

Pag. 26

Profili  
tubolari D.28



Profilo Q PIPE



Profilo ESD



Profilo Inox



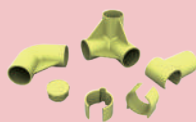
Profilo Alluminio

Pag. 29

Giunzioni  
per tubolari D.28



Giunti metallici

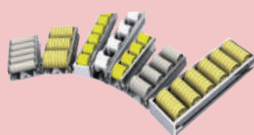


Giunti in plastica

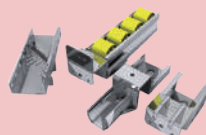
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Rulliere e  
Supporti



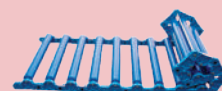
Rulliere



Supporti per rulliere  
e profilo slide



Guide per rulliere



MAT Conveyor

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Accessori



Accessori



Fasteners e Tools



Portaetichette



Profili angolari

Pag. 93

Ruote



Ruote tubolari



Ruote ESD



Ruote con flangia



Ruote Ammortizzate

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Specifiche  
tecniche



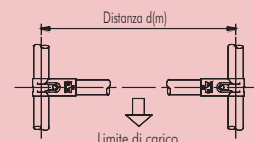
Manuale d'uso



Workflow



Structure Breakdown



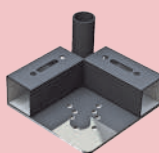
Margine di carico

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Sistema  
modulare  
High Load



Elementi BQ



Elementi BR



Profilo quadrato in acciaio



Sfere portanti e pneumatiche



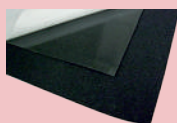
Rulliere multidirezionali



Rulli



Guide scorrevoli e Molle a gas



Rivestimenti in  
spugna e gomma



Coperture in PVC



Scaffale in tessuto



Piani



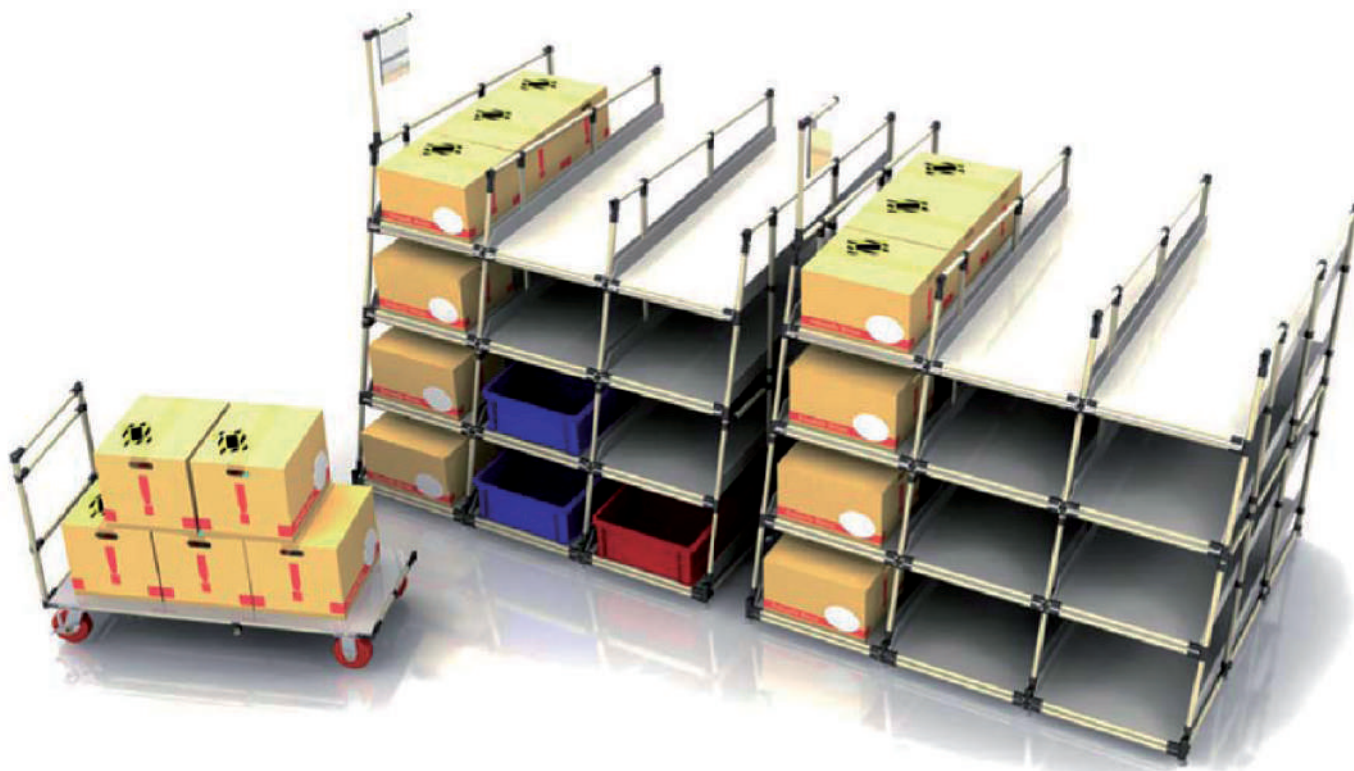
Ruote Europee



Parapiiede per  
ruote europee



Ruote speciali



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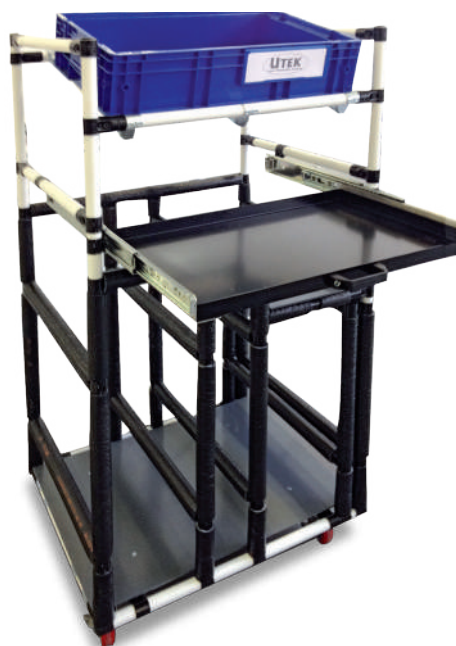
# APPLICAZIONI

- 1 Kitting
- 2 Carrelli, Shooter e Buffer
- 3 Flowrack, Sag e Supermarket
- 4 High Load e Milkrun
- 5 FiFo Rail
- 6 Corner rack Multidirezionale e rulli dinamici
- 7 Soluzioni speciali
- 8 Postazioni di lavoro
- 9 Lavagne e pannelli Kaizen

# KITTING

Soluzioni ideali per l'industria automotiva o i settori che richiedono soluzioni di stoccaggio e produzione one-piece flow.

Le nostre guide dispongono di attacchi speciali per il sistema tubolare





# CARRELLI, SHOOTER E BUFFER



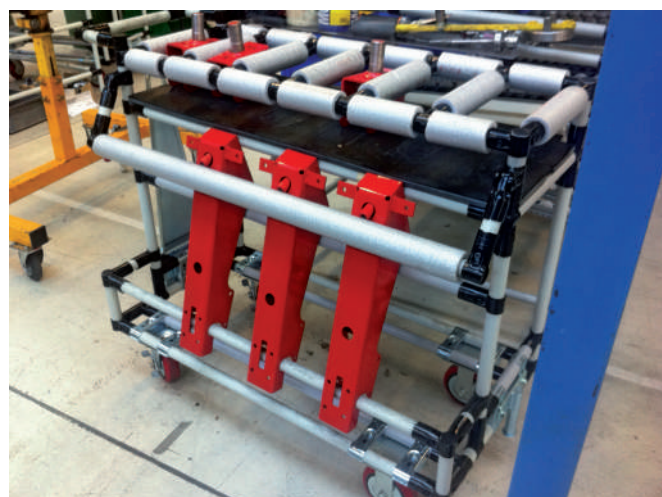
I carrelli shooter sono progettati per un rapido transfer di contenitori tra carrello e SAG. Soluzioni flessibili e semplici per la movimentazione di ogni tipo di materiale dotate di timone o gancio di traino. Ampia gamma di ruote combinabili disponibili anche in versione ESD. Le soluzioni sono disponibili anche per portate elevate.







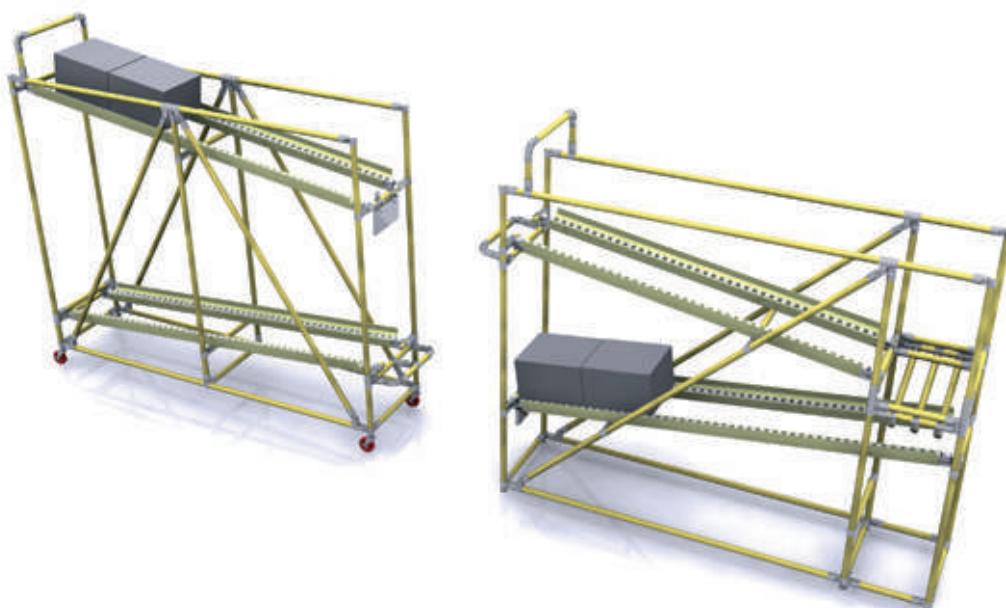
Vagoni trainabili da motrici



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Ampia gamma per elevata portate per realizzare soluzioni di stoccaggio anche mobili studiate per ridurre la lunghezza delle linee e gli stock a bordolinea, fondamentali per la gestione delle scorte con sistemi Kanban. Grazie a tali soluzioni si incrementa l'efficienza delle apparecchiature in termini di riduzione delle perdite per inattività e di velocità.

# FLOWRACK SAG E SUPERMARKET



Rulliere di assevvimento postazioni





Grazie a supermarket a picking frontale tutti i componenti sono a disposizione per il picking diretto da parte dell'operatore in posizione ergonomica. Si ha inoltre un regolare flusso delle cassette sulle rulliere e la possibilità di gestire il ritorno dei vuoti in maniera ottimale.



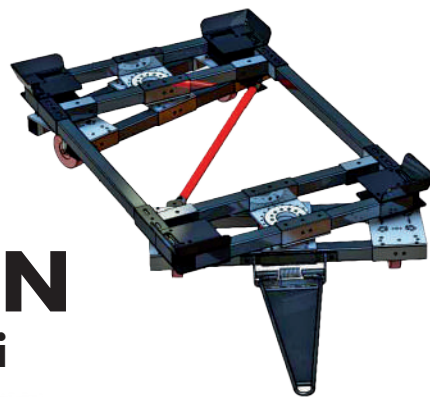
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La nostra gamma high load è la soluzione ideale per portate elevate o per movimentare carrelli o flow racks modulari mediante carrelli elevatori. Le nostre applicazioni high load si rivelano idonee a realizzare basi sterzanti per treni trainati da motrice. Proponiamo soluzioni milkrun che prevedono percorsi programmati in cui il carico e lo scarico dei materiali vengono effettuati in più fermate, in modo da ridurre i tempi e i costi di trasporto e ottimizzare la produttività.



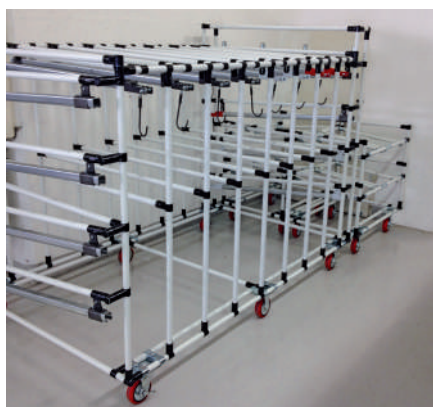
# HIGH LOAD E MILKRUN

## Soluzioni di trasporto per carichi pesanti

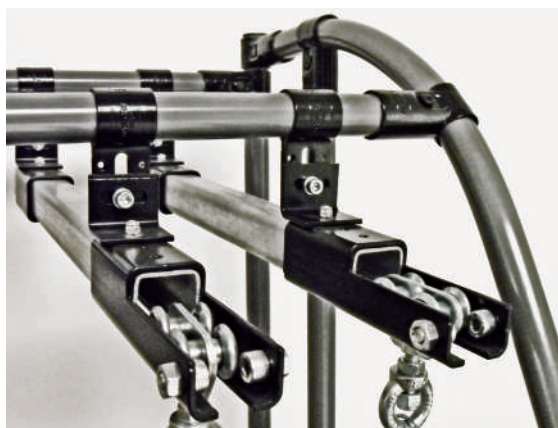
16



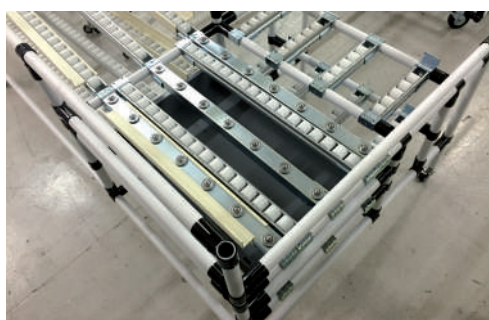
# FIFO RAIL



I sistemi C-Rail sono soluzioni per ottimizzare gli spazi nella gestione FiFo dei prodotti che non possono essere stoccati in cassette come per es. guarnizioni, elementi ingombranti o scocche metalliche. Asservimento pratico e funzionale grazie allo scorrimento dei carrellini lungo le vie di corsa. La gestione dei materiali fondata sul concetto FiFo porta alla valorizzazione delle scorte in magazzino. Esso esprime infatti il concetto di una coda, ossia riflette una modalità di immagazzinamento per cui il primo oggetto introdotto è il primo a uscire.



Soluzioni per un'ottima ed ergonomica movimentazione dei componenti. Le configurazioni di asservimento parallelo alla linea di montaggio portano a una riduzione di costi e tempi dovuta alla minor probabilità di dispersione e a un gran risparmio di spazi.

