel

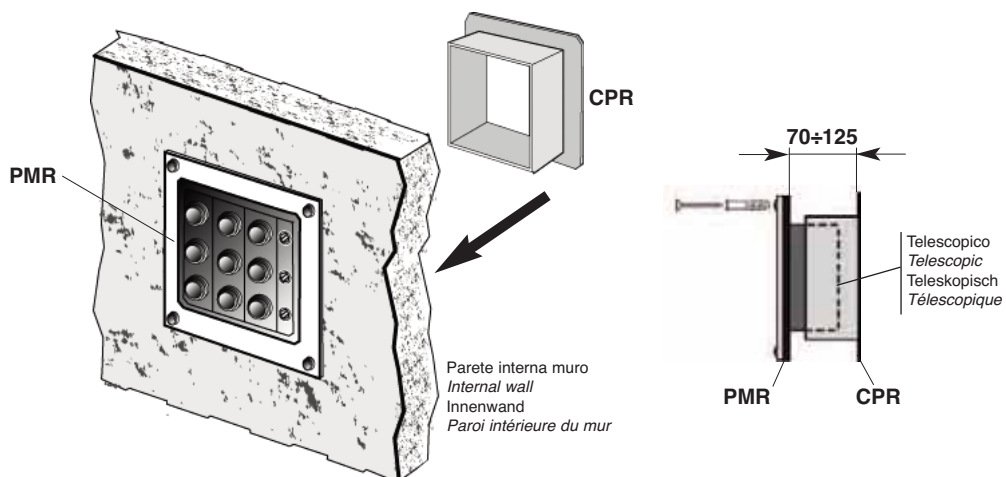


CPR - Cadre de protection interieur

Pour le finissage de la paroi intérieure, en combinaison avec la traversée de paroi **PMR**.
Pour epaisseur de paroi 70 ÷ 125 et plus.

Matériel: Acier galvanisé

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Misure Measures | | Masse Mesures | | Apertura parete l x h Wall opening l x h Wand Öffnung l x h Ouverture de paroi l x h | Per passante For wall entry Für Wanddurchf. Pour traversée de paroi | 9 | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------------------|-----|------------------|----|---|--|---|----------------------------------|
| | | | a | b | l | h | | | | |
| | 61 1511 0014 | CPR 140 | 155 | 135 | 215 | 70 | | PMR 140/01 | 1 | |
| | 61 1511 0023 | CPR 230 | 245 | 135 | 305 | 70 | | PMR 230/02 | 1 | |
| | 61 1511 0028 | CPR 280 | 295 | 135 | 355 | 70 | | PMR 280/03 | 1 | |
| | 61 1511 0033 | CPR 330 | 345 | 135 | 405 | 70 | | PMR 330/04 | 1 | |



CPS - Cornice protettiva interna

Per la finitura del lato interno della parete shelter in abbinamento al passante **PMR**.
Per spessori di parete 50 ÷ 85.

Materiale: Acciaio zincato



CPS - Blendrahmen

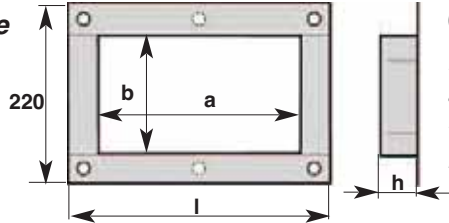
Für Innenfinish des Shelters. Ideal in Kombination mit **PMR** - Wanddurchführung.
Wandstärken: 50 ÷ 85.

Material: Verzinktes Stahlblech

CPS - Internal Protection Frame

For the shelter internal wall finishing with the **PMR** Wall Entry.
For wall thickness 50 ÷ 85.

Material: Galvanized steel

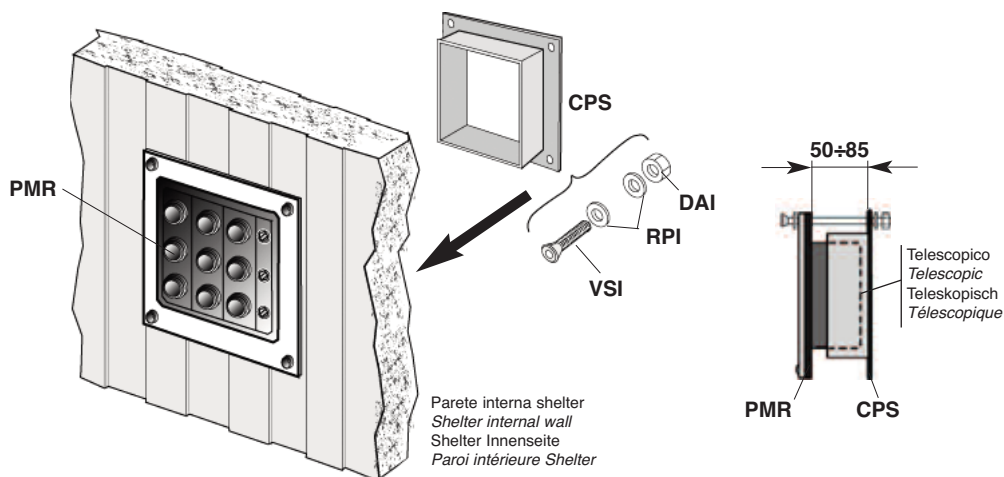


CPS - Cadre de protection interieur

Pour le finissage intérieure, du shelter en combinaison avec la traversée de paroi **PMR**.
Pour epaisseur de paroi 50 ÷ 85.

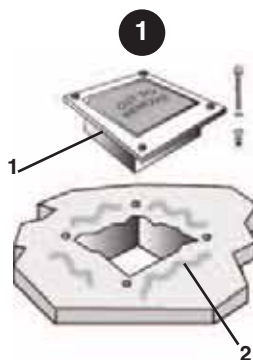
Matériel: Acier galvanisé

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Misure Measures | | Masse Mesures | | Apertura parete l x h Wall opening l x h Wand Öffnung l x h Ouverture de paroi l x h | Per passante For wall entry Für Wanddurchf. Für traversée de paroi | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------------------|-----|------------------|----|---|---|---|----------------------------------|
| | | | a | b | l | h | | | | |
| | 61 1511 1014 | CPS 140 | 155 | 135 | 240 | 35 | | PMR 140/01 | 1 | |
| | 61 1511 1023 | CPS 230 | 245 | 135 | 330 | 35 | | PMR 230/02 | 1 | |
| | 61 1511 1028 | CPS 280 | 295 | 135 | 380 | 35 | | PMR 280/03 | 1 | |
| | 61 1511 1033 | CPS 330 | 345 | 135 | 430 | 35 | | PMR 330/04 | 1 | |



Praticare un'apertura rettangolare nella parete, secondo le dimensioni indicate in tabella. Posizionare il passante **PMR** (1) e fissarlo con viti e tasselli. In presenza di rugosità della parete applicare del sigillante butilico **BUT 6** (2) o del silicone tra la parete e la guarnizione del passante **PMR**.

*Cut a suitable rectangular opening as per the dimensions shown in the table. Position **PMR** Wall Entry (1) and fix it to the wall by screws and plugs. Should the wall surface be rough, put some **BUT 6** (2) butilic putty or some silicone grease between wall and EPDM gasket.*



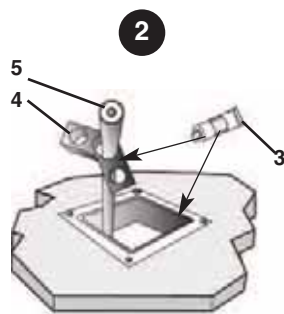
Eine rechteckige Öffnung nach den angegebenen Maßen in die Wand stemmen.

PMR (1) Wanddurchführung positionieren und mittels Schrauben oder Dübeln befestigen. Bei Wandunebenheiten mittels Butyl-Masse **BUT 6** (2) oder Silikon die Lücken zwischen Rahmen und Wandoberfläche ausfüllen.

*Faire un trou rectangulaire dans le mur, selon les dimensions montrées dans le tableau. Positionner la traversée de paroi **PMR** (1) et la fixer à l'aide des vis et chevilles fournies. Au cas où la paroi est rugueuse, enduire de la pâte butilique **BUT 6** (2) ou de la pâte de silicone entre paroi et garniture.*

Rimuovere la membrana di protezione provvisoria. Lubrificare accuratamente le pareti interne del passante **PMR** mediante il lubrificante **LUS 8** (3). Lubrificare internamente ed esternamente le guarnizioni **GPR** (4) mediante il lubrificante **LUS 8** ed inserirle sui cavi (5). Fare scorrere le guarnizioni **GPR** sui cavi, alloggiandole accuratamente all'interno del passante **PMR**. Completare il riempimento totale del passante con le altre guarnizioni **GRR** occorrenti. Sono disponibili, per diametri minori di cavi, guarnizioni di riduzione **GRR 1x**, **GRR 2x** ecc. Lubrificare ed inserire come ultimo l'elemento espansore **GPE 20** (6) per ottenere la tenuta stagna del passante **PMR**.

*Remove the temporary protection sheet. Carefully lubricate the inside wall entry surfaces with **LUS 8** lubricant (3). Lubricate inside and outside the **GPR** cushions (4) and insert them onto the cables (5). Let the **GPR** cushions slide on cables, and introduce them in the **PMR** Wall Entry. Complete the **PMR** filling by the needed further **GRR** cushions. Reduction cushions as **GRR 1x**, **GRR 2x**, etc. are available for small cable diameters. Lubricate and insert the expander **GPE 20** (6) for tight sealing of **PMR** Wall Entry.*



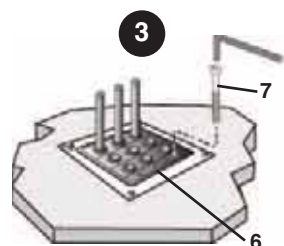
Schutzmembrane der **PMR** Durchführung entfernen. Innenwände des **PMR** Gummirahmen mittels Silikonfett **LUS 8** (3) gut einreiben. Alle Dichtungen **GPR** (4) gut innen und außen mit **LUS 8** (3) Silikonfett einreiben, diese auf die Kabel (5) aufsetzen und in die **PMR** Wanddurchführung einschleiben.

Die Wanddurchführung komplett mit den erforderlichen **GRR** Dichtungen ausfüllen. Runde Reduzierdichtungen **GRR 1x** und **GRR 2x** für dünnere Kabel sind verfügbar. Spreizkörper **GPE 20** (6) gut einfetten und zu allerletzt einführen um die Abdichtung der **PMR** zu erzielen.

*Enlever la membrane de protection. Lubrifier soigneusement les parois intérieures de la traversée de paroi en utilisant la graisse **LUS 8** (3). Lubrifier à l'intérieur et à l'extérieur les garnitures **GPR** (4), et les insérer sur les câbles (5). Faire glisser les garnitures **GPR** sur les câbles, en les logeant soigneusement à l'intérieur de la traversée **PMR**. Compléter le remplissage total de la traversée de paroi, en introduisant les autres garnitures **GRR** nécessaires. Des garnitures de réduction **GRR 1x**, **GRR 2x** etc., sont disponibles pour des petits diamètres de câbles. Lubrifier et insérer l'expansor **GPE 20** (6) pour l'étanchéité de la traversée de paroi **PMR**.*

Serrare a fondo, progressivamente e alternativamente, le tre viti di bloccaggio (7) dell'elemento espansore **GPE 20** (6). Momento di serraggio massimo = 4 Nm.

*Tighten progressively and alternatively the 3 screws (7) of the expander **GPE 20** (6). Max tightening torque = 4 Nm.*



Die drei Verschluss-Schrauben (7) des Spreizkörpers **GPE 20** (6) nach und nach gründlich anziehen. Maximales Drehmoment = 4 Nm.

*Serrer progressivement et alternativement les trois vis de blocage (7) de l'expansor, **GPE 20** (6). Serrage maximum = 4 Nm.*

PTR 200/120 - Passante a parete stagno

Stagno IP67
Resistente al fuoco REI 120

L'apertura centrale quadrata 120x120, chiusa da una pellicola facilmente asportabile, è predisposta per accogliere le guarnizioni rettangolari **GPR**, aventi passaggi rotondi di vari diametri, a loro volta combinabili con le riduzioni rotonde **GRR**.

Sono presenti **otto** fori addizionali diam. 16 mm, per il passaggio di cavi di minori dimensioni, in combinazione con guarnizioni di riduzione **GRR..-16**.

La sigillatura finale si ottiene serrando la fascetta.

Materiali:

Corpo: EPDM nero Fascetta: AISI 304
Flangia: AISI 304 Collare interno: AISI 304

PTR 200/120 - Wasserdichte Wanddurchführung

Wasserdicht IP67
Feuerbeständig REI 120

Die Quadratische Öffnung 120x120 ist werkseitig mit einer leicht trennbaren Gummimembrane verschlossen.

Spezielle rechteckige Dichtungskörper **GPR**, mit runden kalibrierten Öffnungen, werden darin formschlüssig aufgenommen.

Acht zusätzliche Bohrungen mit 16 mm Durchm., erlauben die Montage von kleineren Kabeln, bei Verwendung von Reduzierdichtungen **GRR..-16**.

Die endgültige Abdichtung erfolgt mittels Schlauchklemme.

Material:

Körper: EPDM schwarz Schlauchklemme: V2A
Flansche: V2A Innen Kragen: V2A

PTR 200/120 - Waterproof wall entry

IP67 Waterproof
REI 120 Fire Resistant

The central square 120x120 opening is temporarily sealed with a removable rubber sheet.

The opening is conceived to house **GPR** rectangular cushions with different diameter round holes, combinable with round **GRR..-16** reductions.

Additional **eight** diam. 16 mm holes for smaller cables have been foreseen.

The final sealing is ensured by tightening the hose clamp.

Materials:

Gasket: Black EPDM Hoseclamp: AISI 304
Flange: stainless steel AISI 304. Internal collar: AISI 304

PTR 200/120 - Traversée de paroi étanche

Étanche IP67
Résistante au feu REI 120

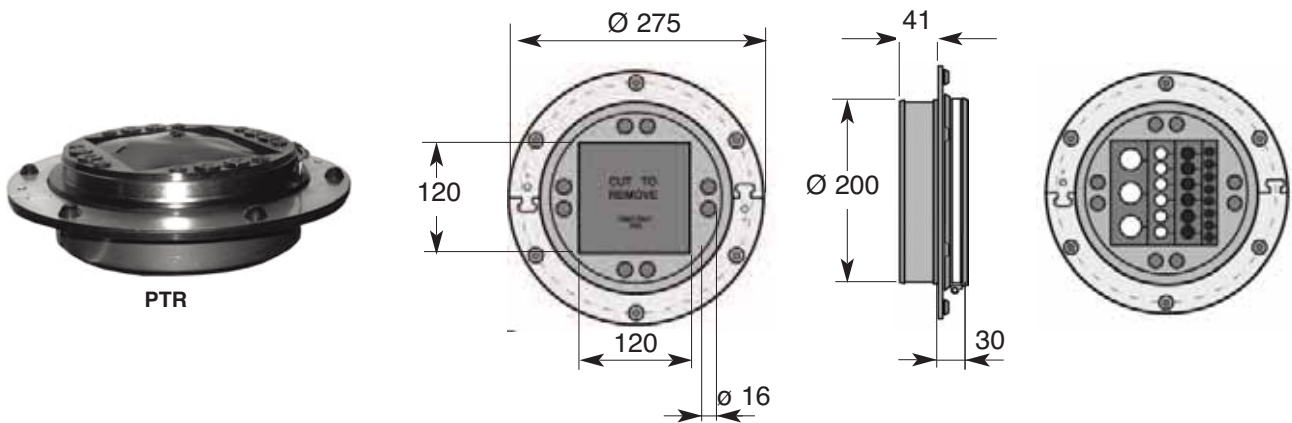
L'ouverture du passage 120x120 est fermée par une membrane amovible.




La fenêtre carrée est apte à recevoir les garnitures rectangulaires **GPR** qui possèdent des passages ronds de différents diamètres, et sont combinables avec les réductions rondes **GRR..-16**. **Huit** passages additionnels diam. 16 mm pour les petits câbles ont été prévus.

L'étanchéité finale est assurée en serrant le collier.

Matériels:

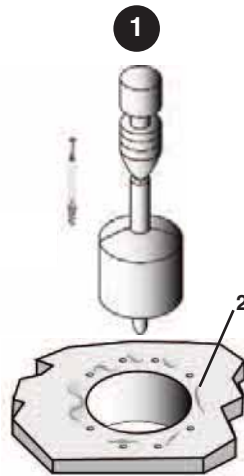
Corp: EPDM noir Collier de serrage: AISI 304
Bride: acier Inox AISI 304 Collier intérieur: AISI 304



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi Holes Durchgänge Passages | Foro parete/Wall hole Wandloch/Traversée |  |  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|---|----------------------------------|
|  | 61 1513 0200 | PTR 200/120 | 120x120 | Ø 200÷205 | 1 | 550 | |

Praticare un foro $\varnothing 200 \div 205$ nella parete con una punta a tazza. Posizionare il passante PTR (1) e fissarlo con viti e tasselli. In presenza di rugosità della parete, applicare del sigillante butilico BUT 6 (2) o del silicone tra la parete e la guarnizione del passante PTR.

Drill a round hole of $\varnothing 200 \div 205$ mm into the wall with a core bit. Place the PTR (1) in the right position and fix it to the wall. Should the wall surface be rough, put some BUT 6 (2) butilic putty or some silicone grease between wall and PTR.



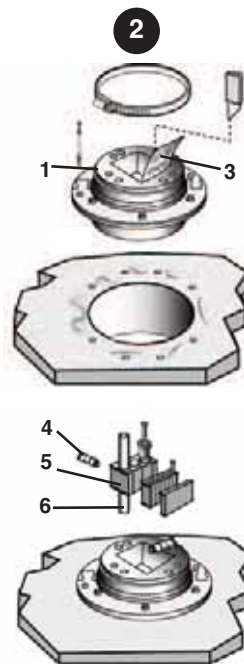
Rundloch $\varnothing 200 \div 205$ mit Kernbohrer in die Wand bohren. PTR (1) Wanddurchführung aufsetzen und mittels Mauerdübel befestigen. Wenn erforderlich zusätzlich Butyl-Masse BUT 6 (2) oder Silikon zwischen Wand und PTR auftragen.

Faire un trou de diamètre $\varnothing 200 \div 205$ dans la paroi. Percer des trous pour insérer les chevilles ou pour les vis de fixation aussi. Fixer la traversée PTR (1) à l'aide des vis. Au cas où la surface de la paroi est rugueuse, enduire de la pâte butylique BUT 6 (2) ou de la pâte de silicone entre la plaque et la paroi.

Rimuovere la membrana di protezione provvisoria (3). Lubrificare le pareti interne del passante PTR mediante il lubrificante LUS 8 (4). Lubrificare internamente ed esternamente le guarnizioni GPR (5) mediante il lubrificante LUS 8 ed inserirle sui cavi (6). Fare scorrere le guarnizioni GPR sui cavi, alloggiandole accuratamente all'interno del passante PTR. Per cavi di diametro minore sono disponibili, guarnizioni di riduzione GRR.

Remove the temporary protection sheet (3). Spread some LUS 8 (4) silicone grease on the cables and on the inside and outside surfaces of the GPR (5) cushions and slide them onto the cables (6). Complete the wall entry with additional GRR cushions.

Suitable reductions GRR for smaller cables are available.



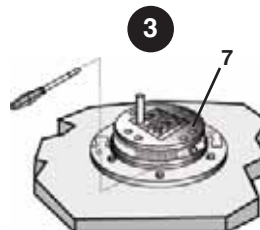
Provisorische Schutzmembrane (3) entfernen. Innenseite der PTR Wanddurchführung mit Silikonfett LUS 8 (4) einreiben, sowie auch die Kabel. Die GPR Dichtungen (5) innen und aussen einfetten. Letztere auf die Kabel aufsetzen und in die PTR Wanddurchführung einschieben. Runde Reduzierungen GRR für kleinere Kabel sind erhältlich.

Enlever la membrane de protection provisoire (3). Enduire de la graisse de silicone LUS 8 (4) sur la paroi intérieure et extérieure des garnitures à insérer ainsi que sur les câbles (6). Insérer les garnitures dans le PTR.

Des garnitures de réduction GRR, sont disponibles pour des câbles de petits diamètres.

Serrare in modo opportuno le fascette inox (7) per ottenere la sigillatura

For the final sealing, tightly lock the stainless steel hose clamp (7).



Zu allerletzt Bandschelle (7) angemessen für eine gute Abdichtung anziehen.

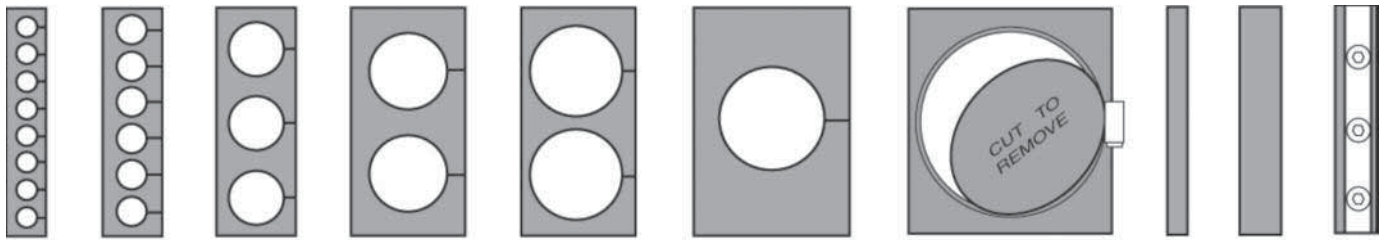
Serrer correctement le collier (7) pour terminer l'installation.

GPR/GPT/GPE - Guarnizioni + espansore

GPR/GPT/GPE - Cushions + Expander

GPR/GPT/GPE - Dichtungen + Spreizkörper

GPR/GPT/GPE - Garnitures + expenseur



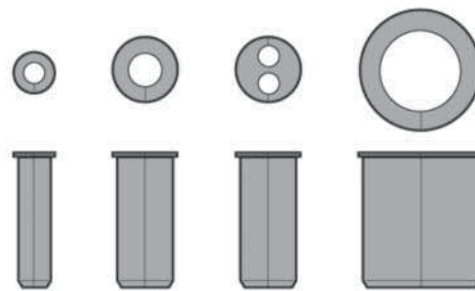
GPR 8x11 GPR 6x1/2" GPR 3x7/8" GPR 2x1.1/4" GPR 2x1.5/8" GPR 1x62 GPR 1x90 GPT 10 GPT 20 GPE 20

GRR - Riduzioni tonde

GRR - Round Reductions

GRR - Runde Reduzierungen

GRR - Reductions rondes



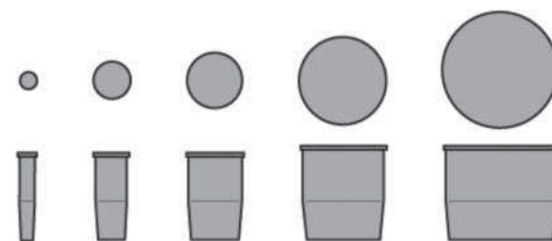
GRR 1x11-16 GRR 1x16-28 GRR 2x11-28 GRR 1x40-50

GTR - Tappi cilindrici

GTR - Round Blind Plugs

GTR - Runde Blindstopfen

GTR - Bouchons cylindriques



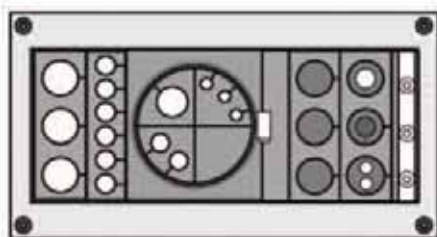
GTR 11 GTR 17 GTR 28 GTR 40 GTR 50

PMR/PTR - Esempi di montaggio

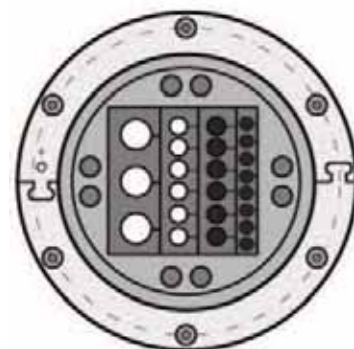
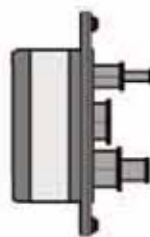
PMR/PTR - Wall Entry Mounting

PMR/PTR - Montage Beispiele

PMR/PTR - Exemple de montage



PMR



PTR

GPR - Guarnizioni rettangolari per PMR

Blocchetti rettangolari con fori calibrati per cavi coassiali. Si inseriscono nelle cornici **PMR** adattandosi perfettamente. Grazie all'espansore **GPE** vengono compressi per ottenere la sigillatura del passaggio.

Materiale: EPDM nero

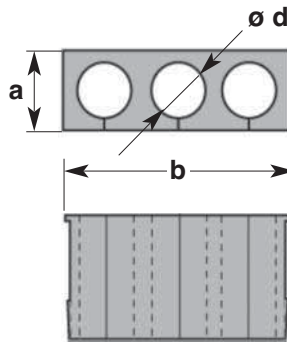


GPR - Rectangular cushions for PMR

EPDM rubber rectangular Cushions with calibrated holes for coaxial cables. They perfectly suit the **PMR** Frames.

Thanks to the **GPE** Expander action, the water tightness of the system is ensured.

Material: Black EPDM



GPR - Rechteckige Dichtungen für PMR

Dichtungsblöcke, mit kalibrierten Durchgängen für Koax-Kabeln. Werden in dem **PMR** - Rahmen formschlüssig aufgenommen.

Die Abdichtung erfolgt mittels Spreizkörper **GPE**.

Material: EPDM schwarz

GPR - Garnitures rectangulaires pour PMR

Garnitures rectangulaires en EPDM avec des trous calibrés pour cables coaxiaux. Elles s'insèrent parfaitement dans les cadres **PMR**. Grâce à l'expanseur **GPE** elles assurent l'étanchéité du système.

Matériel: EPDM noir

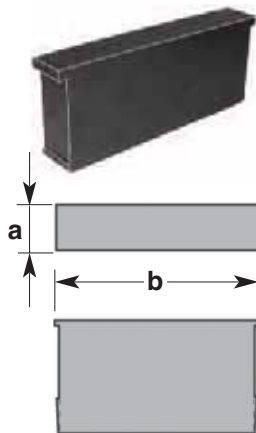
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi Holes Durchgänge Passages | ø d | a | b | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---------|-----|-----|----|----|-------|----------------------------------|
| | 61 0120 8011 | GPR 8x11 | 8 | 10÷11 | 20 | 120 | 10 | 50 | 100 | |
| | 61 0120 6012 | GPR 6x1/2" | 6 | 16÷17 | 30 | 120 | 10 | 50 | 140 | |
| | 61 0120 3078 | GPR 3x7/8" | 3 | 27÷28 | 40 | 120 | 10 | 50 | 170 | |
| | 61 0120 2114 | GPR 2x1.1/4" | 2 | 39÷40 | 60 | 120 | 10 | 50 | 285 | |
| | 61 0120 2158 | GPR 2x1.5/8" | 2 | 50÷52 | 60 | 120 | 10 | 50 | 195 | |
| | 61 0120 1062 | GPR 1x62 | 1 | 61÷63 | 90 | 120 | 10 | 50 | 330 | |
| | 61 0120 0090 | GPR 1x90 | 1 | 89÷91 | 120 | 120 | 10 | 50 | 435 | |
| | 61 0120 1115 | GPR 1x115 | | 114÷116 | | | | | 360 | |
| | 61 0120 1090 | GPR 1x90 HC | 120 | 88÷90 | 120 | 120 | 10 | 50 | 440 | |



GPT - Guarnizioni tappo rettangolari

Guarnizione rettangolare per chiudere spazi inutilizzati del passante **PMR**, dopo l'inserimento di guarnizioni **GPR**.

Materiale: EPDM nero



GPT - Rectangular Blind Cushions

Rectangular cushions to complete the configuration of the **PMR** wall Entry, after the **GPR** Cushions introduction.

Material: Black EPDM

GPT - Rechteckige Dichtungs-Blöcke

Rechteckige Einbaudichtung für **PMR** zum Ausgleichen von Lücken bei bereits eingebauten Kabeldichtungen **GPR**.

Material: EPDM schwarz

GPT - Garnitures bouchons rectangulaires

Garniture rectangulaire pour fermer les espaces inutilisés de la traversée de paroi **PMR**, après l'insertion des garnitures **GPR**.

Matériel: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | a | b | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----|-----|----|----|-------|----------------------------------|
| | 61 0120 0010 | GPT 10 | 10 | 120 | 10 | 50 | 70 | |
| | 61 0120 0020 | GPT 20 | 20 | 120 | 10 | 50 | 140 | |

GPE 20 - Espansore di sigillatura

Elemento composto da corpo esterno di gomma divaricabile da un espansore a cuneo azionato da tre viti M8. La sigillatura del passante **PMR** avviene dopo aver inserito le guarnizioni **GPR** ed i cavi.

Materiali

Guarnizione: EPDM nero
Cuneo metallico: ZAMA (ZnAP4Cu1)
Viti M8 : AISI 304



GPE 20 - Dichtungs-Element

Gummikörper mit eingebautem keilförmigen Spreizkörper der mittels drei M8 - Schrauben, aufgeweitet wird und die Abdichtung der **GPR** Dichtungen und der eingebauten Kabeln ermöglicht.

Material

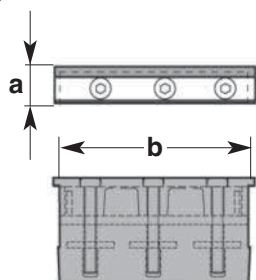
Dichtung: EPDM schwarz
Spreizkörper: ZAMAK (ZnAP4Cu1)
M8 Schrauben: V2A

GPE 20 - Tightening Expander

Consisting of an external rubber body extendable by means of the wedge expander. Only three M8 screws, to seal the **PMR** wall-entry, after the insertion of **GPR** cushions and cables.

Materials

Cushions: Black EPDM
Metal Wedge: ZnAP4Cu1 alloy
M8 screws: AISI 304



GPE 20 - Expanseur d'étanchéité

Élément composé d'un corps extérieur en caoutchouc extensible à l'aide de trois vis à expansion. L'étanchéité de la traversée de paroi **PMR** est obtenue après avoir inséré les garnitures **GPR** et les cables.

Matériels

Garniture : EPDM noir
Cale métal: ZAMAK (ZnAP4Cu1)
Vis M8: AISI 304

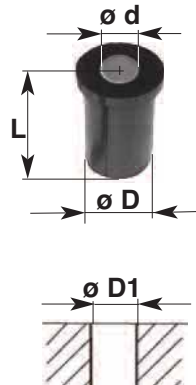
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | a | b | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----|-----|---|----|-------|----------------------------------|
| | 61 0120 0001 | GPE 20 | 20 | 120 | 1 | 10 | 330 | |

GRR - Guarnizioni tonde di riduzione

Corpo cilindrico per ridurre il foro passante delle guarnizioni **GPR**.

Per altre misure vedere a pag. 5.27.

Materiale: EPDM nero



GRR - Runde Reduzier-Dichtungen

Zylindrische Stopfen zum Reduzieren der Durchgangslöcher der **GPR** Dichtungen.

Für weitere Abmessungen siehe Seite 5.27

Material: EPDM schwarz

GRR - Round Reduction Cushions

Cylindrical Body to reduce the through-holes of **GPR** rectangular Cushions.

For other sizes see page 5.27

Material: Black EPDM

GRR - Garnitures rondes de réduction

Corps cylindrique permettant la réduction des passagés ronds du **GPR**.

Pour les autres dimensions voir à la page 5.27

Matériel: EPDM noir

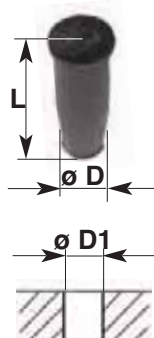
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | $\varnothing D$ | $\varnothing D1$ | $\varnothing d$ | L | | | g | Prezzo Price Preis Prix | |
|---|--|---|-----------------|------------------|-----------------|----|----|----|-------|----------------------------------|--|
| | $\varnothing D = 16$ | | | | | | | | | | |
| | 61 0828 1606 | GRR 1x 6-16 | 16 | 15÷16 | 5÷7 | 52 | 10 | 50 | 11 | | |
| | 61 0828 1611 | GRR 1x 11-16 | | | 10÷12 | 52 | 10 | 50 | 10 | | |
| | 61 0828 1613 | GRR 1x 13-16 | | | 12÷14 | 52 | 10 | 50 | 9 | | |
| | $\varnothing D = 28$ | | | | | | | | | | |
| | 61 0828 1016 | GRR 1x 16-28 | 28 | 26÷28 | 15÷17 | 52 | 10 | 50 | 40 | | |
| | 61 0828 1020 | GRR 1x 20-28 | | | 19÷21 | 52 | 10 | 50 | 38 | | |
| | 61 0828 1022 | GRR 1x 22-28 | | | 21÷23 | 52 | 10 | 50 | 37 | | |
| | $\varnothing D = 40$ | | | | | | | | | | |
| | 61 0828 4028 | GRR 1x 28-40 | 40 | 38÷40 | 27÷29 | 52 | 10 | 50 | 30 | | |
| $\varnothing D = 50$ | | | | | | | | | | | |
| 61 0850 1040 | GRR 1x 40-50 | 50 | 49÷51 | 39÷41 | 52 | 10 | 50 | 26 | | | |
| | $\varnothing D = 28$ | | | | | | | | | | |
| | 61 0828 2007 | GRR 2x 7-28 | 28 | 26÷28 | 7÷8 | 52 | 10 | 50 | 37 | | |
| | 61 0828 2008 | GRR 2x 8-28 | | | 8÷9 | 52 | 10 | 50 | 37 | | |
| | 61 0828 2011 | GRR 2x 11-28 | | | 10÷12 | 52 | 10 | 50 | 35 | | |

GTR - Guarnizioni tappo tonde

Corpo cilindrico per tappare i fori passanti inutilizzati delle guarnizioni rettangolari GPR.

Per altre misure vedere a pag. 5.26.

Materiale: EPDM nero



GTR - Runde Blindstopfen

Zylindrischer Blindstopfen zum Verschliessen der Durchgangslöcher der GPR-Dichtungen.

Für weitere Abmessungen siehe Seite 5.26

Material: EPDM schwarz

GTR - Round Blind Cushions

Cylindrical Body to close the empty through-holes of GPR rectangular Cushions.

For other sizes see page 5.26

Material: Black EPDM

GTR - Garnitures bouchons rondes

Corps cylindrique permettant la fermeture des trous laissés libres. Pour les autres dimensions voir à la page 5.26

Matériel: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | $\varnothing D$ | $\varnothing D1$ | L | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----------------|------------------|----|----|----|-------|----------------------------------|
| | 61 1000 1006 | GTR 6 | 6 | 5÷6 | 30 | 10 | 50 | 2 | |
| | 61 1000 1008 | GTR 8 | 8 | 7÷8 | 30 | 10 | 50 | 3 | |
| | 61 1000 1011 | GTR 11 | 11 | 10÷11 | 30 | 10 | 50 | 4 | |
| | 61 1000 1013 | GTR 13 | 13 | 12÷13 | 30 | 10 | 50 | 6 | |
| | 61 1000 1017 | GTR 17 | 17 | 16÷17 | 30 | 10 | 50 | 7 | |
| | 61 1000 1019 | GTR 19 | 19 | 18÷19 | 30 | 10 | 50 | 9 | |
| | 61 1000 1025 | GTR 25 | 25 | 24÷25 | 38 | 10 | 50 | 12 | |
| | 61 1000 1028 | GTR 28 | 28 | 27÷28 | 38 | 10 | 50 | 18 | |
| | 61 1000 1040 | GTR 40 | 40 | 39÷40 | 38 | 10 | 50 | 39 | |
| | 61 1000 1050 | GTR 50 | 50 | 49÷50 | 38 | 10 | 50 | 70 | |
| | 61 1000 1062 | GTR 62 | 62 | 61÷62 | 38 | 10 | 50 | 86 | |

PPS - Passante a parete

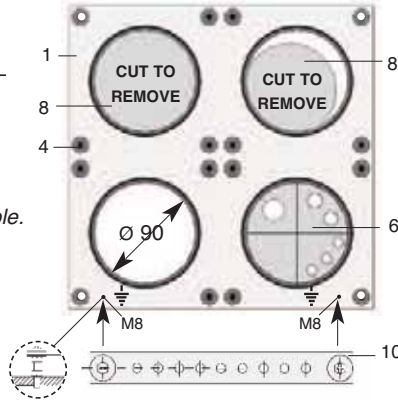
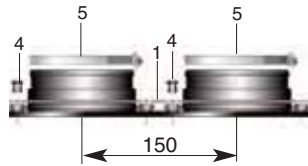
Stagno IP67
Resistente al fuoco REI 120.

Passaggi per cavi di ogni tipo Ø 40, 50, 90.
Chiusura stagna rapida mediante fascette INOX.
Facile e veloce da montare.
Accessori di fissaggio inclusi.
Guarnizioni di raccordo a parte.
Barra equipotenziale a richiesta (10).

PPS - Wall Entry

IP67 Waterproof
REI 120 Fire Resistant

Passing through Ø 40, 50, 90, for any kind of cable.
Easy and quick sealing with hose clamp.
Easy and quick installation.
Fixings accessories included.
Elastic cushions available upon request.
Grounding bar on request (10).



PPS - Wanddurchführung

Wasserdicht IP67
Feuerbeständig REI 120.

Durchgänge Ø 40, 50, 90 für alle Kabeltypen.
Schnelle Abdichtung mittels Schlauchklemme.
Besonders montagefreundlich.
Komplett mit Befestigungszubehör.
Reduzierdichtungen separat erhältlich.
Equipotentialschiene nach Wunsch (10).