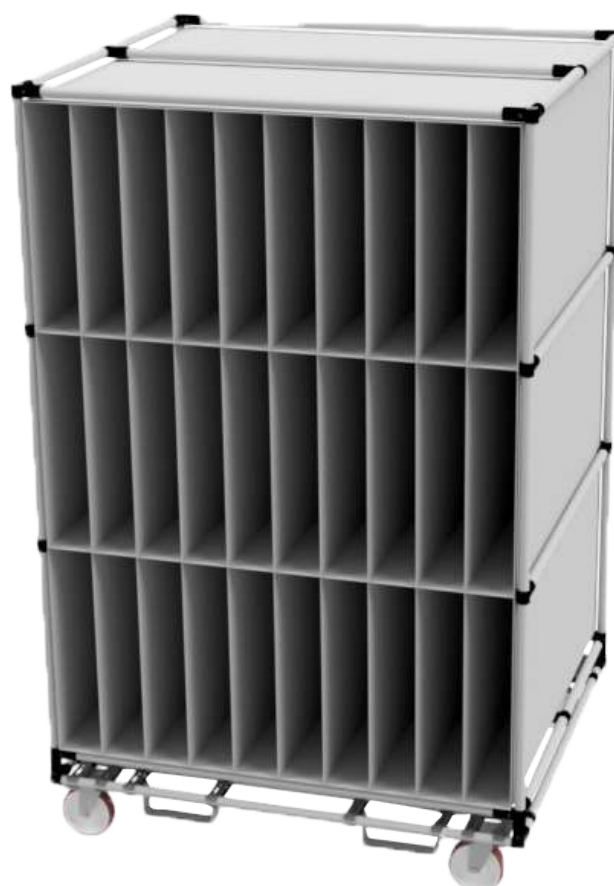


# CORNER RACK, MULTIDIREZIONALE E RULLI DINAMICI



# SOLUZIONI SPECIALI

Utek è in grado di studiare e sviluppare soluzioni altamente personalizzate insieme al cliente.



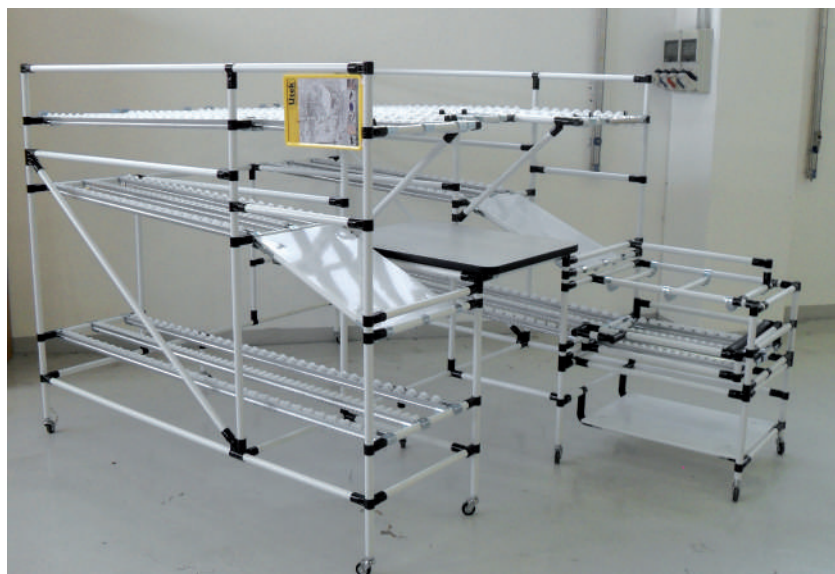






# POSTAZIONI DI LAVORO

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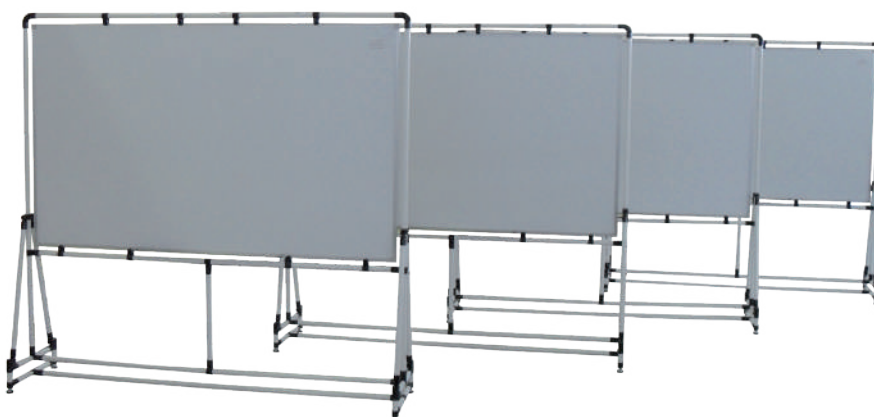
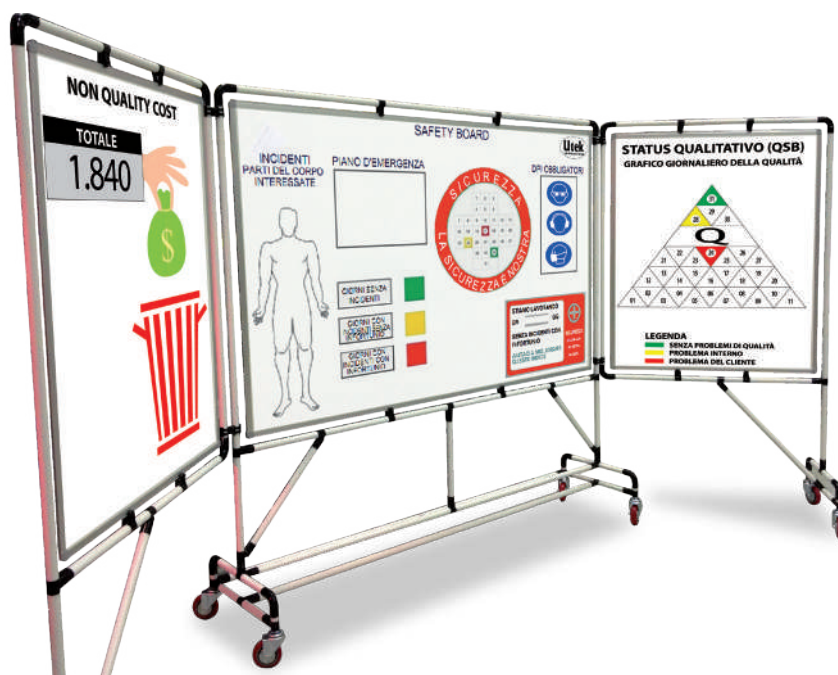


Nell'ottica dello sviluppo del posto di lavoro secondo i concetti dell'ergonomia, una postazione di lavoro ergonomica è la premessa fondamentale per un incremento di produttività e qualità, nonché per una riduzione delle scorte e del lead time. Proponiamo un'ampia gamma di postazioni di lavoro, da fisse a mobili ed ESD, con piani in diversi materiali fissi o removibili



# LAVAGNE E PANNELLI KAIZEN

Ampia gamma di soluzioni per l'ottimizzazione della comunicazione visiva e della filosofia Kaizen.







## Per un efficace processo e condizioni di lavoro ergonomiche

Il nostro sistema modulare composto da profili e giunti serve a pianificare e ottimizzare i processi aziendali, attuando i principi Kaizen e della Lean Production.

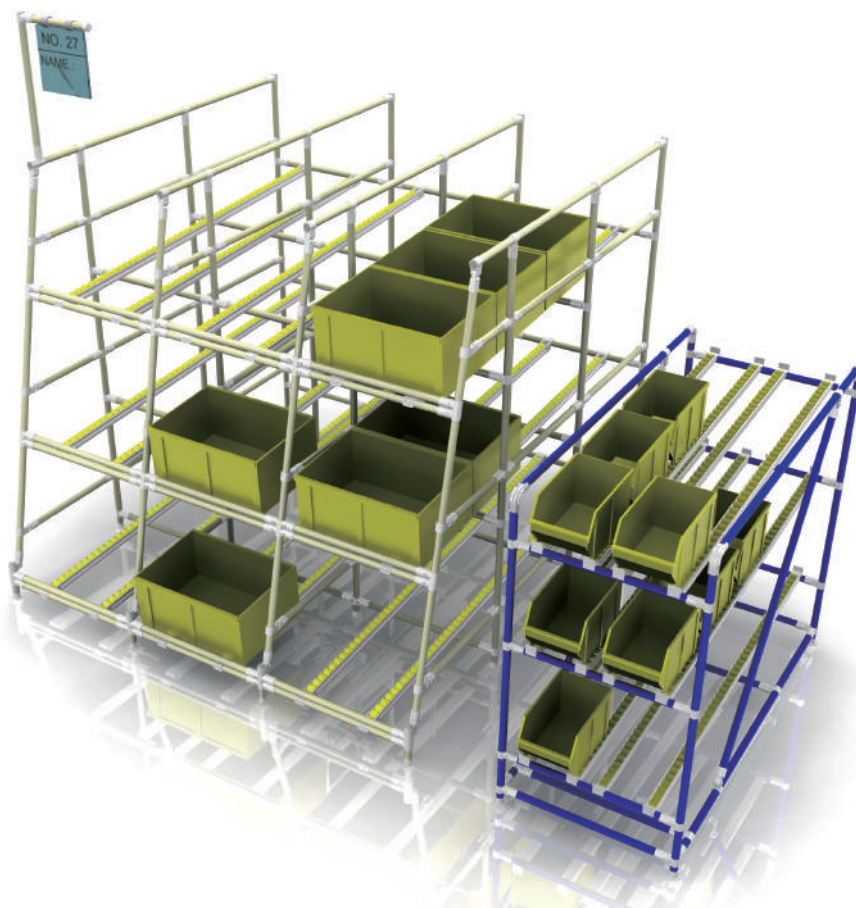
Le idee e i concetti possono essere attuati più rapidamente grazie alla facilità di montaggio e alla sua flessibilità.

Il sistema si appresta principalmente a essere impiegato per Kanban, flow racks, trolleys, banchi da lavoro e tugger trains.

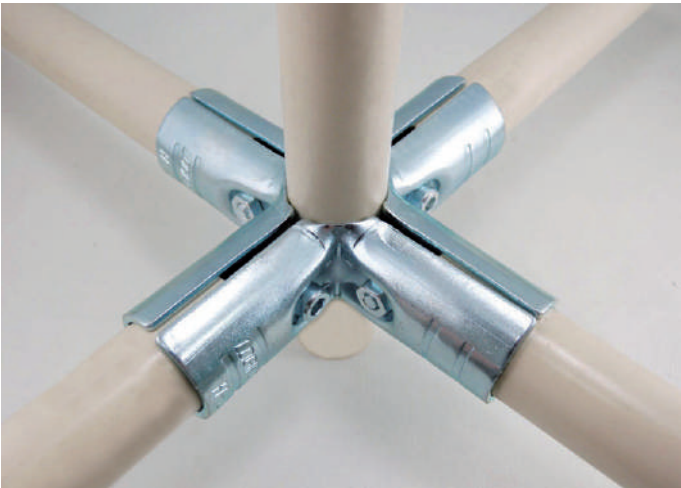
Utek ha una gamma parallela di profili, giunti e rulliere perfetta per le applicazioni ESD.

**Realizzare i propri progetti non è mai stato così semplice. Con UTEK darete slancio ai vostri progetti KAIZEN.**

- ⚙️ **Semplicità di montaggio:** semplice e rapido montaggio di strutture personalizzate
- ⚙️ **Durata e pulizia:** durevole pulizia grazie al rivestimento ABS
- ⚙️ **Totalmente riutilizzabile:** modifiche applicabili rapidamente e con il minimo sforzo
- ⚙️ **Affidabilità:** realizzazione di strutture dinamiche maneggevoli, leggere e robuste
- ⚙️ **Economicità:** assemblaggio realizzabile senza attrezzi particolari
- ⚙️ **Semplicità:** interconnessione di tubi e giunti senza il bisogno di saldature
- ⚙️ **Kaizen:** realizzazione delle proprie idee di miglioramento continuo



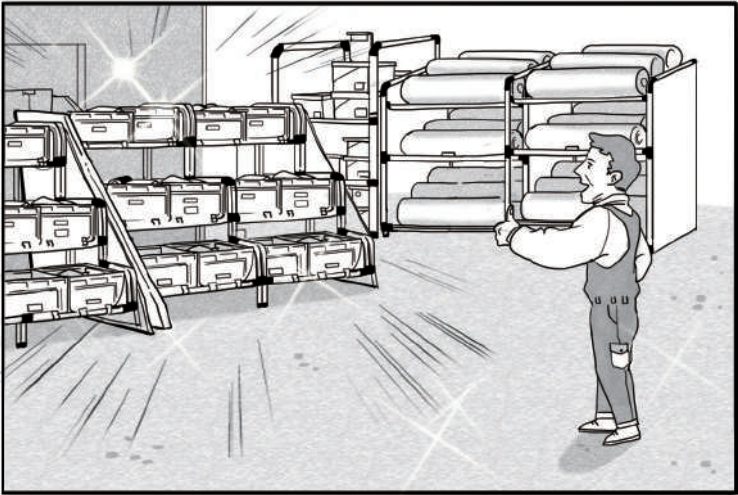
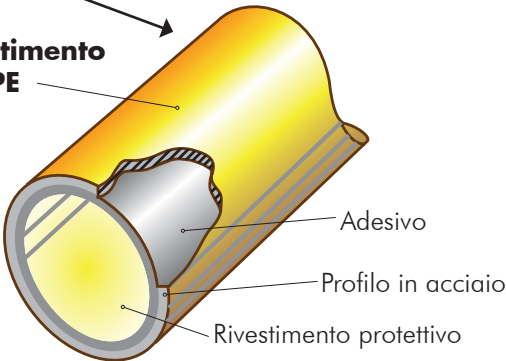


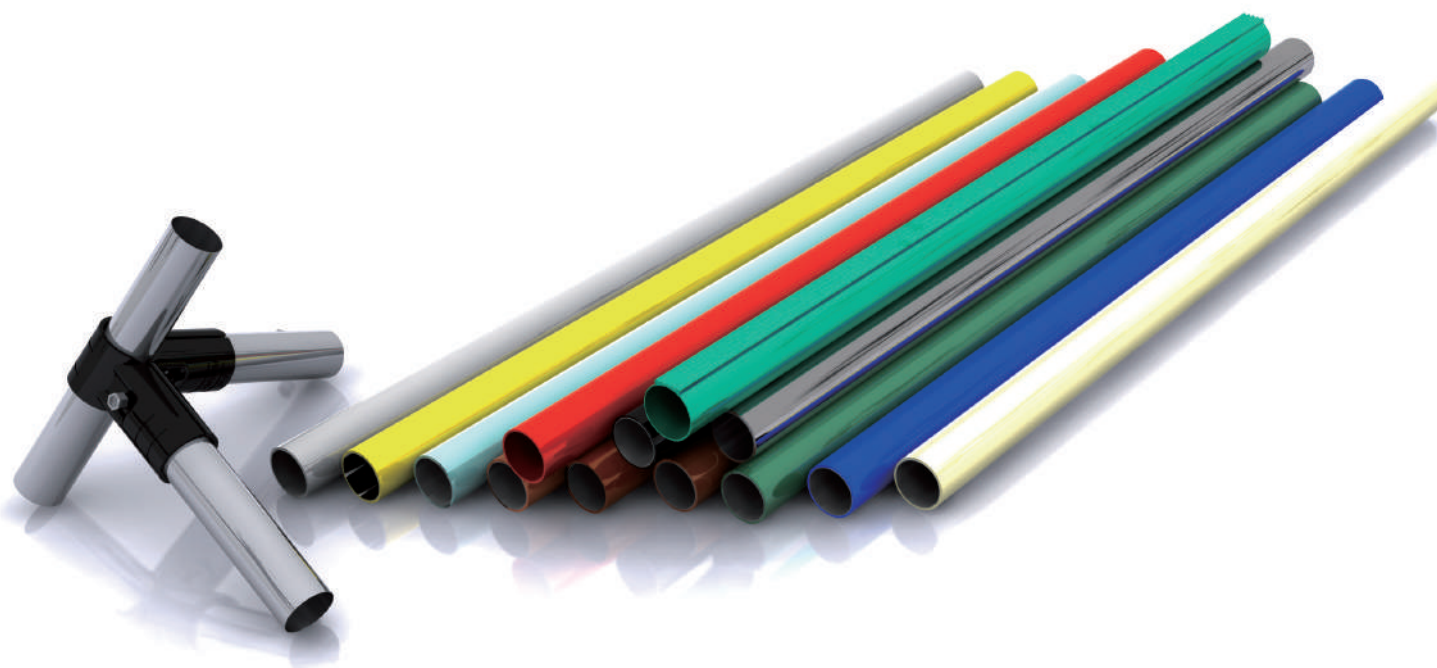


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Rivestimento  
Q-PIPE





- 1 Profilo Q-PIPE
- 2 Profilo ESD
- 3 Profilo inox
- 4 Profilo alluminio



- Rivestito esternamente in ABS.
- Riutilizzabile al 100%.
- Superficie interna trattata con anticorrosivo.