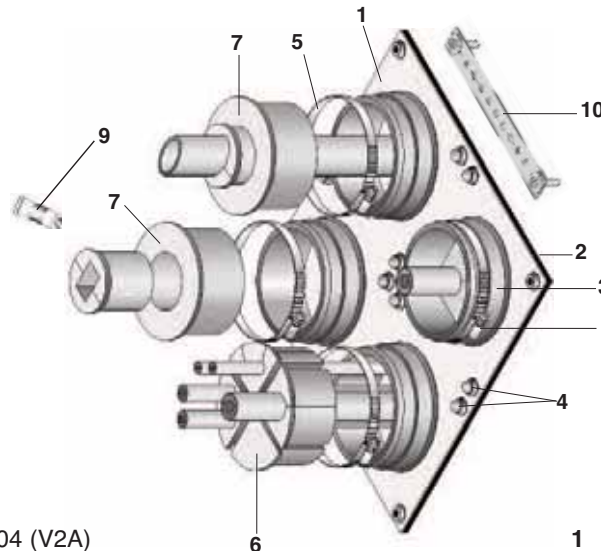
PPS - Traversée de paroi

Étanche IP67
Résistante au feu REI 120.

Passages Ø 40, 50, 90, pour chaque type de câbles.
Tenue sûre avec collier de serrage.
Montage facile et rapide.
Accessoires de fixation inclus.
Garnitures de réduction disponibles pour tous les câbles. Barre de terre sur demande (10).



IP67
Tenuta all'acqua
Water proof
Wasserdicht
Étanche



REI 120
Resistente al fuoco
Fire resistant
Feuerbeständig
Résistante au feu

DESCRIZIONE

- 1 Piastra di acciaio INOX AISI 304 (V2A)
- 2 Guarnizione EPDM nero
- 3 Collare elastico
- 4 Tappo di plastica asportabile
- 5 Fascette AISI 304 stringi collare (FAS)
- 6 Guarnizioni settoriali (GSR e GST)
- 7 Guarnizioni rotonde (GRR)
- 8 Membrana protettiva asportabile (pag. 4.15)
- 9 Lubrificante siliconico (LUS)
- 10 Barra equipotenziale (BEI) a richiesta

BESCHREIBUNG

- 1 Stahlplatte 304 (V2A)
- 2 Dichtung EPDM schwarz
- 3 Elastischer Kragen
- 4 Kunststoff Haltestift
- 5 Schlauchklemme V2A (FAS)
- 6 Sektor Dichtungen (GSR und GST)
- 7 Reduzierdichtungen (GRR)
- 8 Trennbare Verschlussmembrane (S. 4.15)
- 9 Silikon Gleitmittel (LUS)
- 10 Equipotentialschiene auf Wunsch (BEI)

DESCRIPTION

- 1 AISI 304 (V2A) Steel Plate
- 2 Black EPDM Gasket
- 3 Elastic Collar
- 4 Removable Plastic Pin
- 5 Hose Clamp AISI 304 for Collar (FAS)
- 6 Sectorial Cushions (GSR and GST)
- 7 Round Cushions (GRR)
- 8 Removable Protective Film (page 4.15)
- 9 Silicon Lubricant (LUS)
- 10 Grounding Bar on request (BEI)

DESCRIPTION

- 1 Plaque en acier inox AISI 304 (V2A)
- 2 Garniture en EPDM noir
- 3 Collier élastique
- 4 Bouchon plastique
- 5 Collier de tenue en acier AISI 304 (FAS)
- 6 Garnitures par secteurs (GSR et GST)
- 7 Garnitures élastiques (GRR)
- 8 Membrane amovible (page 4.15)
- 9 Lubrifiant au silicone (LUS)
- 10 Barre de terre sur demande (BEI)

SOLUZIONI
PER L'INSTALLAZIONE

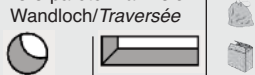
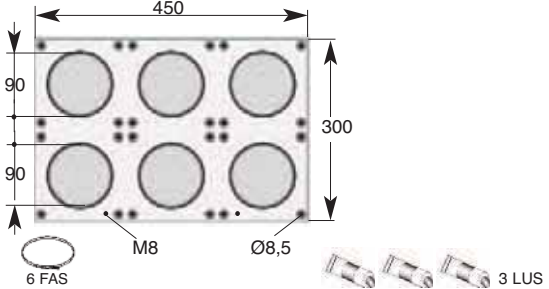
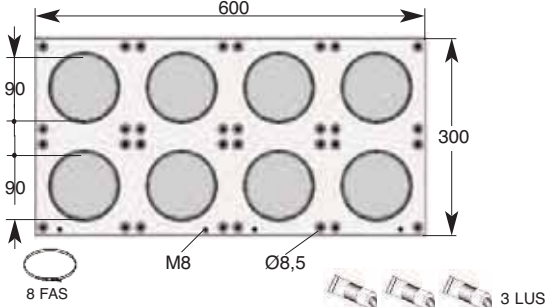
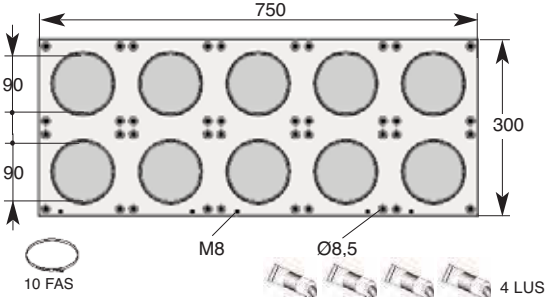
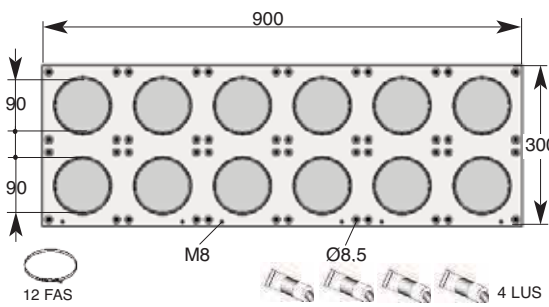
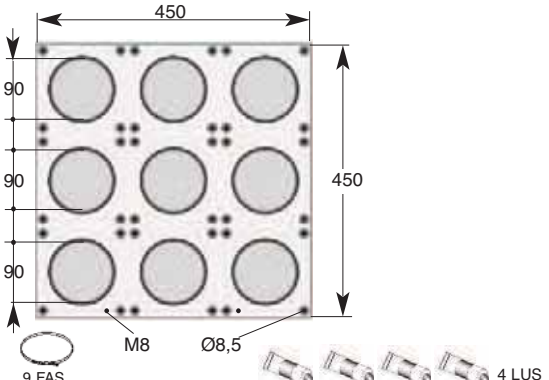
SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

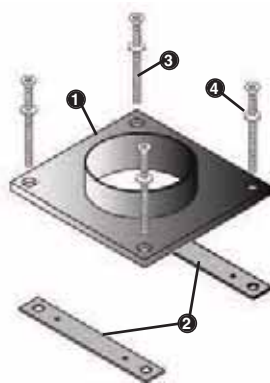
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi Holes Durchgänge Passages | Foro parete/Wall hole Wandloch/Traversée | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|-----------|---|----|------|----------------------------------|
| | 61 1515 0001 | PPS 90 | 1 x Ø 100 | 1x Ø 92 | 90 x 90 | 1 | 10 | 330 | |
| | 61 1515 0138 | PPS 1/40 | 1 x Ø 40 | 1x Ø 40 | 40 x 40 | 1 | 10 | 125 | |
| | 61 1515 0162 | PPS 1/62 | 1 x Ø 62 | 1x Ø 62 | 65 x 65 | 1 | 10 | 157 | |
| | 61 1515 0011 | PPS 1/90 | 1 x Ø 90 | 1x Ø 92 | 90 x 90 | 1 | 10 | 560 | |
| | 61 1515 0012 | PPS 2/90 | 2 x Ø 90 | 2x Ø 92 | 90 x 240 | 1 | | 1000 | |
| | 61 1515 0013 | PPS 3/90 | 3 x Ø 90 | 3x Ø 92 | 90 x 390 | 1 | | 1400 | |
| | 61 1515 0022 | PPS 2x2/90 | 4 x Ø 90 | 4x Ø 92 | 240 x 240 | 1 | | 2000 | |

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi Holes Durchgänge Passages | Foro parete/Wall hole Wandloch/Traversée |  | g | Prezzo Price Preis Prix |
|--|---------------------------------------|---|---|---|---|---|----------------------------------|
|  | 61 1515 0023 | PPS 2x3/90 | 6 x Ø 100 | 6x Ø 92 | 240 x 390 | 1 | 3000 |
|  | 61 1515 0024 | PPS 2x4/90 | 8 x Ø 40 | 8x Ø 92 | 240 x 540 | 1 | 4000 |
|  | 61 1515 0025 | PPS 2x5/90 | 10 x Ø 90 | 10x Ø 92 | 240 x 690 | 1 | 5200 |
|  | 61 1515 0026 | PPS 2x6/90 | 12 x Ø 90 | 12x Ø 92 | 240 x 840 | 1 | 5800 |
|  | 61 1515 0033 | PPS 3x3/90 | 9 x Ø 90 | 9x Ø 92 | 390 x 390 | 1 | 4600 |

KPG 150/1 Kit di montaggio
per finitura interna parete shelter

Componenti del kit:

- ① guarnizione EPDM **GIC 150/1**
- ② controflange AISI 304 **CFP 8**
- ③ viti AISI 304 **VSI 8x110**
- ④ rondelle AISI 304 **RPI 8/16**



KPG 150/1

KPG 150/1 Montage-Kit
für Innenfinish des Shelters

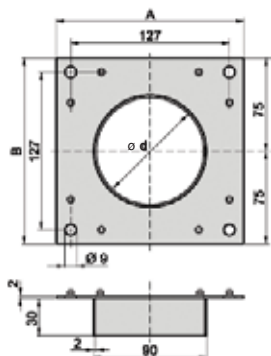
Kit Bestandteile:

- ① EPDM Schutzflansche **GIC 150/1**
- ② AISI 304 Stahlflanschen **CFP 8**
- ③ V2A Schrauben **VSI 8x110**
- ④ V2A Rondellen **RPI 8/16**

KPG 150/1 Mounting Kit
for internal finishing of the shelter

Kit Parts:

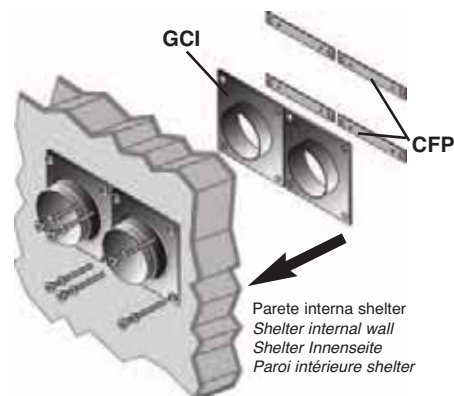
- ① EPDM gasket **GIC 150/1**
- ② AISI 304 counterflange **CFP 8**
- ③ AISI 304 screws **VSI 8x110**
- ④ AISI 304 washers **RPI 8/16**



KPG 150/1 Kit de montage
pour la finition intérieure du shelter

Composants du kit:

- ① garniture EPDM **GIC 150/1**
- ② contre-bride AISI 304 **CFP 8**
- ③ vis AISI 304 **VSI 8x110**
- ④ rondelles AISI 304 **RPI 8/16**



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Composizione kit Kit components Zusammensetzung Composition kit | ∅ d | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|-----|-------|-------|----------------------------------|
| KIT | 61 1515 1090 | KPG 150/1 | 1 GIC 150/1 2 CFP 8 4 VSI 8x110 4 RPI 8/16 | 90 | 1 Kit | 340 | |

GIC 150/1 - Guarnizione protettiva
Per la finitura della parete interna dello shelter, in abbinamento al passante **PPS**.

Materiale: EPDM nero



GIC 150/1

GIC 150/1 - Protection Gasket
for internal finishing of the shelter, in combination with the **PPS** Wall Entry.

Material: black EPDM

GIC 150/1 - Schutz Abdeckung
Als finish der Innenwand des Shelters, zusammen mit der **PPS** Wanddurchführung.

Material: EPDM schwarz

GIC 150/1 - Garniture de protection
Pour la finissage de la paroi intérieure du shelter, en combinaison avec la traversée de paroi **PPS**

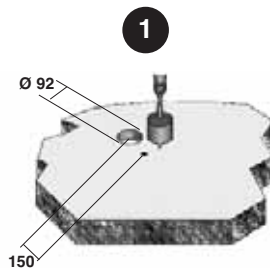
Matériel: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | A | B | ∅ d | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|-----|-----|---|----|-------|----------------------------------|
| | 61 3304 1590 | GIC 150/1 | 150 | 150 | 90 | 1 | 10 | 70 | |



Praticare fori passanti con corone a tazza diamantate commerciali secondo le misure indicate in tabella. Interasse dei fori 150 mm. In alternativa praticare una finestra rettangolare (vedasi tabella).

Drill the main holes with commercial core bit in accordance with the diameters indicated on the table. Hole spacings 150 mm. Alternatively the hole can be of a rectangular shape (see table).

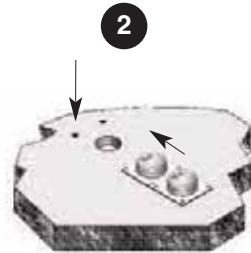


Mit Diamant-Bohrkrone Löcher der benötigten Größe bohren. Lochabstände 150 mm. Andernfalls rechteckiges Loch ausbrechen (siehe Tabelle).

Faire des trous ronds dans la paroi à l'aide d'une scie cloche diamantée correspondant au diamètre. Entraxe de 150 mm entre les trous. Alternativement pratiquer un trou rectangulaire (voir tableau).

Posizionare il passante dopo aver praticato i fori per i tasselli.
I tasselli sono inclusi nella confezione.

Drill holes for plugs and place the wall entry in position. Plugs are included in package.

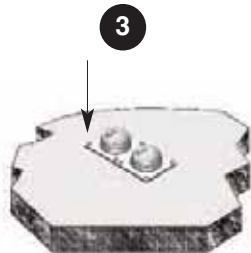


Dübellöcher bohren und Wanddurchführung aufsetzen.
Dübel sind beige packt.

Placer la traversée de paroi après avoir percé les trous pour les chevilles. Les chevilles sont incluses dans le kit.

Fissare alla parete mediante tasselli.
In presenza di rugosità della parete, applicare del sigillante butilico **BUT 6** o del silicone tra la piastra e la parete.

Fix the wall-entry to the wall with plugs. If necessary put some BUT 6 butilic putty or some silicone grease between plate and wall.

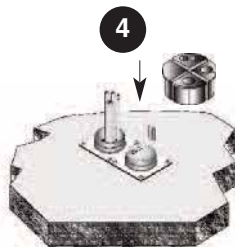


Mittels Mauerdübeln an die Wand befestigen.
Wenn erforderlich zusätzlich Butyl-Masse **BUT 6** oder Silikon zwischen Platte und Wand auftragen.

Fixer sur la paroi au moyen des vis. Si nécessaire enduire de la pâte butylique BUT 6 ou de la pâte de silicone entre la plaque et le mur.

Rimuovere la membrana di chiusura del passante mediante un coltello e infilare i cavi.

Remove the sealing rubber sheet of the wall entry with a knife and insert the cables.

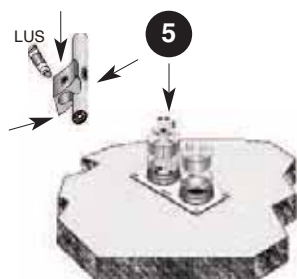


Verschlussmembrane der Wanddurchführung mittels Messer entfernen und Kabel durchführen.

Enlever la membrane de protection des traversées avec un couteau et passer les câbles.

Applicare il lubrificante silconico **LUS 8** sulla parte interna ed esterna delle guarnizioni e sui cavi. Inserire le guarnizioni nel passante.

Apply LUS 8 silicon grease to internal and external surfaces of cushions and cables. Insert cushions in hole.



Spezial Siliconfett **LUS 8** auf Dichtungen innen und aussen, sowie auf die Kabel auftragen. Dichtungen einschieben.

Appliquer la graisse de silicone LUS 8 sur les surfaces internes et externes des garnitures et des câbles. Insérer les garnitures dans les trous.

Posizionare l'apposita fascetta **FAS** sul collare di gomma e serrarla sino a chiudere gli spazi.

Put FAS steel hose clamp on rubber collar of wall entry. Tighten screw until closure is obtained.



FAS Schlauchklemme auf Kragen aufsetzen. Schraube anziehen bis Abdichtung erfolgt.

Positioner le collier en acier FAS sur le collier élastique. Serrez la vis jusqu'à obtenir la fermeture.

PAS 90 - Passante assemblabile

Stagno IP67
Resistente al fuoco REI 120

Per la chiusura di passaggi di cavi attraverso pareti. Applicabile anche su cavi già installati. Combinabile con guarnizioni settoriali FIMO **GSR, GSE, GST**.

Materiale:

Corpo: EPDM nero
Flangia componibile: AISI 304
Fascetta: AISI 304

PAS 90 - Assembly Wall Entry

IP67 Waterproof
REI 120 Fire Resistant

To seal passages of cables, even when already installed. Combinable with FIMO **GSR, GSE, GST** cushions.

Waterproof IP 67
Fire resistant REI 120.

Material:

Gasket: Black EPDM
Flange: stainless steel AISI 304.
Hoseclamp: AISI 304



PAS 90 - Zusammenbaubare Wanddurchführung

Wasserdicht IP67
Feuerbeständig REI 120

Zum Abdichten von Kabeldurchführungen. Einsetzbar auch bei bereits verlegten Kabeln. Kombinierbar mit Sektordichtungen FIMO **GSR, GSE, GST**.

Material:

Korpus: EPDM schwarz
Flansche: V2A
Schlauchklemme: V2A

PAS 90 - Traversée de paroi à assembler

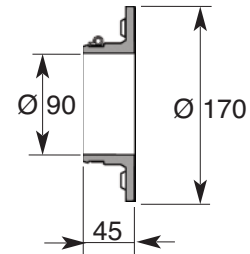
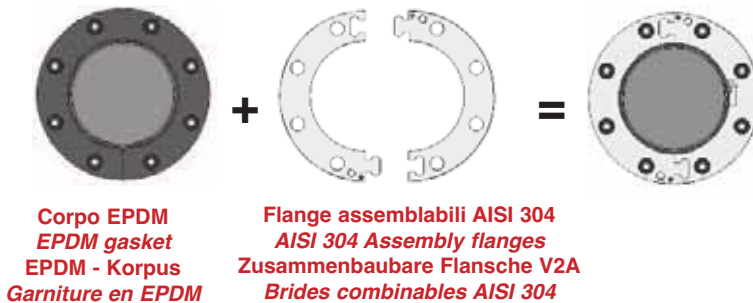
Étanche IP67
Résistante au feu REI 120

Pour étanchéifier des passages à travers des parois, même dans les cas où les câbles sont déjà installés. Combinable avec garnitures FIMO **GSR, GSE, GST**.

Étanche IP 67
Résistante au feu REI 120.

Matériel:

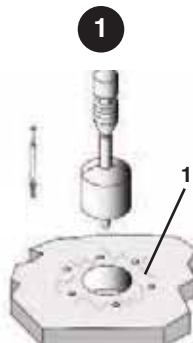
Corps: EPDM noir
Bride: acier Inox AISI 304
Collier: AISI 304



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggi Traces Durchgänge Passages | Foro parete/Wall hole Wandloch/Traversée | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|-----|----------------------------------|
| 1 LUS | 61 1513 0090 | PAS 90 | Ø 90 | Ø 92÷110 | 1 | 550 | |

Praticare un foro circolare Ø 90 ÷ 110 nella parete.
Praticare i fori per i tasselli o le viti di fissaggio.
Posizionare il passante **PAS** e fissarlo. In caso di notevole rugosità della parete, si spalmi del sigillante butilico **BUT 6 (1)** o del silicone tra piastra e parete.

*Drill a round hole Ø 90 ÷ 110 in the wall. Also drill holes for plugs or for fixing screws. Place the **PAS** Wall Entry in the right position and fix it to the wall. Should the wall surface be very rough, spread some **BUT 6 (1)** butilic putty or some silicone grease between plate and wall.*

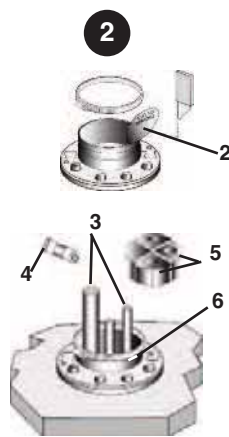


Durchgangsloch Ø 90 ÷ 110 in die Wand bohren.
Dübel- bzw. Schrauben-Löcher bohren, **PAS** auflegen und mittels Dübel oder Schrauben befestigen.
Wandunebenheiten mittels Butyl-Masse **BUT 6 (1)** oder Silikon Dichtungsmittel ausfüllen.

*Faire un trou de diamètre Ø 90 ÷ 110 dans la paroi. Percer des trous pour insérer les chevilles ou pour les vis de fixation aussi. Fixer la traversée à l'aide des vis. Au cas où la surface de la paroi est rugueuse, enduire de la pâte butylique **BUT 6 (1)** ou de la pâte de silicone entre la plaque et la paroi.*

Rimuovere la membrana di protezione (2) provvisoria di cui è munito il passante **PAS**. Infilare i cavi (3), applicare il lubrificante siliconico **LUS (4)** sulle pareti interne ed esterne delle guarnizioni settoriali (5), sui cavi (3) e all'interno del collare di EPDM (6).

*Remove the temporary protective sheet (2) on the collar of the **PAS** Wall Entry. Insert the cables (3), spread some **LUS (4)** silicone grease on the inside and outside surfaces of the sectorial cushions (5) to be inserted as well as on the cables (3) and on the inside of the EPDM collar (6).*

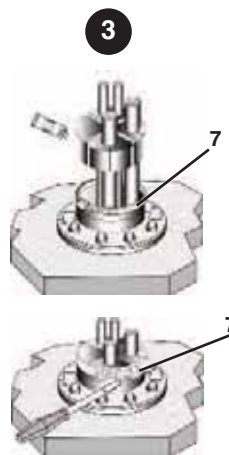


Schutzmembrane (2) der **PAS** Durchführung entfernen und Kabel (3) durchstecken.
Sektordichtungen (5), Kabel (3) und EPDM-Kragen Innen- seite (6) der Durchführung gut mit **LUS** Silikonfett (4) einfetten.

*Enlever la membrane de protection provisoire (2), de la traversée de paroi. Insérer les câbles (3). Enduire de la graisse de silicone **LUS (4)** sur les parois intérieures et extérieures des garnitures sectorielles (5) à insérer, ainsi que sur les câbles (3) et à l'intérieur du collier en EPDM (6).*

Applicare ai cavi le guarnizioni settoriali ed inserirle nel collare del passante **PAS**. L'installazione si completa con il serraggio a fondo della fascetta (7).

*Insert the sectorial cushions around the cables and introduce them in the **PAS** collar. Tightly lock the hose clamp (7).*



Sektor-Dichtungen in **PAS** Kragen einschieben.
Bandschelle (7), angemessen fest anziehen bis Dichtung erfolgt.

*Insérer les garnitures sur les câbles et les introduire dans le collier de la traversée de paroi **PAS**. L'installation se termine par le serrage du collier (7).*

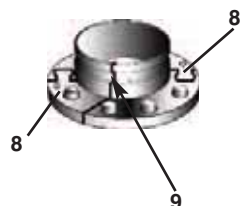
ATTENZIONE

Su cavi già preinstallati smontare le due semiflange (8) del **PAS**, tagliare radialmente il corpo di EPDM lungo la linea di demarcazione (9).

Si richiude il tutto e si completa il montaggio come sopra descritto.

SUGGESTION

*Should cables be already installed, **PAS** wall entry is to be installed dismantling first the two half flanges (8) del **PAS**, tagliare radialmente il corpo di EPDM lungo la linea di demarcazione (9), open the two parts to allow introduction, reclose and performe following the instructions above.*



ACHTUNG

Bei bereits verlegten Kabeln, Stahl-Halbflanschen (8) der **PAS** demontieren und EPDM-Körper seitlich (9) aufschneiden, und wieder aufsetzen. Stahlflanschen wieder zusammenbauen. Endmontage weiter wie oben beschrieben.

ATTENTION

*Les deux demi-brides (8) à assembler permettent l'utilisation de la traversée de paroi **PAS** même au cas où les câbles sont déjà installés. Dans ce cas la garniture en EPDM doit être coupée le long de la ligne guide (9) et après elle doit être refermée.*

PGA 4/90 - Passante a cappuccio
PGA 5/90 - Passante a cappuccio

Stagni IP67 - Resistenti al fuoco REI 120

Guarnizione di chiusura di passaggi di cavi.
Chiusura semplice con due fascette stringitubo.
Applicabile anche su cavi già installati.

Combinabile con guarnizioni settoriali FIMO®
GSR, GSE, GST.

PGA 4/90 su piastra con collare diam. 4" ①
e su tubi diam. 4" (mm 103 ÷ 105)

PGA 5/90 su piastra con collare diam. 5" ②
e su tubi diam. 5" (mm 128 ÷ 130)

Materiale:

Corpo: EPDM nero

Fascette: Acciaio inossidabile AISI 304



Linea per taglio radiale
Radial cut line
Radiale Schnittlinie
Ligne pour coupage radiale

PGA 4/90 - Haube Wanddurchführung
PGA 5/90 - Haube Wanddurchführung

Wasserdicht IP67 - Feuerbeständig REI 120

Verschlussdichtung für Kabeldurchführungen
Einfacher Verschluss mittels zwei Schlauchklemmen.
Einsetzbar auch bei bereits verlegten Kabeln.

Kombinierbar mit FIMO® Sektordichtungen **GSR, GSE, GST.**

PGA 4/90 Für Stahlplatte mit Kragen Durchm. 4" ①
und Rohre Durchm. 4" (103 ÷ 105 mm)

PGA 5/90 Für Stahlplatte mit Kragen Durchm. 5" ②
und Rohre Durchm. 5" (128 ÷ 130 mm)

Material:

Körper: EPDM schwarz

Schlauchklemmen: V2A

PGA 4/90 - Cap Wall Entry
PGA 5/90 - Cap Wall Entry

IP67 Waterproof - REI 120 Fire Resistant

Waterproof gasket to seal passages of cables,
even on installed ones.

Easy sealing by means of two hose clamps.

Combinable with **GSR, GSE, GST FIMO®** sectorial
cushions.

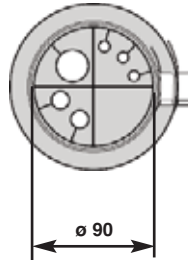
PGA 4/90 Steel Plate with collar diam. 4" ①
and diam. 4" tube (103 ÷ 105 mm)

PGA 5/90 Steel Plate with collar diam. 5" ②
and diam. 5" tube (128 ÷ 130 mm).

Material:

Gasket: Black EPDM

Hoseclamps: AISI 304 stainless steel



PGA 4/90 - Garniture à chapeau
PGA 5/90 - Garniture à chapeau

Étanches IP67 - Résistantes au feu REI 120

Garniture d'étanchéité à assembler, pour étanchéifier
des passages de câbles, même au cas où les câbles sont
déjà installés. Serrage facile par deux colliers.

Combinable avec garnitures sectorielles FIMO®
GSR, GSE, GST.

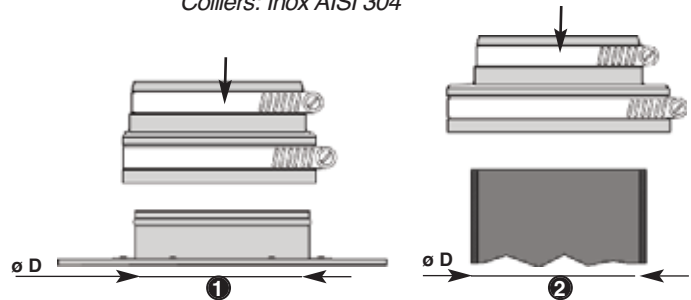
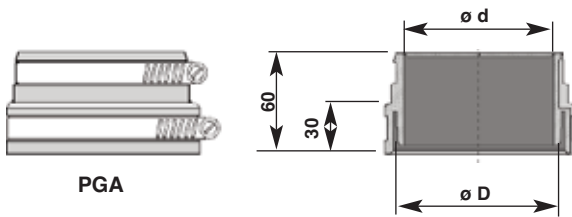
PGA 4/90 pour plaque avec collier diam. 4" ①
pour tubes de diam. 4" (103 ÷ 105 mm)

PGA 5/90 pour plaque avec collier diam. 5" ②
pour tubes de diam. 5" (128 ÷ 130 mm).

Matériel:

Corps: EPDM Noir

Colliers: Inox AISI 304

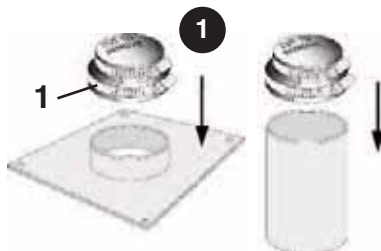


Esempi - Exemples - Beispiele - Exemples

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Passaggio ø d Trace ø d Durchgang ø d Passage ø d | ø D | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---------------|---|----|-----|----------------------------------|
| | 61 1513 0490 | PGA 4/90 | Ø 90 | 4" 103÷105 | 1 | 10 | 240 | |
| | 61 1513 0590 | PGA 5/90 | Ø 90 | 5" 128÷130 | 1 | 10 | 350 | |

Calzare il passante **PGA** (1) sul collare della piastra metallica o sul tubo e bloccarlo serrando a fondo la fascetta inferiore.

Put **PGA** (1) Wall Entry on the metal plate collar or on the tube and fix it by tightening the lower hose clamp.

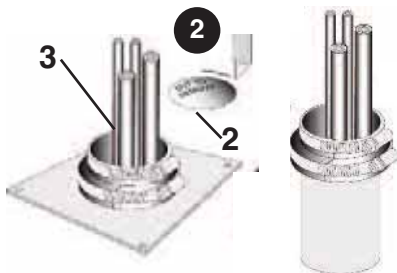


PGA - Durchführung (1) auf Öffnungskragen der Metallplatte oder Rohrende aufstülpen. Untere Schlauchklemme fest anziehen.

Enfiler la traversée de paroi **PGA** sur le collier de la plaque métallique ou bien sur le tube et le bloquer en serrant le collier inférieur (1).

Rimuovere la membrana di protezione provvisoria (2) di cui è munito il passaggio del **PGA** e infilare i cavi (3).

Remove the temporary protection sheet (2) from the **PGA** collar and insert the cables (3).

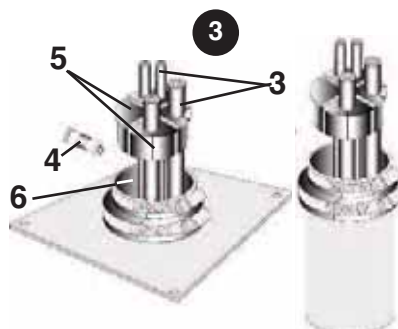


Verschlussmembrane (2) von der **PGA** Gummidurchführung entfernen und Kabel einführen (3).

Enlever la membrane (2) de protection temporaire dont le passage de la traversée de paroi **PGA** est muni, et passer les câbles (3).

Applicare il lubrificante **LUS** (4) sulle pareti interne ed esterne delle guarnizioni (5) e all'interno del passante **PGA** (6). Inserire le guarnizioni sui cavi e infilarle nel passante **PGA**.

Spread some **LUS** silicon lubricant (4) on the inside and outside surfaces of sectorial cushions to be inserted (5), as well as on the cables (3) and on inside of the **PGA**.

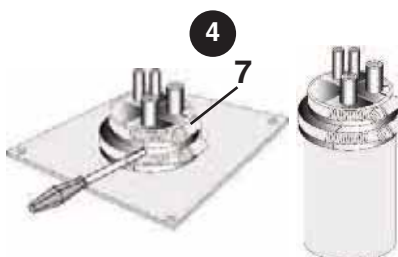


Silikonfett **LUS** (4) auf Kabeln und Sektordichtungen sowie in **PGA** - Öffnung auftragen. Sektordichtungen auf Kabeln aufsetzen und in die **PGA** - Öffnung einschieben.

Enduire la graisse **LUS** (4) sur les surfaces intérieures et extérieures des garnitures (5), et à l'intérieur du passage **PGA** (6). Introduire les garnitures dans la traversée **PGA**.

Bloccare il tutto serrando a fondo la fascetta superiore (7).

Tighten by means of the upper hose clamp (7).



Mittels Schraubenzieher die obere Schlauchklemme (7) fest anziehen.

Serrer la vis du collier supérieur (7).

ATTENZIONE

Per cavi preinstallati, si apra il passante **PGA** tagliandolo radialmente lungo la linea tracciata. Lo si richiuda attorno ai cavi, Serrare la fascetta inferiore (1).

WARNING

Should cables be already installed, **PGA** Wall Entry is to be radially cut along the marked line, and then re-closed by tightening the lower hose clamp (1).



ACHTUNG

Bei bereits verlegten Kabeln, **PGA** Wanddurchführung radial aufschneiden. Gummikörper aufsetzen und wieder zusammendrücken. Schlauchklemme (1) anziehen.

ATTENTION

Si les câbles sont déjà installés, couper la traversée de paroi **PGA** radialement le long de la ligne tracée. Refermer en serrant le collier inférieur (1).

GSR - GSE - GST
Guarnizioni settoriali

Per passaggi Ø 90 mm del PPS.
Per abbinare diverse misure di cavi.

Materiale: EPDM nero.



GSR - GSE - GST
Sektor Klemmprofile

Beliebig kombinierbar für verschiedene
Kabel in PPS mit Durchgängen Ø 90mm.

Material: EPDM schwarz.

GSR - GSE - GST
Sectorial Cushions

For Ø 90 mm holes of PPS
to combine different cable sizes.

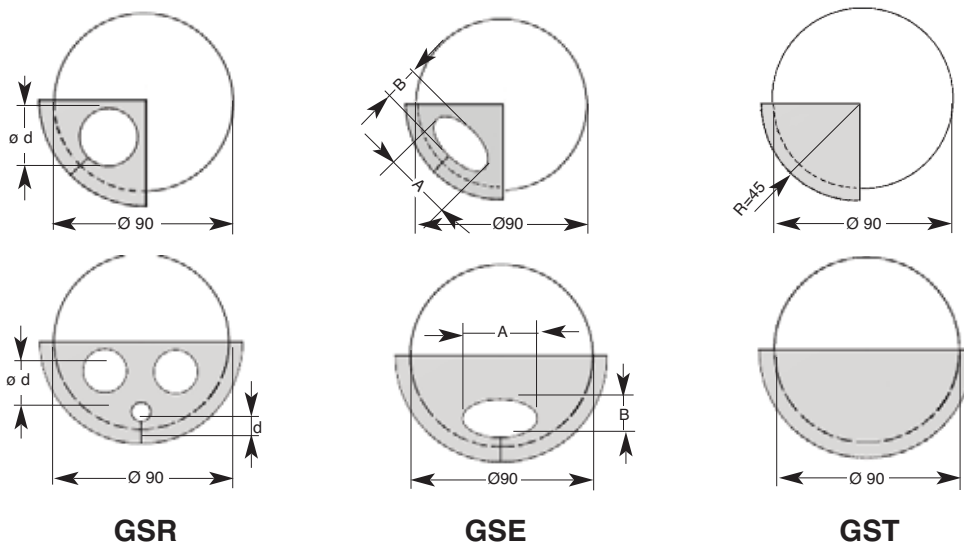
Material: EPDM black.



GSR - GSE - GST
Garnitures sectorielles

Pour passages Ø 90 mm des PPS,
combinables pour différents câbles.

Matériel: EPDM noir.



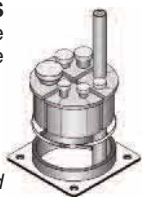
GSR

GSE

GST



Guarnizioni **GSR** assemblate in passante **PPS** con cavo coassiale e tappi **GTR** inseriti nelle guarnizioni **GSR**.

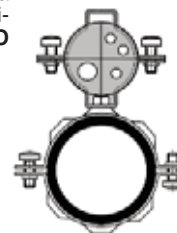


GSR cushions assembled in a **PPS** wall-entry, with a coax-cable and a **GTR** blind cushions fitted in a **GSR** cushions.

GSR Dichtungen kombiniert in eine **PPS** Wanddurchführung mit Koax-Kabel und **GTR** Stopfen in **GSR** Dichtungen.

Garnitures GSR, combinées dans une traversée **PPS** avec cable coaxial et garnitures **GTR** bouchon insérées dans des garnitures **GSR**.

Cavi coassiali fissati a palo mediante guarnizioni **GSR**, collare **GO** e collare **GOP**.



Coaxial cables fixed on pole with 4 **GSR** cushions, **GO** collar and **GOP** collar.

Koaxialkabel am Mast befestigt mittels 4 **GSR** - Dichtungen in **GO** Schelle und **GOP** Schelle.

Fixation de câbles coaxiaux avec garnitures **GSR** sur un poteau, par collier rond **GO** et collier **GOP**.

GSR - Guarnizioni settoriali

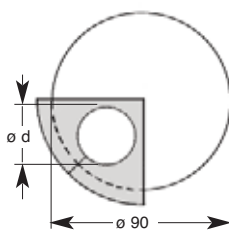
Guarnizioni settoriali a foro **tondo**, combinabili per passanti **PPS Ø 90**

Materiale: EPDM nero

GSR - Sectorial Cushions

Combinable Sectorial Cushions with **round** holes, for **PPS Ø 90**

Material: EPDM black



GSR - Sektor Dichtungen









Kombi-Sektor Dichtungen mit **rundem** Durchgang, für **PPS Ø 90**

Material: EPDM Schwarz

GSR - Garnitures par secteur

Garnitures avec passage **rond** pour traversée de paroi **PPS Ø 90**

Material: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per cavi For cables Für Kabel Pour câbles | Ø d | passaggi holes Durchgänge passages |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|-----------------|---|---|---|--|----------------------------------|
|  | 61 0490 1009 | GSR 1x9 | 8÷10 | 8÷10 | 1 | 10 | 50 | 88 | |
| | 61 0490 1014 | GSR 1x1/4"-(11) | 1/4" | 10÷12 | 1 | 10 | 50 | 86 | |
| | 61 0490 1013 | GSR 1x13 | 12÷14 | 12÷14 | 1 | 10 | 50 | 80 | |
| | 61 0490 1012 | GSR 1x1/2"-(17) | 1/2"-3/8" | 16÷18 | 1 | 10 | 50 | 76 | |
| | 61 0490 1019 | GSR 1x19 | 18÷20 | 18÷20 | 1 | 10 | 50 | 74 | |
| | 61 0490 1025 | GSR 1x25 | 24÷26 | 24÷26 | 1 | 10 | 50 | 70 | |
|  | 61 0490 1078 | GSR 1x7/8"-(28) | 7/8" | 27÷29 | 1 | 10 | 50 | 54 | |
| | 61 0490 2009 | GSR 2x9 | 8÷10 | 8÷10 | 2 | 10 | 50 | 80 | |
| | 61 0490 2014 | GSR 2x1/4"-(11) | 1/4" | 10÷12 | 2 | 10 | 50 | 78 | |
| | 61 0490 2013 | GSR 2x13 | 12÷14 | 12÷14 | 2 | 10 | 50 | 72 | |
|  | 61 0490 2012 | GSR 2x1/2"-(17) | 1/2"-3/8" | 16÷18 | 2 | 10 | 50 | 66 | |
| | 61 0490 3006 | GSR 3x6 | RG223 | 5÷7 | 3 | 10 | 50 | 80 | |
| | 61 0490 3008 | GSR 3x8 | RG223 | 7÷9 | 3 | 10 | 50 | 82 | |
|  | 61 0490 3014 | GSR 3x1/4"-(11) | 1/4" | 10÷12 | 3 | 10 | 50 | 85 | |
| | 61 0290 7814 | GSR 2x7/8" +1x1/4" | 7/8"+1/4" | 2x27÷29 1x10÷12 | 2+1 | 10 | 50 | 160 | |
| | 61 0290 7812 | GSR 2x7/8" +1x1/2" | 7/8"+1/2" | 2x27÷29 1x16÷18 | 2+1 | 10 | 50 | 160 | |
| | 61 0290 7813 | GSR 2x7/8" +1x14 | 7/8"+14 | 2x27÷29 1x10÷12 | 2+1 | 10 | 50 | 60 | |
| | 61 0290 7818 | GSR 2x7/8" +1x18 | 7/8"+18 | 2x27÷29 1x16÷18 | 2+1 | 10 | 50 | 160 | |
|  | 61 0290 2113 | GSR 2x21+1x13 | 20÷22+12÷14 | 2x20÷22 1x12÷14 | 2+1 | 10 | 50 | 160 | |
| | 61 0290 5009 | GSR 5x9 | 8÷10 | 8÷10 | 5 | 10 | 50 | 160 | |

GSE - Guarnizioni settoriali

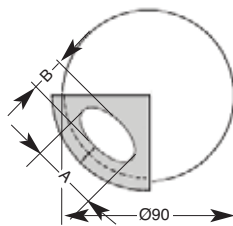
Guarnizioni settoriali a foro **ellittico**, combinabili per passanti **PPS Ø 90**

Materiale: EPDM nero

GSE - Sectorial Cushions

Combinable Sectorial Cushions with **elliptical** holes, for **PPS Ø 90**

Material: EPDM black



GSE - Sektor Dichtungen






Kombi-Sektor Dichtungen mit **elliptischem** Durchgang, für **PPS Ø 90**

Material: EPDM Schwarz

GSE - Garnitures par secteur

Garnitures avec passage **elliptiques**, pour traversée de paroi **PPS Ø 90**

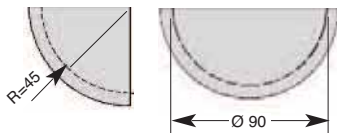
Material: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per guide d'onda ellittiche Für elliptische W.leiter For Elliptical Wave Guides Pour guides d'onde elliptiques | AxB | passaggi holes Durchgänge passages |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-------|---|---|---|--|----------------------------------|
|  | 61 0490 1150 | GSE 150 | E 150, EW 150 | 28x17 | 1 | 10 | 50 | 70 | |
| | 61 0490 1190 | GSE 190 | E 185, EW 180 | 20x12 | 1 | 10 | 50 | 74 | |
| | 61 0490 1220 | GSE 220 | E 220, EW 220 | 18x12 | 1 | 10 | 50 | 76 | |
| | 61 0490 1240 | GSE 240 | E 250, EW 240 | 16x11 | 1 | 10 | 50 | 80 | |
| | 61 0490 1300 | GSE 300 | E 300 | 14x10 | 1 | 10 | 50 | 85 | |
| | 61 0490 1380 | GSE 380 | E 380 | 12x9 | 1 | 10 | 50 | 90 | |
|  | 61 0290 1078 | GSE 78 | E 78 | 45x28 | 1 | 10 | 50 | 160 | |

GST - Guarnizioni tappo settoriali

Guarnizioni tappo **settoriali** per chiudere passaggi inutilizzati di passanti **PPS** \varnothing 90.

Materiale: EPDM nero



GST - Blind Sectorial Cushions

Blind Sectorial Cushions for the sealing of PPS empty holes.

Material: EPDM black

GST - Sektor Blindstopfen

Sektor Blindstopfen zum Abdichten von **PPS** Durchgängen.

Material: EPDM Schwarz

GST - Garnitures bouchons sectorielles

Garnitures bouchons sectorielles pour boucher les passages vides de PPS.

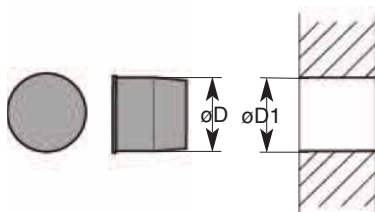
Material: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per passaggi For holes Für Löcher Pour passages | | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|--|--|--|--|-----------|----------------------------------|
| | 61 0490 1090 | GST 90 | \varnothing 90 | | | | | 10 50 78 | |
| | 61 0490 1180 | GST 180 | \varnothing 90 | | | | | 10 50 150 | |

GTR - Guarnizioni tappo tonde

Guarnizioni tappo **tonde** per chiudere passaggi inutilizzati.

Materiale: EPDM nero



GTR - Round blind Cushions

Round blind Cushions for capping unused holes.

Material: EPDM black

GTR - Runde Blindstopfen

Runde Blindstopfen zum Abdichten von Durchgängen.

Material: EPDM Schwarz

GTR - Garnitures bouchon rondes

Garnitures bouchon rondes pour boucher passages vides.

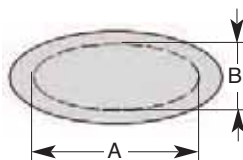
Material: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | \varnothing D | \varnothing D1 | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----------------|------------------|--|--|--|----------|----------------------------------|
| | 61 1000 1006 | GTR - 6 | 6 | 5÷6 | | | | 10 50 2 | |
| | 61 1000 1008 | GTR - 8 | 8 | 7÷8 | | | | 10 50 2 | |
| | 61 1000 1011 | GTR - 11 | 11 | 10÷11 | | | | 10 50 3 | |
| | 61 1000 1013 | GTR - 13 | 13 | 12÷13 | | | | 10 50 4 | |
| | 61 1000 1017 | GTR - 17 | 17 | 16÷17 | | | | 10 50 6 | |
| | 61 1000 1019 | GTR - 19 | 19 | 18÷19 | | | | 10 50 10 | |
| | 61 1000 1025 | GTR - 25 | 25 | 24÷25 | | | | 10 50 14 | |
| | 61 1000 1028 | GTR - 28 | 28 | 27÷28 | | | | 10 50 16 | |
| | 61 1000 1040 | GTR - 40 | 40 | 39÷40 | | | | 10 50 50 | |
| | 61 1000 1050 | GTR - 50 | 50 | 49÷50 | | | | 10 50 60 | |
| | 61 1000 1062 | GTR - 62 | 62 | 61÷62 | | | | 10 50 86 | |

GTE - Guarnizioni tappo ellittiche

Guarnizioni tappo **ellittiche** per chiudere passaggi ellittici inutilizzati.

Materiale: EPDM nero



GTE - Elliptic blind Cushions

Elliptic blind Cushions for capping unused elliptical holes.

Material: EPDM black

GTE - Elliptische Blindstopfen

Elliptische Blindstopfen zum Abdichten von elliptischen Durchgängen.

Material: EPDM Schwarz

GTE - Garnitures bouchon elliptiques

Garnitures bouchon elliptiques pour boucher passages elliptiques vides.

Material: EPDM noir

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | A x B | | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---------|--|--|--|--|----------|----------------------------------|
| | 61 1001 1220 | GTE 220 | 18 x 12 | | | | | 10 50 12 | |
| | 61 1001 1678 | GTE 78 | 45 x 28 | | | | | 10 50 45 | |

GRR - Guarnizioni tonde di riduzione

Con foro di passaggio tondo. Impiegabili in vari passanti a parete FIMO e su fissacavi vari.

Materiale: EPDM nero.



GRR - Round Reduction Cushions

For round through holes on FIMO Wallentries and various cable clamps.

Material: EPDM black.

GRR - Runde Reduzier-Dichtungen

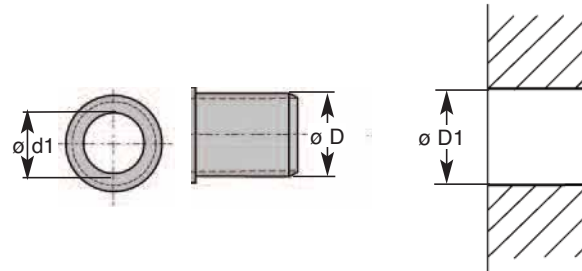
Mit rundem Innenprofil für FIMO Wanddurchführungen und verschiedene Kabelschellen.

Material: EPDM schwarz.

GRR - Garnitures rondes de réduction

Pour trous ronds de traversées FIMO, colliers et attaches.

Matériel: EPDM noir.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø D | Ø D1 | Passaggi Holes Durchgänge Passages | Ø d1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|--------|---|-------|----|----|-------|----------------------------------|
| Ø D = 16 | | | | | | | | | | |
| | 61 0828 1606 | GRR 1x 6-16 | 16 | 15÷16 | 1 | 5÷7 | 10 | 50 | 11 | |
| | 61 0828 1611 | GRR 1x 11-16 | 16 | 15÷16 | 1 | 10÷12 | 10 | 50 | 10 | |
| | 61 0828 1613 | GRR 1x 13-16 | 16 | 15÷16 | 1 | 12÷14 | 10 | 50 | 9 | |
| Ø D = 28 | | | | | | | | | | |
| | 61 0828 1016 | GRR 1x 16-28 | 28 | 26÷28 | 1 | 15÷17 | 10 | 50 | 40 | |
| | 61 0828 1020 | GRR 1x 20-28 | 28 | 26÷28 | 1 | 19÷21 | 10 | 50 | 38 | |
| | 61 0828 1022 | GRR 1x 22-28 | 28 | 26÷28 | 1 | 21÷23 | 10 | 50 | 37 | |
| Ø D = 40 | | | | | | | | | | |
| | 61 0838 1014 | GRR 1x 1/4" - 40 | 40 | 38÷40 | 1 | 10÷11 | 10 | 50 | 61 | |
| | 61 0838 1012 | GRR 1x 1/2" - 40 | 40 | 38÷40 | 1 | 16÷17 | 10 | 50 | 52 | |
| | 61 0838 1078 | GRR 1x 7/8" - 40 | 40 | 38÷40 | 1 | 27÷29 | 10 | 50 | 30 | |
| Ø D = 50 | | | | | | | | | | |
| | 61 0850 1040 | GRR 1x40 -50 | 50 | 48÷50 | 1 | 39÷40 | 10 | 50 | 40 | |
| Ø D = 62 | | | | | | | | | | |
| | 61 0862 1014 | GRR 1x 1/4" - 62 | 62 | 60÷62 | 1 | 10÷11 | 10 | 50 | 100 | |
| | 61 0862 1012 | GRR 1x 1/2" - 62 | 62 | 60÷62 | 1 | 16÷17 | 10 | 50 | 108 | |
| | 61 0862 1078 | GRR 1x 7/8" - 62 | 62 | 60÷62 | 1 | 27÷28 | 10 | 50 | 142 | |
| | 61 0862 1114 | GRR 1x 1.1/4" - 62 | 62 | 60÷62 | 1 | 39÷40 | 10 | 50 | 100 | |
| | 61 0862 1158 | GRR 1x 1.5/8" - 62 | 62 | 60÷62 | 1 | 50÷52 | 10 | 50 | 54 | |
| Ø D = 90 | | | | | | | | | | |
| | 61 0890 1118 | GRR 1x 1.1/8" - 90 | 90 | 88÷90 | 1 | 36÷38 | 10 | 50 | 275 | |
| | 61 0890 1114 | GRR 1x 1.1/4" - 90 | 90 | 88÷90 | 1 | 39÷40 | 10 | 50 | 265 | |
| | 61 0890 1158 | GRR 1x 1.5/8" - 90 | 90 | 88÷90 | 1 | 50÷52 | 10 | 50 | 248 | |
| | 61 0890 1214 | GRR 1x 2.1/4" - 90 | 90 | 88÷90 | 1 | 59÷60 | 10 | 50 | 240 | |
| | 61 0890 1062 | GRR 1x 62 - 90 | 90 | 88÷90 | 1 | 60÷62 | 10 | 50 | 238 | |
| | 61 0890 1300 | GRR 1x 3" - 90 | 90 | 88÷90 | 1 | 75÷77 | 10 | 50 | 210 | |
| Ø D = 100 | | | | | | | | | | |
| | 61 0899 1062 | GRR 1x 62 - 100 | 100 | 98÷100 | 1 | 62 | 10 | 50 | 324 | |



GRR - Guarnizioni multiforo

Impiegabili in passanti a parete FIMO e su fissacavi e collari vari.

Material: EPDM nero.



GRR - Round Multiple Cushions

For FIMO wall entries, or cable clamps and round collars.

Material: EPDM black.

GRR - Runde Mehr-Kabel Dichtungen

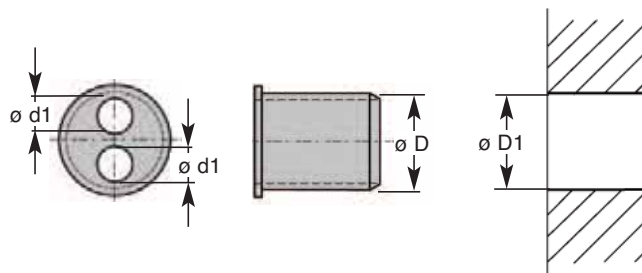
Für FIMO Wanddurchführungen, Kabelschellen und Rundschellen.

Material: EPDM schwarz.

GRR - Garnitures rondes multiples

Pour traversée de paroi FIMO ou attaches et colliers ronds.

Matériel : EPDM noir.



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | $\varnothing D$ | $\varnothing D1$ | Passaggi Holes Durchgänge Passages | $\varnothing d1$ | | | g | Prezzo Price Preis Prix | |
|---|--|---|-----------------|------------------|---|------------------|----|-----|-------|----------------------------------|--|
| x 2 | $\varnothing D = 28$ | | | | | | | | | | |
| | 61 0828 2007 | GRR 2x 7-28 | 28 | 26÷28 | 2 | 7÷8 | 10 | 50 | 37 | | |
| | 61 0828 2008 | GRR 2x 8-28 | 28 | 26÷28 | 2 | 8÷9 | 10 | 50 | 37 | | |
| | 61 0828 2011 | GRR 2x 11-28 | 28 | 26÷28 | 2 | 10÷12 | 10 | 50 | 35 | | |
| | $\varnothing D = 40$ | | | | | | | | | | |
| | 61 0838 2014 | GRR 2x 1/4"-40 | 40 | 38÷40 | 2 | 10÷11 | 10 | 50 | 38 | | |
| | $\varnothing D = 62$ | | | | | | | | | | |
| | 61 0862 2014 | GRR 2x 1/4"-62 | 62 | 60÷62 | 2 | 10÷11 | 10 | 50 | 124 | | |
| | 61 0862 2012 | GRR 2x 1/2"-62 | 62 | 60÷62 | 2 | 16÷17 | 10 | 50 | 124 | | |
| | 61 0862 2078 | GRR 2x 7/8"-62 | 62 | 60÷62 | 2 | 27÷28 | 10 | 50 | 102 | | |
| x 3 x 3 x 4 | $\varnothing D = 62$ | | | | | | | | | | |
| | 61 0862 3012 | GRR 3x 1/2"-62 | 62 | 60÷62 | 3 | 16÷17 | 10 | 50 | 128 | | |
| | 61 0862 3078 | GRR 3x 7/8"-62 | 62 | 60÷62 | 3 | 27÷28 | 10 | 50 | 74 | | |
| 61 0862 4014 | GRR 4x 1/4"-62 | 62 | 60÷62 | 4 | 10÷11 | 10 | 50 | 142 | | | |
| x 4 | $\varnothing D = 90$ | | | | | | | | | | |
| | 61 0890 4078 | GRR 4x 7/8"-90 | 90 | 88÷90 | 4 | 27÷28 | 10 | 50 | 218 | | |

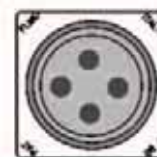
sRF + GRR



GO+ GRR



PPS + GRR



GRE - Guarnizioni ellittiche

Con foro di passaggio ellittico, per guide d'onda.
Impiegabili in passanti a parete FIMO e su fissa-
cavi vari.

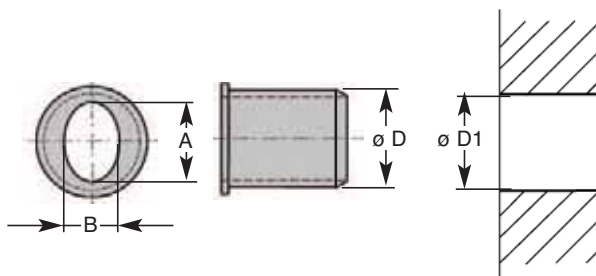
Materiale: EPDM nero.



GRE - Elliptical Cushions

With elliptical holes for wave guides.
Suitable to different FIMO wall entries and
various cable clamps.

Material: EPDM black.



GRE - Elliptische Klemmprofile

Mit elliptischem Innenprofil für Hohlleiter.
Verwendbar in FIMO Wanddurchführungen und
mit verschiedenen Kabelschellen.

Material: EPDM schwarz.

GRE - Garnitures elliptiques

Profil intérieur elliptique pour guides d'ondes.
A utiliser avec traversée de paroi et fixations
FIMO.

Matériel: EPDM noir.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ∅ D | ∅ D1 | Passaggi Holes Durchgänge Passages | AxB | Guide d'onda Wave guides Hohlleiter Guides d'ondes | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|-------|---|-------|---|----|----|-------|----------------------------------|
| ∅ D = 16 | | | | | | | | | | | |
| | 61 1016 1380 | GRE 1x 380 - 16 | 16 | 15÷16 | 1 | 12x9 | E 380 | 10 | 50 | 11 | |
| ∅ D = 28 | | | | | | | | | | | |
| | 61 1028 1150 | GRE 1x 150 - 28 | 28 | 26÷28 | 1 | 26x16 | E 150, EW 127, EW 127A | 10 | 50 | 40 | |
| | 61 1028 1190 | GRE 1x 190 - 28 | 28 | 26÷28 | 1 | 20x12 | E 190, E 185 | 10 | 50 | 40 | |
| | 61 1028 1220 | GRE 1x 220 - 28 | 28 | 26÷28 | 1 | 18x12 | E 220 | 10 | 50 | 40 | |
| | 61 1028 1250 | GRE 1x 250 - 28 | 28 | 26÷28 | 1 | 16x11 | E 250, EW 240 | 10 | 50 | 50 | |
| | 61 1028 1300 | GRE 1x 300 - 28 | 28 | 26÷28 | 1 | 14x10 | E 300 | 10 | 50 | 60 | |
| | 61 1028 1380 | GRE 1x 380 - 28 | 28 | 26÷28 | 1 | 12x9 | E 380 | 10 | 50 | 60 | |
| ∅ D = 40 | | | | | | | | | | | |
| | 61 0800 1040 | GRE 1x 100 - 40 | 40 | 38÷40 | 1 | 34x24 | E 100 | 10 | 50 | 44 | |
| | 61 1038 1090 | GRE 1x 90 - 40 | 40 | 38÷40 | 1 | 33x20 | E 105, EW 90 | 10 | 50 | 44 | |
| | 61 1038 1130 | GRE 1x 130 - 40 | 40 | 38÷40 | 1 | 29x18 | E 130 | 10 | 50 | 40 | |
| | 61 1038 1132 | GRE 1x 132 - 40 | 40 | 38÷40 | 1 | 24x15 | EW 132 | 10 | 50 | 46 | |
| | 61 1038 1150 | GRE 1x 150 - 40 | 40 | 38÷40 | 1 | 28x17 | E 150, EW 127, EW 127A | 10 | 50 | 42 | |
| | 61 1038 1180 | GRE 1x 180 - 40 | 40 | 38÷40 | 1 | 20x12 | EW 180 | 10 | 50 | 54 | |
| | 61 1038 1190 | GRE 1x 190 - 40 | 40 | 38÷40 | 1 | 21x13 | E 190, E185 | 10 | 50 | 50 | |
| | 61 1038 1220 | GRE 1x 220 - 40 | 40 | 38÷40 | 1 | 18x12 | E 220, EW 220 | 10 | 50 | 56 | |
| | 61 1038 1240 | GRE 1x 240 - 40 | 40 | 38÷40 | 1 | 16x11 | E 250, EW 240 | 10 | 50 | 58 | |
| | 61 1038 1300 | GRE 1x 300 - 40 | 40 | 38÷40 | 1 | 14x10 | E 300 | 10 | 50 | 60 | |
| | 61 1038 1380 | GRE 1x 380 - 40 | 40 | 38÷40 | 1 | 12x9 | E 380 | 10 | 50 | 60 | |
| ∅ D = 50 | | | | | | | | | | | |
| | 61 1050 1078 | GRE 1x 77/78 - 50 | 50 | 48÷50 | 1 | 45x26 | E 78, EW 77 | 10 | 50 | 60 | |
| | 61 1050 1080 | GRE 1x 80 - 50 | 50 | 48÷50 | 1 | 40x28 | E 80 | 10 | 50 | 65 | |
| | 61 1050 1100 | GRE 1x100 - 50 | 50 | 48÷50 | 1 | 34x24 | E 100 | 10 | 50 | 72 | |
| | 61 1050 1105 | GRE 1x105 - 50 | 50 | 48÷50 | 1 | 33x20 | E 105, EW 85, EW 90 | 10 | 50 | 80 | |

GRE - Guarnizioni ellittiche

Con foro di passaggio ellittico, per guide d'onda. Impiegabili in passanti a parete FIMO e su fissacavi vari.

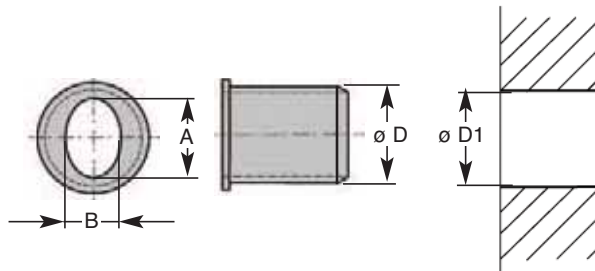
Materiale: EPDM nero.



GRE - Elliptical Cushions

With elliptical holes for wave guides. Suitable to different FIMO wall entries and various cable clamps.

Material: EPDM black.



GRE - Elliptische Klemmprofile

Mit elliptischem Innenprofil für Hohlleiter. Verwendbar in FIMO Wanddurchführungen und mit verschiedenen Kabelschellen.

Material: EPDM schwarz.

GRE - Garnitures elliptiques

Profil intérieur elliptique pour guides d'ondes. A utiliser avec traversée de paroi et fixations FIMO.

Matériel: EPDM noir.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | ø D1 | Passaggi Holes Durchgänge Passages | AxB | Guide d'onda Wave guides Hohlleiter Guides d'ondes | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|--------|---|-------|---|----|----|-----|---|----------------------------------|
| ø D = 62 | | | | | | | | | | | | |
| | 61 1062 1048 | GRE 1x 48 - 62 | 62 | 60÷62 | 1 | 57x43 | E 48 | 10 | 50 | 62 | | |
| | 61 1062 1052 | GRE 1x 52 - 62 | 62 | 60÷62 | 1 | 57x33 | EW 52 | 10 | 50 | 94 | | |
| | 61 1062 1054 | GRE 1x 54 - 62 | 62 | 60÷62 | 1 | 55x38 | E 54 | 10 | 50 | 92 | | |
| | 61 1062 1058 | GRE 1x 58 - 62 | 62 | 60÷62 | 1 | 57x33 | E 58 | 10 | 50 | 88 | | |
| | 61 1062 1060 | GRE 1x 60 - 62 | 62 | 60÷62 | 1 | 56x33 | E 60 | 10 | 50 | 88 | | |
| | 61 1062 1062 | GRE 1x 62 - 62 | 62 | 60÷62 | 1 | 49x33 | E 62 | 10 | 50 | 105 | | |
| | 61 1062 1063 | GRE 1x 63/65 - 62 | 62 | 60÷62 | 1 | 51x29 | EW 63, E 65 | 10 | 50 | 102 | | |
| | 61 1062 1064 | GRE 1x 64 - 62 | 62 | 60÷62 | 1 | 48x28 | EW 64 | 10 | 50 | 108 | | |
| | 61 1062 1070 | GRE 1x 70 - 62 | 62 | 60÷62 | 1 | 48x28 | E 70 | 10 | 50 | 108 | | |
| | 61 1062 1077 | GRE 1x 77/78 - 62 | 62 | 60÷62 | 1 | 43x25 | E 78, EW 77 | 10 | 50 | 116 | | |
| | 61 1062 1105 | GRE 1x105 - 62 | 62 | 60÷62 | 1 | 33x20 | E 105, EW 85, EW90 | 10 | 50 | 138 | | |
| | 61 1062 1130 | GRE 1x130 - 62 | 62 | 60÷62 | 1 | 29x18 | E 130 | 10 | 50 | 146 | | |
| | 61 1062 1150 | GRE 1x150 - 62 | 62 | 60÷62 | 1 | 28x17 | E 150, EW 127, EW 127A | 10 | 50 | 138 | | |
| | 61 1062 1190 | GRE 1x190 - 62 | 62 | 60÷62 | 1 | 21x13 | E 190, E 185 | 10 | 50 | 120 | | |
| ø D = 90 | | | | | | | | | | | | |
| | 61 1090 1037 | GRE 1x 37/46 - 90 | 90 | 88÷90 | 1 | 72x46 | EW 37, E46 | 10 | 20 | 254 | | |
| | 61 1090 1038 | GRE 1x 38 - 90 | 90 | 88÷90 | 1 | 84x48 | E 38 | 10 | 20 | 214 | | |
| ø D = 100 | | | | | | | | | | | | |
| | 61 1100 1038 | GRE 1x 38 - 100 | 100 | 98÷100 | 1 | 84x51 | E 38 | 10 | 20 | 244 | | |



GRE - Guarnizioni ellittiche doppie

Con foro di passaggio ellittico, per guide d'onda. Impiegabili in passanti a parete FIMO e su fissacavi vari.

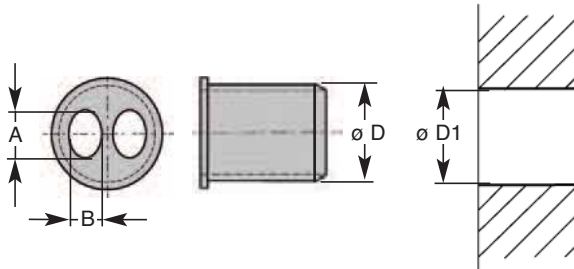
Materiale: EPDM nero.



GRE - Double Elliptical Cushions

With elliptical holes for wave guides. Suitable to different FIMO wall entries and various cable clamps.

Material: EPDM black.



GRE - Zwilling Elliptische Klemmprofile

Mit elliptischem Innenprofil für Hohlleiter. Verwendbar in FIMO Wanddurchführungen und mit verschiedenen Kabelschellen.

Material: EPDM schwarz.

GRE - Garnitures élliptiques

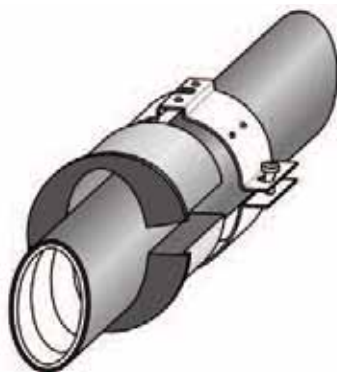
Profil intérieur élliptique pour guides d'ondes. A utiliser avec traversée de paroi et fixations FIMO.

Matériel: EPDM noir.

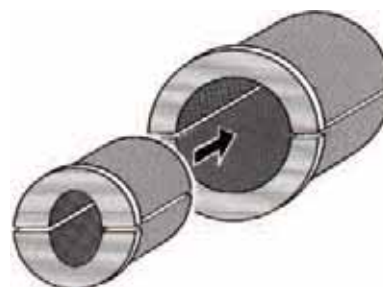
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | ø D1 | Passaggi Holes Durchgänge Passages | AxB | Guide d'onda Wave guides Hohlleiter Guides d'ondes | | | g | Prezzo Price Preis Prix | |
|---|---------------------------------------|---|-------|-------|---|-----------------------|---|----|----|-------|----------------------------------|--|
| ø D = 40 | | | | | | | | | | | | |
| | 61 1038 2180 | GRE 2x 180 - 40 | 40 | 38÷40 | 2 | 20x12 | — — | 10 | 50 | 44 | | |
| | 61 1038 2190 | GRE 2x 190 - 40 | 40 | 38÷40 | 2 | 21x14 | E 190, E185, EW 180 | 10 | 50 | 38 | | |
| | 61 1038 2220 | GRE 2x 220 - 40 | 40 | 38÷40 | 2 | 18x12 | E 220, EW 220 | 10 | 50 | 43 | | |
| | 61 1038 2380 | GRE 2x 380 - 40 | 40 | 38÷40 | 2 | 12x9 | E 380 | 10 | 50 | 48 | | |
| | ø D = 50 | | | | | | | | | | | |
| | 61 1050 2105 | GRE 2x105 - 50 | 50 | 48÷50 | 2 | 33x20 | E 105, EW 85, EW90 | 10 | 50 | 80 | | |
| 61 1050 2130 | GRE 2x130 - 50 | 50 | 48÷50 | 2 | 29x18 | E 130 | 10 | 50 | 64 | | | |
| 61 1050 2150 | GRE 2x 150 - 50 | 50 | 48÷50 | 2 | 28x17 | E 150, EW 127, EW127A | 10 | 50 | 76 | | | |



sRF + GRE



GO + GRE



GRE + GRR

GRQ - Guarnizioni quadre

Profilo interno rettangolare per guide d'onda rettangolari, impiegabili in combinazione con fissacavi e collari FIMO.

Materiale: EPDM nero.



GRQ - Rechteckige Klemmprofile

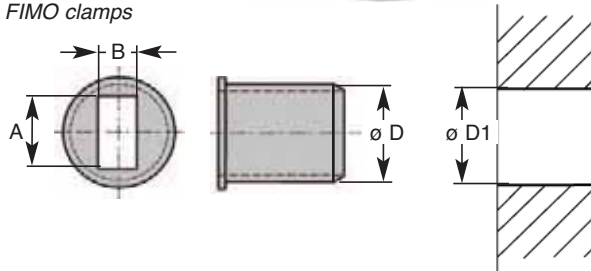
Rechteckiges Innenprofil für rechteckige Hohlleiter, verwendbar mit FIMO Kabel-Schellen.

Material: EPDM Schwarz.

GRQ - Rectangular Cushions

Rectangular internal Profile for rectangular waveguides, in combination with FIMO clamps and collars.

Material: EPDM black.



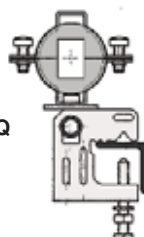
GRQ - Garnitures rectangulaires

Profil intérieur rectangulaire pour guide d'ondes rectangulaires à utiliser avec fixations FIMO et colliers.

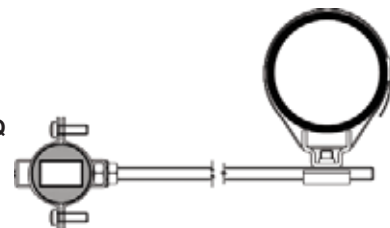
Matériel: EPDM noir.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | ø D | ø D1 | Passaggi Holes Durchgänge Passages | AxB | Guide d'onda Wave guides Hohlleiter Guides d'ondes | | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-----|-------|---|-------|---|----|----|-----|---|----------------------------------|
| ø D = 40 | | | | | | | | | | | | |
| | 61 0938 1109 | GRQ 11x 9-40 | 40 | 38÷40 | 1 | 11x9 | R320 | 10 | 50 | 60 | | |
| | 61 0938 1307 | GRQ 13x 7-40 | 40 | 38÷40 | 1 | 13x7 | R220 | 10 | 50 | 60 | | |
| | 61 0938 1509 | GRQ 15x 9- 40 | 40 | 38÷40 | 1 | 15x9 | R180 | 10 | 50 | 58 | | |
| | 61 0938 1610 | GRQ 16x10-40 | 40 | 38÷40 | 1 | 16x10 | R220 | 10 | 50 | 56 | | |
| | 61 0938 1912 | GRQ 19x12-40 | 40 | 38÷40 | 1 | 19x12 | R220 | 10 | 50 | 52 | | |
| | 61 0938 2013 | GRQ 20x13-40 | 40 | 38÷40 | 1 | 20x13 | R180 | 10 | 50 | 48 | | |
| | 61 0938 2313 | GRQ 23x13-40 | 40 | 38÷40 | 1 | 23x13 | R140 | 10 | 50 | 48 | | |
| | 61 0938 2515 | GRQ 25x15-40 | 40 | 38÷40 | 1 | 25x15 | R120 | 10 | 50 | 45 | | |
| | 61 0938 2819 | GRQ 28x19-40 | 40 | 38÷40 | 1 | 28x19 | R120 | 10 | 50 | 45 | | |
| | 61 0938 3117 | GRQ 31x17-40 | 40 | 38÷40 | 1 | 31x17 | R100 | 10 | 50 | 34 | | |
| | 61 0938 3216 | GRQ 32x16-40 | 40 | 38÷40 | 1 | 32x16 | R84 | 10 | 50 | 42 | | |
| | ø D = 50 | | | | | | | | | | | |
| | 61 0950 3819 | GRQ 38x19-50 | 50 | 48÷50 | 1 | 38x19 | R84 | 10 | 50 | 72 | | |
| ø D = 62 | | | | | | | | | | | | |
| | 61 0962 4525 | GRQ 45x25-62 | 62 | 60÷62 | 1 | 45x25 | R 70 | 10 | 50 | 110 | | |
| | 61 0962 5127 | GRQ 51x27-62 | 62 | 60÷62 | 1 | 51x27 | R 48 | 10 | 50 | 85 | | |
| ø D = 90 | | | | | | | | | | | | |
| | 61 0990 6233 | GRQ 62x33-90 | 90 | 88÷90 | 1 | 62x33 | R 40 | 10 | 20 | 296 | | |

MBM + GO + GRQ



GO + GRQ



SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

5

Combinazioni di fissacavi con guarnizioni

Fissaggi di cavi coassiali RF, guide d'onda
cavi di potenza e fibre ottiche.

Kombination von Schellen mit Dichtungen

Verlegung von RF Koaxkabeln, Wellenleitern,
Elektrokabeln und Lichtwellenleitern.

Combination of Clamps with cushions

Fixings of RF Coaxial Cables, Wave Guides
Electrical Cables and Fiber Optics.

Combinaison de attaches avec garnitures

Fixation de cables coaxiaux RF, guides d'ondes
cables electriques et fibres optiques.