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VANTAGGI

- Ampia gamma di colori;
- Economico;
- Facile da tagliare;
- Leggero.

Si sconsiglia l’utilizzo a contatto con solventi

Differenze Q-Pipe e rivestimento ABS

| Sostanza              | Effetti |     | Sostanza           | Effetti |     |
|-----------------------|---------|-----|--------------------|---------|-----|
|                       | Q-PIPE  | ABS |                    | Q-PIPE  | ABS |
| WD 20                 | △       | △   | Acido malico (10%) | ○       | ○   |
| Cloruro di sodio      | ○       | X   | Mentolo            | ○       | △   |
| Fluido freni          | ○       | X   | Mercurio           | ○       | ○   |
| UV                    | △       | △   | Cloruro mercurico  | ○       | ○   |
| Lubrorefrigeranti     | ○       | X   | Ossido di mesitile | △       | X   |
| MEK                   | △       | X   | Metanolo           | ○       | △   |
| Glicole etilenico     | ○       | ○   | Diclorometano      | △       | X   |
| Mission oil           | ○       | X   | Diluente nitro     | ○       | X   |
| Toluene               | ○       | X   | Acetone            | ○       | X   |
| Oli e grassi animali  | ○       | △   | Vernice            | ○       | X   |
| Oli e grassi vegetali | ○       | ○   |                    |         |     |

○ = Ottima resistenza  
△ = Resistenza sufficiente  
X = Scarsa resistenza  
1 Metodo: propagazione o immersione  
2 Durata: più di 30 giorni  
3 Temperatura: 20°~30° Celsius

## PROFILI TUBOLARI D.28

### PROFILI Q-PIPE COLORI



Sistema modulare

| TUBO                                                                                             | CLASSIFICAZIONE                                                                                  | LUNGHEZZA STANDARD: 4000 mm |                   |          |                   |          |                     |                   |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------|-------------------|----------|-------------------|----------|---------------------|-------------------|
|                                                                                                  |                                                                                                  | Q-PIPE/ TUBO ESD ( ⚡ )      |                   |          |                   |          | TUBO RIV. A POLVERE | TUBO SLIDE        |
|                                                                                                  |                                                                                                  | COD. COLORE                 | Ø28X0.7T su rich. | Ø28X1.0T | Ø28X1.4T su rich. | Ø28X2.0T | Ø28X0.8T su rich.   | Ø28X1.0T su rich. |
| TUBO NORMALE                                                                                     | BIANCO          | WH                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | AVORIO          | IV                          |                   |          |                   |          |                     |                   |
|                                                                                                  | GRIGIO          | GR                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | GRIGIO INTENSO  | EG                          |                   |          |                   |          |                     |                   |
|                                                                                                  | GRIGIO SCURO    | DG                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | AZZURRO CHIARO  | SB                          |                   |          |                   |          |                     |                   |
|                                                                                                  | BLU             | BL                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | BLU SCURO       | DB                          |                   |          |                   |          |                     |                   |
|                                                                                                  | VERDE         | GN                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | VERDE SCURO   | DN                          |                   |          |                   |          |                     |                   |
|                                                                                                  | GIALLO        | YL                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | ORO           | GD                          |                   |          |                   |          |                     |                   |
|                                                                                                  | ARANCIO       | OR                          |                   |          |                   |          |                     |                   |
|                                                                                                  | MARRONE       | BR                          |                   |          |                   |          |                     |                   |
|                                                                                                  | ROSA          | PK                          |                   |          |                   |          |                     |                   |
|                                                                                                  | ROSSO         | RD                          |                   | •        |                   | •        |                     |                   |
|                                                                                                  | NERO          | BK                          |                   |          |                   |          |                     |                   |
| CONDUTTIVO ⚡  |                                                                                                  | BK                          |                   | •        |                   | •        |                     |                   |

| CLASSIFICAZIONE                                                                               | COD. COLORE | Ø 28x1.1 t | Ø 28x1.5 t |
|-----------------------------------------------------------------------------------------------|-------------|------------|------------|
| INOX       | ST          | •          |            |
| ALLUMINIO  | AL          |            | •          |

Altri colori su richiesta. - Soggetti a quantitativi d'ordine minimi. -  
Colori indicati in tabella a titolo esemplificativo - Campioni su richiesta.

ESEMPIO

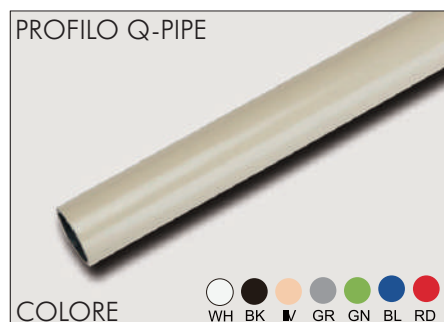
**LP** - **1100** **IV**  
 CODICE PROFILO      SPESSORE      COLORE

  
**Packing Unit**  
 1 barra = 4M  
 1 Fascio = 10 barre



## PROFILI TUBOLARI D.28

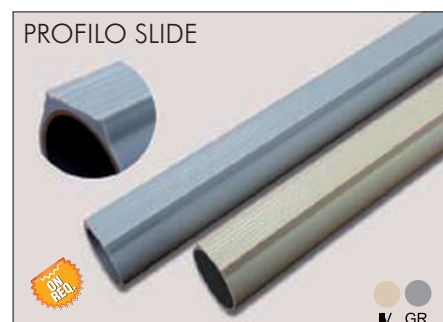
### PROFILO Q-PIPE



| CODICE  | SPESSORE (acciaio) | PESO     |
|---------|--------------------|----------|
| LP-1100 | 1t                 | 676g/m   |
| LP-1200 | 2t                 | 1.265g/m |



| CODICE    | SPESSORE (acciaio) | PESO     |
|-----------|--------------------|----------|
| CP-1100BK | 1t                 | 676g/m   |
| CP-1200BK | 2t                 | 1.265g/m |



| CODICE  | SPESSORE (acciaio) | PESO   |
|---------|--------------------|--------|
| SL-1100 | 1t                 | 767g/m |

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| CODICE                   | SPESSORE (acciaio) | PESO   |
|--------------------------|--------------------|--------|
| ST-1110<br>(201/304/439) | 1t                 | 734g/m |



| CODICE   | SPESSORE (alluminio) | PESO   |
|----------|----------------------|--------|
| ACP-1120 | 1,2t                 | 715g/m |



| CODICE  | SPESSORE (alluminio) | PESO     |
|---------|----------------------|----------|
| AJ-3143 | 1,5t                 | 467,5g/m |



## GIUNZIONI PER TUBOLARI D.28

### GIUNTI METALLICI



#### ESEMPIO COLORI



NERO (BK)  
(MJ-2101BK)



SILVER (SV)  
(MJ-2101SV)



CONDUTTIVO NICHEL (NI)  
(MJ-2101NI)

## TRATTAMENTO SUPERFICIE

| ARTICOLO | COLORE                                                                                     | TRATTAMENTO          | MATERIALE        |
|----------|--------------------------------------------------------------------------------------------|----------------------|------------------|
| BK       | NERO    | ELETTROFORESI        | ACCIAIO (SPCC-1) |
| SV       | SILVER  | CROMATURA TRIVALENTE |                  |
| NI       | NICKEL  | NICHELATURA          |                  |

## CODIFICAZIONI

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| ESEMPIO<br>CODICI<br>PRODOTTI | <b>MJ-2101NI</b><br>GIUNTO METALLICO H-1-NI (nickel) |
|                               | <b>MJ-2101SV</b><br>GIUNTO METALLICO H-1-SV (silver) |
|                               | <b>MJ-2101BK</b><br>GIUNTO METALLICO H-1 (nero)      |

- Ampia gamma di giunti;
- Resistenza alla corrosione;
- Elevata portata dovuta alle scanalature interne dei giunti;
- Riutilizzabili;
- Giunto costruito in acciaio ad alta resistenza.



## GIUNZIONI PER TUBOLARI D.28

### GIUNTI METALLICI

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### H-1 (MJ-2101BK)



•240pcs/box •72g/pcs

#### H-1B (MJ-2201BK)



•240pcs/box •62g/pcs

#### H-2 (MJ-2102BK)



•150pcs/box •96g/pcs

#### H-3 (MJ-2103BK)



•70pcs/box •122g/pcs

#### H-4 (MJ-2104BK)



•180pcs/box •112g/pcs

#### H-5 (MJ-2105BK)



•300pcs/box •44g/pcs

#### H-6 (MJ-2106BK)



•300pcs/box •54g/pcs

#### H-6B (MJ-2206BK)



•300pcs/box •52g/pcs

#### H-7 (MJ-2107BK)



•180pcs/box •50g/pcs

#### H-7B (MJ-2207BK)



•180pcs/box •40g/pcs

#### H-8 (MJ-2108BK)



•300pcs/box •52g/pcs

#### H-9 (MJ-2109BK)



•100pcs/box •140g/pcs

#### H-10 (MJ-2110BK)



•180pcs/box •60g/pcs

#### H-11 (MJ-2111BK)



•200pcs/box •64g/pcs

#### H-11B (MJ-2211BK)



•200pcs/box •54g/pcs

#### H-12 (MJ-2112)



•200pcs/box •60g/pcs

#### H-13 (MJ-2113)



•140pcs/box •92g/pcs

#### H-14 (MJ-2114)



•150pcs/box •78g/pcs

## GIUNZIONI PER TUBOLARI D.28

### GIUNTI METALLICI

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### H-15A (MJ-2115BK)



•300pcs/box •44g/pcs

#### H-15B (MJ-2215BK)



•300pcs/box •38g/pcs

#### H-16 (MJ-2116BK)



•300pcs/box •50g/pcs

#### H-16B (MJ-2216BK)



•300pcs/box •50g/pcs

#### H-17 (MJ-2117BK)



•180pcs/box •66g/pcs

#### H-18 (MJ-2118BK)



•240pcs/box •66g/pcs

#### H-19 (MJ-2219BK)



•270pcs/box •62g/pcs

#### H-20 (MJ-2120BK)



•150pcs/box •94g/pcs

#### H-21 (MJ-2121BK)



•150pcs/box •101g/pcs

#### H-22 (MJ-2122BK)



•180pcs/box •76,6g/pcs

#### H-23 (MJ-2123BK)



•180pcs/box •75,7g/pcs

#### H-25A (MJ-2125BK)



•300pcs/box •48g/pcs

#### H-25B (MJ-2125BK)



•220pcs/box •41g/pcs

#### H-45A (MJ-2145BK)



•140pcs/box •60g/pcs

#### H-45B (MJ-2245BK)



•140pcs/box •60g/pcs

#### H-108 (MJ-21108BK)



•140pcs/box •92g/pcs

#### H-162 (MJ-21162BK)



•180pcs/box •92g/pcs



## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

**HJ-1**



**HJ-1B**



**HJ-2**



**HJ-3**



**HJ-4**



**HJ-5**



**HJ-6**



**HJ-6B**



**HJ-7**



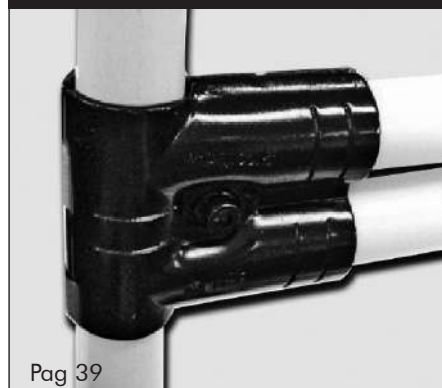
**HJ-7B**



**HJ-8**



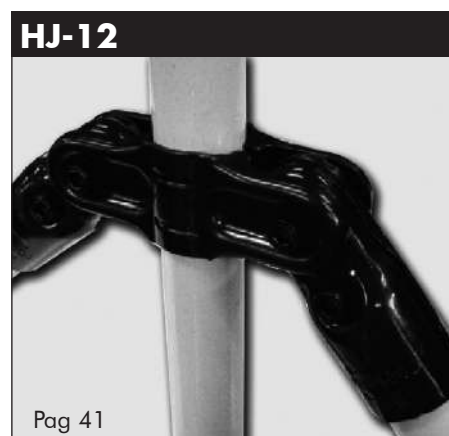
**HJ-9**



## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)





## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

**HJ-20**



**HJ-21**



**HJ-22**



**HJ-23**



**HJ-25**



**HJ-45**



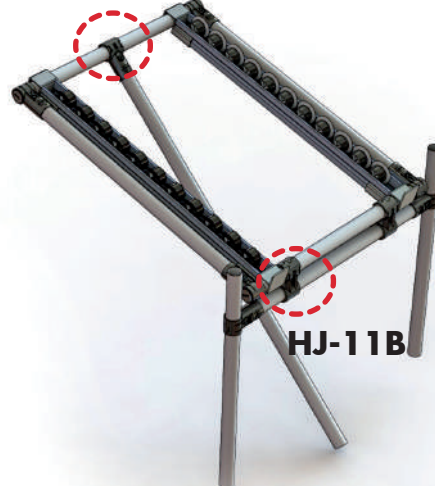
**HJ-108**



**HJ-162**



**HJ-10**



## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)



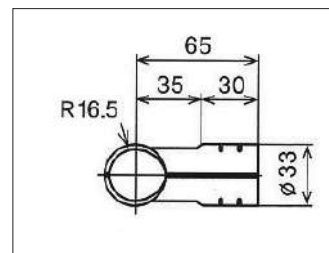
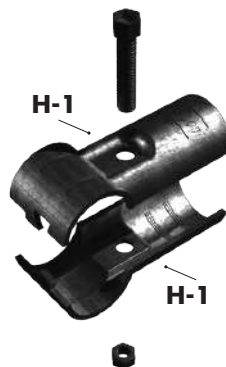


## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-1

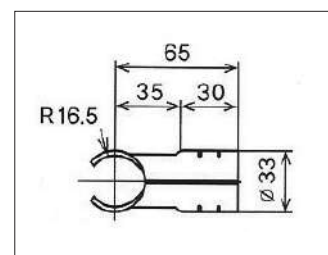


H-1: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-1B

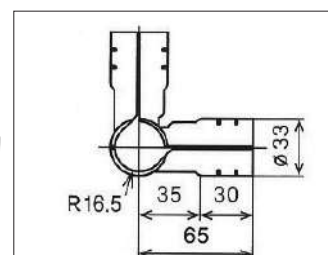
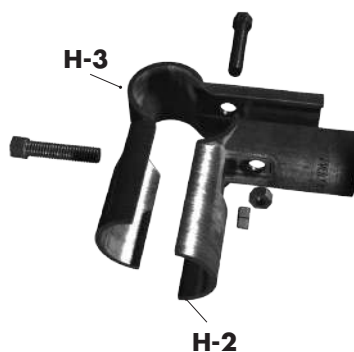
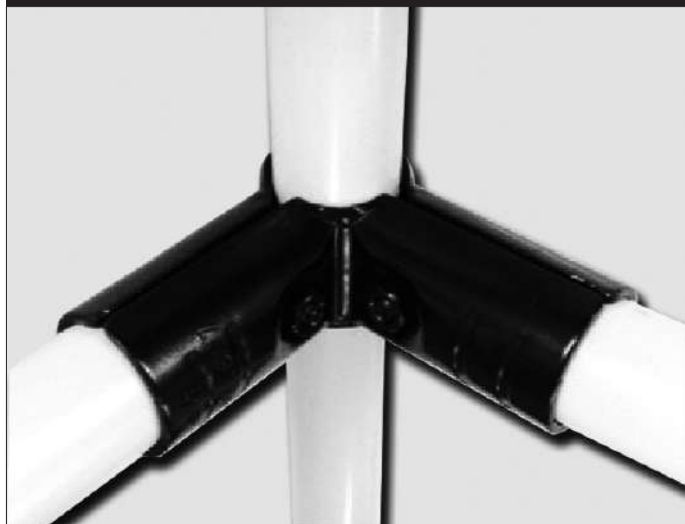


H-1B: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-2



H-2: 1 pezzo

H-3: 1 pezzo

Bulloni (WB-0625): 2 unità

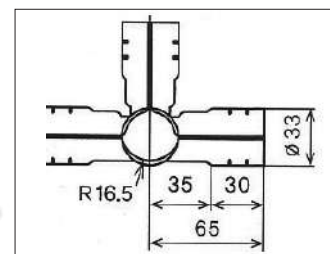
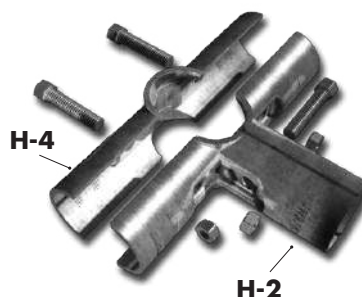
Dadi (NU-0600): 2 unità

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-3



H-2: 2 pezzi

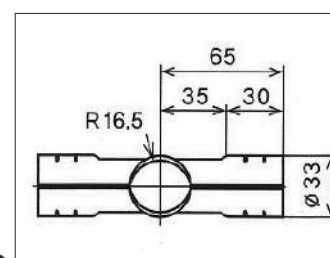
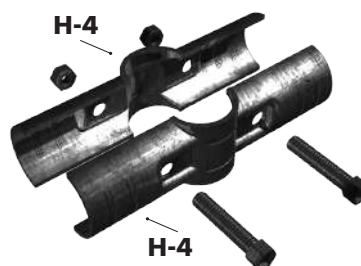
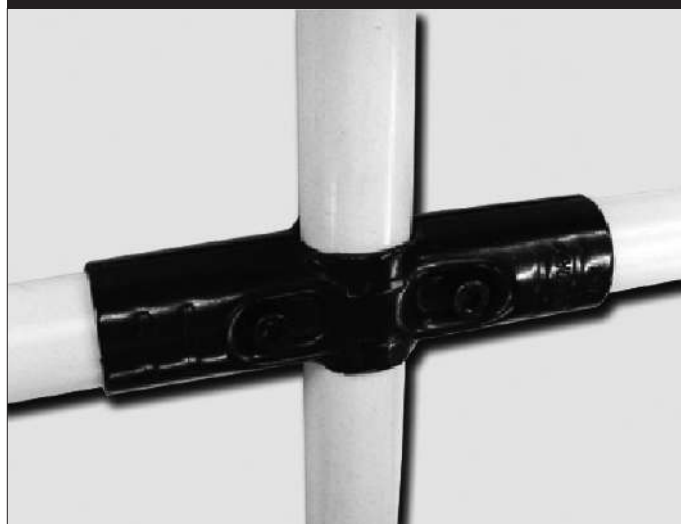
H-4: 1 pezzo

Bulloni (WB-0625): 3 unità

Dadi (NU-0600): 3 unità

37

#### HJ-4

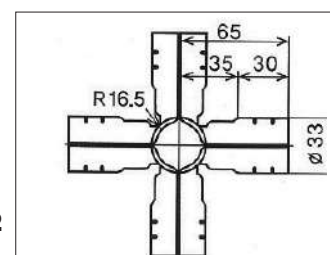
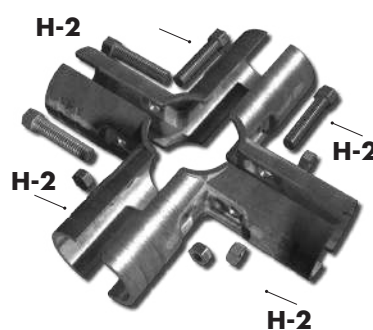


H-4 : 2 pezzi

Bulloni (WB-0625): 2 unità

Dadi (NU-0600): 2 unità

#### HJ-5



H-2 : 4 pezzi

Bulloni (WB-0625): 4 unità

Dadi (NU-0600): 4 unità

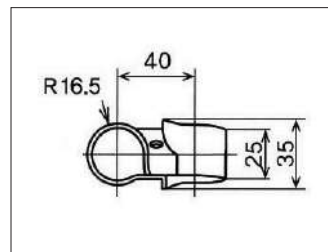


## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-6



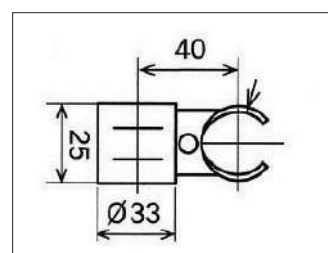
H-7: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

38

#### HJ-6B

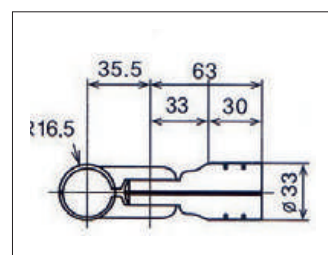
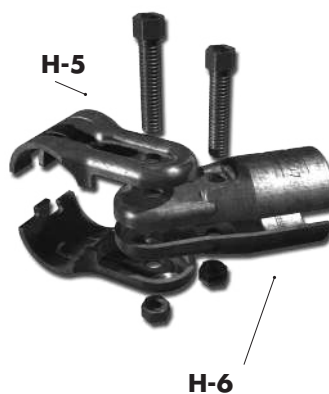


H-7B: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-7



H-5: 2 pezzi

H-6: 2 pezzi

Bulloni (WB-0625): 2 unità

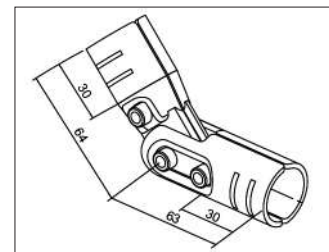
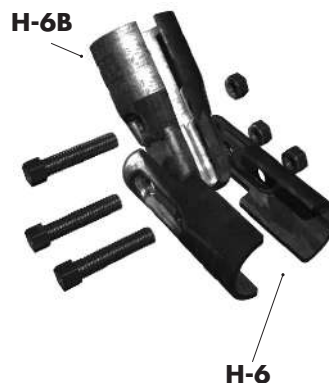
Dadi (NU-0600): 2 unità

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-7B



H-6B: 2 pezzi

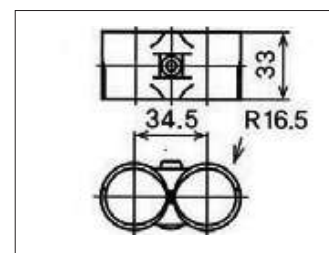
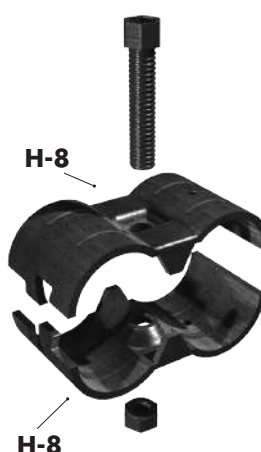
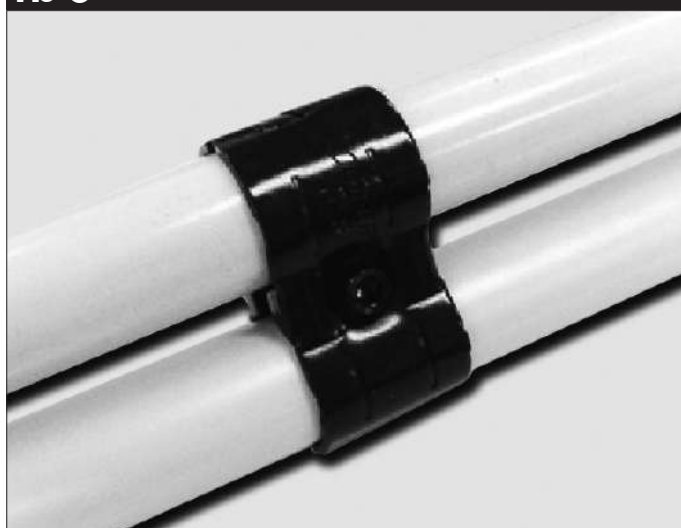
H-6: 2 pezzi

Bulloni (WB-0625): 3 unità

Dadi (NU-0600): 3 unità

39

#### HJ-8

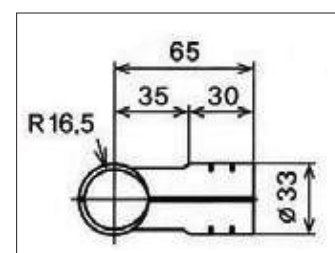
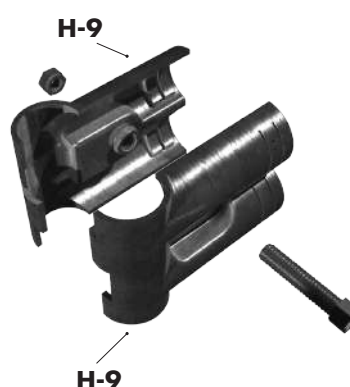


H-8: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-9



H-9: 2 pezzi

Bulloni (WB-0625): 1 unità

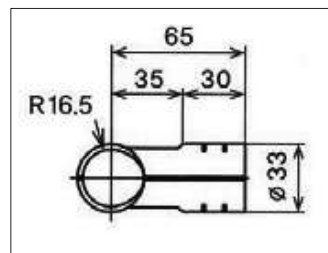
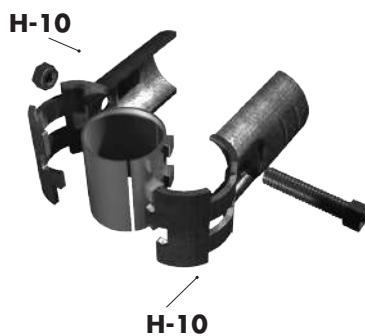
Dadi (NU-0600): 1 unità

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

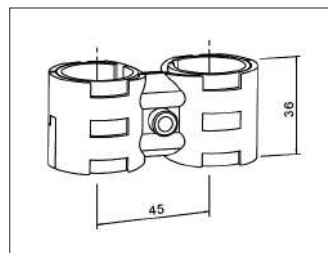
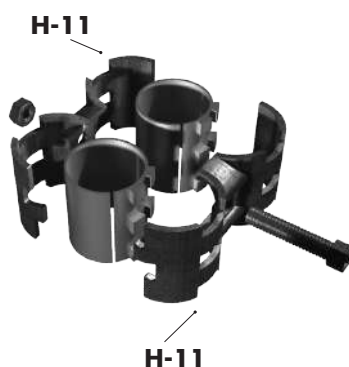
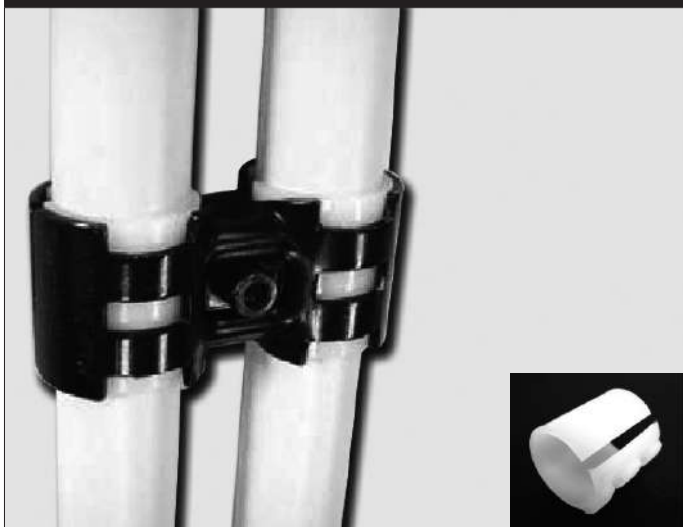
NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-10



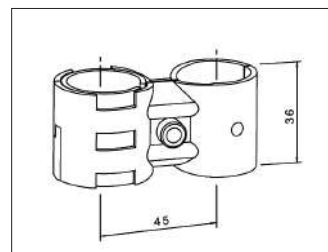
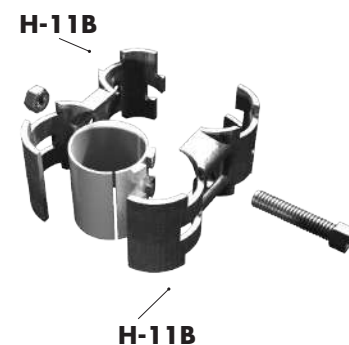
H-10: 2 pezzi  
PJ-140A: 1 pezzo  
Bulloni (WB-0625): 1 unità  
Dadi (NU-0600): 1 unità

#### HJ-11



H-11: 2 pezzi  
PJ-140A: 2 pezzi  
Bulloni (WB-0625): 1 unità  
Dadi (NU-0600): 1 unità

#### HJ-11B



H-11B: 2 pezzi  
PJ-140A: 1 pezzo  
Bulloni (WB-0625): 1 unità  
Dadi (NU-0600): 1 unità

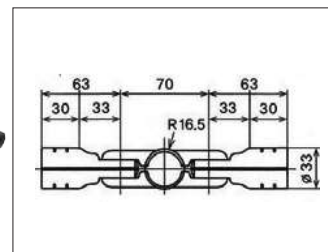
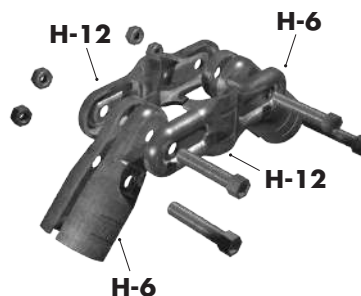


## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-12



H-6: 4 pezzi

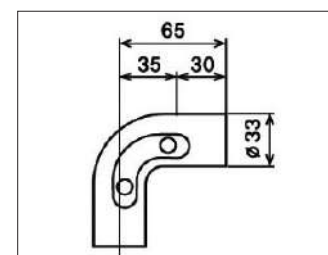
H-12: 2 pezzi

Bulloni (WB-0625): 4 unità

Dadi (NU-0600): 4 unità

41

#### HJ-13

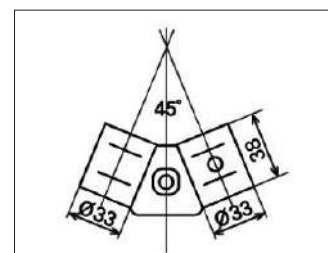


H-13: 2 pezzi

Bulloni (WB-0625): 2 unità

Dadi (NU-0600): 2 unità

#### HJ-14



H-14: 2 pezzi

Bulloni (WB-0625): 1 unità

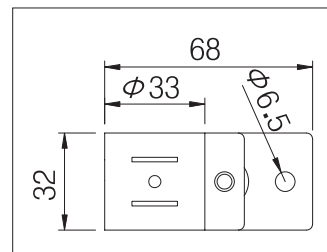
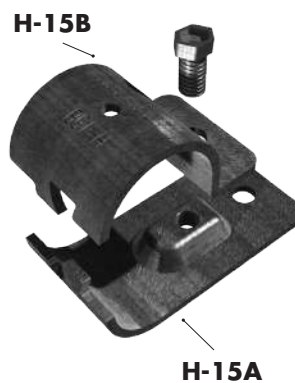
Dadi (NU-0600): 1 unità