FAU + BAC + GO + GRQ



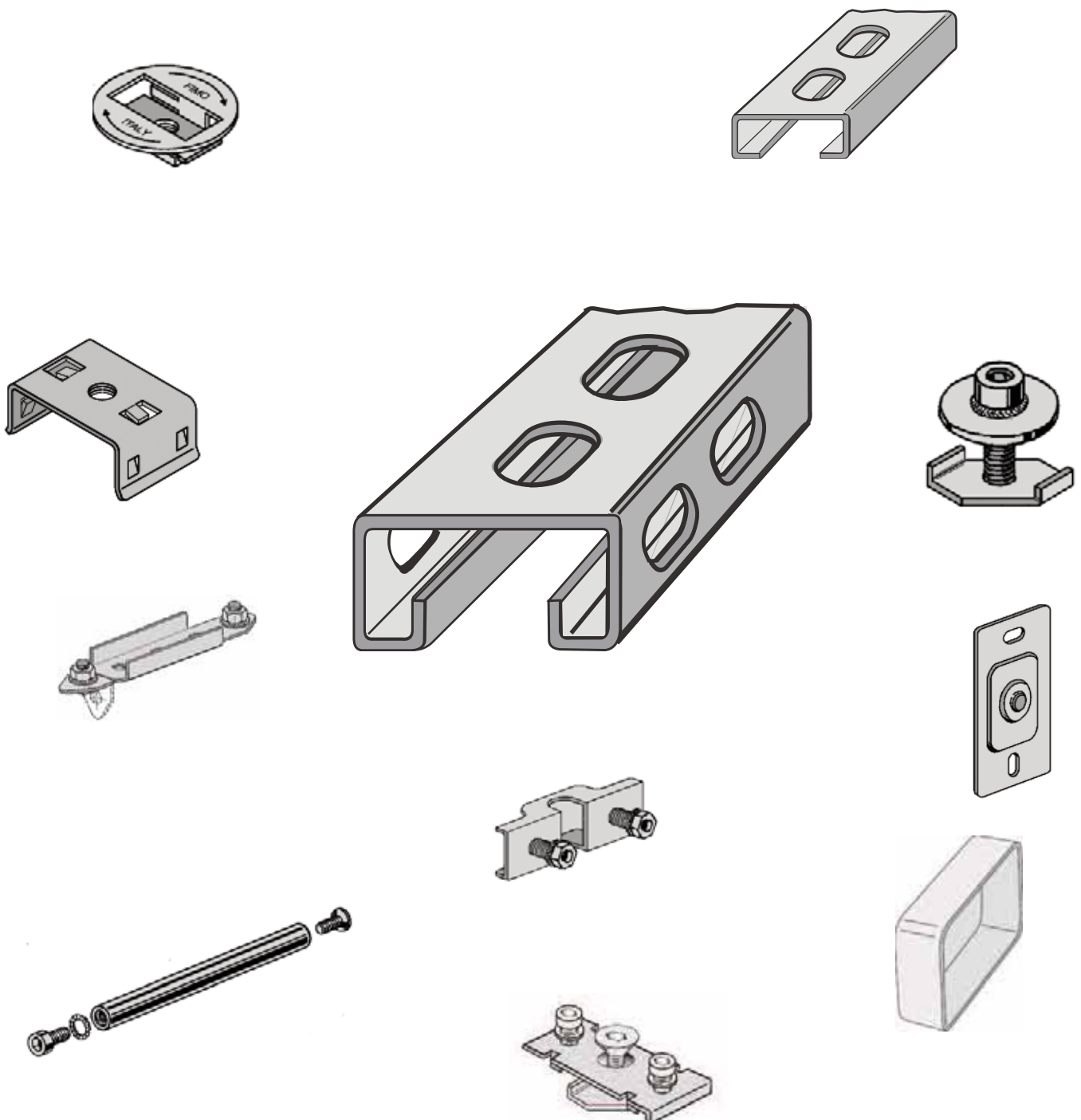
OXM + GRR



UCC + GRR

Profilati e accessori
Sections and Accessories

Stahlprofile und Zubehör
Profils et accessoires

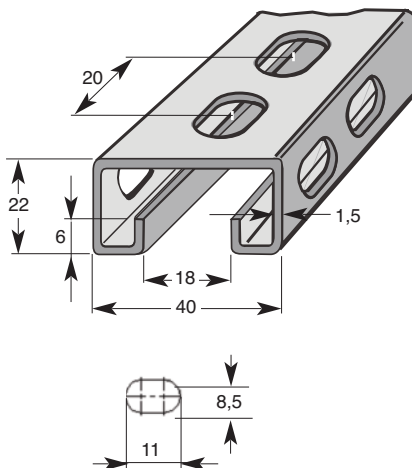


Profilati di acciaio inox AISI 304
AISI 304 Stainless Steel Sections

Edelstahlprofile V2A
Profils en acier inox AISI 304

PCI 3000 B

Profilato 40x22x1,5x3000,
asolato 8,5x11 su tre lati
*40x22x1,5x3000 section,
8,5x11 holes on three sides*

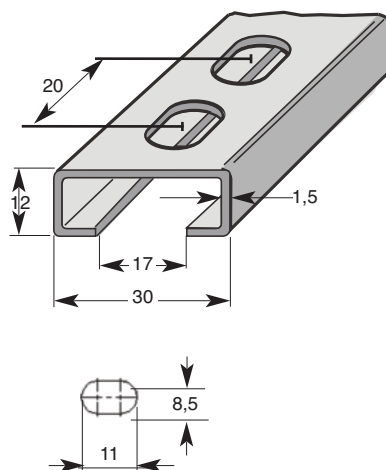


PCI 3000 B

Profil 40x22x1,5x3000
3-seitige Lochung 8,5x11
*Profilé 40x22x1,5x3000,
trous 8,5x11 sur trois côtés*




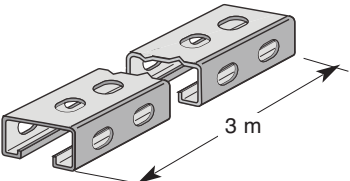
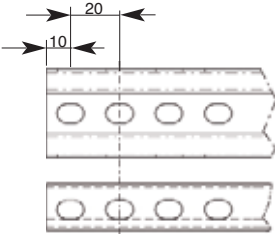
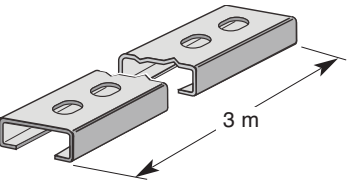
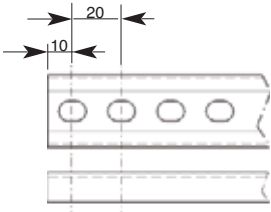
PSI 3000 B

Profilato 30x12x1,5x3000
asolato 8,5x11
*30x12x1,5x3000 section
8,5x11 holes*



PSI 3000 B

Profil 30x12x1,5x3000
Langlöcher 8,5x11
*Profilé 30x12x1,5x3000
trous 8,5x11*

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | L mm | Descrizione Description Beschreibung Description |  |  | g  | Prezzo m Price m Preis m Prix m |
|--|---------------------------------------|---|---------|--|---|---|--|--|
|  <p>PCI 3000 B (40x22)</p>  | 61 4022 3002 | PCI 3000 B | 3000 | <p>Profilato 40x22x1,5x3000 Asole 8,5x11 su base e fianchi</p> <p><i>Section 40x22x1,5x3000 Holes 8,5x11 on base and sides</i></p> <p>Profil 40x22x1,5x3000 Langlöcher 8,5x11 unten und seitlich</p> <p><i>Profilé 40x22x1,5x3000 Trous 8,5x11 sur base et côtés</i></p> | 1 (=3m) barra bar Stange barre | 6 (=18m) barre bars Stangen barres | 1.130/m | |
|  <p>PSI 3000 B (30x12)</p>  | 61 3012 3002 | PSI 3000 B | 3000 | <p>Profilato 30x12x1,5x3000 Asole 8,5x11 su base</p> <p><i>Section 30x12x1,5x3000 Holes 8,5x11 on base</i></p> <p>Profil 30x12x1,5x3000 Langlöcher 8,5x11, unten</p> <p><i>Profilé 30x12x1,5x3000 Trous 8,5x11 sur base</i></p> | 1 (=3m) barra bar Stange barre | 6 (=18m) barre bars Stangen barres | 550/m | |

PCI..B - Spezzoni di profilato asolato

Profilato 40x22x1,5
Asole 8,5x11 sulla base e sui fianchi

Materiale:

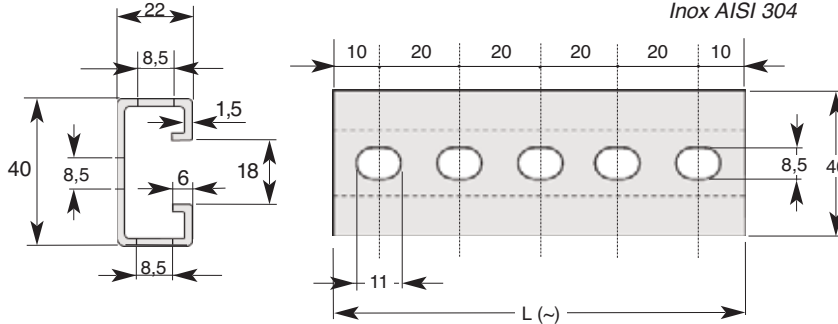
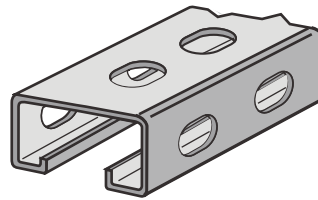
Acciaio inossidabile AISI 304

PCI..B - Punched Cut Down Size Sections

Stainless steel section 40x22x1,5
Holes 8,5x11 on base and sides

Material:

AISI 304 stainless steel



PCI..B - Gelochte Profil-Abschnitte

Stahlprofil 40x22x1,5
Langlöcher 8,5x11, unten und seitlich

Material:

Stahl AISI 304 (V2A)

PCI..B - Grenades de profilé troué

Profilé inox 40x22x1,5
Trous 8,5x11 sur base et côtés

Matériel:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | L (~) | Descrizione Description Beschreibung Description | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------|---|--|--|-------|----------------------------------|
| | 61 4022 5100 | PCI 100 B | 100 | 5 asole 8,5x11 5 Löcher 8,5x11 5 holes 8,5x11 5 trous 8,5x11 | | | 20 | 110 |
| | 61 4022 5140 | PCI 140 B | 140 | 7 asole 8,5x11 7 Löcher 8,5x11 7 holes 8,5x11 7 trous 8,5x11 | | | 20 | 155 |
| | 61 4022 5180 | PCI 180 B | 180 | 9 asole 8,5x11 9 Löcher 8,5x11 9 holes 8,5x11 9 trous 8,5x11 | | | 20 | 198 |
| | 61 4022 5220 | PCI 220 B | 220 | 11 asole 8,5x11 11 Löcher 8,5x11 11 holes 8,5x11 11 trous 8,5x11 | | | 20 | 242 |
| | 61 4022 5300 | PCI 300 B | 300 | 15 asole 8,5x11 15 Löcher 8,5x11 15 holes 8,5x11 15 trous 8,5x11 | | | 20 | 330 |
| | 61 4022 5400 | PCI 400 B | 400 | 20 asole 8,5x11 20 Löcher 8,5x11 20 holes 8,5x11 20 trous 8,5x11 | | | 20 | 440 |
| | 61 4022 5500 | PCI 500 B | 500 | 25 asole 8,5x11 25 Löcher 8,5x11 25 holes 8,5x11 25 trous 8,5x11 | | | 20 | 550 |
| | 61 4022 5600 | PCI 600 B | 600 | 30 asole 8,5x11 30 Löcher 8,5x11 30 holes 8,5x11 30 trous 8,5x11 | | | 20 | 600 |
| | 61 4022 5015 | PCI 1500 B | 1500 | 75 asole 8,5x11 75 Löcher 8,5x11 75 holes 8,5x11 75 trous 8,5x11 | | | 6 | 1650 |



Esempi di installazione. Installation examples. Montagebeispiele. Exemples d'installation.

SOLUZIONI PER L'INSTALLAZIONE **SOLUTIONS FOR INSTALLATIONS** **LÖSUNGEN FÜR INSTALLATIONEN** **SOLUTIONS POUR L'INSTALLATION**

PSI..B - Spezzoni di profilato asolato

Profilato 30x12x1,5
Asole 8,5x11 su base

Materiale:

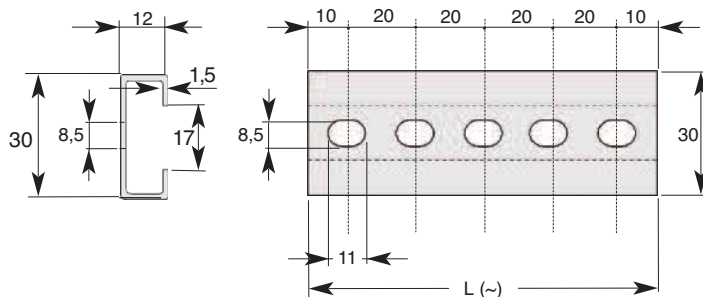
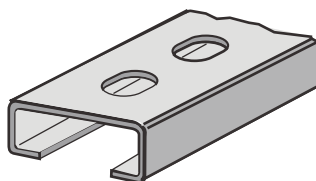
Acciaio inossidabile AISI 304

PSI..B - Punched Cut Down Size Sections

Stainless steel sections 30x12x1,5
Holes 8,5x11 on base

Material:

AISI 304 stainless steel



PSI..B - Gelochte Profil Abschnitte

Stahlprofile 30x12x1,5 mit
Langlöcher 8,5x11, unten

Material:

Stahl AISI 304 (V2A)

PSI..B - Grenades de profilé troué

Profilé inox 30x12x1,5
Trous 8,5x11 sur la base

Matériel:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | L (~) | Descrizione Description Beschreibung Description | | | 9 | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------|---|--|--|-------|----------------------------------|
| | 61 3012 5100 | PSI 100 B | 100 | 5 asole 8,5x11 5 Löcher 8,5x11 5 holes 8,5x11 5 trous 8,5x11 | | | 60 | |
| | 61 3012 5140 | PSI 140 B | 140 | 7 asole 8,5x11 7 Löcher 8,5x11 7 holes 8,5x11 7 trous 8,5x11 | | | 84 | |
| | 61 3012 5180 | PSI 180 B | 180 | 9 asole 8,5x11 9 Löcher 8,5x11 9 holes 8,5x11 9 trous 8,5x11 | | | 108 | |
| | 61 3012 5220 | PSI 220 B | 220 | 11 asole 8,5x11 11 Löcher 8,5x11 11 holes 8,5x11 11 trous 8,5x11 | | | 132 | |
| | 61 3012 5300 | PSI 300 B | 300 | 15 asole 8,5x11 15 Löcher 8,5x11 15 holes 8,5x11 15 trous 8,5x11 | | | 180 | |
| | 61 3012 5400 | PSI 400 B | 400 | 20 asole 8,5x11 20 Löcher 8,5x11 20 holes 8,5x11 20 trous 8,5x11 | | | 240 | |
| | 61 3012 5500 | PSI 500 B | 500 | 25 asole 8,5x11 25 Löcher 8,5x11 25 holes 8,5x11 25 trous 8,5x11 | | | 300 | |
| | 61 3012 5600 | PSI 600 B | 600 | 30 asole 8,5x11 30 Löcher 8,5x11 30 holes 8,5x11 30 trous 8,5x11 | | | 360 | |



Esempi di installazione. *Installation examples.* Montagebeispiele. *Exemples d'installation.*

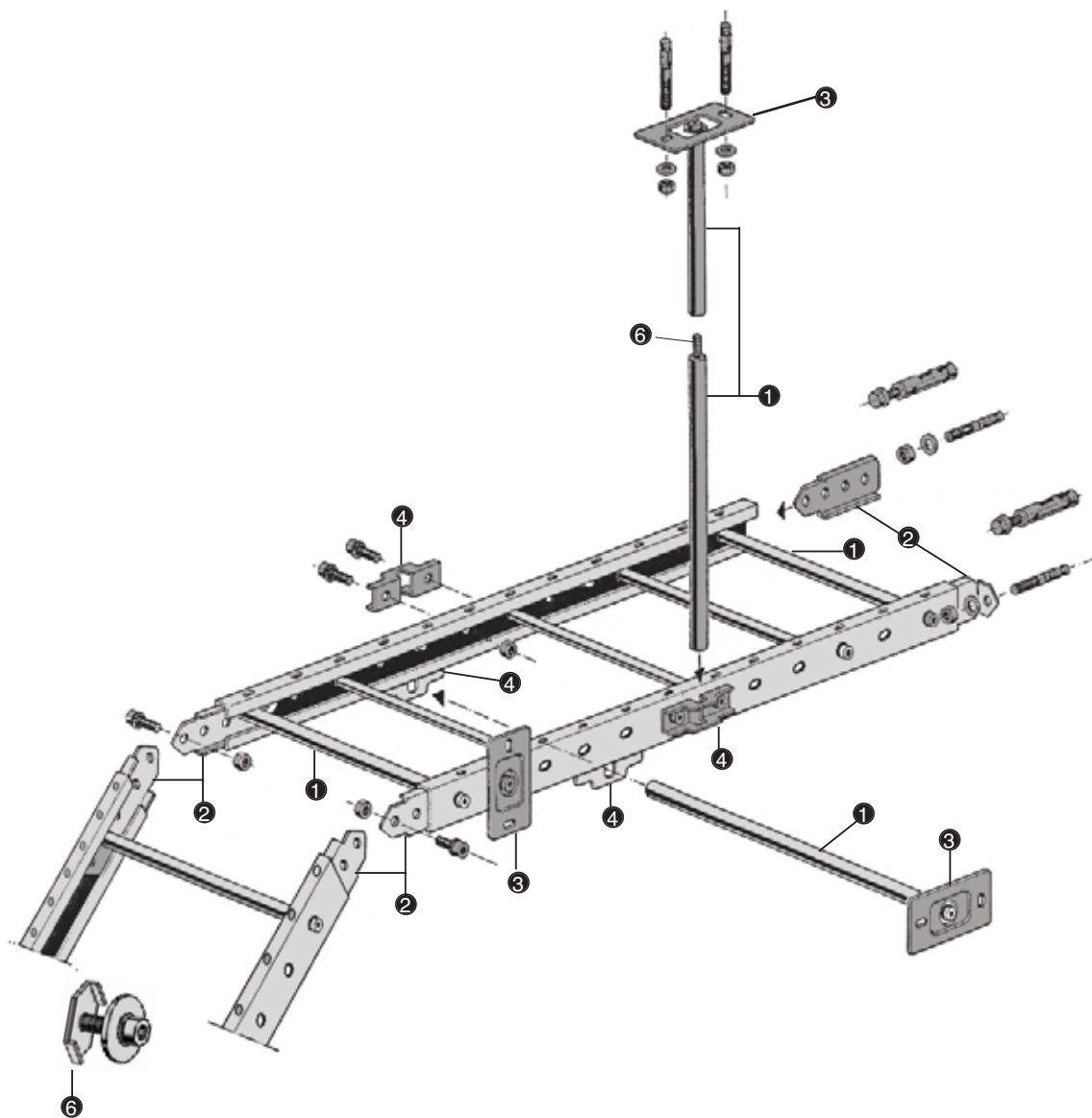
**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**



Innesto rapido del
piolo / mensola MEM

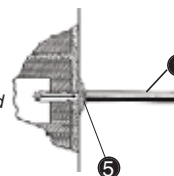
*Easy assembling of
the MEM bracket*



Schnellmontage eines
Steges MEM

*Montage facile des
entretroises MEM*

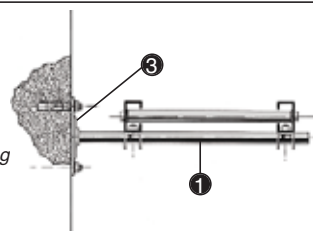
Piolo / mensola MEM
a parete con tassello
*MEM bracket wall mounted
with an expanded plug*



Konsole mittels
Wanddübel befestigt
*Fixation d'entretoise MEM
sur paroi par cheville*

Piolo / mensola MEM
che sostiene scaletta

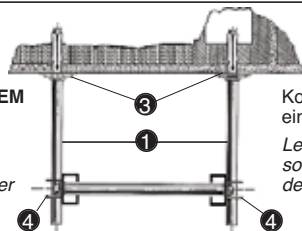
*MEM bracket supporting
a ladder*



Leiter auf
Konsole MEM

*MEM soutenant un
chemin de câbles*

Pioli / mensole MEM
sostengono una
scaletta a soffitto.
*MEM brackets
supporting a ladder
on ceiling.*



Konsolen MEM
stützen
eine Leiter an der Decke







*Les entretoises MEM
soutenant un chemin
de câbles au plafond.*

MEM - Mensole M8

Componenti di acciaio inox AISI 304 per la formazione di scalette.

MEM - M8 Brackets

AISI 304 stainless steel parts for the assembling of ladders.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ref. Ref. Ref. Ref. | Descrizione Description Beschreibung Description | Misure Measures Masse Dimensions |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|------------------------------|---|---|---|---|--|----------------------------------|
|  | 61 1805 1015 | MEM 10/150 | | Mensole con viti M8 | ø 10x150 | 20 | | 62 | |
| | 61 1805 1020 | MEM 10/200 | | Brackets with M8 screws | ø 10x200 | 20 | | 78 | |
| | 61 1805 1030 | MEM 10/300 | | Konsolen mit M8 Schrauben | ø 10x300 | 20 | | 109 | |
| | 61 1805 1040 | MEM 10/400 | | Consoles avec vis M8 | ø 10x400 | 20 | | 140 | |
|  | 61 1805 1615 | MEM 16/150 | | Mensole con viti M8 | ø 16x150 | 20 | | 102 | |
| | 61 1805 1620 | MEM 16/200 | ① | Brackets with M8 screws | ø 16x200 | 20 | | 130 | |
| | 61 1805 1630 | MEM 16/300 | | Konsolen mit M8 Schrauben | ø 16x300 | 20 | | 179 | |
| | 61 1805 1640 | MEM 16/400 | | Consoles avec vis M8 | ø 16x400 | 20 | | 230 | |
|  | 61 1809 1615 | MEF 16/150 | | Mensole con perno M8 | ø 16x150 | 20 | | 102 | |
| | 61 1809 1620 | MEF 16/200 | | Brackets with M8 pin | ø 16x200 | 20 | | 130 | |
| | 61 1809 1630 | MEF 16/300 | ① | Konsolen mit M8 Gewindestift | ø 16x300 | 20 | | 179 | |
| | 61 1809 1640 | MEF 16/400 | | Consoles avec tige M8 | ø 16x400 | 20 | | 230 | |

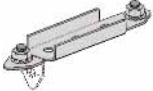
MEM - M8 Konsolen

Einzelteile aus V2A zur Zusammenstellung von Leitern.


MEM - Consoles M8

Composants en acier inoxydable AISI 304, pour la formation de chemins de câbles.


Giunti **Verbindungsstücke**
Joints **Jointes**

| | | | | | | | | | |
|--|--------------|------------------|---|---|--|----|--|----|--|
|  | 61 1806 8125 | GIM 8/125 | ② | Giunto completo per PCI Joint for PCI section Verbindungsstück für PCI Joint complète pour PCI | | 20 | | 80 | |
|--|--------------|------------------|---|---|--|----|--|----|--|

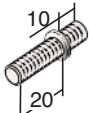
Flange **Flansche**
Flanges **Brides**

| | | | | | | | | | |
|---|--------------|--------------|---|---|--|----|--|----|--|
|  | 61 1804 0100 | FLI 8 | ③ | Flangia di fissaggio per MEM MEM fixing flange MEM Befestigung Flansche Bride de fixation pour MEM | | 20 | | 54 | |
|---|--------------|--------------|---|---|--|----|--|----|--|

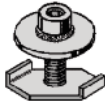
Cavallotti **Bügel**
Bow **Colliers**

| | | | | | | | | | |
|---|--------------|---------------|---|---|--|----|--|----|--|
|  | 61 1804 0116 | CAI 16 | ④ | Cavallotto di fissaggio ø 16 Fixing Bow ø 16 Befestigung Bügel ø 16 Collier de fixation ø 16 | | 20 | | 26 | |
|---|--------------|---------------|---|---|--|----|--|----|--|

Nippli M8 **M8 Nippeln**
M8 Nipples **Goujon M8**

| | | | | | | | | | |
|---|--------------|-----------------|---|---|--|----|-----|----|--|
|  | 61 2442 0810 | NPI 8/10 | ⑤ | Nippli M8x10+20 Nipples M8x10+20 Nippeln M8x10+20 Goujons M8x10+20 | | 50 | 500 | 10 | |
|---|--------------|-----------------|---|---|--|----|-----|----|--|

Inserti scorrevoli M8 **M8 Gleitmutter**
M8 sliding insert **Insert coulant M8**

| | | | | | | | | | |
|---|--------------|--------------|---|---|--|----|-----|----|--|
|  | 61 3209 0018 | ISI 8 | ⑥ | Inserto scorrevole M8 M8 sliding insert M8 Gleitmutter Insert coulant M8 | | 20 | 100 | 32 | |
|---|--------------|--------------|---|---|--|----|-----|----|--|

6

**ISL 8 - Applicatore autobloccante (brev.)
con filetto femmina M8**

Ad inserimento rapido, impiegabile per il montaggio di filetti M8 su profilati PCI 40x22.

Materiale:

Piastrina M8: Acciaio inossidabile AISI 304
Corpo: P.A.



**ISL 8 - Schnellmontage Mutter (pat.)
mit M8-Gewinde**

Zur schnellen Montage von M8-Gewinde auf PCI-Profilsschienen 40x22.

Material:

Gewindemutter M8: Stahl AISI 304 (V2A)
Gehäuse: P.A.

**ISL 8 - Self-locking Insert (pat.)
with M8 Nut**

for quick mounting of M8 screws on PCI-sections 40x22.

Material:

M8 nut: AISI 304 stainless steel
Body: P.A.

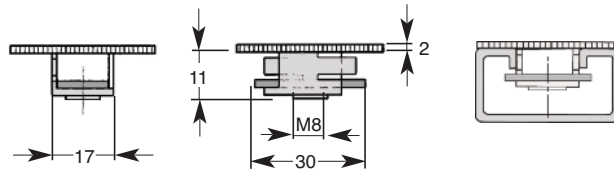


**ISL 8 - Adaptateur à montage rapide (brev.)
avec écroue M8**

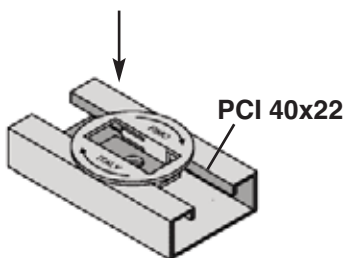
Pour le montage rapide de vis M8 sur profilé PCI 40x22.

Matériel:

Insert: Inox AISI 304
Corps: P.A.

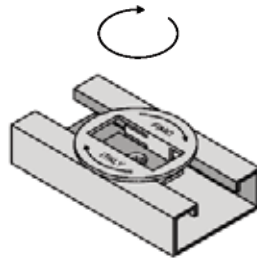


| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|-------|----------------------------------|
| | 61 4001 0008 | ISL 8 | Applicatore rapido di nylon con piastrina M8 per profili PCI 40x22 Nylon adapter with M8-steel insert for PCI 40x22 profile P.A. Halter mit M8 Gewindemutter für Profil PCI 40x22 Adaptateur en nylon avec écroue en acier M8 pour profilé PCI 40x22 | 20 | 100 | 9 | |



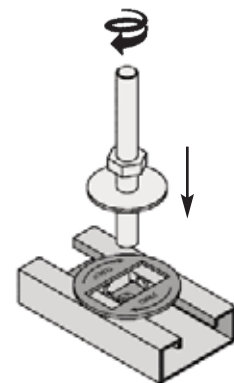
Inserire frontalmente nel profilato
Von vorne in die Profilöffnung einschieben

Insert from front into profile
Introduire dans le profilé frontalement



Ruotare di 90° (pre-fissaggio rapido)
90° rechts verdrehen (schnelle Vorbefestigung)

Turn 90° clockwise (quick fixing)
Tourner 90° a droite (fixage rapide)



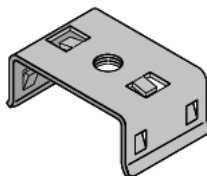
Montaggio comodo di filetti M8 e bloccaggio finale.
Bequemes Einschrauben von M8-Gewinde und Endbefestigung.

Easy mounting of M8 screws and final locking.
Montage facile des vis M8 et blocage final.

APE 8 - Applicatore con foro M8
APE 16 - Applicatore con apertura 17x14

Inserimento rapido a scatto su profilati con fori laterali
FIMO PCI.. B 40x22.

Materiale:
Acciaio inossidabile AISI 304.



APE 8

APE 8 - Adapter mit M8-Gewinde
APE 16 - Adapter mit rechteckiger Öffnung 17x14

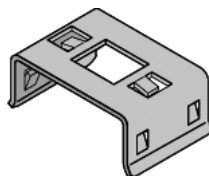
Einschnappmontage auf FIMO Profilschienen mit
Seitenbohrungen PCI..B 40x22.

Material:
Stahl AISI 304 (V2A).

APE 8 - M8 Threaded Adaptor
APE 16 - Adaptor with rectangular opening 17x14

Quick snap-in mounting on FIMO PCI.. B-sections 40x22,
with lateral holes.

Material:
Stainless steel AISI 304.

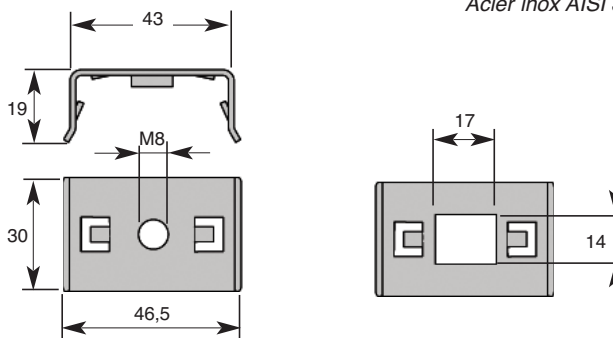


APE 16

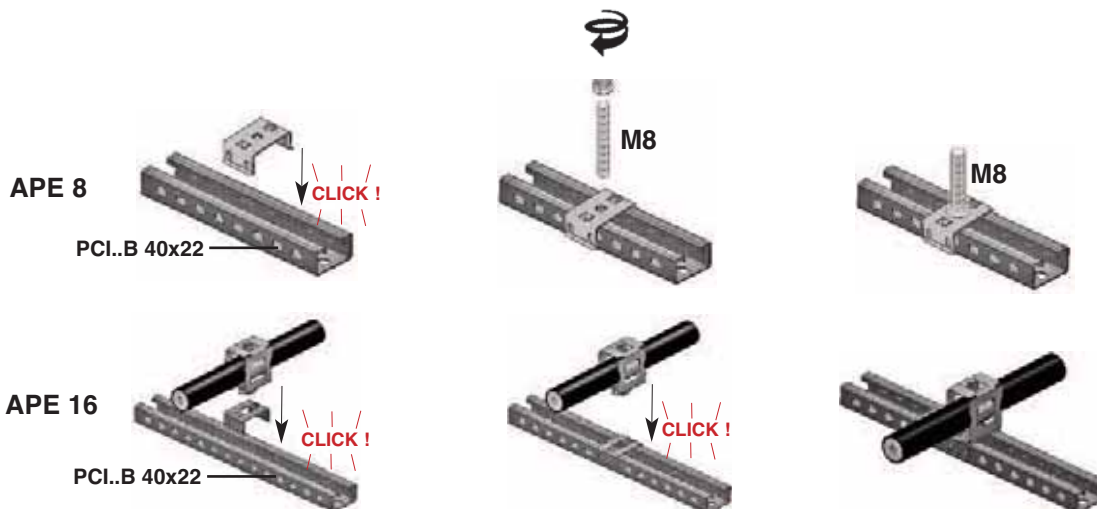
APE 8 - Adaptateur avec écrou M8
APE 16 - Adaptateur avec fenêtre 17x14

Montage rapide sur profilé FIMO PCI..B 40x22, avec trous
laterales.

Matériel:
Acier inox AISI 304



| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|--|--|----------------------------------|
| | 61 3221 0008 | APE 8 | Applicatore con foro M8 Adaptor with M8 threaded hole Adapter mit M8-Gewinde Adaptateur avec ecrou M8 | 20 | | | |
| | 61 3221 0016 | APE 16 | Applicatore con finestra 17x14 Adaptor with rectangular opening 17x14 Adapter mit rechteckiger Öffnung 17x14 Adaptateur avec fenêtre 17x14 | 20 | | | |



Combinazioni
Combinations

Kombinationen
Combinaisons

Bulloni di messa a terra Grounding Bolts

IST 8 - BTC

Erdungsbolzen Boulons de mise à la terre

IST 8 - Bullone di messa a terra

Inserto scorrevole per profilati PCI 40x22, completo di vite M8, dadi e rondelle.

Materiale:

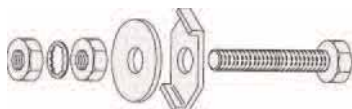
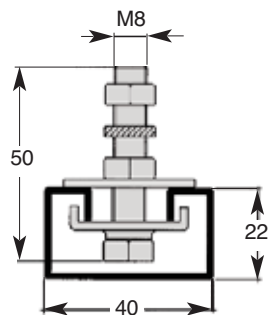
Acciaio inossidabile AISI 304

IST 8 - Grounding Bolt

Sliding nut for PCI 40x22 sections. M8 screw complete with nuts and washers.

Material:

AISI 304 Stainless steel



IST 8 - Erdungsbolzen M8

M8 Gleitmutter für PCI-Profil 40x22. Schraube komplett mit Muttern und Rondellen.

Material:

V2A Edelstahl (AISI 304)

IST 8 - Boulon M8 de mise à la terre

Insert pour profilé PCI 40x22, complet de vis M8, d'écroues et de rondelles.

Matériel:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiegabili con Suitable to Passend zu Interface | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1543 0008 | IST 8 | PCI | 20 | 100 | 47 | |

BTC - Piastra di messa a terra

Piastra con vite M8 per la connessione a terra su profil PCI 40x22

Materiale:

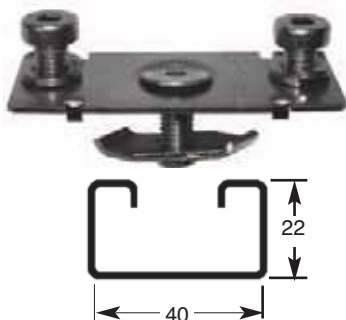
Acciaio inossidabile AISI 304

BTC - Grounding Plate

BTC grounding socle with M8 screw for connections to sections PCI 40x22.

Material:

AISI 304 Stainless steel



BTC - Erdungs-Platte

Erdungsplatte mit M8 Gewinde zur Erdung an Profile PCI 40x22.

Material:

V2A Edelstahl

BTC - Plate de mise à la terre

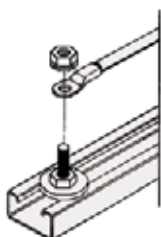
Conçu avec vis M8 pour la mise à la terre sur profilés PCI 40x22.

Material:

Inox AISI 304

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiegabili con Suitable to Passend zu Interface | | | | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|----|-----|----|----------------------------------|
| | 61 1543 0009 | BTC | PCI 40x22 | 20 | 100 | 30 | |

IST 8 montato su profilato PCI 40x22



IST 8 montiert auf Profil PCI 40x22

BTC montato su profilato PCI 40x22



BTC montiert auf Profil PCI 40x22

IST 8 mounted on PCI 40x22 profile

IST 8 monté sur profilé PCI 40x22

BTC mounted on PCI 40x22 profile

BTC monté sur profilé PCI 40x22

SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

CAP 30 - Cappuccio di protezione

Sicurezza antiinfortunistica autobloccante per terminali di spezzoni di profilato **PSI..B** (30x12).

Materiale: P.E.



CAP 30 - Schutzkappe

Kantenschutz für Profilabschnitte **PSI..B** (30x12), einrastbar.

Material: P.E.

CAP 30 - Protection Cap





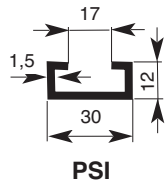
*It prevents from possible scratches/abrasions.
Self-locking, to be inserted in the **PSI..B** (30x12) section ends.*

Material: P.E.

CAP 30 - Capuchon de protection

*Pour la prévention des accidents. Autobloquant, à insérer sur les extrémités du profilé **PSI..B** (30x12).*

Matériel: P.E.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per profili For sections Für Profile Pour profilés |  |  | 9  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | 61 3314 0030 | CAP 30 |  PSI | 20 | 100 | 3 | |

CAP 40 - Cappuccio di protezione

Sicurezza antiinfortunistica autobloccante per terminali di spezzoni di profilato **PCI..B** (40x22).

Materiale: P.E.



CAP 40 - Schutzkappe

Kantenschutz für Profilabschnitte **PCI..B** (40x22), einrastbar.

Material: P.E.

CAP 40 - Protection Cap





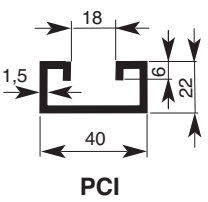
*It prevents from possible scratches/abrasions.
Self-locking, to be inserted in the **PCI..B** (40x22) section ends.*

Material: P.E.

CAP 40 - Capuchon de protection

*Pour la prévention des accidents. Autobloquant, à insérer sur les extrémités des profilés **PCI..B** (40x22).*

Matériel: P.E.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Per profili For sections Für Profile Pour profilés |  |  | 9  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | 61 3314 0040 | CAP 40 |  PCI | 20 | 100 | 4 | |



CAP 30

Esempio di applicazione a profilato **PSI..B** (30x12).

*Installation example on **PSI..B** (30x12) section.*



Montagebeispiel auf Profil **PSI..B** (30x12).

*Exemple d'installation sur profilé **PSI..B** (30x12).*












CAP 40

Esempio di applicazione a profilato **PCI..B** (40x22).

*Installation example on **PCI..B** (40x22) section.*

Montagebeispiel auf Profil **PCI..B** (40x22).

*Exemple d'installation sur profilé **PCI..B** (40x22).*

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | Misura Mesure Abmessungen Taille |  |  |  | Prezzo Price Preis Prix |
|---|--|--|--|---|---|---|---|----------------------------------|
|  VTI | 61 2919 0620 | VTI 6x20 | Viti testa cilindrica-taglio croce/cacciavite Cylinder headed screws cross/driver cut Zylinderkopfschrauben mit Kreuzschlitz Vis tête cylindrique-fendue cruciforme | M6 x 20 | 50 | 1000 | 4 | |
|  VEI | 61 2902 0625 61 2902 0635 61 2902 0835 61 2902 0840 | VEI 6x25 VEI 6x35 VEI 8x35 VEI 8x40 | Viti testa esagonale - taglio croce Hexagon headed screws-cross/ driver cut 6-Kantschrauben mit Kreuzschlitz Vis tête hexagonale-fendue cruciforme | M6 x 25 M6 x 35 M8 x 35 M8 x 40 | 50 50 50 50 | 1000 1000 1000 1000 | 8 10 14 16 | |
|  VCI | 61 2914 0620 61 2914 0810 61 2914 0814 61 2914 0820 | VCI 6x20 VCI 8x10 VCI 8x14 VCI 8x20 | Viti testa a cava esagonale Hexagon socket head screws Inbusschrauben Vis à six pans creux | M6 x 20 M8 x 10 M8 x 14 M8 x 20 | 50 50 50 50 | 1000 1000 1000 1000 | 6 8 8 10 | |
|  VSI | 61 2920 0816 61 2920 0825 61 2920 8070 61 2920 8100 | VSI 8x 16 VSI 8x 25 VSI 8x 70 VSI 8x100 | Viti testa svasata a cava esagonale Countersunk head socket screws Senkschrauben mit Innensechskant Vis tête fraisée-six pans | M8 x 16 M8 x 25 M8 x 70 M8 x 100 | 50 50 50 50 | 1000 1000 1000 1000 | 8 15 38 48 | |
|  GRI | 61 2941 0812 | GRI 8x12 | Grani filettati a cava esagonale Hexagon socket-set screws Inbus Gewindestifte Vis sans tête 6 pans interne | M8 x 12 | 20 | 1000 | 3 | |
|  NPI | 61 2442 0810 | NPI 8/10 | Nipli Nipples Nippeln Goujons filetés | M8 x 10 | 50 | 500 | 10 | |
|  BFI | 61 2954 8050 61 2954 8075 61 2954 8100 61 2954 8125 61 2954 8150 61 2954 8200 61 2954 8250 61 2954 8300 61 2954 8400 61 2954 8000 | BFI 8x 50 BFI 8x 75 BFI 8x 100 BFI 8x 125 BFI 8x 150 BFI 8x 200 BFI 8x 250 BFI 8x 300 BFI 8x 400 BFI 8x1000 | Barre filettate Threaded bars Gewindestangen Tiges filetées | M8 x 50 M8 x 75 M8 x 100 M8 x 125 M8 x 150 M8 x 200 M8 x 250 M8 x 300 M8 x 400 M8 x 1000 | 10 10 10 10 10 10 10 10 10 10 | 100 100 100 100 100 100 100 100 100 100 | 17 25 34 45 55 68 85 98 110 330 | |
|  DAI | 61 2918 2249 | DAI 8 | Dadi esagonali 6 Kant-Muttern Hexagon Nuts Ecroues hexagonales | M8 - UNI 5588 | 50 | 1000 | 4 | |
|  RPI | 61 2936 0008 61 2936 0832 | RPI 8/16 RPI 8/32 | Rondelle piane Flat washers Unterlegscheiben Rondelles plates | 8,2x16x1,5 (M8) 8,4x32x2 (M8) | 50 50 | 1000 1000 | 1.5 14 | |
|  REI | 61 2917 0008 | REI 8 | Rondelle elastiche Elastic washers Sicherungsscheiben Rondelles dentelées | 8 x14 DIN 6798 | 50 | 1000 | 0.7 | |
|  ISP 8 | 61 3209 0118 | ISP 8 | Inserti scorrevoli M8 per profilati PCI 40x22 Gliding M8 Inserts for PCI 40x22 sections Gleitmuttern M8 für Profile PCI 40x22 Inserts M8 pour profil PCI 40x22 | 38x16x2,0 | 50 | 1000 | 1.5 | |
|  ISA 8 | 61 3209 0308 | ISA 8 | Inserti scorrevoli M8 Gliding M8 inserts Gleitmuttern M8 Inserts M8 | 30x14x4,0 | 50 | 1000 | 2 | |

Materiali isolanti

Insulating Materials

Dichtungsmaterial

Matériaux isolants



NAS - Nastro autoagglomerante silconico per isolamento, protezione e sigillatura

- Nastro autoagglomerante silconico. ①
- Pellicola protettiva asportabile in PET. ②
- Linea di guida per l'avvolgimento corretto del nastro ③

Caratteristiche

- Temperature di esercizio: -50C° +150C°.
- UV resistente.
- Durezza: 60/65 Shore A (ASTM D 2240).
- Carico di rottura: 45 Kg/cm2 (ASTM D 412).
- Allungamento: 350% (ASTM D 412).
- Fragilità al freddo: -50C° (ASTM D 2137).
- Rigidità dielettrica: 2700V/0.1mm (ASTM D 149).

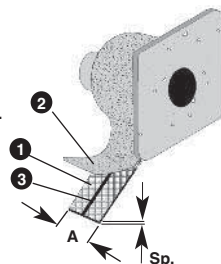
Prove di accettazione

Controllo visivo e dimensionale a campionatura.

Modalità di fornitura

NAS1: Due rocchetti 0,5m in sacchetto di PE trasparente.
NAS10: Un rotolo 10m in sacchetto di PE nero.

Colore: nero (grigio a richiesta).



NAS 1

NAS - Self-agglomerating Silicone Tape Protecting, Insulating and Waterproof

- Self agglomerating silicone tape. ①
- Removable PET protection film. ②
- Mid line wrapping reference. ③

Specifications

- Temperature resistance: -50C° + 150C°.
- UV proof.
- Hardness: 60/65 Shore A (ASTM D 2240).
- Tensile strength: 45 Kg/cm2 (ASTM D 412).
- Elongation: 350% (ASTM D 412).
- Brittleness point : -50C° (ASTM D 2137).
- Dielectric strength: 2700V/0.1mm (ASTM D 149).

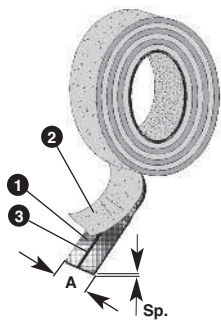
Acceptance Test

Visual and dimensional control on samples.

Delivery modalities

NAS1: two 0,5m reels packed in one transparent PE bag.
NAS10: One reel in single, black PE bag.

Colour: black (grey on request).



NAS 10

NAS - Selbstverschweissende Silikon Binde zum Schützen, Isolieren und Abdichten

- Selbstverschweissende Silikonwickelbinde ①
- Entfernbare PET-Schutzfolie ②
- Mittiger Orientierungsstreifen zur korrekten Überlappung ③

Eigenschaften

- Verwendbar bei Temperatur: -50C° +150C°.
- UV- beständig.
- Härte: 60/65 Shore A (ASTM D 2240).
- Bruchlast: 45 Kg/cm2 (ASTM D 412).
- Dehnung: 350% (ASTM D 412).
- Kaltbrüchigkeit: -50C° (ASTM D 2137).
- Dielektrische Festigkeit: 2700V/0.1mm (ASTM D 149).

Annahmeproofungen

Visuelle und dimensionelle Überprüfung, stichprobenweise

Lieferungszustand:

NAS1: Zwei 0,5m Spulen in durchsichtigem PE-Beutel
NAS10: Eine 10m Spule einzeln in schwarzem PE-Beutel

Farbe: schwarz (grau auf Anfrage).

NAS - Ruban auto-agglomérant silicone protection, scellage et isolation

- Ruban auto-agglomérant en caoutchouc silicone ①
- Film protectif en PET ②
- Ligne moyenne de référence pour le bandage ③

Caractéristiques

- Température de service: -50C° +150C°.
- Résistant aux U.V.
- Dureté: 60/65 Shore A (ASTM D 2240).
- Charge de rupture: 45 Kg/cm2 (ASTM D 412).
- Allongement: 350% (ASTM D 412).
- Fragilité à froid: -50C° (ASTM D 2137).
- Rigidité diélectrique: 2700V/0.1mm (ASTM D 149).

Essais d'acceptation

Contrôle visuel et dimensionnel à l'échantillon.

Modalité de fourniture

NAS1: Deux bobines de 0,5m en sachet de PE transparent.
NAS10: Une bobine en sachet de PE noir

Couleur: noir (gris sur demande).

| Figura Figure Abbildung Figure | Codice Code Codex Code | Articolo Article Artikel Article | A | Sp. | Lunghezza totale Overall lengght Gesamtlänge Longueur totale | | | g | Prezzo Price Preis Prix |
|---|---------------------------------|---|----|-----|---|-----|----|-------|----------------------------------|
| | 61 2101 2501 | NAS 1 | 25 | 0,5 | 2x0,5 m =1 m | 1+1 | 10 | 25 | |
| | 61 2101 2510 | NAS 10 | 25 | 0,5 | 10 m | 1 | 10 | 180 | |

Allontanare la pellicola protettiva e avvolgere il nastro con forte stiramento.



Remove protective film and wrap the tape, pulling it strongly.

Schutzfolie entfernen und Binde unter starkem Zug wickeln.

Enlever la protection et enrouler le ruban en éti-rant fortement.

Operazione terminata. La chiusura è ermetica.

The operation is completed. Bandage is waterproof.



Vorgang ist vollendet. Die Wicklung ist wasser-dicht abgeschlossen.

L'opération achevée, la fermeture est étanche.

NAS - Nastro autoagglomerante di gomma siliconica

Il nastro autoagglomerante di gomma siliconica NAS ①, è ideale per l'isolamento, la sigillatura, la protezione, di oggetti metallici e non.

E' applicabile in condizioni di grande escursione termica (-50°C +150°C).

Il nastro è privo di adesivo. Può essere utilizzato indifferentemente su entrambi i lati.

Avvolto attorno all'oggetto con forte stiramento, si mantiene in posizione grazie alla sua notevole elasticità.

I singoli strati si fondono progressivamente trasformando nel tempo l'avvolgimento in un blocco unico e compatto. Già dopo circa 24 ore gli strati sono ben fusi tra loro, assicurando subito una eccellente impermeabilizzazione, protezione meccanica e isolamento elettrico.

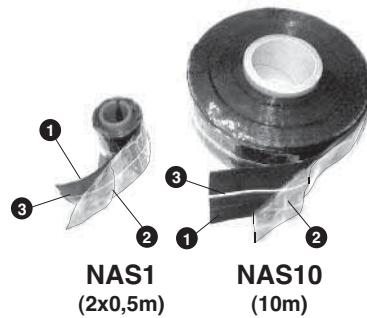
NAS non indurisce, resiste ottimamente all'invecchiamento e ai raggi UV.

Il nastro si allunga fino a 350%, garantendo una resa elevata, anche su oggetti di sagoma complessa.

La linea mediana ③ costituisce un utile riferimento per la corretta sovrapposizione dei lembi durante la nastratura.

Si rimuova la pellicola protettiva ② solo al momento dell'applicazione, evitando di operare in presenza di acqua, grasso, polveri e sporco.

Il nastro NAS va conservato nel suo sacchetto di plastica protettiva.



NAS - Self-agglomerating Silicon Rubber Tape

The self-agglomerating NAS ① silicon rubber tape, is ideal to insulate, seal and protect various objects (not only metal ones).

It can be used under extreme temperature conditions, (-50°C, +150°C).

NAS tape is non adhesive, and may be used on both sides.

Tightly wrapped around the object, it doesn't unwind, thanks to its outstanding elasticity.

The single tape layers merge progressively within 24hours.

An immediate excellent waterproofing, as well as mechanical protection and electrical insulation is however guaranteed.

NAS is not subject to aging, is UV rays proof and does not harden.

NAS stands up to 350% elongation, assuring high performances even on complex shape objects.

The mean line ③ represents a useful reference to make a correct tape wrapping superimposition easier.

Remove the protective film ② just on the application time, avoiding moisture, dirt, dust and grease contamination.

NAS tape is to be kept in its protective plastic bag.



NAS - Selbstverschweissende Silikonwickelbinde

Die Selbstverschweißende Silikon-Wickelbinde NAS ① ist hervorragend geeignet für Schutz, Versiegelung, Isolierung und Abdichtung an metallischen Teilen und anderen Materialien. Dieses hochwertige Band ist unter extremen Temperaturbedingungen (-50°C bis +150°C) verwendbar.

Es besitzt keine Klebeschicht, und kann beidseitig verwendet werden.

Die Haftung wird dank hoher Elastizität, unter starkem Zug erreicht, sodaß bereits direkt nach der Verarbeitung, eine sichere Abdichtung erfolgt ist.

Die einzelnen Lagen verschweißen sich nach und nach zu einem Block.

Bereits nach ca. 24 Std. ist dieses spürbar.

Der weitere Verschweißungsvorgang kann mehrere Tage dauern.

NAS besitzt höchste Alterungs- und UV-Beständigkeit, ist hochelastisch, läßt sich um ca. 350% dehnen und paßt sich ideal Unebenheiten an. Es ist nicht aushärtend.

Der mittige Orientierungstreifen ③ hilft bei der Verarbeitung für eine korrekte Überlappung. Die Schutzfolie ② ist zu entfernen.

Wasser, Fett sowie Staub und Dreck sollten bei der Verarbeitung möglichst nicht auf die Bandfläche gelangen.

Die NAS-Binde soll im Kunststoffbeutel aufbewahrt werden.

NAS - Ruban auto-agglomerant en caoutchouc silicone

Le ruban en caoutchouc silicone auto-agglomérant NAS ① est idéal pour l'isolation, le scellage et la protection d'objets en métal, ou d'autre.

Il peut être utilisé sous des différentes conditions climatiques, grâce à son excursion thermique étendue (-50°C, +150°C).

Le ruban est non-adhésif, et peut être utilisé sur les deux côtés.

Bien serré et enveloppé sur l'objet, il reste dans sa position grâce à sa remarquable élasticité.

Les différentes couches se fondent progressivement, transformant comme ça l'enroulement en un seul bloc.

Déjà 24 heures après l'application, les couches sont bien fondues, assurant tout de suite une excellente imperméabilisation, ainsi que protection mécanique et isolation électrique.

NAS ne durcit pas.

Il résiste très bien soit au vieillissement que aux rayons UV.

Le ruban NAS s'allonge jusqu'au 350%, garantissant des hautes performances, même sur des objets de forme complexe.

La ligne moyenne ③ représente une référence utile pour une correcte et plus facile superposition du ruban.

Qu'au moment de l'application, on lève le film protectif ②, évitant des possibles contaminations causées par l'eau, la graisse ou la poussière.

Le ruban NAS doit être gardé dans son sachet en plastique protectif.

NEP - Nastro autoagglomerante
per sigillatura e isolamento

Caratteristiche:

Gomma etilenpropilenica (EPR) autoagglom., non adesiva.
Grande elasticità (1000%), non indurente.
Impermeabile, isolante (35kV/mm), resistente ai raggi U.V.
Temperature d'esercizio -40°/+ 70°C.
Confezione in rotoli con pellicola protettiva.

Colore : nero (grigio a richiesta)

Materiale : EPR



NEP - Selbstverschweissende Wickelbinde
zum Abdichten und Isolieren

Eigenschaften:

Selbstverschweissendes Äthylen-Propylen (EPR),
nicht klebend, hochelastisch (1000%), nicht aushärtend.
Wasserdicht, isolierend (35kV/mm), U.V.-beständig.
Temperaturbeständigkeit -40°/+ 70° C.
Verpackt in Rollen mit Schutzfolie.

Farbe : Schwarz (grau auf Anfrage)

Material: EPR

NEP - Self-agglomerating Tape
for Tightening and Insulating

Description:

Self-agglomerating Ethylenpropylen (EPR) Rubber, non adhesive,
Highly elastic (1000%), not hardening.
Waterproof. insulating (35 kV/mm), U.V. resistant.
Temperature range -40°/+70°C.
Packed in rolls with protective film.

Colour: black (grey on request)

Material: EPR





NEP - Ruban auto-agglomérant
pour le scellage et l'isolation

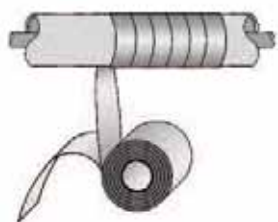
Caractéristiques:

Auto-agglomérant caoutchouc éthylènepropylène (EPR),
non adhésif.
Grande souplesse (1000%), non durcissant.
Imperméable, isolant (35 kw/mm), résistant rayons U.V.,
Résistant aux températures entre -40 et +70 degrés C.
Rouleaux emballés avec pellicule de protection.

Couleur: noir (gris sur demande)

Matériel: EPR

| Figura Figure Abbildung Figure | Codice Code Codex Code | Articolo Article Artikel Article | Misure Mesure Masse Taille | Lunghezza Lenght Länge Longeur |  |  | 9  | Prezzo Price Preis Prix |
|---|---------------------------------|---|-------------------------------------|---|--|--|---|----------------------------------|
|  | 61 2100 1975 | NEP 19 | 19 x 0,75 | 10 m | 1 | 10 | 170 | |
| | 61 2100 3875 | NEP 38 | 38 x 0,75 | 10 m | 1 | 10 | 340 | |



Allontanare la pellicola protettiva e avvolgere il nastro con forte stiramento.

Remove protective film and wrap the tape, pulling it strongly.

Schutzfolie entfernen und Binde unter starkem Zug wickeln.

Enlever la protection et enrôler le ruban en étirant fortement.



Operazione terminata. La chiusura è ermetica.

The operation is completed. Bandage is waterproof.

Vorgang ist vollendet. Die Wicklung ist wasserdicht abgeschlossen.

L'opération achevée, la fermeture est étanche.

WEK - Cappucci terminali termoretraibili per la protezione di terminali di cavi

Viene applicato mediante riscaldamento a mezzo di fiamma libera oppure generatore di aria calda. Ottima protezione dei cavi dall'umidità.

Materiale:
Poliolfina reticolata.
Adesivo interno termosensibile.

Colore: nero.



WEK - Wärmeschrumpfende Endkappen zum Abdichten von Kabelenden

Wird mittels freier Flamme oder heisser Luft auf das Kabel aufgeschrumpft und versiegelt. Beste Abdichtung gegen Feuchtigkeit.

Material:
Strahlenvernetztes Polyolefin.
Innenbeschichtet mit Schmelzkleber.

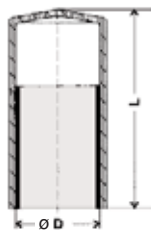
Farbe: Schwarz.

WEK - Heat-shrinking Caps for the Protection of Cable Terminals

Applied through heating with open flame or hot air generator. Excellent protection of cables against humidity.

Material:
Reticulated polyolefine.
Internal thermo-sensitive adhesive.

Colour: black.



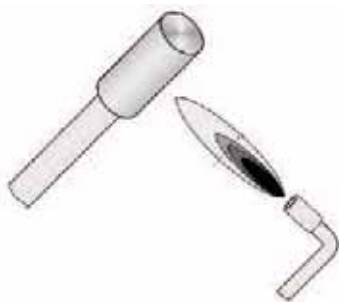
WEK - Capuchons thermorétrécissants protection des terminaisons des câbles

Sont appliqués par échauffement au moyen d'un chalumeau ou d'un générateur d'air chaud.

Matériel:
Polyolefine réticulée.
Adhésif interne thermosensible.

Couleur: noir.

| Figura Figure Abbildung Figure | Code Code Codex Code | Articolo Article Artikel Article | D | L | Per cavi coassiali For coaxial cables Für Koax-Kabel Cables coaxiaux | | | g | Prezzo Price Preis Prix |
|---|-------------------------------|---|--------|-----|---|---|----|-------|----------------------------------|
| | 61 2201 1004 | WEK 10/ 4 | 4-10 | 38 | RG223 - RG213 -RG214 1/4" - 1/2"S | 1 | 10 | 4 | |
| | 61 2201 2007 | WEK 20/ 7 | 7-20 | 55 | 3/8" - 1/2" | 1 | 10 | 6 | |
| | 61 2201 3515 | WEK 35/15 | 15-35 | 90 | 5/8" - 7/8" - 7/8"S | 1 | 10 | 17 | |
| | 61 2201 5525 | WEK 55/25 | 25-55 | 143 | 1.1/8" - 1.1/4 | 1 | 10 | 32 | |
| | 61 2201 7532 | WEK 75/32 | 32-75 | 150 | 1.5/8" - 2.1/4 | 1 | 10 | 55 | |
| | 61 2201 1045 | WEK 100/45 | 45-100 | 162 | 1.5/8" - 2.1/4 | 1 | 10 | 55 | |



Scaldare il cappuccio. Kappe erwärmen.

Heat the cap. Chauffer le capuchon.



A operazione terminata la chiusura è ermetica. Wasserdicht abgeschlossen wenn der Vorgang vollendet ist.

Cap is waterproof when the operation is completed. L'opération est achevée, la fermeture est étanche.

MWT - Tubolari termoretraibili
per la protezione di giunzioni

Viene applicato mediante riscaldamento a mezzo di fiamma libera oppure generatore di aria calda. Ottima protezione dei cavi dall'umidità.

Materiale:

Poliiolefina reticolata.
Adesivo interno termosensibile.
Colore: nero.



MWT - Wärmeschrumpfende Hülse
Abdichtung von Steckverbindungen

Wird mittels freier Flamme oder heisser Luft auf das Kabel aufgeschrumpft und versiegelt.

Material:

Strahlenvernetztes Polyolefin.
Innenbeschichtet mit Schmelzkleber.
Farbe: Schwarz.

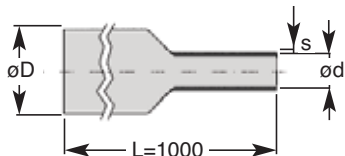
MWT - Heat-shrinking Tubes
for the Protection of Cable Joints

Applied through heating with open flame or hot air generator. Excellent protection of cables against humidity.

Material:

Reticulated polyolefine.
Internal thermo-sensitive adhesive.

Colour: black.



MWT - Manchons thermorétrécissants
protection des jointures des câbles

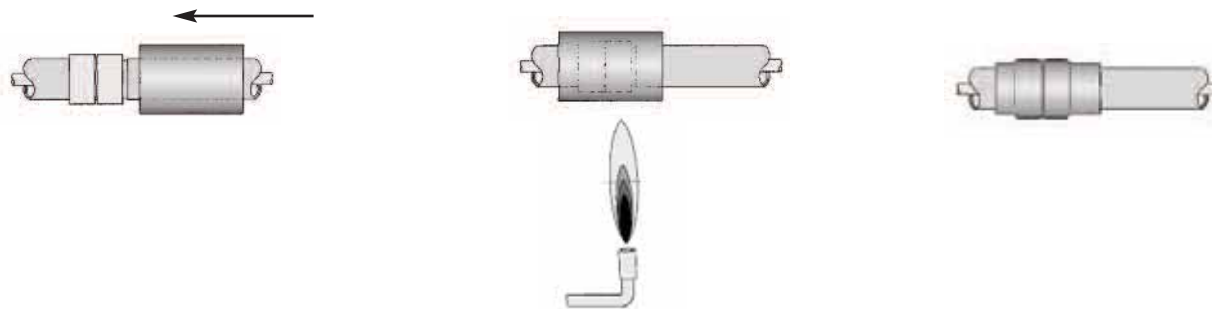
Sont appliqués par échauffement au moyen d'un chalumeau ou d'un générateur d'air chaud. Protection optimale contre l'humidité.

Matériel:

Polyolefine réticulée.
Adhésif interne thermosensible.

Couleur: noir.

| Figura Figure Abbildung Figure | Codice Code Codex Code | Articolo Article Artikel Article | Originale Original Original Original D | Termoretrato Shrunk Geschrumpft Retrécit d | Per cavi coassiali For coaxial cables Für Koax-Kabel Cables coaxiaux | s | | | g | Prezzo Price Preis Prix |
|---|---------------------------------|---|--|--|---|-----|---|----|-------|----------------------------------|
| | 61 2202 1003 | MWT- M 10/ 3 | 10 | 3 | RG223 - RG59 - RG8 | 2.0 | 1 | 10 | 0,10 | |
| | 61 2202 1605 | MWT- M 16/ 5 | 16 | 5 | RG213 -RG214 - 1/4" | 2.0 | 1 | 10 | 0,10 | |
| | 61 2202 2508 | MWT- M 25/ 8 | 25 | 8 | 1/2" - 3/8" | 2.0 | 1 | 10 | 0,20 | |
| | 61 2202 3212 | MWT- M 35/ 12 | 35 | 12 | 5/8" - 7/8" | 2.0 | 1 | 10 | 0,30 | |
| | 61 2202 5016 | MWT- M 50/ 16 | 50 | 16 | 1.1/8" - 1.1/4" | 2.0 | 1 | 10 | 0,30 | |
| | 61 2202 6319 | MWT- M 63/ 19 | 63 | 19 | 1.5/8" | 2.0 | 1 | 10 | 0,30 | |
| | 61 2202 7522 | MWT- M 75/ 22 | 75 | 22 | 2.1/4" | 2.0 | 1 | 10 | 0,40 | |
| | 61 2202 8525 | MWT- M 85/ 25 | 85 | 25 | 3" | 2.0 | 1 | 10 | 0,40 | |



Tagliare uno spez- Hülse wunschgemäß
ziona di guaina, infilarsla
sul cavo e posizio- abschneiden, auf Kabel
narlo sul connettore. aufstecken und auf die
Verbindung positionieren.

Cut off a section, Couper un manchon de
slide on cable and longueur appropriée, l'en-
filer sur le câble et le glis-
ser en place.

Scaldare il termore- Schrumpfschlauch
traibile. erwärmen.

Heat the section. Chauffer le man-
chon.

A operazione termi- Wasserdicht abge-
nata la chiusura è schlossen wenn der
ermetica. Vorgang vollendet ist.

Cover is waterproof L'opération achevée,
when the operation la fermeture est
is completed. étanche.

LUS 8 - Lubrificante silconico
8 ml in tubetto

Pasta lubrificante incolore.
Impiegabile per migliorare lo scorrimento di parti a contatto e proteggere dall'umidità.

Materiale:
Grasso silconico



LUS 8 - Silikon-Fett
8 ml in Tube

Farblose Paste
Bestens einsetzbar als Gleitmittel und Schutz gegen Feuchtigkeit.

Material:
Silikon-Fett

LUS 8 - Silicon Lubricant
8 ml Tube

Colourless lubricant paste, used to improve gliding between parts and protect against humidity.

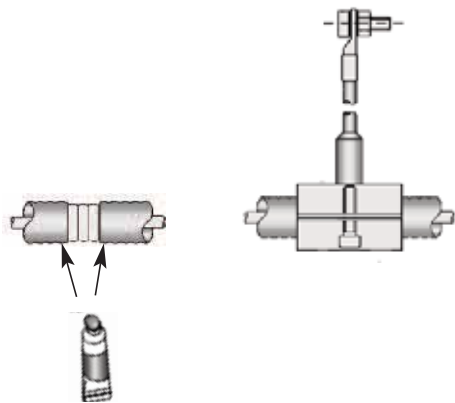
Material:
Silicon grease

LUS 8 - Graisse au silicone
8 ml tube

Pâte lubrifiante incolore, pour améliorer le glissement entre parts et protéger contre l'humidité.

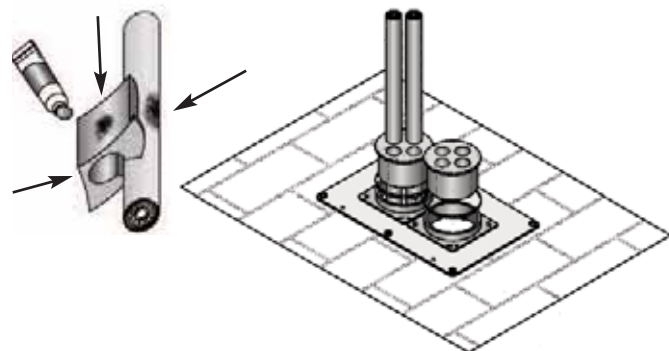
Matériel:
Graisse au silicone.

| Figura Figure Abbildung Figure | Codice Code Codex Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | | | g | Prezzo Price Preis Prix |
|---|---------------------------------|---|---|----|----|-------|----------------------------------|
| | 61 3310 1008 | LUS 8 | lubrificante silconico 8 ml <i>Silicon grease 8 ml</i> Silikon-Fett 8 ml <i>Graisse au silicone 8 ml</i> | 10 | 50 | 9 | |



Applicazione di grasso silconico su cavi e kit di terra **KMT**.
Behandlung des Kabelmantels und Erdungsgarnitur **KMT**, mit Silikon-Fett

How to apply silicon grease on cables and KMT grounding kits
Application de graisse au silicone sur câbles et mises à la terre KMT



Applicazione di grasso su passanti a parete e cavi.
Behandlung mit Silikon-Fett der Kabelmantel und Dichtungen bei Wanddurchführungen

How to apply silicon grease on wall entries and cables
Application de graisse au silicone sur traversées de parois et câbles.



BUT 6 - Sigillante butilico

Pasta butilica trafilata ø 6 mm.
Rotolo da 8 m. Impiegabile per sigillare superfici a contatto.
Non indurente, adesiva.

Caratteristiche:

Temperatura d'esercizio: -30/+90°C
Resistenza agli UV: ottima
Resistenza all'acqua: ottima

Colore: nero

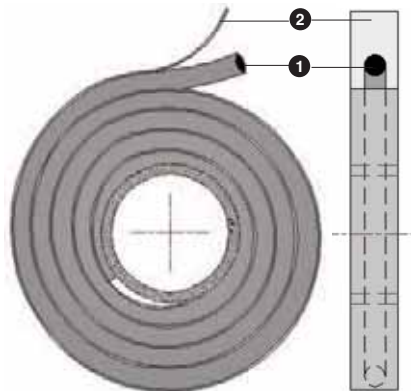
BUT 6 - Butyl Putty

Butyl pulp ø 6 mm. 8 m roll.
To seal contacting surfaces
Not hardening, adhesive.

Description:

Operating temperature : -30/+90°C
UV resistance : very good
Water resistance: very good

Colour: black



BUT 6 - Dichtungs Kitt

Butilpaste ø 6 mm.
8 m-Rolle mit Schutzfolie Verwendbar zum Abdichten von Fugen.
Nicht aushärtend, haftend.

Eigenschaften:

Temperaturbeständigkeit: -30/+90°C
UV beständigkeit: sehr gut
Wasserbeständigkeit: sehr gut

Farbe: schwarz

BUT 6 - Pâte butilique

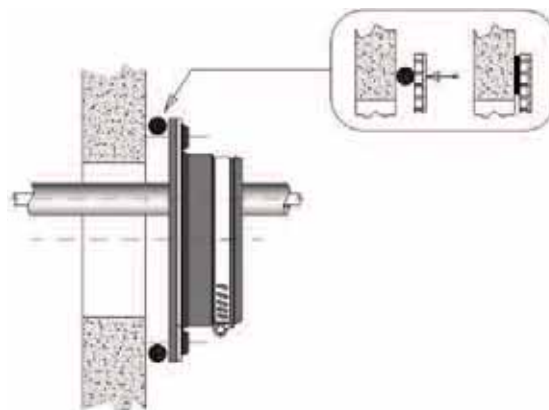
Pâte trafilée ø 6 mm. Rouleau 8m.
Pour le scellage de surfaces en contact
Non endureissante, adesive.

Caractéristiques:

Température de service: -30/+90°C
Résistance à UV: très bonne
Résistance à l'eau: très bonne

Couleur: noir

| Figura Figure Abbildung Figure | Codice Code Codex Code | Articolo Article Artikel Article | Descrizione Description Beschreibung Description | Lunghezza Length Länge Longeur | | | g | Prezzo Price Preis Prix |
|---|---------------------------------|---|---|---|---|----|-------|----------------------------------|
| | 61 3402 0056 | BUT 6 | Pasta sigillante di butile ø 6 mm <i>Butyl putty ø 6 mm for sealing</i> ø 6 mm Butil Dichtungspaste <i>Pâte butilique ø 6 mm pour scellage</i> | 8 m | 1 | 10 | | |



Sigillatura di una piastra PPS e PMR contro una parete.

Sealing of a PPS and PMR plate against a wall.

Abdichtung einer Platte PPS und PMR gegen eine Wand.

Scellage d'une plaque PPS et PMR contre une paroi.

Tasselli murali professionali
Professional Wall Plugs

Profi-Mauerdübel
Chevilles professionnelles



MF - Ancorante maschio di acciaio zincato

MFI - Ancorante maschio di acciaio inox AISI 304

Caratteristiche

Ancorante maschio di acciaio a fissaggio automatico composto da:

- ① Corpo filettato
MF = acciaio AV (UNI EN 10087) zincato.
MFI = acciaio inox AISI 304
- ② Dado
MF = acciaio 4.4 zincato.
MFI = acciaio inox AISI 304
- ③ Rondella
MF = acciaio 4.4 zincato.
MFI = acciaio inox AISI 304
- ④ Lamierino cilindrico espansibile
MF = acciaio inox AISI 304.
MFI = acciaio inox AISI 304

Impiego

Fissaggio automatico rigido su cemento, pietra e muratura compatta in genere, per installazioni industriali di macchinari, scaffalature, ringhiere. Montaggi passanti

Carichi ammessi

Carichi pesanti, pesantissimi
Vedere tabella

MF - Galvanized male Steel Anchor

MFI - AISI 304 Stainless Steel male Anchor

Features

Galvanized male steel anchor for easy fixing consisting of:

- ① Threaded body
MF = UNI EN 10087 Galvanized Steel
MFI = AISI 304 Stainless Steel
- ② Nut
MF = 4.4 Galvanized Steel
MFI = AISI 304 Stainless Steel
- ③ Washer
MF = 4.4 Galvanized Steel
MFI = AISI 304 Stainless Steel
- ④ Cylindrical expandable sheet-steel
MF = AISI 304 Stainless Steel
MFI = AISI 304 Stainless Steel

Use

Rigid, mechanical fixing on concrete, stone and compact masonry. For industrial installations, machinery laying, scaffolding and railings.
For through mountings.

Admitted loads

Heavy, very heavy loads.
See table

MF - Gewinde Stahlanker verzinkt

MFI - Gewinde Stahlanker AISI 304 (V2A)

Merkmale

Gewinde Stahlanker für Schnellmontage in Vollbaustoffen, bestehend aus:

- ① Stahlbolzen
MF = Stahl UNI EN 10087 verzinkt
MFI = Stahl AISI 304 (V2A)
- ② Mutter
MF = Stahl 4.4 verzinkt
MFI = Stahl AISI 304 (V2A)
- ③ Rondelle
MF = Stahl 4.4 verzinkt
MFI = Stahl AISI 304 (V2A)
- ④ Sprezhülse
MF = Stahl AISI 304 (V2A)
MFI = Stahl AISI 304 (V2A)

Einsatz

Schnelle, automatische Befestigung in Beton, Stein, kompaktem Mauerwerk. Ideale Befestigung von Maschinen, Regalen, Gittern und Gerüsten

Auszugswerte

Mittelschwere und schwere
Siehe Tabelle

MF - Goujon d'ancrage mâle galvanisé

MFI - Goujon d'ancrage mâle inox AISI 304

Caractéristiques

Goujon d'ancrage mâle galvanisé à fixation automatique

- ① Corps fileté
MF = acier UNI EN 10087 galvanisé
MFI = acier inox AISI 304
- ② Ecrou
MF = acier 4.4 galvanisé
MFI = acier inox AISI 304
- ③ Rondelle
MF = acier 4.4 galvanisé
MFI = acier inox AISI 304
- ④ Tôle cylindrique expansible
MF = acier inox AISI 304
MFI = acier inox AISI 304

Emploi

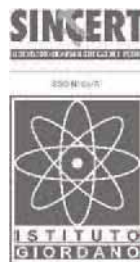
Fixation mécanique, sur béton, pierre et maçonnerie compacte en général. Pour installations industrielles, pose de machinerie, rayonnages, balustrades.
Pour montages passants.