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-15



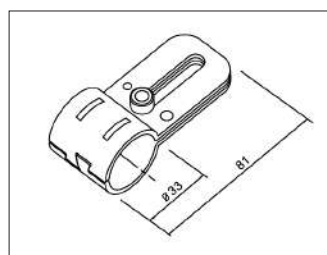
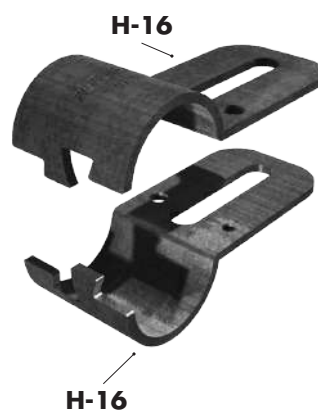
H-15A: 1 pezzo

H-15B: 1 pezzo

Bulloni (WB-0610): 1 unità

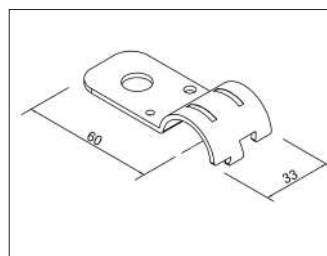
42

#### HJ-16



H-16: 2 pezzi

#### HJ-16B



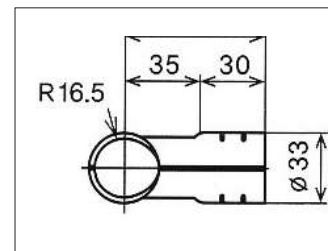
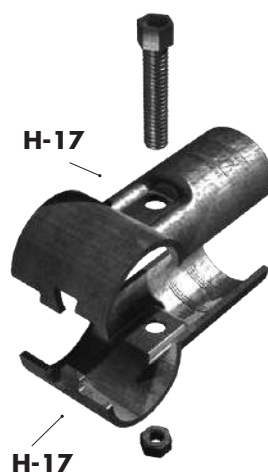
H-16B: 2 pezzi

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-17

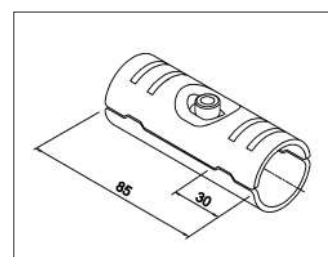


H-17: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-18

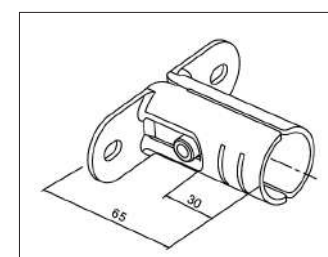
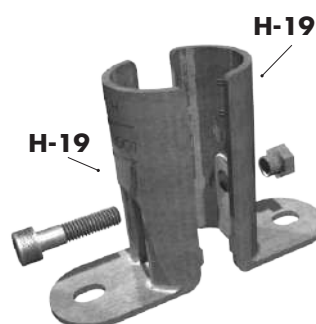


H-18: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-19



H-19: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

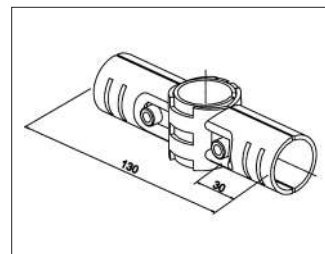
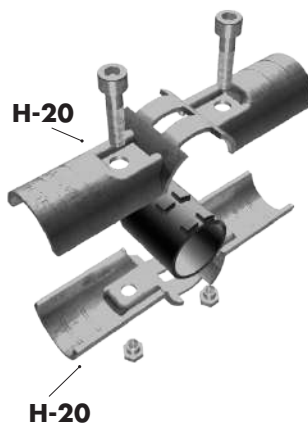


## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-20



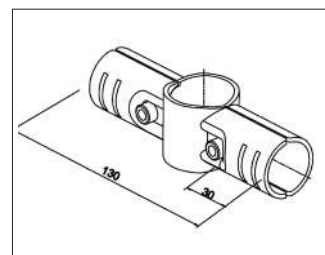
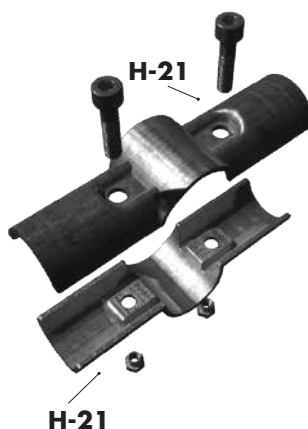
H-20: 2 pezzi

Bulloni (WB-0625): 2 unità

Dadi (NU-0600): 2 unità

PJ-140A: 1 unità

#### HJ-21

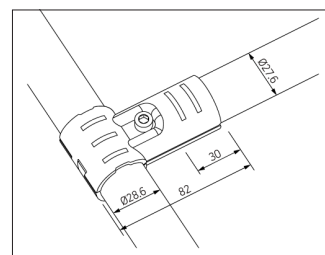
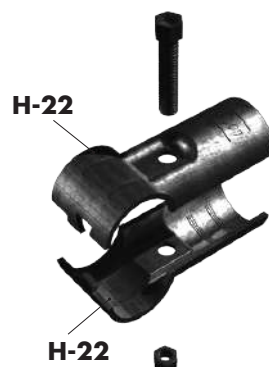


H-21: 2 pezzi

Bulloni (WB-0625): 2 unità

Dadi (NU-0600): 2 unità

#### HJ-22



H-22: 2 pezzi

Bulloni (WB-0625): 1 unità

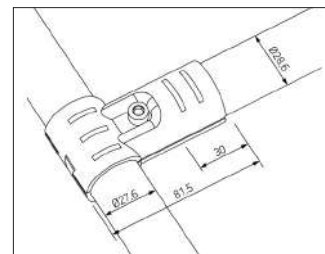
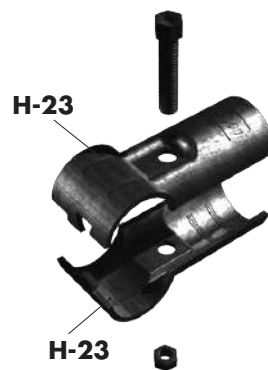
Dadi (NU-0600): 1 unità

## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-23

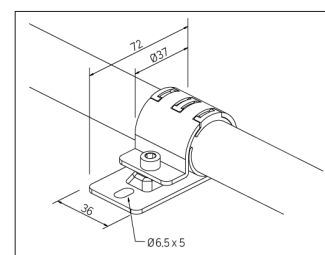
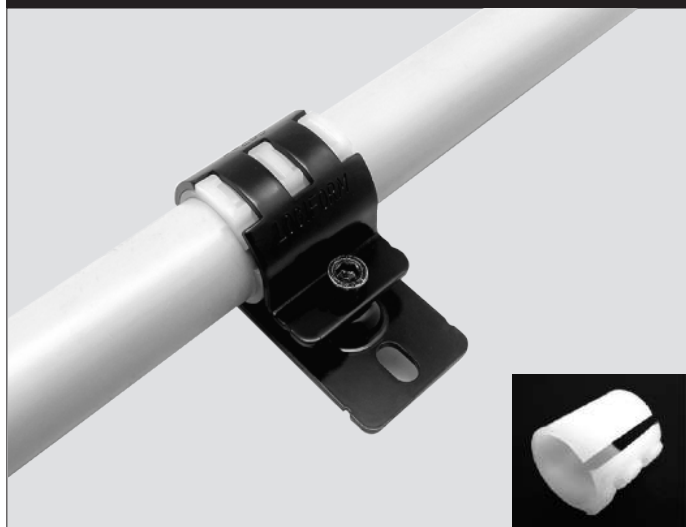


H-23: 2 pezzi

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

#### HJ-25

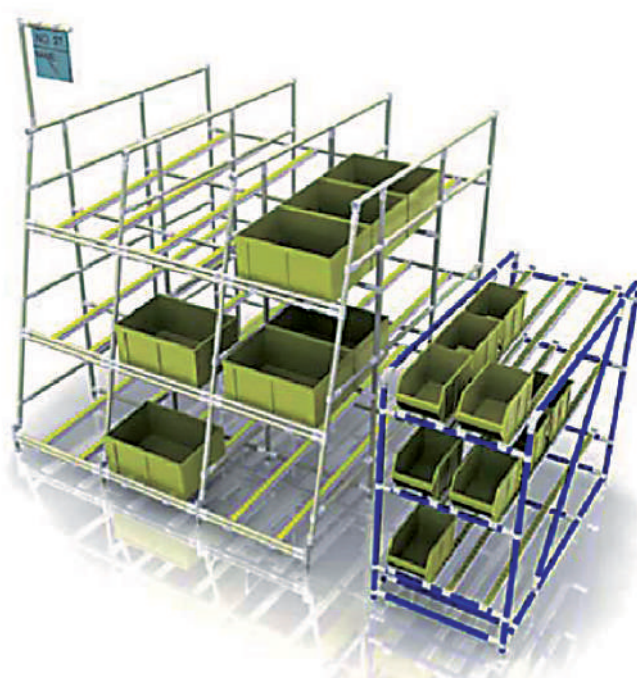


H-25A: 1 pezzo

H-25B: 1 pezzo

Bulloni (WB-0610): 1 unità

PJ-140A: 1 unità

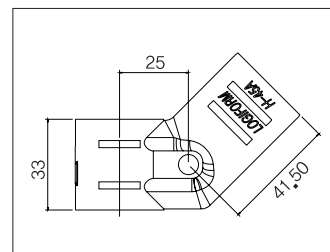
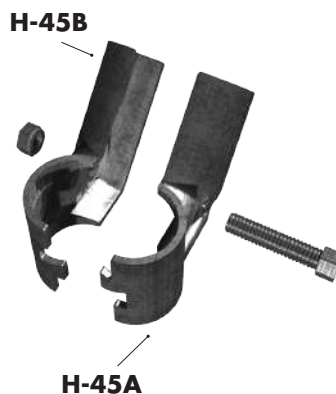


## GIUNZIONI PER TUBOLARI D.28

### GIUNZIONI COMPLETE

NERO (BK) / SILVER (SV) / CONDUTTIVO NICHEL (NI)

#### HJ-45



H-45A: 1 pezzo

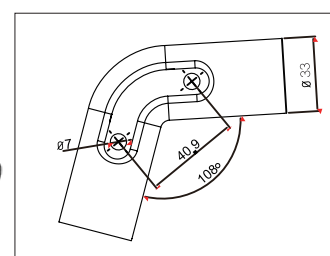
H-45B: 1 pezzo

Bulloni (WB-0625): 1 unità

Dadi (NU-0600): 1 unità

46

#### HJ-108

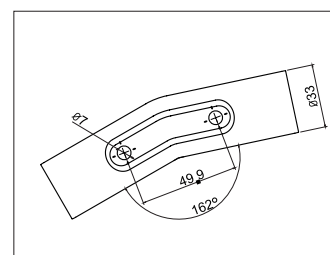


H-108: 2 pezzi

Bulloni (WB-0610): 2 unità

Dadi (NU-0600): 2 unità

#### HJ-162



H-162: 2 pezzi

Bulloni (WB-0625): 2 unità

Dadi (NU-0600): 2 unità



## GIUNZIONI PER PROFILI QUADRI 30X30

### GIUNTI METALLICI QUADRI

SILVER (SV)

#### S-1 (MJ-3001SV)

NEW



•150pcs/box •100g/pcs

#### S-2 (MJ-3002SV)

NEW



•70pcs/box •134,2g/pcs

#### S-3 (MJ-3003SV)

NEW



•60pcs/box •172g/pcs

#### S-4 (MJ-3004SV)

NEW



•100pcs/box •162,6g/pcs

#### S-1A (MJ-3011SV)

NEW



•180pcs/box •74g/pcs

#### S-5 (MJ-3005SV)

NEW



•63g/pcs

#### S-6 (MJ-3006SV)

NEW



•76g/pcs

#### S-7 (MJ-3007SV)

NEW



•83g/pcs

#### SCS-3090

NEW



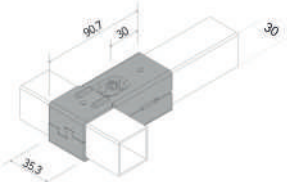
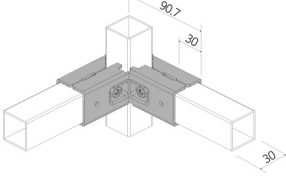
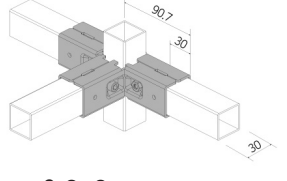
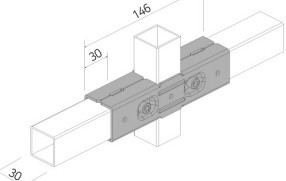
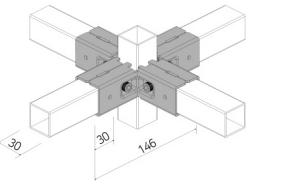
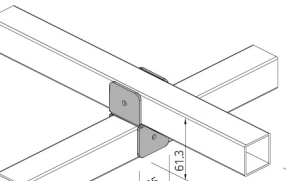
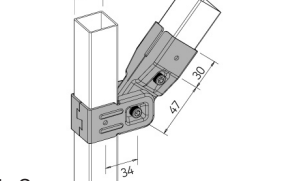
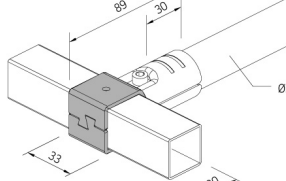
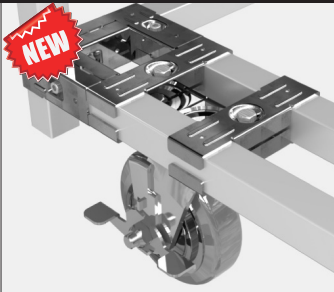
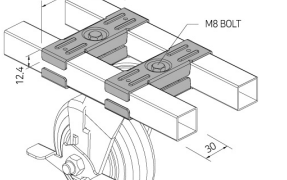
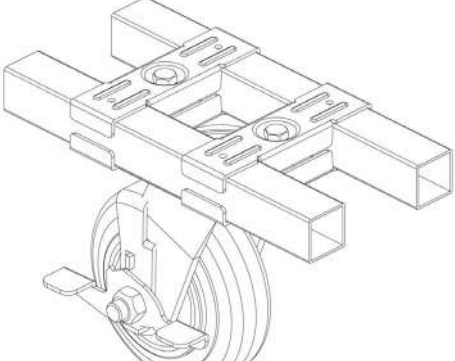
•110g/pcs