Charges admissibles

Charges lourdes, très lourdes
Voir table



MF
MFI



| Articolo Article | Artikel Article | Carichi ammessi su C.A. R 250/Admitted loads on concrete R250 Zugelassene Belastungswerte in Beton R 250/Charges admissibles sur béton armé R250 | | | |
|---------------------|--------------------|---|-------------------------------------|-------------------------------------|---|
| | | Valori di estrazione Admitted loads | Auszugswerte Charges admissibles | Carichi al taglio Shearing loads | Scherbelastung Charges au cisaillement |
| MF 6 - MFI 6 | | 1030/1090 daN | | 680 daN | |
| MF 8 - MFI 8 | | 1350/1410 daN | | 1350 daN | |
| MF 10 - MFI 10 | | 1620/1900 daN | | 2400 daN | |
| MF 12 - MFI 12 | | 3100/3300 daN | | 3800 daN | |
| MF 16 - MFI 16 | | 3750/3800 daN | | 6550 daN | |
| MF 20 - MFI 20 | | 5950/6070 daN | | 9450 daN | |

(1daN = ~ 1 kg)

N.B. - Consigliato un Fattore di sicurezza K = 0,33 - Empfohlener Sicherheitsfaktor K = 0,33
A safety factor K = 0.33 is recommended - Un coefficient de sécurité K = 0.33 est recommandé.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø Filetto Ø Thread Ø Gewinde Ø Ecrou | Ø | L | L1 | | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|---|---|----|--|--|---|----------------------------------|
|---|---------------------------------------|---|---|---|---|----|--|--|---|----------------------------------|

MF - Ancorante maschio di acciaio zincato
MF - Galvanized male Steel Anchor

MF - Gewinde Stahlanker verzinkt
MF - Goujon d'ancrage mâle galvanisé

| | | | | | | | | | | |
|--------------|----------------------|----------------------|-----|-----|-----|----|-----|------|-----|--|
| | 10 1301 0645 | MF 6x 45/20 | M6 | 6 | 45 | 20 | 100 | 1000 | 11 | |
| | 10 1301 0655 | MF 6x 55/25 | M6 | 6 | 55 | 25 | 100 | 1000 | 13 | |
| | 10 1301 0685 | MF 6x 85/35 | M6 | 6 | 85 | 35 | 100 | 1000 | 20 | |
| | 10 1301 0855 | MF 8x 55/25 | M8 | 8 | 55 | 25 | 100 | 1000 | 25 | |
| | 10 1301 0870 | MF 8x 70/30 | M8 | 8 | 70 | 30 | 100 | 1000 | 30 | |
| | 10 1301 0890 | MF 8x 90/35 | M8 | 8 | 90 | 35 | 50 | 500 | 37 | |
| | 10 1301 1006 | MF 10x 65/30 | M10 | 10 | 65 | 30 | 50 | 500 | 47 | |
| | 10 1301 1008 | MF 10x 80/30 | M10 | 10 | 80 | 30 | 50 | 500 | 56 | |
| | 10 1301 1010 | MF 10x 100/35 | M10 | 10 | 100 | 35 | 50 | 500 | 67 | |
| | 10 1301 1208 | MF 12x 80/40 | M12 | 12 | 80 | 40 | 50 | 500 | 81 | |
| | 10 1301 1210 | MF 12x 100/40 | M12 | 12 | 100 | 40 | 25 | 250 | 92 | |
| | 10 1301 1214 | MF 12x 140/50 | M12 | 12 | 140 | 50 | 25 | 250 | 128 | |
| | 10 1301 1612 | MF 16x 125/50 | M16 | 16 | 125 | 50 | 15 | 150 | 204 | |
| | 10 1301 1617 | MF 16x 175/50 | M16 | 16 | 175 | 50 | 15 | 150 | 287 | |
| | 10 1301 1622 | MF 16x 220/60 | M16 | 16 | 220 | 60 | 15 | 150 | 349 | |
| 10 1301 2016 | MF 20x 160/60 | M20 | 20 | 160 | 60 | 10 | 100 | 440 | | |
| 10 1301 2021 | MF 20x 215/60 | M20 | 20 | 215 | 60 | 10 | 100 | 548 | | |

MFI - Ancorante maschio di acciaio inox AISI 304
MFI - AISI 304 Stainless Steel male Anchor

MFI - Gewinde Stahlanker AISI 304 (V2A)
MFI - Goujon d'ancrage mâle inox AISI 304

| | | | | | | | | | | |
|------------------------------|--------------|----------------------|-----|----|-----|----|-----|------|-----|--|
| INOX AISI 304 | 10 1302 0640 | MFI 6x40/25 | M6 | 6 | 40 | 25 | 100 | 1000 | 9 | |
| | 10 1302 0665 | MFI 6x65/25 | M6 | 6 | 65 | 25 | 100 | 1000 | 15 | |
| | 10 1302 0610 | MFI 6x100/35 | M6 | 6 | 100 | 35 | 100 | 1000 | 23 | |
| | 10 1302 0850 | MFI 8x50/30 | M8 | 8 | 50 | 30 | 100 | 1000 | 24 | |
| | 10 1302 0875 | MFI 8x75/30 | M8 | 8 | 75 | 30 | 100 | 1000 | 31 | |
| | 10 1302 0890 | MFI 8x90/35 | M8 | 8 | 90 | 35 | 50 | 500 | 38 | |
| | 10 1302 0811 | MFI 8x115/35 | M8 | 8 | 115 | 35 | 50 | 500 | 43 | |
| | 10 1302 1006 | MFI 10x60/25 | M10 | 10 | 60 | 25 | 50 | 500 | 45 | |
| | 10 1302 1009 | MFI 10x90/25 | M10 | 10 | 90 | 25 | 50 | 500 | 60 | |
| | 10 1302 1012 | MFI 10x120/35 | M10 | 10 | 120 | 35 | 50 | 500 | 79 | |
| | 10 1302 1207 | MFI 12x75/35 | M12 | 12 | 75 | 35 | 50 | 500 | 79 | |
| | 10 1302 1209 | MFI 12x90/40 | M12 | 12 | 90 | 40 | 50 | 500 | 91 | |
| | 10 1302 1211 | MFI 12x110/40 | M12 | 12 | 110 | 40 | 50 | 500 | 109 | |
| | 10 1302 1213 | MFI 12x130/40 | M12 | 12 | 130 | 40 | 50 | 500 | 180 | |
| | 10 1302 1214 | MFI 12x145/50 | M12 | 12 | 145 | 50 | 50 | 500 | 134 | |
| | 10 1302 1218 | MFI 12x180/50 | M12 | 12 | 180 | 50 | 25 | 250 | 162 | |
| | 10 1302 1611 | MFI 16x110/50 | M16 | 16 | 110 | 50 | 25 | 250 | 187 | |
| | 10 1302 1612 | MFI 16x125/50 | M16 | 16 | 125 | 50 | 15 | 150 | 190 | |
| | 10 1302 1614 | MFI 16x145/50 | M16 | 16 | 145 | 50 | 15 | 150 | 231 | |
| | 10 1302 2014 | MFI 20x145/60 | M20 | 20 | 145 | 60 | 15 | 150 | 375 | |
| | 10 1302 2017 | MFI 20x170/60 | M20 | 20 | 170 | 60 | 10 | 150 | 436 | |
| | 10 1302 2022 | MFI 20x220/60 | M20 | 20 | 220 | 60 | 10 | 150 | 559 | |

Istruzioni per l'installazione
Installation Instructions

Installations Anweisungen
Instructions d'installation



1 Foratura
Forare attraverso l'oggetto.



1 Bohren
Gegenstand durchbohren



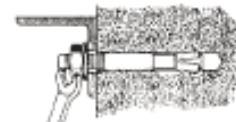
2 Pulizia
Pulire accuratamente il foro.

2 Reinigen
Bohrloch gründlich säubern.



3 Inserimento
Innestare completamente l'ancorante.

3 Einführen
Stahlanker komplett einführen.



4 Fissaggio
Serrare il dado sino al bloccaggio.

4 Befestigen
Mutter fest anziehen.

1 Drilling
Drill through the object.

1 Perçage
Perçer à travers l'objet.

2 Cleaning
Carefully clean the hole.

2 Nettoyage
Nettoyer soigneusement le trou.

3 Insertion
Insert completely the anchor.

3 Insertion
Insérer complètement le goujon.

4 Fixing
Tighten the nut.

4 Fixation
Serrer l'écrou jusqu'au blocage.

SAR - Tassello di acciaio ad espansione

Caratteristiche

Corpo tubolare espansibile con alette sporgenti per un prefissaggio antirotazione.

Espansore conico filettato per viti, perni, e ganci filettati. Bussola guida per centraggio.

- ❶ Corpo tubolare: Acciaio zincato
- ❷ Alette: Acciaio zincato
- ❸ Espansore conico: Acciaio zincato
- ❹ Bussola: P.A. 6.6

Impiego

Installazioni industriali e civili in genere. Fissaggio di apparecchiature, macchinari, ponteggi, tesature, scaffalature, mensole, ecc. su cemento, calcestruzzo, mattoni pieni.

Carichi ammessi

Carichi pesanti, pesantissimi
Vedere tabella



SAR

SAR - Stahl Spreizdübel

Merkmale

Spreizbarer rohrförmiger Stahlkörper mit Seitenflügeln für eine leichte Vorbefestigung. Spreizkonus mit Gewinde für Schrauben und Gewindestifte, Führungsbuchse.

- ❶ Stahlkörper: Stahl verzinkt
- ❷ Seitenflügeln: Stahl verzinkt
- ❸ Spreizkonus: Stahl verzinkt
- ❹ Führungsbuchse: P.A. 6.6

Einsatz

Installation in Bau und Werk. Befestigung von Maschinen, Regalen, Konsolen, Gerüsten usw. auf Beton, Gestein und festem Mauerwerk.

Zugelassene Belastung

Mittelschwere und schwere
Siehe Tabelle

SAR - Expansion steel Plug

Features

Galvanized steel tubular body equipped with two tongues sticking out of the body diameter, to prevent the plug from rotating in the installation hole.

A conical threaded expander, is suitable for screws, as well as threaded pins and hooks. A nylon bush keep well centered the above elements.

- ❶ Tubular Body: Galvanized steel
- ❷ Wings: Galvanized steel
- ❸ Conical threaded Expander: Galvanized steel
- ❹ Bush: P.A. 6.6

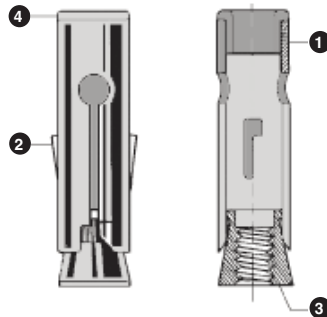
Utilization

Industrial and civil installation.

Fixing of apparatuses, machineries, scaffolding, shelves, to concrete or solid brick walls.

Admitted loads

Heavy, very heavy loads.
See table



SAR - Cheville en acier à expansion

Caractéristiques

Corps tubulaire en acier galvanisé, deux ailettes assurent une préfixation sans rotation.

Un extenseur fileté conique pour vis, goupilles et crochets filetés.

Une bague permet un centrage des éléments.

- ❶ Corps tubulaire: Acier galvanisé
- ❷ Ailettes: Acier galvanisé
- ❸ Extenseur fileté conique: Acier galvanisé
- ❹ Bague: P.A. 6.6

Emploi

Installations industrielles et civiles, pose de machine rie, rayonnages, balustrades etc.. sur béton, maçonnerie creu-se.

Charges admissibles




Charges lourdes, très lourdes.
Voir table

**Carichi ammessi su C.A. R 250/Admitted loads on concrete R250
Zugelassene Belastungswerte in Beton R 250/Charges admissibles sur béton armé R250**

| Articolo Article Artikel Article | Valori di estrazione Admitted loads Auszugswerte Charges admissibles |
|---|---|
| SAR 10 - M5 | 800 daN |
| SAR 12 - M6 | 1300 daN |
| SAR 14 - M8 | 1800 daN |
| SAR 16 - M10 | 2200 daN |
| SAR 18 - M10 | 2400 daN |
| SAR 18 - M12 | 2600 daN |
| SAR 20 - M12 | 2800 daN |

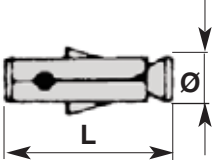
(1daN = ~ 1 kg)

N.B. - Consigliato un Fattore di sicurezza K = 0,33 - Empfohlener Sicherheitsfaktor K = 0,33
A safety factor K = 0.33 is recommended - Un coefficient de sécurité K = 0.33 est recommandé.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø | Ø x L | M x L1 |  |  | g  | Prezzo Price Prei Prix |
|---|---------------------------------------|---|---|-------|--------|---|---|--|---------------------------------|
|---|---------------------------------------|---|---|-------|--------|---|---|--|---------------------------------|

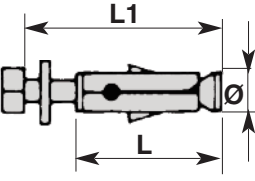
**SAR - Schermatura con espansore filettato
SAR - Shell complete with threaded expanding nut**

**SAR - Sprezhülse mit Gewindekonus
SAR - Cheville avec extenseur fileté conique**

| | | | | | | | | | |
|---|--------------|------------------|----|-------|---|-----|------|----|--|
|  | 10 2405 0005 | SAR 10/5 | 10 | 10x45 | - | 100 | 1000 | 11 | |
| | 10 2406 0006 | SAR 12/6 | 12 | 12x50 | - | 100 | 1000 | 16 | |
| | 10 2408 0008 | SAR 14/8 | 14 | 14x55 | - | 50 | 500 | 23 | |
| | 10 2409 0010 | SAR 16/10 | 16 | 16x60 | - | 25 | 250 | 31 | |
| | 10 2410 0010 | SAR 18/10 | 18 | 18x65 | - | 25 | 250 | 45 | |
| | 10 2411 0012 | SAR 18/12 | 18 | 18x65 | - | 20 | 200 | 40 | |
| | 10 2412 0012 | SAR 20/12 | 20 | 20x70 | - | 20 | 200 | 62 | |

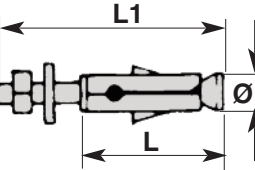
**SAR..TE - Tassello con vite 8.8 testa esag. e rondella
SAR..TE - Plug with 8.8 hex. Head Screw and Washer**

**SAR..TE - Dübel mit 6-Kant-Schraube 8.8 und Rondelle
SAR..TE - Cheville avec vis à tête hex. 8.8 et rondelle**

| | | | | | | | | | |
|--|--------------|-----------------------|----|-------|--------|-----|------|-----|--|
|  | 10 2405 0050 | SAR 10/5x50 TE | 10 | 10x45 | M5x50 | 100 | 1000 | 19 | |
| | 10 2406 0050 | SAR 12/6x60 TE | 12 | 12x50 | M6x60 | 100 | 1000 | 29 | |
| | 10 2408 0050 | SAR 14/8x60 TE | 14 | 14x55 | M8x60 | 50 | 500 | 48 | |
| | 10 2409 0050 | SAR 16/10x70TE | 16 | 16x60 | M10x70 | 25 | 250 | 79 | |
| | 10 2410 0050 | SAR 18/10x70TE | 18 | 18x65 | M10x70 | 25 | 250 | 93 | |
| | 10 2412 0050 | SAR 20/12x90TE | 20 | 20x70 | M12x90 | 20 | 200 | 149 | |

**SAR..PF - Tassello con perno filettato, dado e rondella
SAR..PF - Plug with threaded Pin, Nut and Washer**

**SAR..PF - Dübel mit Gewindestift, Mutter und Rondelle
SAR..PF - Cheville avec goupille filetée, écrou et rondelle**

| | | | | | | | | | |
|---|--------------|-------------------------|----|-------|---------|-----|------|-----|--|
|  | 10 2405 0150 | SAR 10/5x60 PF | 10 | 10x45 | M5x60 | 100 | 1000 | 20 | |
| | 10 2406 0150 | SAR 12/6x70 PF | 12 | 12x50 | M6x70 | 100 | 1000 | 32 | |
| | 10 2408 0150 | SAR 14/8x80 PF | 14 | 14x55 | M8x80 | 50 | 500 | 51 | |
| | 10 2409 0150 | SAR 16/10x85 PF | 16 | 16x60 | M10x85 | 25 | 250 | 86 | |
| | 10 2410 0150 | SAR 18/10x85 PF | 18 | 18x65 | M10x85 | 25 | 250 | 96 | |
| | 10 2412 0150 | SAR 20/12x100 PF | 20 | 20x70 | M12x100 | 20 | 200 | 166 | |

**Istruzioni per l'installazione
Installation Instructions**

**Installations Anweisungen
Instructions d'installation**



1 Foratura
Forare con punte di diametro idoneo

1 Drilling
By means of a suitable diameter point



1 Bohren
Mit entsprechendem Durchmesser bohren

1 Perçage
Perçer par pointe de diamètre opportun



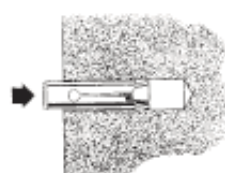
2 Pulizia
Pulire accuratamente il foro

2 Cleaning
Carefully clean the hole



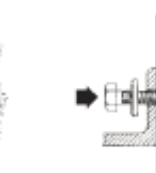
2 Reinigen
Bohrloch gründlich säubern

2 Nettoyage
Nettoyer soigneusement le trou



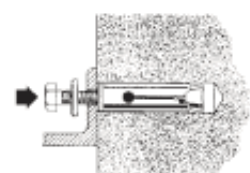
3 Inserimento
Inserire il tassello

3 Insertion
Insert the plug



3 Einführen
Dübel einführen

3 Insertion
Insérer le goujon



4 Fissaggio
Avvitare fino al bloccaggio

4 Fixing
Screw tight up to the final locking

4 Befestigen
Schrauben bzw. Mutter anziehen

4 Fixation
Serrer l'écrou jusqu'au blocage définitif

AR - Tassello di acciaio ad espansione

Caratteristiche

Composto da un tubetto espansibile, cono espansore filettato completo di viti o ganci di acciaio zincato. Filetti M4-M5-M6-M8.

- 1 Tubetto espansibile: Acciaio zincato
- 2 Cono espansore: Ottone OT 58
- 3 Viti, filetti e ganci: Acciaio zincato 4.4
- 4 Rondelle: Acciaio zincato 4.4

Impiego

Fissaggio meccanico rigido su cemento e muratura in genere.

Installazione a parete di oggetti leggeri e medio-pesanti.

Particolarmente adatto per elettricisti, idraulici, arredatori, falegnami, tappezzieri, carpentieri, ecc.

Carichi ammessi

Leggeri e medio-pesanti
Vedere tabella

AR - Expansion steel Plug

Features

Composed by an expandable tube, a threaded conical expander complete with galvanized steel screws or hooks. M4-M5-M6-M8 threads.

- 1 Expandable tube: Galvanized steel
- 2 Conical threaded expander: OT 58 Brass
- 3 Screws, threads and hooks: 4.4 galvanized steel
- 4 Washer: 4.4 galvanized steel

Use

Mechanical rigid fixing on concrete walls and masonry.

Wall mounting of light and middle-heavy objects.

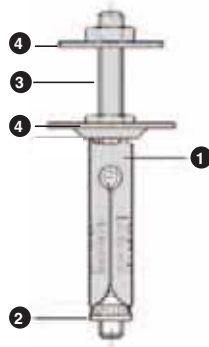
Particularly suitable for electricians, plumbers, carpenters, interior decorators, etc.

Admitted loads

Light and middle-heavy loads
See table



AR..TS



AR - Stahl Spreizdübel

Merkmale

Bestehend aus einer spreizbaren Stahlhülse, Spreizkegel mit Gewinde, Schrauben, Gewindestifte und Gewindehaken mit M4- M5- M6- und M8-Gewinde.

- 1 Stahlhülse: Stahl verzinkt
- 2 Spreizkegel: Messing OT 58
- 3 Schrauben, Haken, Gewindest.: Stahl 4.4 verz.
- 4 Rondelle: Stahl 4.4 verz.

Einsatz

Mechanische Befestigung generell auf Beton und Mauerwerk.

Wandbefestigung von leichten und mittelschweren Gegenständen. Besonders empfohlen für Elektriker, Sanitär-Installation, Schreiner, Ausrüster usw.

Zugelassene Belastung

Leichte und mittelschwere
Siehe Tabelle

AR - Cheville en acier à expansion

Caractéristiques

Formée d'un tube en acier expansible, cône d'extension fileté complète par une vis ou un crochet, avec tige fileté M4 M5-M6-M8.

- 1 Tube expansible: Acier galvanisé
- 2 Extenseur fileté conique: Laiton OT 58
- 3 Vis, tige fileté et crochet: Acier galvanisé 4.4
- 4 Rondelle: Acier galvanisé 4.4

Emploi

Fixations mécanique rigide sur béton et maçonnerie. Montage à paroi d'objets légers et moyens-lourds.

Particulièrement conseillé aux électriciens, plombiers, charpentiers, décorateurs, etc.

Charges admissibles

Légères et moyennes-lourdes
Voir table

**Carichi ammessi su C.A. R 250/Admitted loads on concrete R250
Zugelassene Belastungswerte in Beton R 250/Charges admissibles sur béton armé R250**

| Articolo Article Artikel Article | Valori di estrazione Admitted loads Auszugswerte Charges admissibles |
|---|---|
| AR 8/4 | 300 daN |
| AR 9/5 | 350 daN |
| AR 12/6 | 950 daN |
| AR 12/8 | 980 daN |

(1daN ≈ 1 kg)

**N.B. - Consigliato un Fattore di sicurezza K = 0,33 - Empfohlener Sicherheitsfaktor K = 0,33
A safety factor K = 0.33 is recommended - Un coefficient de sécurité K = 0.33 est recommandé.**

**Istruzioni per l'installazione
Installation Instructions**

**Installations Anweisungen
Instructions d'installation**



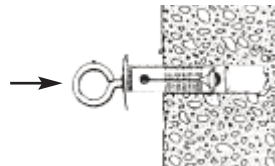
1 Foratura
Forare con punte di diametro idoneo.

1 Bohren
Mit entsprechendem Durchmesser bohren



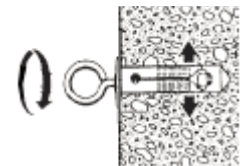
2 Pulizia
Pulire bene il foro

2 Reinigen
Bohrloch gut säubern



3 Inserimento
Inserire il tassello

3 Einführen
Dübel einführen



4 Fissaggio
Avvitare a fondo.

4 Befestigen
Fest anziehen

1 Drilling
By means of a quality drill.

1 Percage
Perçer par pointe de diamètre opportun

2 Cleaning
Clean hole

2 Nettoyage
Nettoyer le trou

3 Insertion
Insert the plug

3 Insertion
Insérer la cheville

4 Fixing
Final locking.

4 Fixation
Serrer l'écrou




**SOLUZIONI
PER L'INSTALLAZIONE**

**SOLUTIONS
FOR INSTALLATIONS**



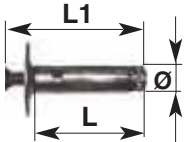
**LÖSUNGEN
FÜR INSTALLATIONEN**

**SOLUTIONS
POUR L'INSTALLATION**

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø | ØxL | MxL1 |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|-----|------|---|---|--|----------------------------------|
|---|---------------------------------------|---|---|-----|------|---|---|--|----------------------------------|

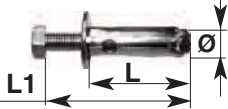
AR..TS - Tassello con vite testa svasata POZI
AR..TS - Plug with countersunk POZI Screw

AR..TS - Dübel mit POZI Senkkopf-Schraube
AR..TS - Cheville avec vis POZI fraisée

| | | | | | | | | | |
|---|--------------|---------------------|---|------|-------|-----|------|----|--|
|  | 20 0101 1145 | AR 8/4x45 TS | 8 | 8x40 | M4x45 | 100 | 1000 | 10 | |
| | 20 0101 1155 | AR 8/4x55 TS | 8 | 8x40 | M4x55 | 100 | 1000 | 11 | |
| | 20 0102 1145 | AR 9/5x45 TS | 9 | 9x45 | M5x45 | 100 | 1000 | 17 | |
| | 20 0102 1155 | AR 9/5x55 TS | 9 | 9x55 | M5x55 | 100 | 1000 | 18 | |

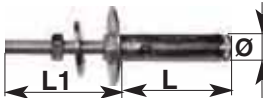
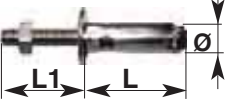
AR..TE - Tassello con vite testa esagonale e rondella
AR..TE - Plug with Hexagonal Head Screw and Washer

AR..TE - Dübel mit 6-Kant-Schraube und Rondelle
AR..TE - Cheville avec vis à tête hexagonale et rondelle

| | | | | | | | | | |
|---|--------------|----------------------|----|-------|-------|-----|------|----|--|
|  | 20 0105 0016 | AR 12/6x50 TE | 12 | 12x45 | M6x50 | 100 | 1000 | 29 | |
| | 20 0106 0018 | AR 12/8x55 TE | 12 | 12x45 | M8x55 | 100 | 1000 | 42 | |


AR..PF - Tassello con perno filettato, dado e rondella
AR..PF - Plug with threaded Pin, Nut and Washer

AR..PF - Dübel mit Gewindestift, Mutter und Rondelle
AR..PF - Cheville avec tige filetée, écrou et rondelle

| | | | | | | | | | |
|---|--------------|----------------------|----|-------|-------|-----|------|----|--|
|  | 20 0101 0022 | AR 8/4x40 PF | 8 | 8x40 | M4x40 | 100 | 1000 | 17 | |
| | 20 0102 0122 | AR 9/5x40 PF | 9 | 9x45 | M5x40 | 100 | 1000 | 26 | |
|  | 20 0105 0026 | AR 12/6x30 PF | 12 | 12x45 | M6x30 | 100 | 1000 | 31 | |
| | 20 0106 0028 | AR 12/8x30 PF | 12 | 12x45 | M8x30 | 100 | 1000 | 47 | |

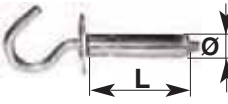
AR..GC - Tassello gancio corto
AR..GC - Short hook Plug

AR..GC - Dübel mit kurzem Haken
AR..GC - Cheville avec crochet court

| | | | | | | | | | |
|---|--------------|------------------|---|------|---|-----|------|----|--|
|  | 20 0101 0040 | AR 8/4 GC | 8 | 8x40 | - | 100 | 1000 | 11 | |
| | 20 0102 0140 | AR 9/5 GC | 9 | 9x45 | - | 100 | 1000 | 19 | |

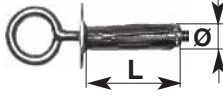
AR..OA - Tassello con occhio aperto
AR..OA - Open eye Plug

AR..OA - Dübel mit offener Öse
AR..OA - Cheville avec anneau ouvert

| | | | | | | | | | |
|---|--------------|------------------|---|------|---|-----|------|----|--|
|  | 20 0101 0060 | AR 8/4 OA | 8 | 8x40 | - | 100 | 1000 | 14 | |
| | 20 0102 0160 | AR 9/5 OA | 9 | 9x45 | - | 100 | 1000 | 24 | |

AR..OC - Tassello con occhio chiuso
AR..OC - Closed eye Plug

AR..OC - Dübel mit geschlossener Öse
AR..OC - Cheville avec anneau fermé

| | | | | | | | | | |
|---|--------------|------------------|---|------|---|-----|------|----|--|
|  | 20 0101 0070 | AR 8/4 OC | 8 | 8x40 | - | 100 | 1000 | 15 | |
| | 20 0102 0170 | AR 9/5 OC | 9 | 9x45 | - | 100 | 1000 | 25 | |

DS - Fissaggio con ancorina a scatto

Caratteristiche

Ancorina con apertura automatica a molla che divarica le 2 alette. Ancoraggio sicuro e veloce in materiali o spazi vuoti.

- 1 Molla: Acciaio armonico
- 2 Aletta: Acciaio 4.4 zincato
- 3 Perno centrale: M4 e M6 Ottone OT 58
M8 e M10 Acciaio 4.4 zincato
- 4 Vite/gancio: Acciaio 4.4 zincato
- 5 Rondella: Acciaio 4.4 zincato

Impiego

Impiegabile su plafoni, intercarpedini, mattoni forati, pannellature e simili.

Installazione leggera, medio-pesante.

Adatta per elettricisti, installatori di tende da sole, carpentieri, impianti di condizionamento.

Carichi ammessi

Leggeri e medio-pesanti .

Vedere tabella



DS

DS - Release anchor Fastener

Features

Steel anchor with opening driven by strong springs which spread apart the 2 tongues.

Safe and quick anchorage in materials presenting suitable internal empty spaces, which allow their installation.

- 1 Spring: Harmonic Steel
- 2 Tongue: 4.4 Galvanized Steel
- 3 Central pin M4 and M6 Brass OT 58
M8 and M10 Galv. Steel 4.4
- 4 Screw/Hook: 4.4 Galvanized Steel
- 5 Washer: 4.4 Galvanized Steel

Use

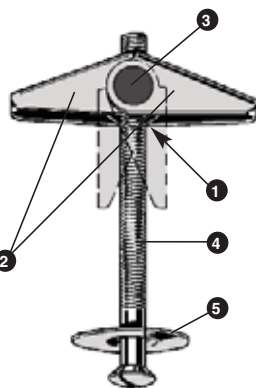
Ceilings, hollow spaces, perforated bricks, hollow tiles, panelworks, etc. Light, middle and heavy installations.

Ideal for electricians, sunshades installers, carpenters, in air conditioning and heating systems.

Admitted Loads

Light, middle, heavy.

See table.



DS - Federklappdübel

Merkmale

Ein automatisches Aufklappen der zwei Stahlflügel in einem Holraum, erfolgt durch Wirkung der Stahlfeder.

- 1 Feder: Harmon. Stahl
- 2 Stahlflügel: Stahl 4.4 verzinkt
- 3 Querbolzen: M4 und M6 Messing OT 58
M8 und M10 Stahl 4.4 verz.
- 4 Schraube/Haken: Stahl 4.4 verzinkt
- 5 Rondelle: Stahl 4.4 verzinkt

Einsatz

Decken- und Holraum Befestigungen, sowie an Paneelen und Holsteine.

Leichte bzw. mittelschwere Belastung, entsprechend dem Gewinde.

Elektro- u. Sanitär-Anlagen, Kühl- u. Heiz-Anlagen.

Belastungswerte

Leichte und mittelschwere

Siehe Tabelle

DS - Cheville à ressort

Caractéristiques

Cheville acier avec une ouverture par ressort puis sans et griffes.

Les griffes d'accroche évitent la rotation lors du montage. Fixation rapide et sûre dans les matériaux légers creux.

- 1 Ressort: Acier harmonique
- 2 Griffes: Acier galvanisé 4.4
- 3 Axe central: M4 et M6 en Laiton OT 58
M8 et M10 en Acier 4.4.
- 4 Vis/Crochet: Acier galvanisé 4.4
- 5 Rondelle: Acier galvanisé 4.4

Emploi

Eclairage et installations légères en faux plafond. Idéal pour les aménagements électriques, courant faible et climatiques.

Montage par M8 ou M10 pour des charges plus lourdes (canalisation, tuyauterie etc.).

Charges admissibles

Légères et moyennes-lourdes.

Voir table

| Carichi ammessi/Admitted loads Zugelassene Auszugswerte/Charges admissibles | |
|--|--|
| Articolo Article Artikel Article | Valori di resistenza su profilato di acciaio Resistance values on steel sections Auszugswerte auf Stahlprofil Valeur de résistance sur profilé inox |
| DS 4 | 300 daN |
| DS 6 | 400 daN |
| DS 8 | 600 daN |
| DS 10 | 700 daN |




(1daN = ~ 1 kg)

Le prove di trazione sono state eseguite su profilato di acciaio per accertare l'effettiva resistenza meccanica della farfalla. Su muratura la resistenza è variabile a seconda del materiale su cui viene applicata l'ancorina.

The tensile stress tests have been performed on a steel section to check the real mechanical resistance of the butterfly. On masonry resistance varies, depending on the material where the anchor hook is fastened.

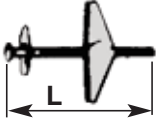
Belastungsproben der Federklappdübel wurden auf Stahlprofil durchgeführt um die mechanische Festigkeit zu testen. Bei Mauerwerk ist die Belastung stets von der Festigkeit des Baumaterials abhängig.

Les test d'effort ont été faits sur une section en acier pour vérifier la véritable résistance du dispositif de bascule. Sur maçonnerie la résistance varie en fonction du matériel ou la cheville à ressort est montée

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø | M: x L |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|---|--------|---|---|--|----------------------------------|
|---|---------------------------------------|---|---|--------|---|---|--|----------------------------------|


DS..TS - Ancorina a scatto con vite testa svasata POZI
DS..TS - Release-Anchor with Countersunk POZI Screw

DS..TS - Federklappdübel mit POZI Senkkopf-Schraube
DS..TS - Cheville à ressort avec vis fraisée POZI

| | | | | | | | | |
|---|--------------|------------------|----|-------|-----|------|----|--|
|  | 20 0301 0601 | DS 4x75TS | 15 | M4x75 | 100 | 1000 | 17 | |
| | 20 0306 6601 | DS 6x90TS | 20 | M6x90 | 100 | 1000 | 42 | |

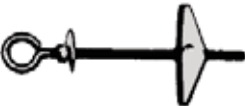
DS..OA - Ancorina a scatto con occhio aperto
DS..OA - Release-Anchor Fastener with open Eye

DS..OA - Federklappdübel mit offener Öse
DS..OA - Cheville à ressort avec anneau ouvert

| | | | | | | | | |
|---|--------------|----------------|----|----|-----|------|----|--|
|  | 20 0301 0602 | DS 4 OA | 15 | M4 | 100 | 1000 | 21 | |
| | 20 0306 6602 | DS 6 OA | 20 | M6 | 100 | 1000 | 49 | |

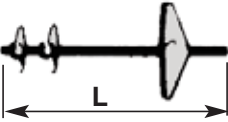
DS..OC - Ancorina a scatto con occhio chiuso
DS..OC - Release-Anchor Fastener with closed Eye

DS..OC - Federklappdübel mit geschlossener Öse
DS..OC - Cheville à ressort avec anneau fermé

| | | | | | | | | |
|--|--------------|----------------|----|----|-----|------|----|--|
|  | 20 0301 0603 | DS 4 OC | 15 | M4 | 100 | 1000 | 22 | |
| | 20 0306 6603 | DS 6 OC | 20 | M6 | 100 | 1000 | 50 | |

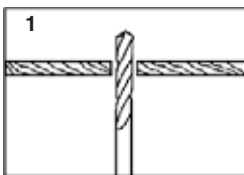
DS..PF - Ancorina a scatto con perno filettato
DS..PF - Release-Anchor Fastener with threaded Pin

DS..PF - Federklappdübel mit Gewindestift
DS..PF - Cheville à ressort avec tige filetée

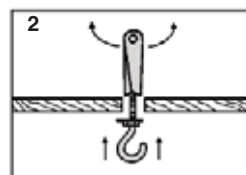
| | | | | | | | | |
|---|--------------|--------------------|----|---------|-----|------|-----|--|
|  | 20 0301 0604 | DS 4x80 PF | 15 | M4x80 | 100 | 1000 | 21 | |
| | 20 0306 6604 | DS 6x100PF | 20 | M6x100 | 100 | 1000 | 49 | |
| | 20 0307 0004 | DS 8x100PF | 25 | M8x100 | 50 | 500 | 85 | |
| | 20 0308 0004 | DS 10x100PF | 30 | M10x100 | 50 | 500 | 144 | |

Istruzioni per l'installazione
Installation Instructions

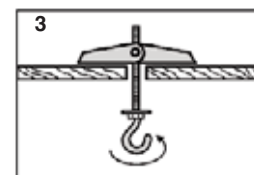
Installations Anweisungen
Instructions pour l'installation



Foratura Bohren
Drilling Perçage
DS4 = ø 15
DS6 = ø 20
DS8 = ø 25
DS10 = ø 30



Inserimento
Insertion
Einführen
Insertion



Fissaggio automatico
Automatic Fixing
Automatische Verankerung
Fixation automatique

AM - Tassello filettato di acciaio

Caratteristiche

Tassello di acciaio costituito da un corpo cilindrico con quattro intagli, con filetti interni M5 - M6 - M8 - M10 e M12. Tacche radiali assicurano una migliore presa. Il fissaggio risulta veloce previo montaggio della vite e inserimento nel muro attraverso l'oggetto. Raccomandato nell'installazione di finestre di alluminio per evitare corrosioni galvaniche di contatto.

- ① Corpo cilindrico
- ② Intaglio d'espansione
- ③ Filetto interno M5 - M6 - M8 - M10 e M12
- ④ Tacche radiali di presa

Materiale

Acciaio zincato.

Impiego

Cemento, mattoni pieni, muratura compatta in genere. Adatto per elettricisti, idraulici, arredatori, lattonieri, particolarmente per rivestimenti di stabili (marmo, pannellature e simili).

Carichi ammessi

Leggeri medi.
Vedere tabella



AM

AM - Gewinde- Stahl- Spreizdübel

Merkmale

Dübelkörper bestehend aus rundgeförmtem Stahlblech mit Einschnitten und Innengewinde M5 - M6 - M8 - M10 und M12. Radiale Krallen sichern einen besseren Halt auf kompaktem Mauerwerk. Leichte und schnelle Durchsteckmontage mit Schraubenbefestigung. Empfehlbar für Alu-Fensterrahmen gegen Korrosionseffekt.

- ① Dübelkörper
- ② Einschnitt
- ③ Innengewinde M5 - M6 - M8 - M10 und M12
- ④ Radiale Krallen

Material

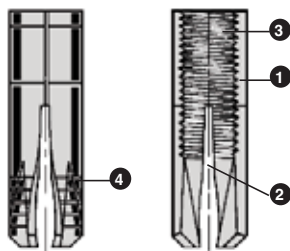
Stahl verzinkt

Einsatz

Durchsteckmontage mit Schrauben in Beton und festem Mauerwerk. Besonders geeignet für Fensterrahmen, Panelen, Plattenbefestigung usw. Empfohlen in Elektro- und Sanitaer-Anlagen.

Auszugswerte

Leichte und mittlere
Siehe Tabelle



AM - Steel Threaded Plug

Features

Steel plug consisting of a body with 4 notches. Internal metric threading M5 - M6 - M8 - M10 and M12 for metric screws. Radial notches for a better grip. Quick fixing by a few screwdriver turns. Recommended in case of frames and aluminium windows as it prevents from galvanic contact corrosion.

- ① Body
- ② Notch
- ③ Internal metric thread. M5 - M6 - M8 - M10 and M12
- ④ Radial notches

Material

Galvanized steel.

Use

Concrete and solid bricks walls. Compact masonry in general. Light and middle installation. Suitable for electricians, plumbers, shopfitters, tinsmiths. Particularly suggested when panelling, marble lining, etc.

Admitted loads

Light and heavy loads.
See table

AM - Cheville fileté en acier

Caractéristiques

Cheville acier constituée d'un corps avec 4 entailles. Taraudage M5 - M6 - M8 - M10 et M12. Entailles radiales pour une meilleure tenue. Fixation rapide par quelques tours de tournevis. Fixation recommandée pour des armatures type fenêtre aluminium empêchant la corrosion par couple électromagnétique.

- ① Corps
- ② Entaille
- ③ Taraudage M5 - M6 - M8 - M10 et M12
- ④ Entailles radiales

Matériel

Acier galvanisé

Emploi




Béton et briques pleines, maçonnerie compacte en generale. Montage d'installation légère et charges moyennes. Cheville appropriée électriciens, plombiers. Particulièrement appropriée au marbre.