# GIUNZIONI PER PROFILI QUADRI 30X30

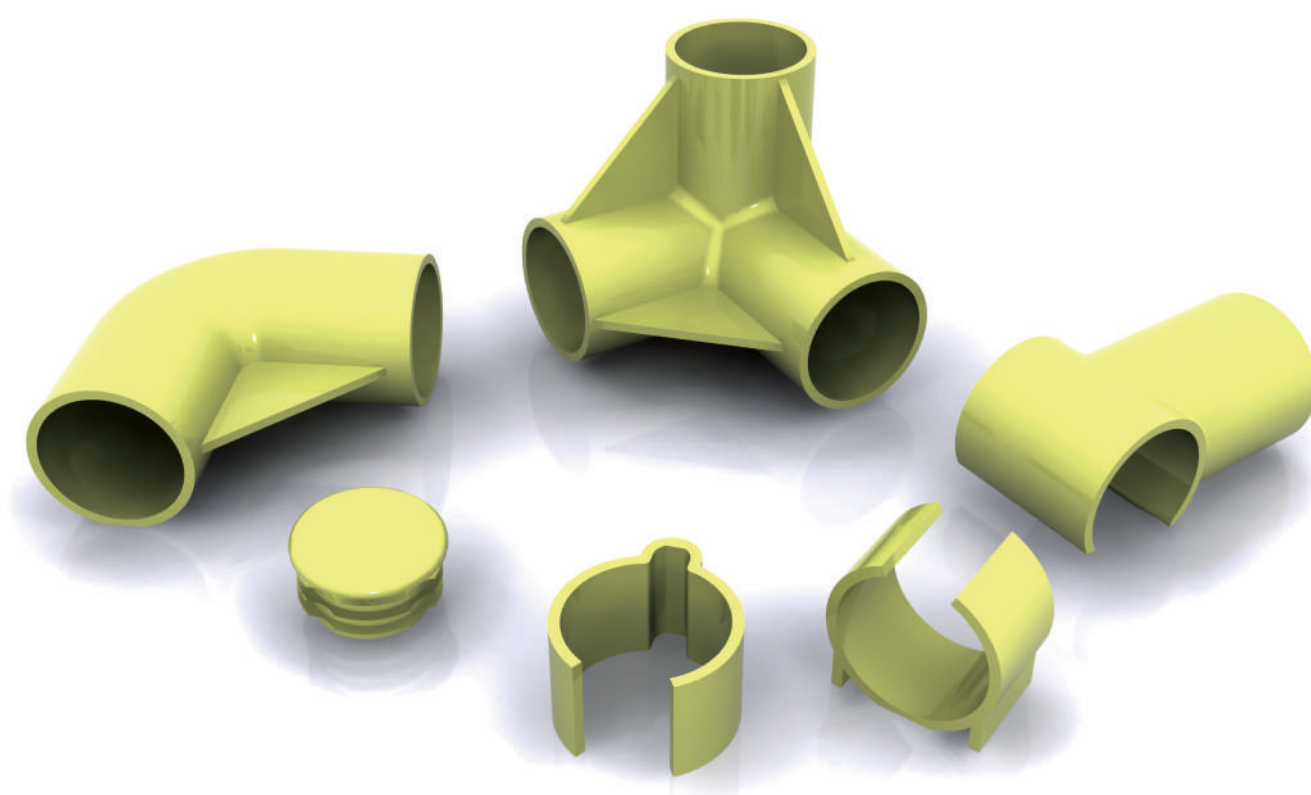
## GIUNTI METALLICI QUADRI COMPLETI

SILVER (SV)

|                                                                                                     |                                                                                                                                                                                                          |                                                                                                      |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SJ-1</b><br>     |  <p>S-1: 2pcs<br/>           Bulloni (WB-0630): 1pc<br/>           Dadi (NU-0600): 1pc</p>                              | <b>SJ-2</b><br>    |  <p>S-2: 1pcs<br/>           S-3: 1pcs<br/>           Bulloni (WB-0630): 2pcs<br/>           Dadi (NU-0600): 2pcs</p> |
| <b>SJ-3</b><br>    |  <p>S-2: 2pcs<br/>           S-4: 1pcs<br/>           Bulloni (WB-0630): 3pcs<br/>           Dadi (NU-0600): 3pcs</p>   | <b>SJ-4</b><br>   |  <p>S-4: 2pcs<br/>           Bulloni (WB-0630): 2pcs<br/>           Dadi (NU-0600): 2pcs</p>                          |
| <b>SJ-5</b><br>   |  <p>S-2: 4pcs<br/>           Bulloni (WB-0630): 4pcs<br/>           Dadi (NU-0600): 4pcs</p>                          | <b>SJ-6</b><br>  |  <p>S-7: 1pc</p>                                                                                                    |
| <b>SJ-7</b><br>   |  <p>S-5: 2pcs<br/>           S-6: 2pcs<br/>           Bulloni (WB-0630): 2pcs<br/>           Dadi (NU-0600): 2pcs</p> | <b>SJ-1A</b><br> |  <p>S-1A: 2pcs<br/>           Bulloni (WB-0625): 1pcs<br/>           Dadi (NU-0600): 1pcs</p>                       |
| <b>SCS-90</b><br> |  <p>SCS-3090: 4pcs<br/>           Bulloni (WB-0840): 2pcs<br/>           Dadi (NU-0800): 2pcs</p>                     |                  |                                                                                                                                                                                                          |

## GIUNZIONI PER TUBOLARI D.28

GIUNTI IN PLASTICA



## 1 Giunti in plastica e Accessori



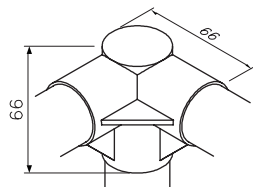
## GIUNZIONI PER TUBOLARI D.28

### GIUNTI IN PLASTICA E ACCESSORI

#### PJ-104C(IV)



PLASTIC JOINT TOP FLAT TYPE

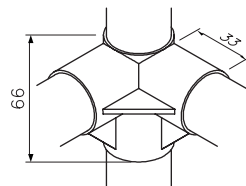


•150pcs/box •48g/pcs

#### PJ-104D(IV)

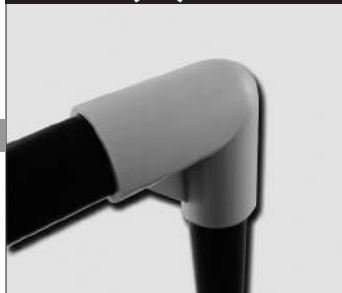


PLASTIC JOINT 3WAY TYPE

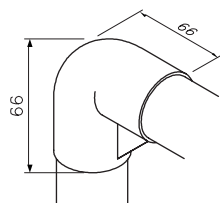


•150pcs/box •46g/pcs

#### PJ-105(IV)



PLASTIC JOINT TYPE

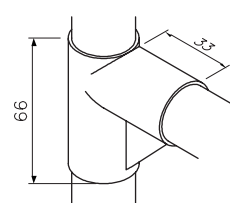


•220pcs/box •34g/pcs

#### PJ-118(IV)



PLASTIC JOINT 2WAY TYPE

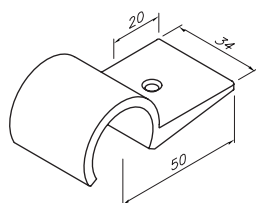


•250pcs/box •30g/pcs

#### PJ-113(IV)



PLASTIC JOINT PIPE CLAMP

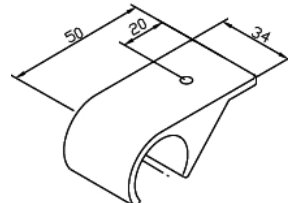


•500pcs/box •12g/pcs

#### PJ-113B(IV)



PLATE SUPPORT BRACKET

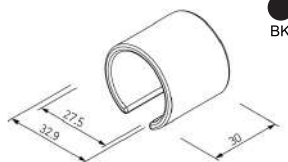


•500pcs/box •12g/pcs

#### PJ-138A



MZSH CLAWP

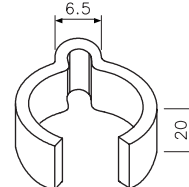


•2000pcs/box •7,8g/pcs

#### PJ-138B(BK)



NAME PLATE HANGER

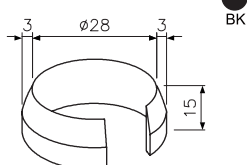


•1500pcs/box •4,5g/pcs

#### PJ-138C(BK)

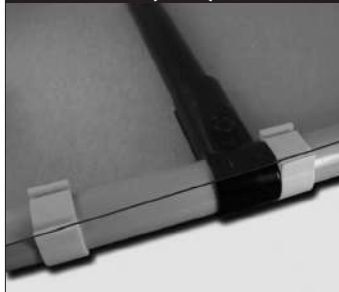


TAPERED EDGE

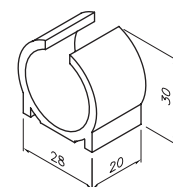


•2000pcs/box •3,4g/pcs

#### PJ-138S(BK)



HORIZONTAL HOLDER



•2000pcs/box •4g/pcs

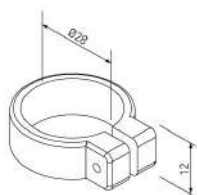
## GIUNZIONI PER TUBOLARI D.28

### GIUNTI IN PLASTICA E ACCESSORI

#### PJ-141(IV)



PLASTIC PIPE CLAMP

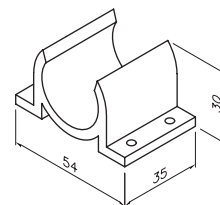


•2000pcs/box •6,5g/pcs

#### PJ-146(IV)



PLASTIC HINGE

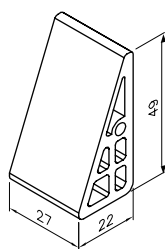


•600pcs/box •14g/pcs

#### PJ-1401(BK)



PLACON REVERSE BRAKE

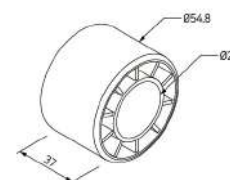


•200pcs/box •12g/pcs

#### PR-5428

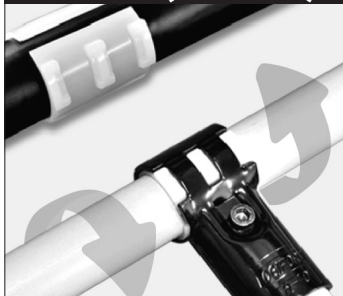


PIPE ROLLER

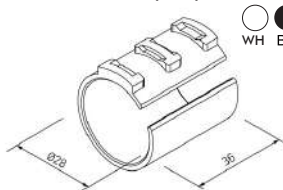


•250EA/box •27g/pcs

#### PJ-140A (WH, BK)



PLASTIC SLEEVE  
for HJ-10/11/20

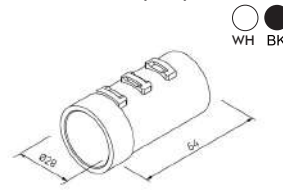


•850pcs/box •5,98g/pcs

#### PJ-140S (WH, BK)



PLASTIC SLEEVE  
for HJ-10/11/20

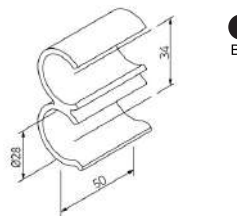


•400pcs/box •11,39g/pcs

#### PJ-109

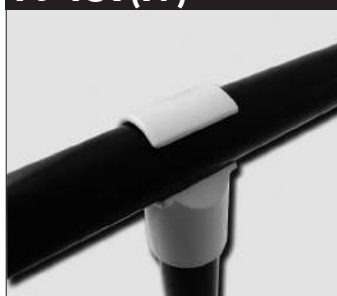


PLASTIC JOINT

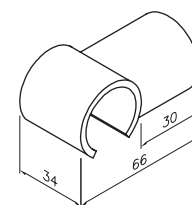


•300pcs/box •22,43g/pcs

#### PJ-159(IV)

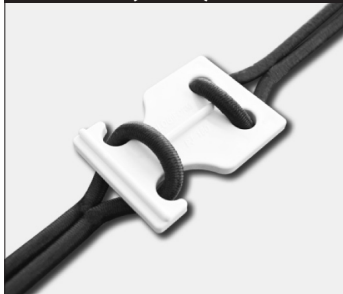


PLASTIC JOINT HOOK

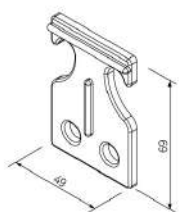


•250pcs/box •18g/pcs

#### PJ-180(WH)

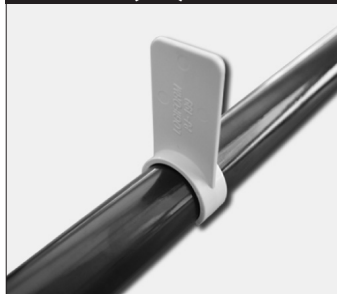


BAND HOOK

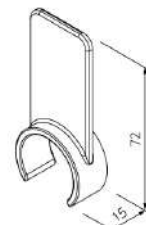


•200pcs/box •14g/pcs

#### PJ-199(IV)



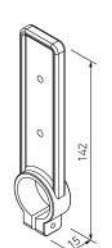
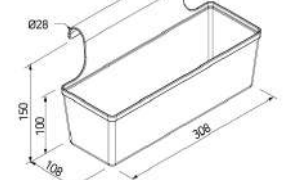
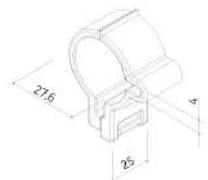
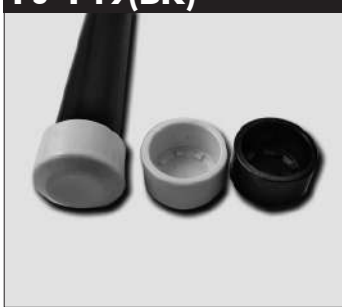
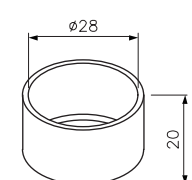
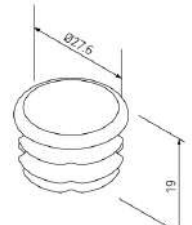
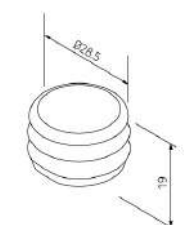
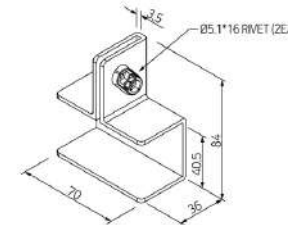
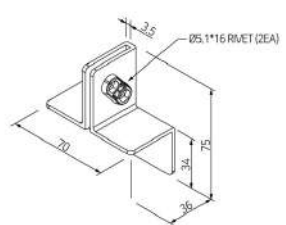
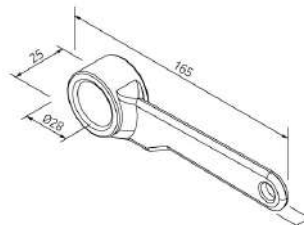
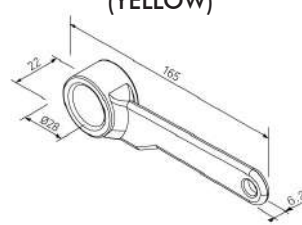
PLASTIC DIVIDE JOINT