Charges admissibles

Légères et moyennes.
Voir table

AM - Tassello di acciaio a filettatura interna
AM - Steel Plug with internal Threading

AM - Stahl Spreizdübel mit Innengewinde
AM - Cheville en acier avec filetage intérieur

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Filetto Thread Gewinde Filetage | Ø x L | Ø |  |  | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---------|----|---|---|----|----------------------------------|
|  | 20 0602 0412 | AM 5 | M5 | 6,5x25 | 7 | 100 | 1000 | 2 | |
| | 20 0602 0413 | AM 6 | M6 | 8x30 | 8 | 100 | 1000 | 4 | |
| | 20 0602 0414 | AM 8 | M8 | 10,5x38 | 11 | 100 | 1000 | 9 | |
| | 20 0602 0415 | AM 10 | M10 | 12,5x41 | 13 | 100 | 500 | 13 | |
| | 20 0602 0416 | AM 12 | M12 | 15x44 | 15 | 100 | 500 | 18 | |

Istruzioni per l'installazione
Installation Instructions

Installations Anweisungen
Instructions pour l'installation



1 Foratura

Forare attraverso l'oggetto

1 Bohren

Gegenstand durchbohren

1 Drilling

Drill through the object

1 Perçage

Perçer à travers l'objet



2 Pulizia

Pulire accuratamente il foro.

2 Reinigen

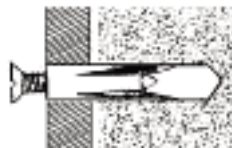
Bohrloch gründlich säubern.

2 Cleaning

Carefully clean the hole.

2 Nettoyage

Nettoyer soigneusement le trou.



3 Inserimento

Inserire il tassello premontato su vite.

3 Einführen

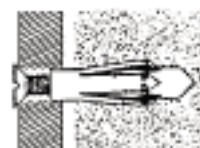
Vormontierten Dübel einführen

3 Insertion

Insert the pre-mounted plug.

3 Insertion

Insérer la cheville pré-montée



4 Fissaggio

Avvitare fino al bloccaggio

4 Befestigen

Schraube fest anziehen

4 Fixing

Tighten to lock

4 Fixation

Serrer jusqu'au blocage

Carichi ammessi su C.A. R 250/Admitted loads on concrete R250
Zugelassene Belastungswerte in Beton R 250/Charges admissibles sur béton armé R250

| Articolo Article Artikel Article | Valori di estrazione Admitted loads Auszugswerte Charges admissibles |
|---|---|
| AM 5 | 350 daN |
| AM 6 | 600 daN |
| AM 8 | 1200 daN |
| AM 10 | 1350 daN |
| AM 12 | 1500 daN |

(1daN = ~ 1 kg)

N.B. - Consigliato un Fattore di sicurezza K = 0,33 - Empfohlener Sicherheitsfaktor K = 0,33
A safety factor K = 0.33 is recommended - Un coefficient de sécurité K = 0.33 est recommandé.

OM - Tassello filettato di ottone

Caratteristiche

Tassello a corpo cilindrico in ottone, suddiviso da 4 o 6 intagli, con filetti interni M4 - M5 - M6 - M8 - M10 - M12 - M14 e M16. La zigrinatura esterna assicura una miglior presa nel foro. Il fissaggio previo montaggio della vite, è veloce. Inserimento nel muro anche attraverso l'oggetto.

- 1 Corpo cilindrico
- 2 Intaglio d'espansione
- 3 Filetto int. M4 - M5 - M6 - M8 - M10 - M12 - M14 e M16
- 4 Zigrinatura esterna

Materiale

Ottone OT58

Impiego

Fissaggio su cemento, mattoni pieni, muratura compatta in genere. Adatto per elettricisti, idraulici, arredatori, lattonieri, particolarmente per l'edilizia (fissaggio lastre di marmo).

Carichi ammessi

Leggeri e medi/pesanti.
Vedere tabella.



OM

OM - Messing Gewinde Dübel

Merkmale

Zylindrischer Dübel mit vier bzw. sechs Einschnitten mit M4 - M5 - M6 - M8 - M10 - M12 - M14 und M16 Innengewinde, äussere Rändelung für einen guten Halt im Mauerwerk. Besonders geeignet für eine leichte und schnelle Durchsteckmontage für Schraubenbefestigung.

- 1 Zylindrischer Dübelkörper
- 2 Mehrfache Einschnitt
- 3 Gewinde M4-M5-M6-M8-M10-M12-M14 und M16
- 4 Äussere Rändelung

Material

Messing OT 58

Einsatz

Durchsteckmontage mit Schrauben in Beton und festem Mauerwerk. Besonders geeignet für Fensterrahmen- Panele- und Platten- Befestigung. Empfohlen in Elektro- und Sanitär-Anlagen, Bau und Schreinerei.

Auszugswerte

Leichte und mittelschwere
Siehe Tabelle

OM - Threaded Brass Plug

Features

Brass body plug presenting 4 or 6 notches. Internal metric threading M4 - M5 - M6 - M8 - M10 - M12 - M14 - M16. Outside knurling for a better gripping. Quick fixing by screw mounting and insertion in the wall through the object. Rapid locking.

- 1 Body
- 2 Notch
- 3 Threading
- 4 Outside knurling

Material

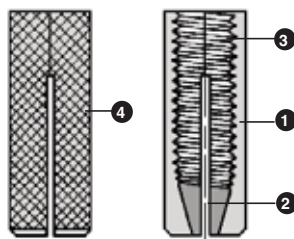
OT 58 brass

Use

Concrete and solid bricks walls. Compact masonry in general. Light and middle installation. Suitable for electricians, plumbers, shopfitters, tinsmiths. Particularly suggested when panelling, marble lining, etc.

Admitted loads

Light and middle-heavy loads.
See table



OM - Cheville fileté en laiton

Caractéristiques

Cheville avec corps en laiton qui présente de 4 à 6 entailles. Filetage interne M4 - M5 - M6 - M8 - M10 - M12 - M14 - M16. Moletage extérieur pour un meilleur cramponnement. Fixation rapide par montage de la vis et insertion dans le mur à travers l'objet. Blocage rapide.

- 1 Corps
- 2 Entaille
- 3 Filetage
- 4 Moletage extérieur

Matériel

Laiton OT 58

Emploi

Béton et briques pleines, maçonnerie compacte en général. Montage d'installation légère et charges moyennes. Cheville suggérée pour électriciens, plombiers, charpentiers. Appropriée au marbre.

Charges admissibles

Légères et moyennes-lourdes.
Voir table

OM - Tassello di ottone a filettatura interna
OM - Brass Plug with internal Threading

OM - Messing Spreizdübel mit Innengewinde
OM - Cheville en laiton avec filetage intérieur

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Filetto Thread Gewinde Filetage | Ø x L | Ø | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|--------|----|-----|------|----------------------------------|
| | 20 0601 0401 | OM 4 | M4 | 5x16 | 5 | 100 | 1000 | 1 |
| | 20 0601 0402 | OM 5 | M5 | 6,5x21 | 7 | 100 | 1000 | 2 |
| | 20 0601 0403 | OM 6 | M6 | 8x23 | 8 | 100 | 1000 | 5 |
| | 20 0601 0404 | OM 8 | M8 | 10x28 | 10 | 100 | 1000 | 8 |
| | 20 0601 0405 | OM 10 | M10 | 12x33 | 12 | 100 | 500 | 13 |
| | 20 0601 0406 | OM 12 | M12 | 15x38 | 15 | 100 | 500 | 24 |
| | 20 0601 0410 | OM 14 | M14 | 18x42 | 18 | 100 | 500 | 40 |
| | 20 0601 0416 | OM 16 | M16 | 20x45 | 20 | 100 | 500 | 51 |

Istruzioni per l'installazione
Installation Instructions

Installations Anweisungen
Instructions pour l'installation



1 Foratura
Forare attraverso l'oggetto

1 Drilling
Drill through the object



1 Bohren
Gegenstand durchbohren

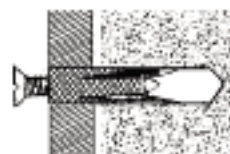
1 Perçage
Perçer à travers l'objet

2 Pulizia
Pulire accuratamente il foro.

2 Cleaning
Carefully clean the hole.

2 Reinigen
Bohrloch gründlich säubern.

2 Nettoyage
Nettoyer soigneusement le trou.

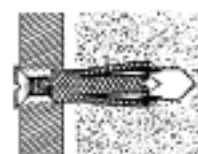


3 Inserimento
Inserire il tassello premontato su vite.

3 Insertion
Insert the pre-mounted plug.

3 Einführen
Vormontierten Dübel einführen

3 Insertion
Insérer la cheville pré-montée



4 Fissaggio
Avvitare fino al bloccaggio

4 Fixing
Tighten to lock

4 Befestigen
Schraube fest anziehen

4 Fixation
Serrer jusqu'au blocage

Carichi ammessi su C.A. R 250/Admitted loads on concrete R250
Zugelassene Belastungswerte in Beton R 250/Charges admissibles sur béton armé R250

| Articolo Article Artikel Article | Valori di estrazione Admitted loads Auszugswerte Charges admissibles |
|---|---|
| OM 4 | 180 daN |
| OM 5 | 220 daN |
| OM 6 | 250 daN |
| OM 8 | 420 daN |
| OM 10 | 600 daN |
| OM 12 | 1350 daN |
| OM 14 | 1500 daN |
| OM 16 | 1700 daN |

(1daN = ~ 1 kg)

N.B. - Consigliato un Fattore di sicurezza K = 0,33 - Empfohlener Sicherheitsfaktor K = 0,33
A safety factor K = 0.33 is recommended - Un coefficient de sécurité K = 0.33 est recommandé.

SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

PBC 380 - Ancorante chimico in cartuccia
RESINA POLIESTERE

Resina bicomponente (poliestere + catalizzatore) a indurimento rapido, iniettabile con pistola **PCC**. I due componenti vengono miscelati nell'ugello della cartuccia.

Impiego

Consigliato per fissaggi medi e pesanti. Ideale su calcestruzzo, muratura piena e pietra. Impiegabile anche su materiali forati usando l'apposita calza **SOC**. Ottimo su materiali friabili con funzione agglomerante.

Adatto al fissaggio comodo di inserti metallici come barrette e filetti.

Durante l'estrusione i due componenti si amalgamano omogeneamente nell'ugello.

Vanno scartati i primi centimetri di resina estrusa.

In presenza di resina indurita all'interno dell'ugello miscelatore, si cambi l'ugello stesso per riutilizzare la cartuccia.

Igiene e sicurezza - Stoccaggio

La resina PBC è irritante per gli occhi e per la pelle. E' nociva se inalata. E' infiammabile.

Per le norme di sicurezza, seguire le precauzioni d'uso indicate sulla cartuccia.

Conservare le cartucce al riparo da sole e calore.

Osservare la date di scadenza esposte sulla confezione e sull'etichetta.

Carichi ammessi

Vedere tabella.



PBC 380

PBC 380 - Chemischer Kartusche Verbundanker
POLYESTER HARZ

Schnellhärtende, mit Handpistole **PCC** ausspritzbare Zweikomponenten Masse (Polyester + Härter). Die zwei Komponenten werden in der Düse vermischt.

Einsatz

Für mittelschwere und schwere Lasten bestens empfohlen. Ideal für Beton, Stein und festes Mauerwerk.

Auch in Hohlziegel mittels **SOC** Siebhülse verwendbar. Ideal als Verbundmittel bei bröckeligem Material.

Angebracht für die Befestigung von Metallteile wie Gewindestangen und Profildabschnitten

Die zwei Komponenten der Kartusche vermischen sich homogen in der Düse bei der Verarbeitung.

Die ersten ausgespritzten Zentimeter Masse sollen entfernt werden.

Düse soll ersetzt werden wenn innen die Verbundmasse verhärtet ist.

Hygiene und Sicherheit - Lagerung

PBC ist reizend für die Augen und für die Haut und ist schädlich wenn eingeatmet. Brandfördernd.

Angegeben Sicherheitsvorschriften wie auf der Kartusche beschrieben folgen.

Kartusche vor Sonne und Wärme schützen.

Den auf dem Etikett angegebenen Gültigkeitsdatum beachten.

Zugelassene Belastungswerte

Siehe Tabelle.

PBC 380 - Chemical Fixing Cartridge
POLYESTER RESIN

Rapid hardening, two components resin (polyester + catalyst), to be injected by a special **PCC** model manual pistol. The two components are mixed up in the cartridge nozzle.

Use

Recommended for middle-heavy and heavy loads. Ideal on concrete walls, hard brick masonry and stone.

It can be used on hollow brick walls by using the **SOC** stocking.

Very good on crumbly materials, with an agglomerating function.

Suitable for the insertion of metal parts such as small bars and threads.

During the extrusion phase the two components homogeneously amalgamate in the nozzle. The first extruded centimetres are to be rejected. In case of resin hardened in the mixing nozzle, in order to go on using the cartridge, the obstructed nozzle has to be replaced.

Hygiene and Security - Storage

The **PBC** resin is irritant for one's eyes and skin. It is injurious for one's health, if inhaled. Flammable.

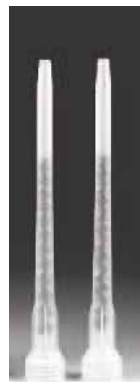
As to the safety norms, please follow the precautions shown on the cartridge.

Keep cartridges away from sunlight and from heat sources.

Pay attention to the expiring date shown on the packaging and on the label.

Admitted Loads

See table



UMC

PBC 380 - Fixation chimique en cartouch
RESINE POLYESTER

Résine à deux composants (polyester + catalyseur), à durcissement rapide, à injecter par pistolet manuel mod. **PCC**. Les deux composants sont mélangés dans la buse de la cartouche.

Emploi

Conseillée pour les fixations moyennes et lourdes. Idéale sur maçonnerie, béton et pierre.

Par la chaussette spéciale **SOC**, elle peut être employée sur de matériels perforés.

Très bonne sur de matériels friables avec fonction agglomerante. Indiquée pour la fixation d'inserts métalliques comme barreaux et tiges filetées.

Durant l'extrusion les deux composants s'amalgament homogènement dans la buse mélangeuse.

Les premiers centimètres de résine extrudée, sont à éliminer. Au cas où la résine durcit à l'intérieur de la buse mélangeuse, il faut changer la buse même pour remplacer la cartouche.

Hygiène et sécurité - Stockage

La résine **PBC** est irritante pour les yeux et pour la peau. Elle est nuisible à la santé, si inhalée. Inflammable.

Pour ce qui concerne les normes de sécurité, suivre les précautions d'emploi indiquées sur la cartouche.

Conserver les cartouches à l'abri du soleil et de la chaleur.

Faire attention à la date de péremption montrée sur l'emballage et sur l'étiquette.

Charges admissibles






Voir table

PBC 380 - Resina POLIESTERE
bicomponente in cartuccia

PBC 380 - POLYESTER zweikomp.
Mörtelmasse in Kartusche





PBC 380 - Two components POLYESTER
Resin in cartridge

PBC 380 - Resine POLYESTER
en cartouche

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cartuccia Cartridge Kartusche Cartouche |  |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|--|---|---|--|----------------------------------|
|  | FM 9003 0380 | PBC 380 | 380 ml | SPECIAL PCC pistol | 12 PBC + 24 UMC | | 806 | |

UMC - ugello miscelatore (ricambio)
UMC - Mixing Nozzle (Spare Part)

UMC - Misch Düse (Ersatzteile)
UMC - Buse mélangeuse (rechange)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiego Use Verwendung Emploi |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | FM 9000 0200 | UMC | PBC 380 EBC 380 NS | 24 | | 8 | |

SOC - Calza di contenimento per iniezioni
di resine in mattoni forati, da cartucce

Material: P.A.

SOC - Siebhülse für Einspritz-Verbundmasse
in Hohlziegel aus Kartuschen





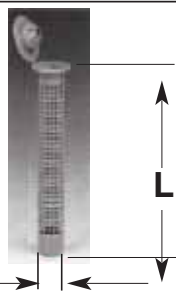
Material: P.A.

SOC - Special Stocking for Resin injection
in Hollow bricks

Material: P.A.

SOC - Chaussette spéciale pour résines
en de matériels perforés

Matériel: P.A.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | Ø  |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------|--|---|---|--|----------------------------------|
|  | FM 9000 1250 | SOC12/50 | 12x45 | 12 | 24 | 240 | 1 | |
| | FM 9000 1585 | SOC15/85 | 15x80 | 15 | 24 | 240 | 2 | |
| | FM 9000 1530 | SOC15/130 | 15x125 | 15 | 24 | 240 | 2 | |
| | FM 9000 2085 | SOC20/85 | 20x80 | 20 | 24 | 240 | 2 | |

PCC - Pistola speciale per iniezione da cartuccia

Material: Acciaio zincato e lega leggera

PCC - Spezielle Einspritz-Pistole für Kartuschen





Material: Stahl verzinkt und Leichtmetall

PCC - Special pistol for injection from Cartridge

Material: Galvanized steel and

PCC - Pistolet spécial pour injection de cartouche

Matériel: Acier galvanisé et

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cartuccia Cartridge Kartusche Cartouche |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | FM 9000 0380 | PCC | PBC 380 - EBC 380 NS | 1 | 10 | 954 | |

EBC 280 NS - EBC 380 NS (Senza stirolo)
Ancoranti chimici di EPOSSIACRILATO, in cartuccia

Le resine bicomponenti EBC (**epossiacrilato senza stirolo + catalizzatore**) sono a indurimento rapido, **adatte anche per fissaggi in presenza di acqua**. L'assenza di stirolo riduce l'emissione di vapori tossici, e ne permette l'uso anche in ambienti chiusi. **Non sono infiammabili**; vengono iniettate nel foro con una pistola.

Per cartuccia EBC 380 NS usare la pistola speciale PCC.
Per cartuccia EBC 280 NS una pistola normale da siliconi.
Durante l'iniezione i due componenti vengono miscelati nell'ugello della cartuccia. Vanno scartati i primi centimetri di resina estrusa. In presenza di resina indurita all'interno dell'ugello miscelatore, si cambi l'ugello stesso per riutilizzare la cartuccia.

Impiego

Consigliata per fissaggi medi e pesanti. Ideale su pietra, calcestruzzo, muratura piena. Impiegabile anche su forati usando le apposite calze **SOC**. Ottimo su materiali friabili con funzione agglomerante. Ideale per carichi elevatissimi. Posa di parapetti, barre filettate, profilati, specialmente in ambienti chiusi, ovunque vengano richiesti carichi elevati, anche in presenza di acqua.

Igiene e sicurezza - Stoccaggio

L'ancorante chimico **EBC 280-380 NS** è conforme alle norme **NFP 18-831** e **NFP 18-836**. La resina **EBC 280-380 NS**, senza stirolo non è infiammabile. Utilizzabile anche in ambienti poco ventilati. Per le norme di igiene e sicurezza, seguire le precauzioni d'uso indicate sulla cartuccia. **Osservare le date di scadenza espresse sulla confezione.**

Carichi ammessi

Vedere tabella.



EBC 280 NS



EBC 380 NS



UMC

EBC 280 NS - EBC 380 NS (Styrene free)
EPOXY ACRYLATE Chemical Fixing in Cartridge

The two components EBC resins (**epoxy acrylate styrene free + catalyst**) are rapidly hardening.

They are suitable also for fixings in the presence of water.

The lack of styrene minimizes toxic vapours emission and allows use also in closed rooms. **EBC resins are flame-proof.**

They are to be injected in the hole by a **pistol**.

A special PCC model as to EBC 380 NS type.

A normal silicon pistol as to EBC 280 NS type.

During injection the two components are mixed up in the cartridge nozzle.

The first extruded resin centimeters are to be rejected.

In case of resin hardened in the mixing nozzle, in order to go on using the cartridge, the obstructed nozzle has to be replaced.

Use

Suggested on stone, rocks, concrete, hard masonry, but also on hollow bricks by means of the special **SOC** stockings. Excellent on crumbling materials (agglomerating action).

Ideal for very heavy loads: laying of parapets, rails, threaded bars especially in closed rooms, in tunnels and wherever heavy loads are requested, also in the presence of water.

Hygiene and Security - Storage

The **EBC 280-380 NS** resin is in accordance with **NFP 18-831** and **NFP 18-836** Norms. The **EBC 280-380 NS** resin is flame proof. It can be used also in slightly ventilated rooms. As to the safety norms, please follow the precautions shown on the cartridge.

Pay attention to the expiring date shown on the packaging and on the label.

Admitted Loads

See table

SOLUZIONI
PER L'INSTALLAZIONE

SOLUTIONS
FOR INSTALLATIONS



LÖSUNGEN
FÜR INSTALLATIONEN

SOLUTIONS
POUR L'INSTALLATION

EBC 280 NS - EBC 380 NS (Ohne Styrol)
Chemischer EPOXY-ACRYLAT Verbundanker, in Kartusche

Die schnellaushärtende, mit Handpistole ausspritzbare Zweikomponenten Masse (**Epoxy-Acrylat ohne Styrol + Katalisator**) ist **auch in feuchten und nassen Verhältnissen verwendbar**.

Die styrolfrei Masse, entlässt keine giftigen Gase, und kann also auch in geschlossenen Räumen verwendet werden.

EBC 380 NS ist nicht flammbar.

Für EBC 380 NS muss die Pistole PCC verwendet werden.

Für EBC 280 NS eine normale Silicon-Pistole.

Die zwei Komponenten der Kartusche vermischen sich homogen in der Ausspritz-Düse bei der Verarbeitung. Die ersten ausgespritzten Zentimeter Masse sollen entfernt werden. Die Düse soll ersetzt werden, falls innen die Verbundmasse verhärtet ist.

Einsatz

Für mittelschwere und schwere Lasten bestens empfohlen.

Ideal für Beton, Stein und festes Mauerwerk. Auch in Hohlziegel mittels **SOC** Siebhülse verwendbar. Ideal als Bindemittel bei bröckeligem Material. Für die Befestigung von Metallteilen wie Gewindestangen und Profilschnitten, auch in geschlossenen Räumen verwendbar.

Kann auch bei Nässe verwendet werden.

Hygiene und Sicherheit - Lagerung





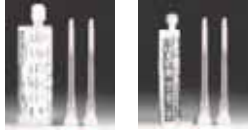

EBC 380 NS Verbundmasse entspricht den Normen **NFP 18-831** und **NFP 18-836**. **EBC 380 NS**, styrolfrei ist nicht flammbar. Die angegebenen Sicherheitsvorschriften wie auf der Kartusche beschrieben folgen. Kartusche vor Sonne und Wärme schützen. **Den auf dem Etikett angegebenen Gültigkeitsdatum beachten.**

EBC 280 NS - EBC 380 NS - Resina EPOSSIACRILATA
bicomp. in cartuccia - senza stirol

EBC 280 NS - EBC 380 N- EPOXY - ACRYLAT **zweikomp.**
Mörtelmasse in Kartusche - ohne Styrol





EBC 280 NS - EBC 380 N- Two comp. EPOXY ACRYLATE
Resin in cartridge - styrene free

EBC 280 NS - EBC 380 N- EPOXY ACRYLATE
deux comp. en cartouche - sans styrène

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cartuccia Cartridge Kartusche Cartouche |  |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|--|---|---|--|----------------------------------|
|  | FM 9001 0380 | EBC 380 NS | 380 ml | SPECIAL PCC pistol | 12 EBC + 24 UMC |  | 815 | |
| | FM 9001 0280 | EBC 280 NS | 280 ml | NORMAL silicon pistol | | | 572 | |

UMC - Ugello miscelatore (ricambio)
UMC - Mixing Nozzle (Spare Part)

UMC - Misch Düse (Ersatzteile)
UMC - Buse mélangeuse (rechange)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Impiego Use Verwendung Emploi |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | FM 9000 0200 | UMC | PBC 380 EBC 280 NS EBC 380 NS | 24 | | 8 | |

SOC - Calza di contenimento per iniezioni
di resine in mattoni forati, da cartucce

Material: P.A.

SOC - Special Stocking for Resin injection
in Hollow bricks





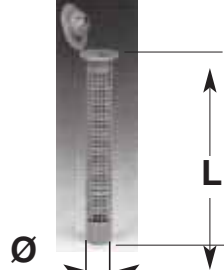
Material: P.A.

SOC - Siebhülse für Einspritz-Verbundmasse
in Hohlziegel aus Kartuschen

Material: P.A.

SOC - Chaussette spéciale pour résines
en de matériels perforés

Matériel: P.A.

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | Ø  |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------|--|---|---|--|----------------------------------|
|  | FM 9000 1250 | SOC12/50 | 12x45 | 12 | 24 | 240 | 1 | |
| | FM 9000 1585 | SOC15/85 | 15x80 | 15 | 24 | 240 | 2 | |
| | FM 9000 1530 | SOC15/130 | 15x125 | 15 | 24 | 240 | 2 | |
| | FM 9000 2085 | SOC20/85 | 20x80 | 20 | 24 | 240 | 2 | |

PCC - Pistola speciale per iniezione da cartuccia

Material: Acciaio zincato

PCC - Special pistol for injection from Cartridge





Material: Galvanized steel

PCC - Speziale Einspritz-Pistole für Kartuschen

Material: Stahl verzinkt

PCC - Pistolet spécial pour injection de cartouche

Matériel: Acier galvanisé

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Cartuccia Cartridge Kartusche Cartouche |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|---|---|--|----------------------------------|
|  | FM 9000 0380 | PCC | PBC 380 - EBC 380 NS | 1 | 10 | 954 | |

KX - Fiala di vetro a Rotopercussione

L'ancorante KX è una fiala di vetro monodose di resina bicomponente (resina base + accelerante) e granulato di quarzo. Abbinato alle barre filettate KXM di acciaio zincato. Le barre KXM sono tagliate "a cuneo" per meglio frantumare la fiala e mescolarne il contenuto e **presentano all'estremità un codolo esagonale** per essere inserite in un comune mandrino di trapano e permettere l'inserimento a **rotopercussione** nelle fiale.

La fiala di vetro KX dà la miglior risposta a sollecitazioni combinate come: forze applicate, sbalzi termici pesi anche notevoli, aggressivi chimici, urti e sollecitazioni dinamiche, resistenza nel tempo.

Utilizzo

Carichi pesanti e pesantissimi, con sollecitazioni dinamiche (vibrazioni, contraccolpi, urti, ecc.) su cemento, pietra, roccia, materiale compatto in genere. Posa di macchinari, scaffalature, lavori in galleria.

Igiene e sicurezza - Stoccaggio

La resina KX è irritante per gli occhi e la pelle. E' nociva se inalata. Durante l'esecuzione del fissaggio è consigliabile portare occhiali di protezione. Per rispettare le norme di igiene e sicurezza, seguire le precauzioni d'uso indicate nelle istruzioni contenute nella scatola. Conservare le fiale di vetro all'interno della confezione originale, ed in ambiente fresco.

Osservare le date di scadenza esposte sulla confezione.

Carichi ammessi

Vedere tabella.



KX



KX - Rotation-Percussion Glass Ampoule

The article KX consists of a two components resin (basic resin + accelerating agent) and granulated quartz. It is to be combined with the galvanized steel KXM threaded bar.

KXM bars are wedge-shaped to better crush the ampoule and mix up its content.

They present at their end a hexagonal shank, in order to be mounted in a regular drill mandrel, to allow the insertion by **rotation-percussion** into the ampoules.

The KX glass ampoule represents the right response to combined stress, such as: applied forces, sudden changes in temperature, heavy loads, chemical attacks, impact and dynamic forces.

Use

Heavy and very heavy loads, with dynamic stress (vibrations, counterblows, impacts, etc.) on concrete, stone, rock, compact materials.

Laying of machinery, scaffoldings, tunnel works, installations on crumbling walls.

Hygiene and Security - Storage

The KX resin is irritant for one's eyes and skin.

It is injurious to one's health, if inhaled. During installation the use of protective glasses is recommended. As to the safety norms, please follow the precautions shown on the box. Keep ampoules in their original packaging, in a cool environment. **Pay attention to the expiring date shown on the packaging.**

Admitted Loads

See table



KXM

KX - Verbundmasse in Glaspatrone

KX ist eine Glasübelpatrone mit einsatzfertiger zwei-komponenten Verbundmasse (Polyester + Harter) mit Quarzgranulat. Sie wird in Verbindung mit der angespitzten Gewindestange KXM verwendet. Die Gewindestange wird mittels einer Schlagbohrmaschine in das Bohrloch eingerammt. Nach der Vermischung härtet die Masse in Kürze aus.

KX entspricht den Anforderungen einer spannungsfreien Verankerung in Beton oder festem Mauerwerk, auch unter Wasser, bei hohen statischen und dynamischen Belastungen, ebenfalls bei geringen Achsen- und Randabständen

Einsatz

Für mittelschwere und schwere Lasten empfohlen. Ideal für Beton, Stein und festes Mauerwerk. Empfohlen für die Befestigung von Maschinen, Regalen, mittels Gewindestangen.

Hygiene und Sicherheit - Lagerung

KX ist reizend für die Augen und für die Haut. Gase sind schädlich wenn eingeatmet.

Angegeben Sicherheitsvorschriften wie auf der Kartusche beschrieben folgen.

Kartusche vor Sonne und Wärme schützen.

Den auf dem Etikett angegebenen Gültigkeitsdatum beachten.

Zugelassene Belastungswerte

Siehe Tabelle

KX - Ampoule en verre à Roto-percussion

La fixation KX consiste à une ampoule mono-dose de résine à deux composants (résine de base+ accélérateur) et granulats de quartz. A utiliser en combinaison avec les tiges filettées KXM en acier galvanisé. Les tiges KXM sont coupées 'à coin' pour mieux écraser l'ampoule et en mélanger son contenu. **Elles présentent à une extrémité un cône hexagonal** pour l'insertion dans une broche de drille et permettre son introduction à **roto-percussion** dans les ampoules.

L'ampoule KX représente la réponse aux contraintes combinées comme : écarts de température, poids remarquables, agents chimiques, chocs et sollicitations dynamiques.

Emploi

Charges Lourdes et très Lourdes, avec contraintes dynamiques (vibrations, chocs en retour, coups, etc.) sur béton, pierre, roche, matériel compact.

Pose de machinerie, rayonnages, travaux en tunnel, installations sur de murs friables.

Hygiène et sécurité - Stockage

La résine KX est irritante pour les yeux et pour la peau. Elle est nuisible à la santé, si inhalée. Durant l'exécution de la fixation on suggère l'emploi de lunettes de protection. Pour ce qui concerne les normes de sécurité, suivre les précautions d'emploi contenues dans la boîte. Conserver les ampoules dans l'emballage original, au frais. **Faire attention à la date de péremption montrée sur l'emballage.**

Charges admissibles





Voir table

KX - Fiale di vetro di resina bicomponente
posa mediante ROTOpercussione

KX - Verbundmasse in Glaspatrone
Verankerung mittels Schlag-Bohrmaschine

KX - Two components Resin Glass Ampoules,
Rotation-Percussion Mounting

KX - Ampoules en verre de résine à deux
composants, pose à roto-percussion

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|----------|---|---|--|----------------------------------|
|  | 40 1901 0008 | KX 8x 80 | 10 x 80 | 10 | 100 | 8 | |
| | 40 1901 0010 | KX 10x 90 | 12 x 90 | 10 | 100 | 12 | |
| | 40 1901 0012 | KX 12x110 | 14 x 110 | 10 | 100 | 18 | |
| | 40 1901 0016 | KX 16x125 | 18 x 125 | 10 | 100 | 30 | |
| | 40 1901 0020 | KX 20x170 | 25 x 170 | 6 | 100 | 100 | |
| | 40 1901 0024 | KX 24x210 | 28 x 210 | 6 | 100 | 146 | |
| | 40 1901 0030 | KX 30x280 | 35 x 280 | 2 | 100 | 250 | |

KXM - Barra filettata, dado e rondella

Material: acciaio zincato (AISI 304 a richiesta)

KXM - Gewindestange, Mutter und Rondelle




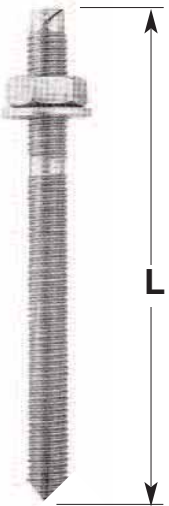
Material: Stahl verzinkt (V2A auf Anfrage)

KXM - Galvanized Steel , Nut and Washer

Material: Galvanized steel (AISI 304 on request)

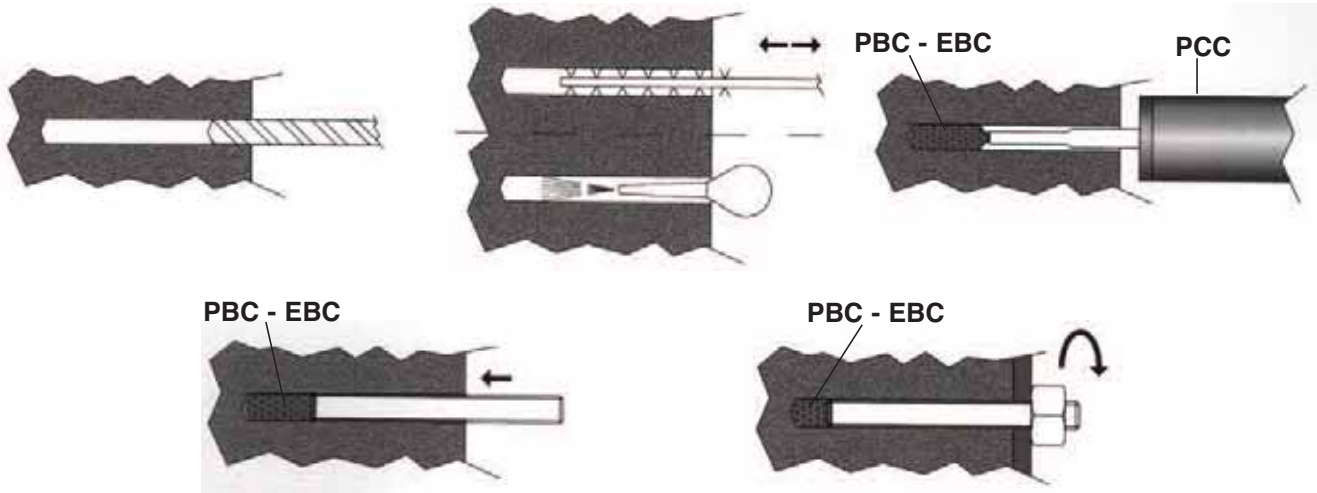
KXM - Tige filetée, écrou et rondelle

Matériel: Acier galvanisé (AISI 304 on demande)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Filetto Thread Gewinde Filetage | L | Ø |  |  | g  | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--|-----|--------|---|---|--|----------------------------------|
|  | 40 2937 0008 | KXM8x110/30 | M 8 | 110 | 10x80 | 10 | 100 | 40 | |
| | 40 2937 0010 | KXM10x130/40 | M10 | 130 | 12x90 | 10 | 100 | 76 | |
| | 40 2937 0012 | KXM12x160/50 | M12 | 160 | 14x110 | 10 | 100 | 132 | |
| | 40 2937 0016 | KXM16x190/60 | M16 | 190 | 18x125 | 10 | 100 | 280 | |
| | 40 2937 0020 | KXM20x260/80 | M20 | 260 | 22x170 | 10 | 100 | 584 | |
| | 40 2937 0024 | KXM24x300/90 | M24 | 300 | 26x190 | 10 | 100 | 1.010 | |
| | 40 2937 0030 | KXM30x380/100 | M30 | 380 | 32x230 | 10 | 100 | 1.660 | |

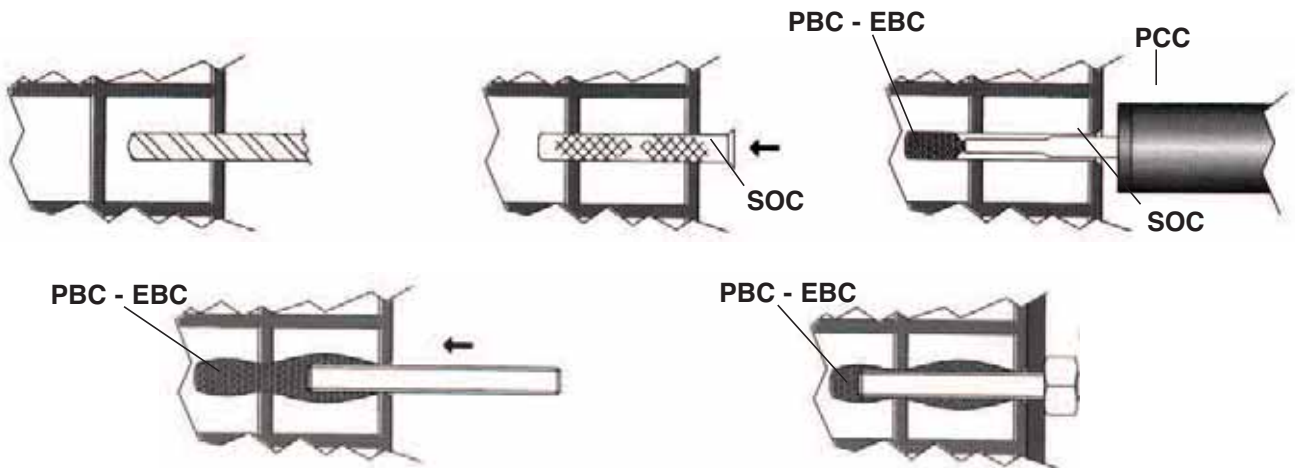
PBC e EBC in materiali compatti
PBC and EBC in compact materials

PBC und EBC in festem Mauerwerk
PBC et EBC en matériels compactes



PBC 380 e EBC 280-380 NS in materiali vuoti
PBC 380 and EBC 280-380 NS in hollow materials

PBC 380 und EBC 280-380 NS in Hohlmaterial
PBC 380 et EBC 280-380 NS en matériels perforés



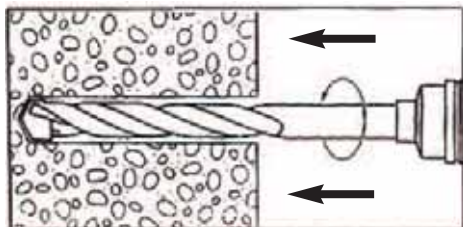
| TEMPI DI LAVORAZIONE E D'INDURIMENTO | VERARBEITUNGS- UND AUSHÄRTUNGSZEITEN | Temp. ambiente Ambient Temp. | Raumtemp. Temp. ambiente | Lavorazione Processing | Verarbeitung Exécution | Indurimento Hardening | Aushärtungszeit Durcissement |
|--|---|---------------------------------|-----------------------------|---------------------------|---------------------------|--------------------------|---------------------------------|
| PROCESSING AND HARDENING TIME | TEMPS D'EXECUTION ET DE DURCISSEMENT | +5°C | | 20 min | | 180 min | |
| | | +20°C | | 6 min | | 60 min | |
| | | +30°C | | 3 min | | 45 min | |

| CARICHI SU CALCESTRUZZO TIPO B25 (1daN= ~ 1 kg) | ZUGLAST AUF BETON B25 (1daN= ~ 1 kg) | Barra/Bar/Stange/Tige | | | | | | | | | | |
|--|---|--|--|----------------------------|--------|---------|---------|----------|----------|----------|----------|----------|
| | | KXM 8 | | KXM 10 | KXM 12 | KXM 16 | KXM 20 | KXM 25 | KXM 32 | | | |
| | | Foro/Hole/Bohrung-/Trou | | Ø10 | Ø12 | Ø14 | Ø20 | Ø25 | Ø30 | Ø37 | | |
| | | Profondità/Depth/Tiefe/Prof. | | L=80 | L=100 | L=120 | L=160 | L=250 | L=250 | L=320 | | |
| LOADS ON B25 TYPE CONCRETE (1daN= ~ 1 kg) | | CHARGES SUR BETON TYPE B25 (1daN= ~ 1 kg) | | Carico/Load/Zuglast/Charge | | daN 620 | daN 930 | daN 1480 | daN 2500 | daN 5800 | daN 5800 | daN 9400 |

| CARICHI SU MATTONI FORATI PBC+SOC + KXM | BELASTUNG AUF HOHLZIEGEL PBC+SOC + KXM | Trazione Tensile strength | Zugkraft Résistance à traction | Taglio Shearing stress | Scherkraft Cisaillement |
|---|---|------------------------------|-----------------------------------|---------------------------|----------------------------|
| LOADS ON HOLLOW BRICKS PBC+SOC + KXM | | 60 daN | | 150 daN | |

KX + KXM - Posa mediante rotopercussione
KX + KXM - Rotation-Percussion Mounting

KX + KXM - Verankerung mittels Schlag-Bohrmaschine
KX + KXM - Composants, pose à roto-percussion



1 Foratura

Forare con punte di diametro come indicato in tabella.