•1000pcs/box •8g/pcs

## GIUNZIONI PER TUBOLARI D.28

### GIUNTI IN PLASTICA E ACCESSORI

|                                                                                                          |                                                                                                                                                |                                                                                                            |                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PJ-202</b><br>        | <b>PLASTIC DIVIDER</b><br><br>•500pcs/box •16g/pcs            | <b>RPC-300A</b><br>      | <b>RECTANGLE PLASTIC CONTAINER</b><br><br>•500pcs/box •16g/pcs          |
| <b>PJ-142</b><br>       | <b>MESH CLAMP</b><br><br>•800pcs/box •7,8g/pcs                | <b>PJ-149(BK)</b><br>   | <b>PIPE OUTER CAP</b><br><br>•1500pcs/box •7,4g/pcs                     |
| <b>PJ-110S(BK)</b><br> | <b>PIPE INNER CAP</b><br><br>•2500pcs/box •3,08g/pcs        | <b>PJ-110C(BK)</b><br> | <b>PIPE INNER CAP</b><br><br>•2000pcs/box •3,61g/pcs                  |
| <b>PG-2870A</b><br>    | <b>PANEL GUIDE (U-TYPE)</b><br><br>•180pcs/box •23,39g/pcs  | <b>PG-2870B</b><br>    | <b>PANEL GUIDE (L TYPE)</b><br><br>•300pcs/box •17,5g/pcs             |
| <b>UG-0165</b><br>     | <b>URETHANE HANDLE GUIDE</b><br><br>•300pcs/box •43,83g/pcs | <b>HG-0165A</b><br>    | <b>ELASTOMER HANDLE GUIDE (YELLOW)</b><br><br>•300pcs/box •30,33g/pcs |



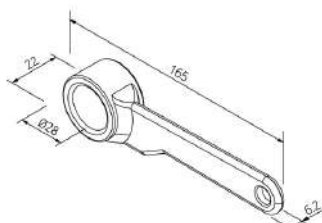
## GIUNZIONI PER TUBOLARI D.28

### GIUNTI IN PLASTICA E ACCESSORI

#### HG-0165B



ABS HANDLE GUIDE

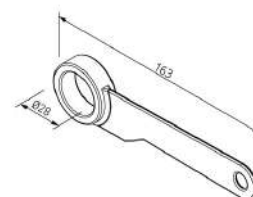


•300pcs/box •34,28g/pcs

#### HG-0165E



HANDLE GUIDE

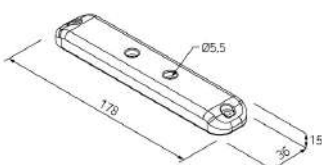


•400pcs/box •15g/pcs

#### BMR-01A



SIDE FLAT BUMPER

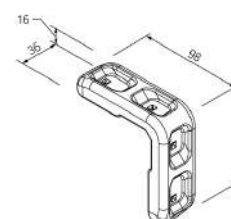


•300pcs/box •76g/pcs

#### BMR-02A



RIGHT ANGLE BUMPER

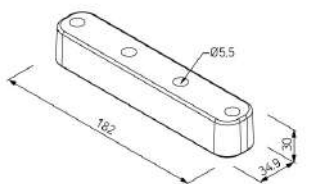


•250pcs/box •80g/pcs

#### BMR-01B



SIDE FLAT BUMPER

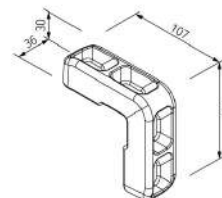


•250pcs/box •115g/pcs

#### BMR-02B



RIGHT ANGLE BUMPER



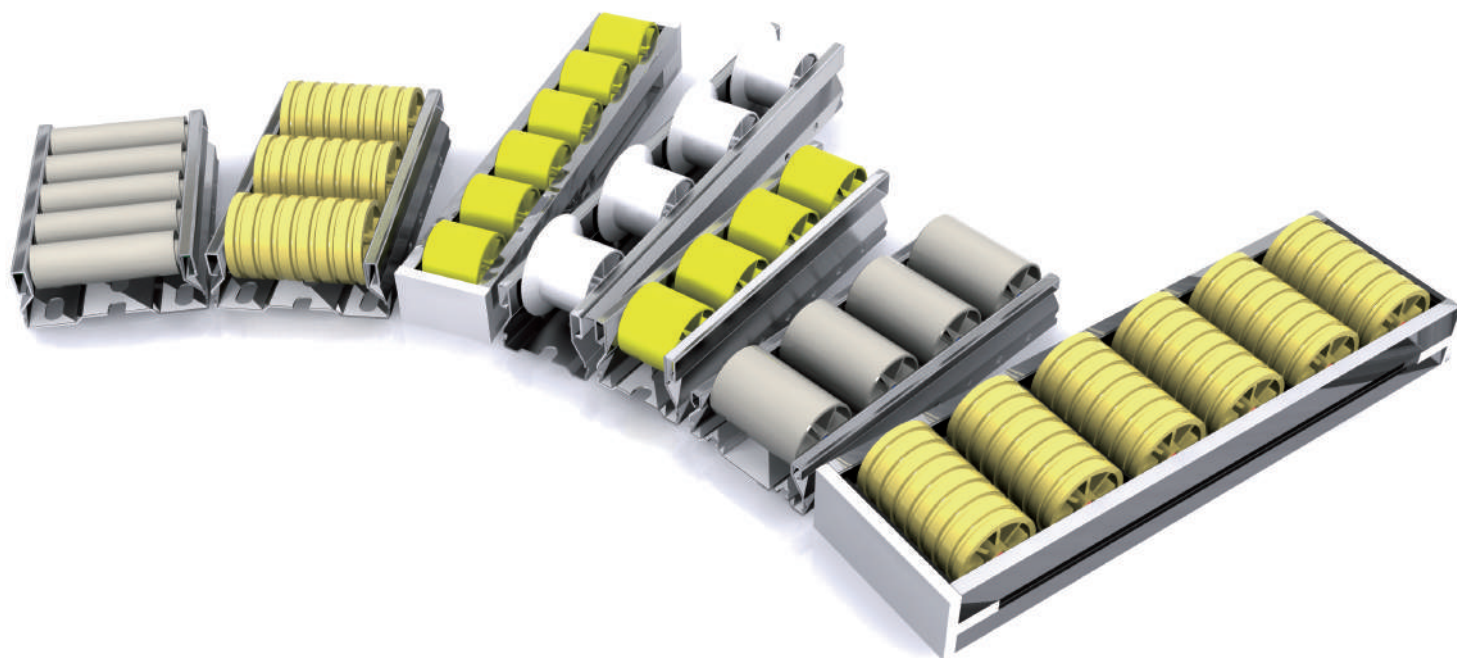
•200pcs/box •150g/pcs



## RULLIERE SUPPORTI E ACCESSORI

RULLIERE SERIE 40 / 73 / 100

54



- 1 Serie 40
- 2 Serie 73
- 3 Serie 100

## SPECIFICHE

| LUNGHEZZA STANDARD 4000 mm |                           |                  |         |          |       |                  |                   |               |
|----------------------------|---------------------------|------------------|---------|----------|-------|------------------|-------------------|---------------|
| SERIE                      | CODICE ART.               | MATERIALE        | Ø RULLO | L. RULLO | PERNO | L. PERNO<br>(mm) | PORTATA<br>(kg/m) | PESO<br>(g/m) |
| SERIE 40                   | PL-4014WH<br>(PL-401F_WM) | ACCIAIO          | Ø30     | 35,72    | Ø4    | 36,5             | 220               | 1125          |
|                            | PL-4014ED<br>(PL-401F_EM) |                  |         |          |       |                  |                   | 1180          |
|                            | PL-4014GR<br>(PL-401G_WM) |                  | Ø46     | 53,58    |       |                  |                   | 1102          |
|                            | PL-401M_WM                |                  | Ø27     | 17,86    |       |                  |                   | 1187          |
| SERIE 73                   | PL-7314WH<br>(PL-731F_WL) | ACCIAIO          | Ø34     | 40       | Ø4,95 | 69               | 350               | 1943          |
|                            | PL-7314ED<br>(PL-731F_EL) |                  |         |          |       |                  |                   | 1910          |
|                            | PL-7314WS<br>(PL-731F_WS) | ACCIAIO<br>SMALL | Ø18     | 20       |       |                  |                   | 1910          |
|                            | PL-7314RS<br>(PL-731F_TS) |                  |         |          |       |                  |                   | 2150          |

## CLASSIFICAZIONE RULLINI

| No | ART. | DESCRIZIONE          | RESISTENZA                          |
|----|------|----------------------|-------------------------------------|
| ①  | WH   | BIANCO               |                                     |
| ②  | YL   | GIALLO               |                                     |
| ③  | BK   | NERO                 |                                     |
| ④  | ED   | ⚡ ESD                | 10 <sup>3</sup> Ω~10 <sup>6</sup> Ω |
| ⑤  | GR   | GUIDATO              |                                     |
| ⑥  | EL   | ELASTOMERO           |                                     |
| ⑦  | EG   | ELASTOMERO CON GUIDE |                                     |

| No | ART. | DESCRIZIONE      | RESISTENZA                           |
|----|------|------------------|--------------------------------------|
| ⑧  | TP   | ⚡ TPU(ESD)       | 10 <sup>8</sup> Ω~10 <sup>11</sup> Ω |
| ⑨  | LN   | LESS NOISE       |                                      |
| ⑩  | WS   | BIANCO SMALL     |                                      |
| ⑪  | ES   | ⚡ ES SMALL       | 10 <sup>3</sup> Ω~10 <sup>6</sup> Ω  |
| ⑫  | RS   | GUIDATO          |                                      |
| ⑬  | TS   | ⚡ TPU(ESD) SMALL | 10 <sup>8</sup> Ω~10 <sup>11</sup> Ω |
|    |      |                  |                                      |

**PL - 4014WH**

**CODICE PRODOTTO** | **SERIE** | **LUNGHEZZA 4M** | **TIPO RULLINO**

**MATERIALE 1 ACCIAIO**

**Packing Unit**

1 barra = 4M

1 Fascio = SERIE 40 = 10 barre  
SERIE 73 = 5 barre

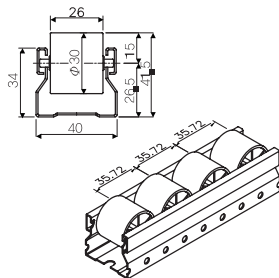
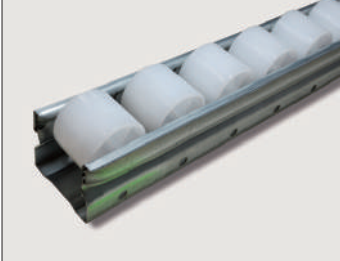


RULLIERE SUPPORTI E ACCESSORI

SERIE 40 ACCIAIO

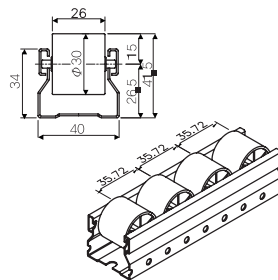
PL-4014WH

(PL-401F\_WM)



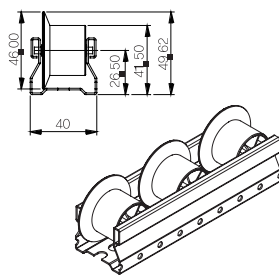
PL-4014ED

(PL-401F\_EM)

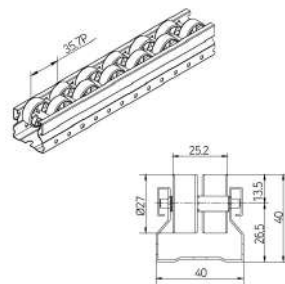


PL-4014GR

(PL-401G\_WM)

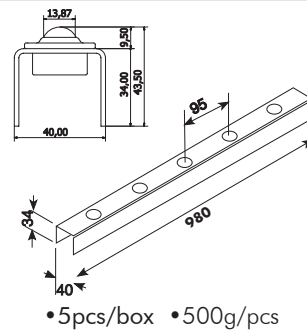


PL-401M\_WM



UT-SUP

Sfere escluse



• 5pcs/box • 500g/pcs

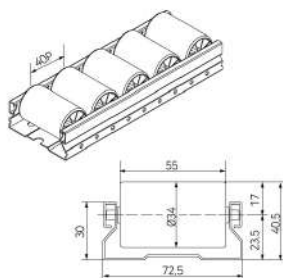


## RULLIERE SUPPORTI E ACCESSORI

### SERIE 73 ACCIAIO

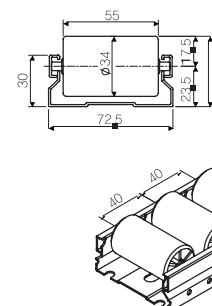
#### PL-7314WH

(PL-731F\_WL)



#### PL-7314ED

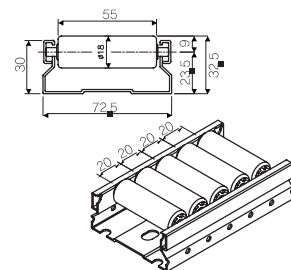
(PL-731F\_EL)



### SERIE 73 ACCIAIO - RULLINI SMALL

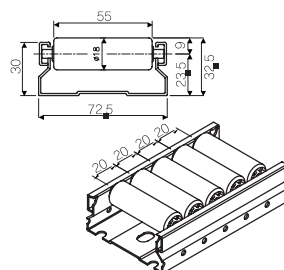
#### PL-7314WS

(PL-731F\_WS)



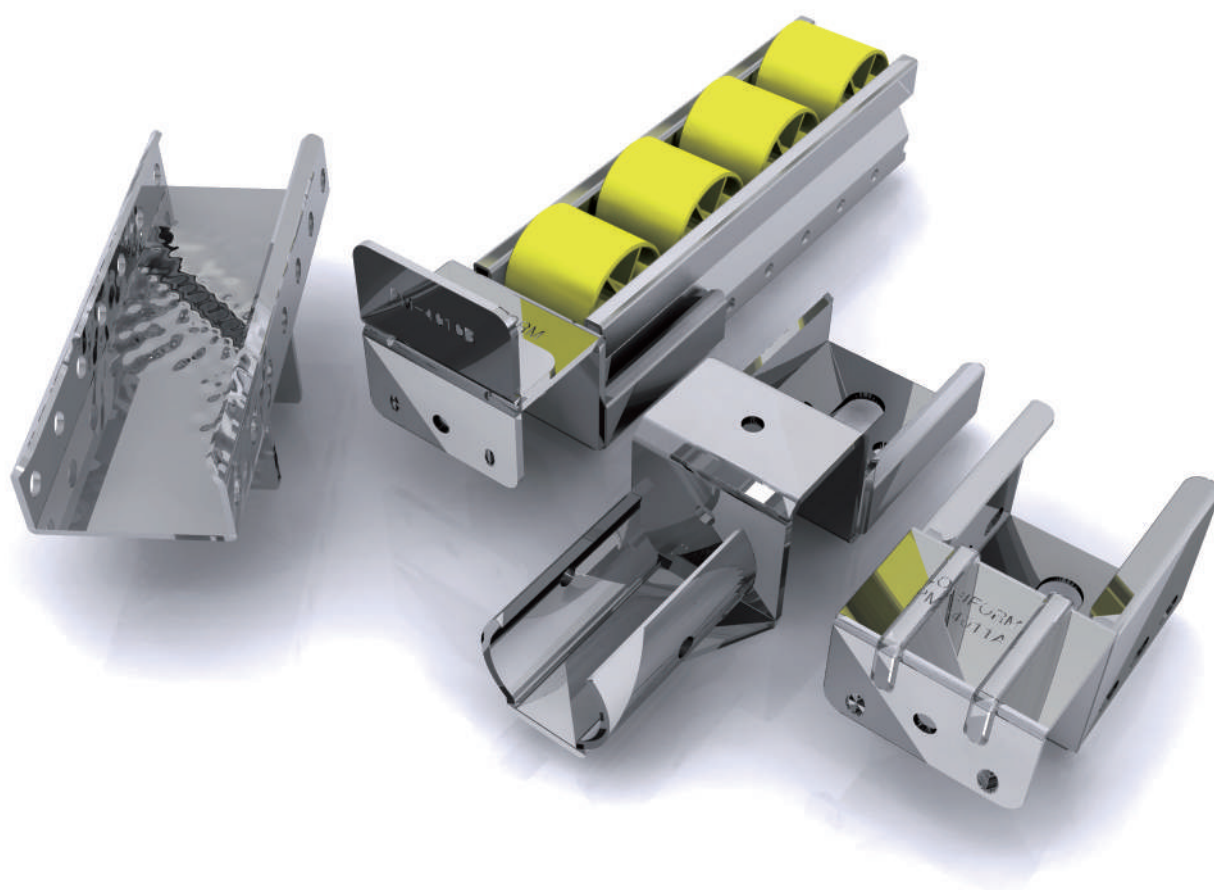
#### PL-7314RS

(PL-731F\_TS)