1 Drilling

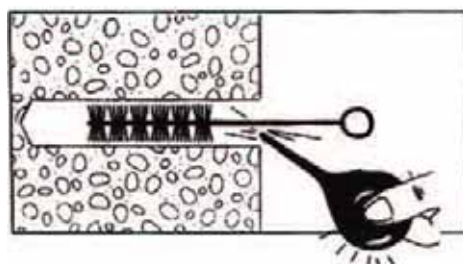
Use a suitable drill diameter. See table.

1 Bohrung

Mit Bohrdurchmesser wie in Tabelle angegeben bohren.

1 Perçage

Perçer par pointe de diamètre opportun, voir table.



2 Pulizia

Pulire accuratamente con scovolino e aria.

2 Cleaning

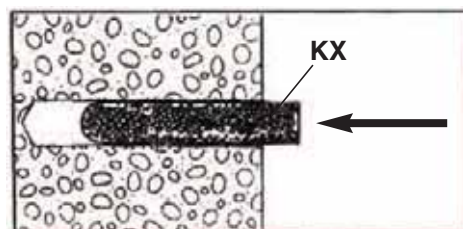
Clean the hole carefully by brush and air.

2 Reinigen

Sorgfältig Bohrloch mit Bürste und Luft reinigen.

2 Nettoyage

Nettoyer par un goupillon et un soufflet.



3 Inserimento

Introdurre la fiala **KX** nel foro.

3 Introduction

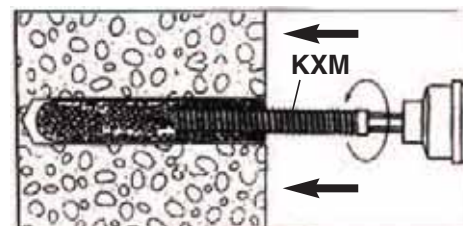
Insert the **KX** ampoule into the hole.

3 Setzen

Glaspatrone **KX** in das Bohrloch einführen.

3 Introduction

Insérer l'ampoule **KX** dans le trou.



4 Ancoraggio

Introdurre la barra **KXM** con un trapano roto-battente.

4 Anchoring

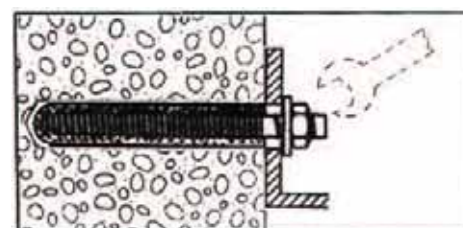
Insert the **KXM** bar by rotation-percussion drill.

4 Verankern

Gewindestange **KXM** mit Schlag-Bohrmaschine einrammen.

4 Montage

Insérer la tige **KXM** par une drille à roto-percussion.



5 Indurimento e montaggio

Attendere il tempo di presa e montare l'oggetto. (Vedi tabella)

5 Hardening and mounting

Wait for the needed hardening time and mount the part. (See table)

5 Abhartung und Montage

Abhärtezeit abwarten und dann montieren. (Siehe Tabelle)

5 Durcissement et montage

Attendre le temps nécessaire pour le durcissement et monté l'objet. (Voir table)

R8 - Tassello prolungato Ø 8
R10 - Tassello prolungato Ø 10

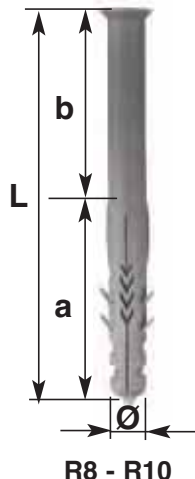
Tasselli prolungati, con parte cilindrica sottotesta per forti spessori. Ideali per serramenti, telai, pannelli, ecc. Foratura passante.

Materiale
Nylon

R8 - Prolonged Plug Ø 8
R10 - Prolonged Plug Ø 10

Prolonged plugs, with cylindrical part under the head for heavy thickness. Ideal for windows, doors, frames, panels, etc.
Through drilling.

Material
Nylon



R8 - Langer Rahmendübel Ø 8
R10 - Langer Rahmendübel Ø 10


Langer Dübel mit grosser Klemmbreite für stärkere Befestigungen. Ideal für Ramen, Panele usw. Leichte Durchsteckmontage.

Material
Nylon

R8 - Cheville longue Ø 8
R10 - Cheville longue Ø 10

Cheville longue, avec partie cylindrique sous la tête pour d'épaisseurs importantes. Idéale pour fenêtres, portes, encadrements, panneaux, etc. Montage au travers de la pièce à fixer.

Matériel
Nylon

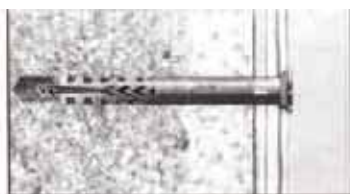
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | a | b | | | g | Prezzo Price Preis Prix |
|--|---------------------------------------|---|--------|-----|-----|-----|------|-------|----------------------------------|
|  R8 - R10 | ME 0501 0086 | R8 - 60 | 8x60 | 40 | 20 | 25 | 1000 | 1,5 | |
| | ME 0501 0088 | R8 - 80 | 8x80 | 40 | 40 | 25 | 1000 | 2 | |
| | ME 0501 0087 | R8 - 100 | 8x100 | 40 | 60 | 50 | 1000 | 2,5 | |
| | ME 0501 0089 | R10 - 60 | 10x60 | 50 | 10 | 100 | 400 | 3 | |
| | ME 0501 0090 | R10 - 80 | 10x80 | 50 | 30 | 100 | 400 | 3,5 | |
| | ME 0501 0091 | R10 - 100 | 10x100 | 50 | 50 | 50 | 250 | 4 | |
| | ME 0501 0092 | R10 - 115 | 10x115 | 50 | 65 | 50 | 250 | 5 | |
| | ME 0501 0093 | R10 - 135 | 10x135 | 50 | 85 | 50 | 250 | 5,5 | |
| | ME 0501 0094 | R10 - 160 | 10x160 | 50 | 110 | 50 | 400 | 6 | |
| | ME 0501 0095 | R10 - 200 | 10x200 | 50 | 150 | 25 | 400 | 7 | |
| ME 0501 0096 | R10 - 240 | 10x240 | 50 | 190 | 25 | 400 | 7,5 | | |

**Esempi di montaggio
Mounting Examples**

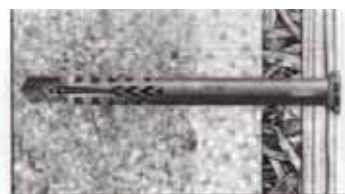
**Montage Beispiel
Exemples de montage**



Fissaggio su cemento
Fixing on concrete wall
Befestigung auf Beton
Fixation sur mur béton



Fissaggio su mattone pieno
Fixing on solid bricks wall
Befestigung auf Vollziegel
Fixation sur mur brique



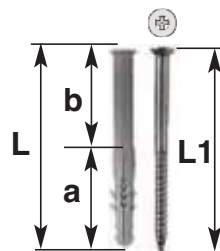
Fissaggio su pannello Heraklit
Fixing on Heraklit panel
Befestigung auf Heraklit
Fixation sur panneau placo

R8 SP - Tassello prolungato con vite mordente
testa svasata POZI

Tassello prolungato, completo di vite mordente, con parte cilindrica sottotesta per forti spessori. Ideale per serramenti, telai, pannelli, ecc.
Foratura passante.

Materiali

Tassello: Nylon
Vite: Acciaio zincato - **SPS** (normale)
(a richiesta AISI 304 - **SPI**)



R8 SP - Langer Rahmendübel
mit Spanschraube, Senkkopf, POZI

Langer Dübel komplett mit Spanschraube, mit großer Klemmbreite für stärkere Befestigungen. Ideal für Ramen, Panele usw.
Leichte Durchsteckmontage.

Material

Dübel: Nylon
Schraube: Stahl verzinkt - **SPS** (normal)
(Auf Wunsch AISI 304 - **SPI**)

R8 SP - Prolonged Plug, complete with POZI
type Self-tapping Countersunk Screw

Prolonged plugs, complete with self-tapping countersunk screw. Cylindrical part under the head for heavy thickness, ideal for windows, doors, frames, panels, etc. Through drilling.

Materials

Plug: Nylon
Screw: Galvanized Steel - **SPS** (normal)
(on request AISI 304 - **SPI**)

R8 SP - Cheville longue complète
de vis fraisée autotaraudeuse POZI

Cheville longue, complète avec vis fraisée autotaraudeuse. Partie cylindrique longue sous la tête pour d'épaisseurs importantes. Idéale pour fenêtres, portes, encadrements, panneaux, etc.
Montage au travers de la pièce à fixer.

Matériel

Cheville: Nylon
Vis: Acier galvanisé - **SPS** (normal)
(sur demande AISI 304 - **SPI**)

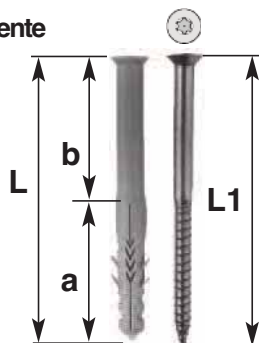
| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | Pozi Ø x L1 | a | b | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|-------------|----|----|----|-----|----------------------------------|
| | ME 2501 0186 | R8 - 60 SP | 8x60 | 5,5x66 | 40 | 20 | 25 | 300 | 10 |
| | ME 2501 0188 | R8 - 80 SP | 8x80 | 5,5x86 | 40 | 40 | 25 | 500 | 13 |
| | ME 2501 0187 | R8 - 100 SP | 8x100 | 5,5x106 | 40 | 60 | 50 | 600 | 16 |

R10 TX - Tassello prolungato con vite mordente
testa svasata TORX

Tassello prolungato, completo di vite mordente, con parte cilindrica sottotesta per forti spessori. Ideale per serramenti, telai, pannelli, ecc.
Foratura passante.

Materiali

Tassello: Nylon
Vite: Acciaio zincato - **SPS** (normale)
(a richiesta AISI 304 - **SPI**)



R10 TX - Langer Rahmendübel
mit Spanschraube, Senkkopf, TORX

Langer Dübel komplett mit Spanschraube, mit grosser Klemmbreite für stärkere Befestigungen, ideal für Ramen, Panele usw.
Leichte Durchsteckmontage.

Material

Dübel: Nylon
Schraube: Stahl verzinkt - **SPS** (normal)
(Auf Wunsch AISI 304 - **SPI**)

R10 TX - Prolonged Plug Comp. with TORX
type Self-tapping Countersunk Screw

Prolonged plug, complete with self-tapping countersunk screw. Cylindrical part under the head for heavy thickness, ideal for windows, doors, frames, panels, etc. Through drilling.

Materials

Plug: Nylon
Screw: Galvanized Steel - **SPS** (normal)
(on request AISI 304 - **SPI**)



R10 TX - Cheville longue complète
de vis fraisée autotaraudeuse TORX

Cheville longue, complète de vis fraisée autotaraudeuse. Partie cylindrique longue sous la tête pour d'épaisseurs importantes. Pour fenêtres, portes, encadrements, panneaux, etc. Montage au travers de la pièce à fixer.

Matériel

Cheville: Nylon
Vis: Acier galvanisé - **SPS** (normal)
(sur demande AISI 304 - **SPI**)

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | Torx Ø x L1 | a | b | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|--------|-------------|----|-----|----|-----|----------------------------------|
| | ME 3501 0208 | R10 - 80 TX | 10x80 | 7x87 | 50 | 30 | 50 | 250 | 25 |
| | ME 3501 0210 | R10 - 100 TX | 10x100 | 7x107 | 50 | 50 | 50 | 250 | 32 |
| | ME 3501 0215 | R10 - 115 TX | 10x115 | 7x122 | 50 | 65 | 50 | 250 | 37 |
| | ME 3501 0235 | R10 - 135 TX | 10x135 | 7x142 | 50 | 85 | 50 | 400 | 43 |
| | ME 3501 0260 | R10 - 160 TX | 10x160 | 7x167 | 50 | 110 | 50 | 400 | 51 |

NP - Tassello nylon a fissaggio rapido con chiodo a vite POZI

Tassello con chiodo a vite, a fissaggio rapido mediante martello. Possibilità di smontaggio con cacciavite. Comodità di foratura e montaggio attraverso l'oggetto.

Materiali

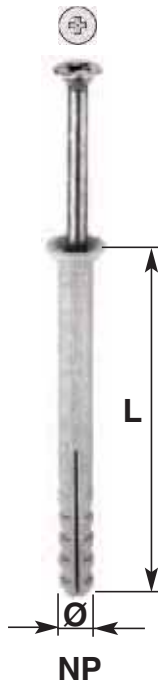
Tassello: Nylon
Chiodo-vite: Acciaio zincato

NP - Nylon Plug with POZI drive Nail Screw, Rapid Fixing

Nylon plug, with pozidrive nail headed screw. Rapid fixing by hammer. Dismantling by screwdriver. Easy drilling and installation through the object.

Materials

Plug: Nylon
Nail Screw: Galvanized Steel



NP - Nylon POZI Nageldübel für Schnellmontage

Nylon-Dübel mit Nagelschraube, für Schnellmontage mit Hammer besonders geeignet. Nagelschraube kann mit Schraubendreher entfernt werden. Ideal für Durchsteckmontage.

Material

Dübel: Nylon
Nagel Schraube: Stahl verzinkt

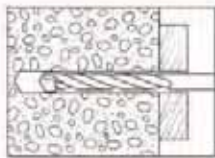
NP - Cheville nylon fixation rapide avec clou à vis, POZI

Cheville clou, fixation rapide par marteau, possibilité de démontage par tournevis. Percement et installation facile à travers l'objet.

Matériel

Cheville: Nylon
Clou à vis: Acier galvanisé

| Figura Figure Abbildung Figure | Codice Code Artikel Nr. Code | Articolo Article Artikel Article | Ø x L | Pozi Ø x L | | g | Prezzo Price Preis Prix |
|---|---------------------------------------|---|-------|------------|-----|------|----------------------------------|
| | ME 1501 0501 | NP5 - 35 | 5x35 | 3,5x41 | 100 | 1000 | 3 |
| | ME 1501 0503 | NP5 - 50 | 5x50 | 3,5x56 | 100 | 1000 | 4 |
| | ME 1501 0505 | NP6 - 40 | 6x40 | 4x45 | 100 | 1000 | 4 |
| | ME 1501 0502 | NP6 - 50 | 6x50 | 4x55 | 50 | 1000 | 5,5 |
| | ME 1501 0507 | NP6 - 60 | 6x60 | 4x65 | 50 | 1000 | 6 |
| | ME 1501 0508 | NP6 - 70 | 6x70 | 4x75 | 50 | 1000 | 7,5 |
| | ME 1501 0506 | NP6 - 80 | 6x80 | 4x85 | 50 | 1000 | 8 |
| | ME 1501 0509 | NP8 - 60 | 8x60 | 5x65 | 50 | 1000 | 10 |
| | ME 1501 0511 | NP8 - 80 | 8x80 | 5x85 | 50 | 1000 | 13,5 |
| | ME 1501 0513 | NP8 - 100 | 8x100 | 5x105 | 50 | 1000 | 16 |
| | ME 1501 0515 | NP8 - 120 | 8x120 | 5x125 | 50 | 1000 | 18,5 |
| | ME 1501 0517 | NP8 - 135 | 8x135 | 5x140 | 50 | 250 | 22 |



1 Foratura

Forare con punta di diametro idoneo, attraverso l'oggetto

1. Drilling

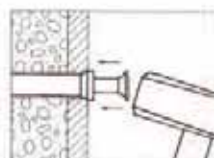
By means of a quality point.

1 Bohren

Mit entsprechendem Durchmesser Wand und Gegenstand bohren

1 Percage

Percer par pointe de diamètre opportun



2 Inserimento

Inserire il tassello a colpi di martello

2 Insertion

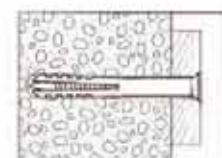
Insert the plug

2 Einführen

Dübel einführen und mit Hammer einschlagen.

2 Insertion

Insérer la cheville



3 Fissaggio

Avvitare fino al bloccaggio definitivo.

3 Fixing

Screw tight up to the final locking.

3 Befestigen

Schrauben satt anziehen

3 Fixation

Serrer l'écrou jusqu'au blocage définitif

| Maße Dimensions | Selle/Saddles Wannen/Garnitures | 6 | 8 | 9 | 11 | 11 | 13 | 1/2"S (14) | 3/8" (16) | 1/2" (17) | |
|--|---|----------------------------|---|------------------------|--|--|-----------------|------------------------------|---------------------------|------------------------------|--|
| | Cavallotti/Bows Bügel/Etriers | L=12 (*) | | | | L=22 (*) | | | | | |
| Misure Mesures | Diametro selle Saddles diameter Wannendurchm. Diam. des garnitures | 5-6 | 7-8 | 8-9 | 10-11 | 10-11 | 12-13 | 13-14 | 15-16 | 16-17 | |
| Passend zu Kabeln Utilisation avec câbles | Acome | - | - | 50-1/4"SF | 50-3/8"SF 50-1/4" | 50-1/4" | 50-3/8" | 50-1/2" SF | - | 50-1/2" | |
| | Andrew | - | FSJ 1-50 FSJ 1RN-50 | LDF 1-50 LDF 1RN-50 | ETS 2-50T FSJ2-50 LDF2-50 - 3/8" | ETS 2-50T FSJ2-50 LDF2 - 50-3/8" | - | FSJ4-50B FSJ4-75A 1/2" | FT4-50T HJ4-50 1/2" | LDF4-50A LDF4-75A 1/2" | |
| | ComScope | - | - | - | - | - | SFX500 | - | FXL/CR540 | - | |
| | Eupen | - | 5042 Hiflex | - | 5062 1/4" | 5062 1/4" | 5088 LD 3/8" | 5092 1/2" Hiflex | - | 5128 LD 1/2" | |
| | Draka | - | - | - | RFF 3/8"-50 | RFF 3/8"-50 | RF 3/8"-50 | RFF 1/2"-50 | - | RF 1/2"-50 | |
| | H + S | - | - | - | SD3/8"HF | SD3/8"HF | - | SD1/2"HF | - | SD1/2" | |
| | RFS | - | SCF 14-50J | - | SCF 38-50J CF 14-50 | SCF 38-50J CF 14-50 | LCF 3/8" | SCF 12-50J UCF 12-50 | HF 3/8" | LCF 12-50J | |
| | Leoni Rosenberger | - | 1/4"S | - | 3/8"S | 3/8"S | - | 1/2"S | - | 1/2"R | |
| | Vari Various Verschiedene Autres | RG 223 RG 58 LMR 240 | RG 59 Belden 9248 LMR 300 ICN 48 | RG 8 | RG 8/U Belden 9913 LMR 400 | RG 213 RG 214 LMR 400 | - | - | - | - | |

| Maße Dimensions | Selle/Saddles Wannen/Garnitures | 5/8"(23) | 7/8"S(27) | 7/8"(28) | 7/8"M(30) | 1.1/8"(38) | 1.1/4"(40) | 1.5/8"(52) | 2.1/4"(60) | 62 | 3"(74) | 3"M(76) |
|--|--|-----------------------------|-------------|------------------------------------|---------------------|------------|---------------------------|----------------------------------|--------------|-------|----------|---------|
| | Cavallotti/Bows Bügel/Etrier | L=34 (*) | | | | L=46 (*) | | L=58 (*) | L=70 (*) | | L=80 (*) | |
| Misure Mesures | Diametro selle Saddles diameters Wannendurchm. Diam. des garnitures | 21-23 | 26-27 | 27-28 | 29-30 | 36-38 | 39-40 | 50-52 | 59-60 | 60-62 | 72-74 | 74-76 |
| Passend zu Kabeln Utilisation avec câbles | Acome | 50-5/8" | - | 50-7/8" | - | - | 50-1.1/4" | 50-1.5/8" | 50-2.1/4" | - | - | |
| | Andrew | LDF 4.5 HJ4.5-50 5/8" | VXL 5 | HJ5-50 HJ5-75 -7/8" LDF5-50A | - | - | LDF6-50 A 1.5/8" | HJ7-50A LDF7-50A LDF 12-50 | HJ 12-50 | - | - | HJ8-50B |
| | ComScope | - | - | FXL Extremeflex | FXL/CR1070 | - | FXL/CR1480 | CR1873 | - | - | - | - |
| | Eupen | - | - | 5228 LD 7/8" | 5229 "AIR" "7/8" | - | 5328 LD 1.1/4" | 5438 LD 1.5/8" | - | - | - | - |
| | Draka | RF 5/8"-50 | RFF 7/8"-50 | RF 7/8"-50 | - | - | RF 1.1/4"-50 | RF 1.5/8"-50 | RF 2.1/4"-50 | - | - | - |
| | H + S | - | - | SD7/8" | - | - | - | - | - | - | - | - |
| | RFS | HF 5/8" LCF 58-50 | - | LCF 78-50 | HF 7/8" | HF 1.1/8" | LCF 114-50 LCFS 114-50 | LCF 158-50 | LCF 214-50 | - | HF 3" | - |
| | Leoni Rosenberger | - | - | 7/8"R | - | - | 1.1/4"R | 1.5/8"R | - | - | - | - |
| | Vari Various Verschiedene Autres | - | - | - | - | - | - | - | - | - | - | - |

(*) = Fissacavi sRF
(*) = sRF Clamps

(*) = sRF- Kabelschellen
(*) = Attaches sRF

| | Tipo cavo Cable Type Kabel type Type de câble | Dim. nominale Nominal size Nenndurchm. Dim. nominale | Fissacavi - Cable Clamps | | | | | | | RF | | | | | Kabelschellen - Fixations | | | | | | | | |
|---------------------|--|---|--------------------------|---|---|----|----|---------------|--------------|--------------|-------|--------------|---------------|--------------|---------------------------|----------------|----------------|----------------|----------------|----|------------|-------------|--|
| | | | 6 | 8 | 9 | 11 | 13 | 1/2"S (14) | 3/8" (16) | 1/2" (17) | 20-22 | 5/8" (23) | 7/8"S (27) | 7/8" (28) | 7/8"M (30) | 1.1/8" (38) | 1.1/4" (40) | 1.5/8" (52) | 2.1/4" (60) | 62 | 3" (74) | 3"M (76) | |
| H + S | SD 3/8" HF | 11 | | | | • | | | | | | | | | | | | | | | | | |
| | SD 1/2" HF | 1/2"S (14) | | | | | • | | | | | | | | | | | | | | | | |
| | SD 1/2" | 1/2" (17) | | | | | | • | | | | | | | | | | | | | | | |
| | SD 7/8" | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | |
| Leoni - Rosenberger | 1/4" S | 7-8 | • | | | | | | | | | | | | | | | | | | | | |
| | 3/8" S | 11 | | | | • | | | | | | | | | | | | | | | | | |
| | 1/2" S | 1/2"S (14) | | | | | • | | | | | | | | | | | | | | | | |
| | 1/2" R | 1/2" (17) | | | | | | | • | | | | | | | | | | | | | | |
| | 7/8" R | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | |
| | 1.1/4" R | 1.1/4" (40) | | | | | | | | | | | | | | • | | | | | | | |
| | 1.5/8" R | 1.5/8" (52) | | | | | | | | | | | | | | | | • | | | | | |
| Draka | RFA 3/8"-50 | 11 | | | | • | | | | | | | | | | | | | | | | | |
| | RF 3/8"-50 | 3/8" (13) | | | | | • | | | | | | | | | | | | | | | | |
| | RFA 1/2"-50 | 1/2" (16) | | | | | | • | | | | | | | | | | | | | | | |
| | RF 1/2"-50 | 1/2" (17) | | | | | | | • | | | | | | | | | | | | | | |
| | RFA 5/8"-50 | 5/8" (22) | | | | | | | | | | • | | | | | | | | | | | |
| | RFA 7/8"-50 | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | |
| | RF 7/8"-50 | 7/8" (28) | | | | | | | | | | | | • | | | | | | | | | |
| | RFA 1.1/4"-50 | 1.1/4" (39) | | | | | | | | | | | | | | • | | | | | | | |
| | RFA 1.5/8"-50 | 1.5/8" (50) | | | | | | | | | | | | | | | | • | | | | | |
| | RFA 2.1/4"-50 | 2.1/4" (60) | | | | | | | | | | | | | | | | | • | | | | |
| RFS | SCF 14-50J | 7-8 | • | | | | | | | | | | | | | | | | | | | | |
| | SCF 38-50J-CF 14-50 | 11 | | | | • | | | | | | | | | | | | | | | | | |
| | LCF 3/8" | 13 | | | | | • | | | | | | | | | | | | | | | | |
| | SCF 12-50J UCF 12-50 | 1/2"S (14) | | | | | | • | | | | | | | | | | | | | | | |
| | HF 3/8" | 3/8" (16) | | | | | | | • | | | | | | | | | | | | | | |
| | LCF 12-50J | 1/2" (17) | | | | | | | | • | | | | | | | | | | | | | |
| | LCF 5/8" LCF 58-50 - HF 58" | 5/8" (23) | | | | | | | | | | • | | | | | | | | | | | |
| | LCF 78-50 | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | |
| | HF 7/8" | 7/8"M (30) | | | | | | | | | | | | • | | | | | | | | | |
| | HF 1.1/8" | 1.1/8" (38) | | | | | | | | | | | | | • | | | | | | | | |
| | LCF 114-50 LCFS 114-50 | 1.1/4" (40) | | | | | | | | | | | | | | • | | | | | | | |
| | LCF 158-50 | 1.5/8" (52) | | | | | | | | | | | | | | | | • | | | | | |
| | LCF 214-50 | 2.1/4" (60) | | | | | | | | | | | | | | | | | • | | | | |
| | HF 3" | 3" (74) | | | | | | | | | | | | | | | | | | | | • | |

| | Tipo cavo Cable Type Kabel type Type de câble | Dim. nominale Nominal size - Nenndurchm. Dim. nominale | Fissacavi - Cable Clamps | | | | | | | | | RF | | | | Kabelschellen - Fixations | | | | | | | | |
|------------|--|---|--------------------------|---|---|----|----|---------------|--------------|--------------|-------|--------------|---------------|--------------|---------------|---------------------------|----------------|----------------|----------------|----|------------|-------------|--|---|
| | | | 6 | 8 | 9 | 11 | 13 | 1/2"S (14) | 3/8" (16) | 1/2" (17) | 20-22 | 5/8" (23) | 7/8"S (27) | 7/8" (28) | 7/8"M (30) | 1.1/8" (38) | 1.1/4" (40) | 1.5/8" (52) | 2.1/4" (60) | 62 | 3" (74) | 3"M (76) | | |
| Acome | 50-1/4"SF | 8-9 | | | • | | | | | | | | | | | | | | | | | | | |
| | 50-3/8"SF 50-1/4" | 11 | | | | • | | | | | | | | | | | | | | | | | | |
| | 50-3/8" | 13 | | | | | • | | | | | | | | | | | | | | | | | |
| | 50-1/2" SF | 1/2" S (14) | | | | | | • | | | | | | | | | | | | | | | | |
| | 50-1/2" | 1/2" (17) | | | | | | | | • | | | | | | | | | | | | | | |
| | 50-5/8" | 5/8" (23) | | | | | | | | | | • | | | | | | | | | | | | |
| | 50-7/8" | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | | |
| | 50-1.1/4" | 1.1/4" (40) | | | | | | | | | | | | | | | • | | | | | | | |
| | 50-1.5/8" | 1.5/8" (52) | | | | | | | | | | | | | | | | • | | | | | | |
| | 50-2.1/4" | 2.1/4" (60) | | | | | | | | | | | | | | | | | • | | | | | |
| Andrew | FSJ 1-50 FSJ 1RN-50 | 7-8 | | • | | | | | | | | | | | | | | | | | | | | |
| | LDF 1-50 LDF 1RN-50 | 8-9 | | | • | | | | | | | | | | | | | | | | | | | |
| | ETS 2-50T FSJ 2-50 LDF 2-50 | 11 | | | | • | | | | | | | | | | | | | | | | | | |
| | FSJ 4-50B FSJ - 75A | 1/2" S (14) | | | | | | • | | | | | | | | | | | | | | | | |
| | FT 4-50T HJ 4-50 | 3/8" (16) | | | | | | | | • | | | | | | | | | | | | | | |
| | LDF 4-50A LDF 4-75A | 1/2" (17) | | | | | | | | | • | | | | | | | | | | | | | |
| | HJ 4.5-50 LDF 4.5 | 5/8" (23) | | | | | | | | | | • | | | | | | | | | | | | |
| | VXL 5 | 7/8"S (27) | | | | | | | | | | | • | | | | | | | | | | | |
| | HJ5-50 HJ5-75 LDF5-50A AVA5-50 | 7/8" (28) | | | | | | | | | | | | • | | | | | | | | | | |
| | LDF6-50A | 1.1/4" (40) | | | | | | | | | | | | | | | • | | | | | | | |
| | HJ 7-50A LDF 7-50A AVA7-50 | 1.5/8" (52) | | | | | | | | | | | | | | | | • | | | | | | |
| | HJ 12-50 LDF 12-50 | 2.1/4" (60) | | | | | | | | | | | | | | | | | • | | | | | |
| | HF 3" | 3" (76) | | | | | | | | | | | | | | | | | | | | | | • |
| | CommScope | SFX 500 | 13 | | | | | • | | | | | | | | | | | | | | | | |
| FXL/CR540 | | 1/2" | | | | | | | | | • | | | | | | | | | | | | | |
| FXL/CR1070 | | 7/8" | | | | | | | | | | | | • | | | | | | | | | | |
| FXL/CR1480 | | 1.1/4" | | | | | | | | | | | | | | | • | | | | | | | |
| CR1873 | | 1.5/8" | | | | | | | | | | | | | | | | • | | | | | | |
| Eupen | 5042 | 7-8 | | • | | | | | | | | | | | | | | | | | | | | |
| | 5062 | 11 | | | | • | | | | | | | | | | | | | | | | | | |
| | 5088 LD | 13 | | | | | • | | | | | | | | | | | | | | | | | |
| | 5092 Hiflex | 14 | | | | | | • | | | | | | | | | | | | | | | | |
| | 5128 LD | 1/2" (17) | | | | | | | | | • | | | | | | | | | | | | | |
| | 5228 LD | 7/8" (28) | | | | | | | | | | | • | | | | | | | | | | | |
| | 5229 "Air" | 7/8"M (30) | | | | | | | | | | | | | • | | | | | | | | | |
| | 5328 LD | 1.1/4" (40) | | | | | | | | | | | | | | | • | | | | | | | |
| | 5438 LD | 1.5/8" (52) | | | | | | | | | | | | | | | | • | | | | | | |

| Ø | Tipo cavo Cable type Kabeltyp Type de câble | Ø nominale Nominal Ø Nenndurchmesser Ø nominale | Fissacavi - Cable Clamps | | RAC | Kabelschellen - Fixations | |
|----------------|--|--|--------------------------|----------|------------|---------------------------|------------|
| | | | Ø 15-18 | Ø 20-23 | Ø 26-30 | Ø 38-41 | Ø 47-51 |
| Andrew | 1/2" | RXL4-1A | 16,00 | RAC 1/2" | | | |
| | | RXL4-1RN | 16,00 | | | | |
| | | RXL4-1RNT1 | 17,50 | | | | |
| | | RXL4-1RNT | 19,00 | | | | |
| | | RXL4-2A | 16,00 | | | | |
| | | RXL4-2RN | 16,00 | | | | |
| | | RXL4-2RNT | 19,00 | | | | |
| | | RXL4-3A | 16,00 | | | | |
| | | RXL4-3RN | 16,00 | | | | |
| | | RXL4-3RNT | 19,00 | | | | |
| | | RXP4-1 | 16,00 | | | | |
| | | RXP4-2 | 16,00 | | | | |
| | 7/8" | RXL5-1A | 28,00 | | RAC 7/8" | | |
| | | RXL5-1RN | 28,00 | | | | |
| | | RXL5-1RNT1 | 28,50 | | | | |
| | | RXL5-1RNT | 29,00 | | | | |
| 1.1/4" | RXL6-1A | 40,00 | | | RAC 1.1/4" | | |
| | RXL6-1RN | 40,00 | | | | | |
| | RXL6-1RNT | 40,50 | | | | | |
| | RXL6-1RNT | 41,00 | | | | | |
| 1.5/8" | RXL7-1A | 51,00 | | | | RAC 1.5/8" | |
| | RXL7-1RN | 51,00 | | | | | |
| | RXL7-1RNT1 | 51,00 | | | | | |
| | RXL7-1RNT | 51,00 | | | | | |
| Eupen | 1/2" | 512RC8R HLFR | 15,50 | RAC 1/2" | | | |
| | 7/8" | 522RC8R HLFR | 27,20 | | RAC 7/8" | | |
| | 1.5/8" | 543RC8R HLFR | 48,50 | | | | RAC 1.5/8" |
| Draka | 1/2" | RFX 1/2"-50 | 16,00 | RAC 1/2" | | | |
| | | RFXT 5/8"-50 | 22,00 | | RAC 5/8" | | |
| | 7/8" | RFXT 7/8"-50 MGHF | 28,70 | | RAC 7/8" | | |
| | | RFXT 7/8"-50 MSHF | 28,70 | | | | |
| | | RFXT 7/8"-50 | 28,70 | | | | |
| | | RFX 7/8"-50 | 27,50 | | | | |
| | | RFX 7/8"-50 GHF | 27,50 | | | | |
| | | RFX7/8"-50 BHF | 27,50 | | | | |
| | 1.1/4" | RFX1.1/4"-50 | 39,00 | | | RAC 1.1/4" | |
| | 1.5/8" | RFX 1.5/8"-50 | 50,00 | | | | RAC 1.5/8" |
| RFS Kabelmetal | 1/2" | ALF 4.4/11.1 | 15,00 | RAC 1/2" | | | |
| | | RCL 4.4/11.1 | 15,00 | | | | |
| | | RLK 4.4/11.1 | 15,00 | | | | |
| | 5/8" | AHF 4/17 | 22,00 | | RAC 5/8" | | |
| | | RLF 6.8/17.3 | 22,00 | | | | |
| | | RLK 6.8/17.3 | 22,00 | | | | |
| | | RAY 58 | 22,00 | | | | |
| | 7/8" | RFL 9/23 | 28,70 | | RAC 7/8" | | |
| | | RLK 9/23 | 28,70 | | | | |
| | | RAY 78 | 28,20 | | | | |
| | 1.1/4" | RFL 13/33 | 38,30 | | | RAC 1.1/4" | |
| | | RLK 13/33 | 38,80 | | | | |
| | | RAY 114 | 38,80 | | | | |
| | 1.5/8" | RFL 17/44 | 47,50 | | | | RAC 1.5/8" |
| Sagem | 1/2" | 1/2" CR | 17,0 | RAC 1/2" | | | |
| | 7/8" | 7/8" CR | 29,1 | | RAC 7/8" | | |
| | 1.1/4" | 1.1/4" CR | 39,2 | | | RAC 1.1/4" | |
| | 1.5/8" | 1.5/8" CR | 50,2 | | | | RAC 1.5/8" |
| Trilogy | 1/2" | AR012 | 16,5 | RAC 1/2" | | | |
| | 5/8" | AR058 | 22,9 | | RAC 5/8" | | |
| | 7/8" | AR078 | 29,3 | | RAC 7/8" | | |
| | 1.1/4" | AR114 | 42,3 | | | RAC 1.1/4" | |
| | 1.5/8" | AR158 | 51,9 | | | | RAC 1.5/8" |