## RULLIERE SUPPORTI E ACCESSORI

SUPPORTI PER RULLIERE E PROFILO SLIDE



- 1 Serie 40
- 2 Serie 73



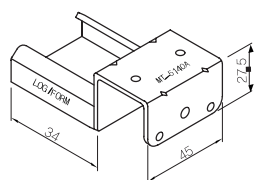
## RULLIERE SUPPORTI E ACCESSORI

### SUPPORTI PER RULLIERE SERIE 40 (ACCIAIO)

#### PM-4010A



#### PLACON MOUNT-A

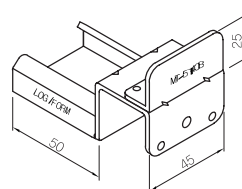


•80pcs/box •130g/pc

#### PM-4010B



#### PLACON MOUNT-B

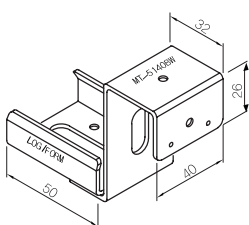


•60pcs/box •154g/pc

#### PM-4010BW



#### PLACON MOUNT-BW

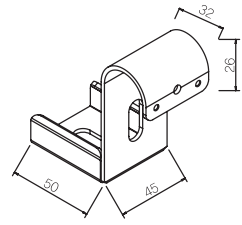


•70pcs/box •150g/pc

#### PM-4010BR



#### PLACON MOUNT-BR

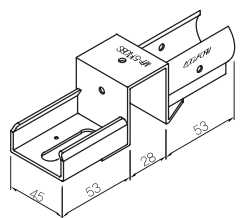


•70pcs/box •154g/pc

#### PM-4010BS



#### PLACON MOUNT-BS

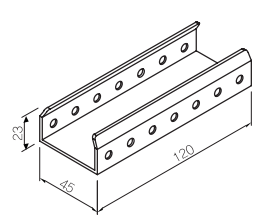


•30pcs/box •228g/pc

#### PM-4010C



#### PLACON MOUNT-C

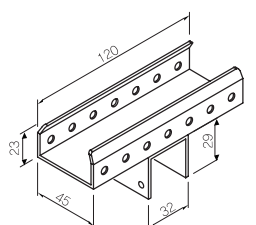


•100pcs/box •120g/pc

#### PM-4010D



#### PLACON MOUNT-D

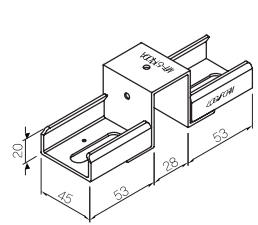


•40pcs/box •174g/pc

#### PM-4010DA

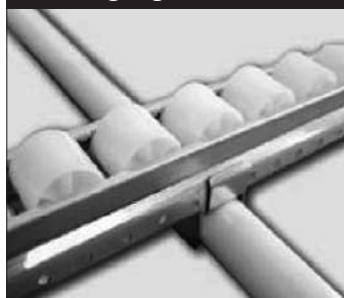


#### PLACON MOUNT-DA

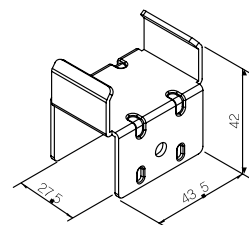


•30pcs/box •228g/pc

#### PM-4010E



#### PLACON MOUNT-E

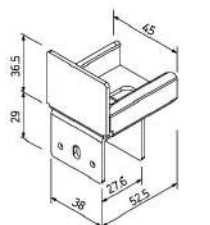


•180pcs/box •46g/pc

#### PM-4010X



#### PLACON MOUNT-X



•80pcs/box •150g/pc

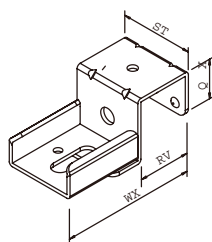
## RULLIERE SUPPORTI E ACCESSORI

### SUPPORTI PER RULLIERE SERIE 40 (ACCIAIO)

**PM-4012A**



**PLACON MOUNT-32**

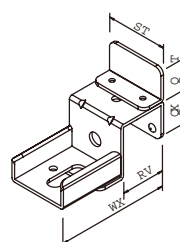


•60pcs/box •130g/pc

**PM-4012B**



**PLACON MOUNT-32B**

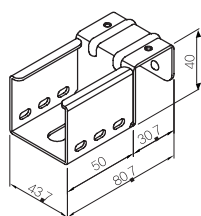


•40pcs/box •150g/pc

**PM-4011A**



**PLACON MOUNT-A**

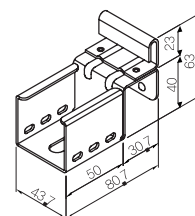


•70pcs/box •120g/pc

**PM-4011B**



**PLACON MOUNT-B**

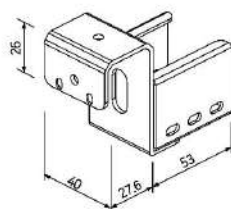


•50pcs/box •150g/pc

**PM-4011BW**



**PLACON MOUNT-BW**

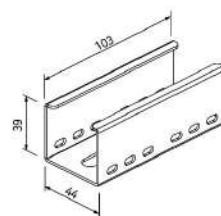


•60pcs/box •170g/pc

**PM-4011C**



**PLACON MOUNT-C**

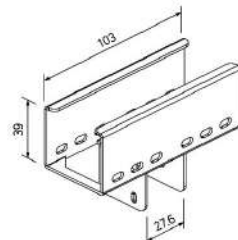


•70pcs/box •15g/pc

**PM-4011D**



**PLACON MOUNT-D**

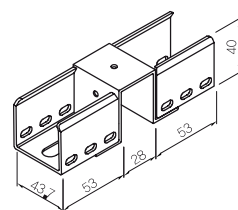


•40pcs/box •163g/pc

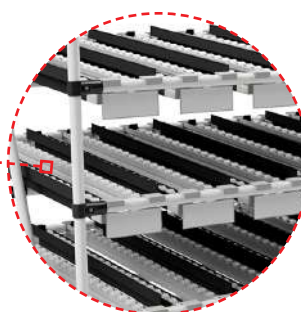
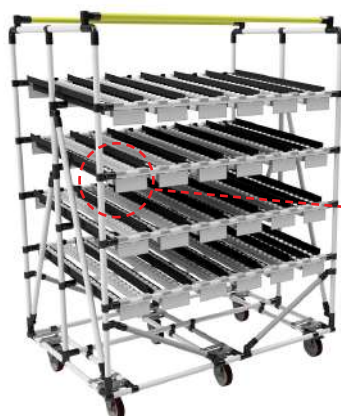
**PM-4011DA**



**PLACON MOUNT-DA**



•30pcs/box •240g/pc



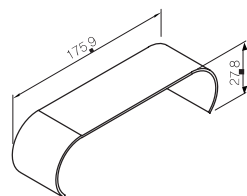
## RULLIERE SUPPORTI E ACCESSORI

### FRENO CENTRALE

#### MS-4018SV



#### 40" MIDDLE STOPPER

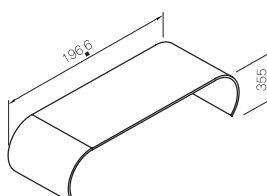


• 300pcs/box • 50g/pc

#### MS-7318SV



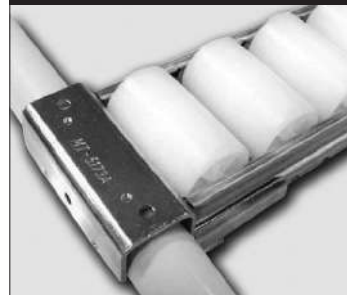
#### 73" MIDDLE STOPPER



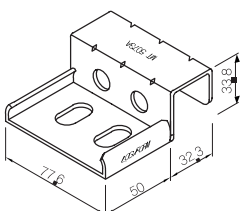
• 100pcs/box • 126g/pc

### SUPPORTI PER RULLIERE SERIE 73 (ACCIAIO)

#### PM-7310A

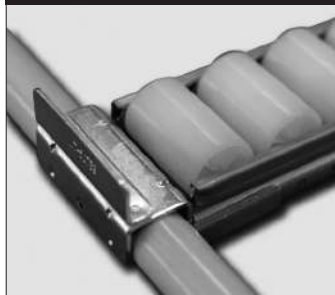


#### PLACON MOUNT-A

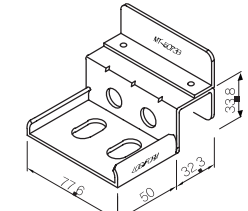


• 40pcs/box • 204g/pc

#### PM-7310B



#### PLACON MOUNT-B

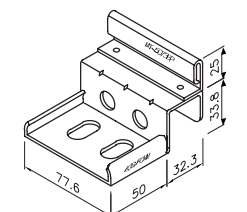


• 30pcs/box • 240g/pc

#### PM-7310BP

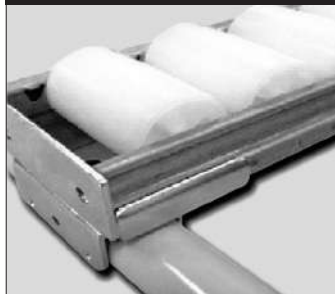


#### PLACON MOUNT-BP

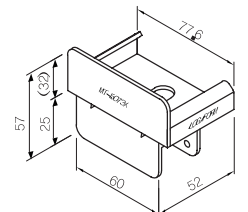


• 30pcs/box • 240g/pc

#### PM-7310X



#### PLACON MOUNT-X

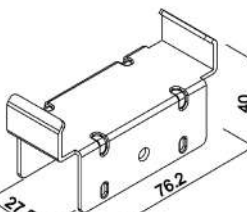


• 50pcs/box • 202g/pc

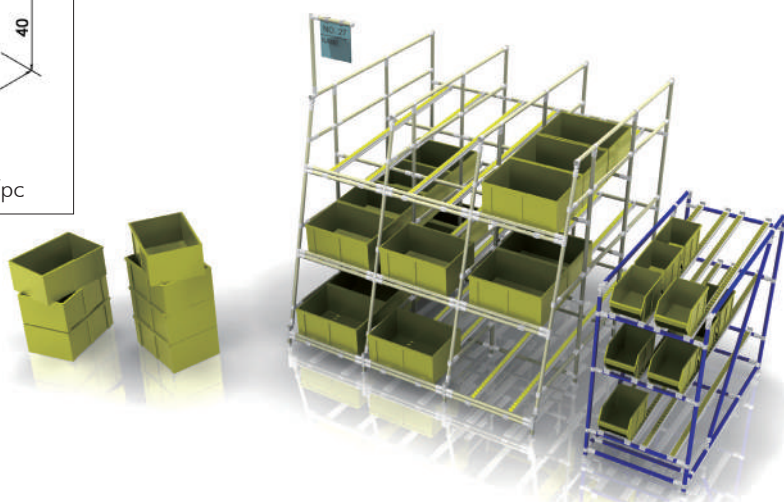
#### PM-7310E



#### PLACON MOUNT-E



• 100pcs/box • 69g/pc





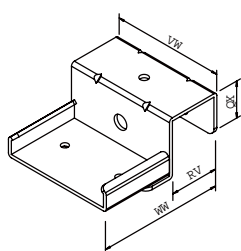
## RULLIERE SUPPORTI E ACCESSORI

### SUPPORTI PER RULLIERE SERIE 73 (ACCIAIO)

#### PM-7312A



#### PLACON MOUNT-E

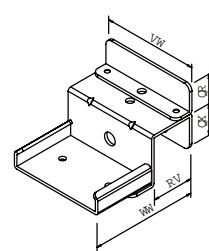


•---pcs/box •256g/pc

#### PM-7312B



#### PLACON MOUNT-E

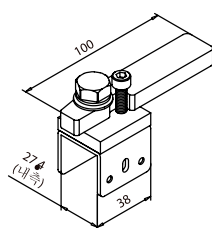


•---pcs/box •300g/pc

#### MT-5320



#### BOX STOPPER

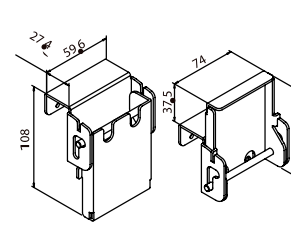


•---pcs/box •264g/pc

#### MT-5321



#### BOX STOPPER



•---pcs/box •355g/pc

### SFERE PORTANTI E PNEUMATICHE

#### UT-PAD



#### PNEUMATIC BLOCKING

Cilindro Ø 39,7mm  
Cilindro h.31,9mm  
Flangia Ø 47,0mm  
Corsa sfera 9,5mm  
Pressione utilizzo 3,4bar  
Portata (Dinamica) 9,5Kg  
Pad (Mat.Poliuretano) Ø 21,8mm

•su richiesta •49g/pc

#### UT-PNE



#### UT-PNE PNEUMATIC BALL

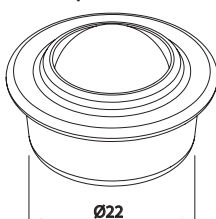
Cilindro Ø 39,7mm  
Cilindro h.31,9mm  
Flangia Ø 47,0mm  
Corsa sfera 9,5mm  
Pressione utilizzo 3,4bar  
Portata (Dinamica) 13Kg  
Sfera Ø 25,4mm

•su richiesta •165g/pc

#### UT-SFE



#### BEARING BALL Sfera per UT-SUP



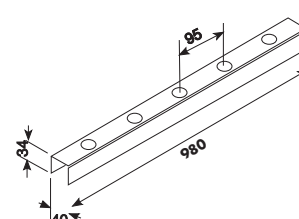
•50pcs/box •40g/pc

#### UT-SUP



Sfere escluse

#### BALLS SUPPORT Altre misure su richiesta

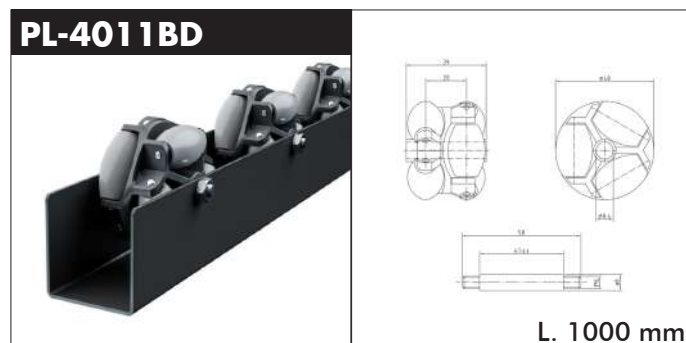


•5pcs/box •500g/pc



## RULLIERE SUPPORTI E ACCESSORI

### RULLIERE MULTIDIREZIONALI

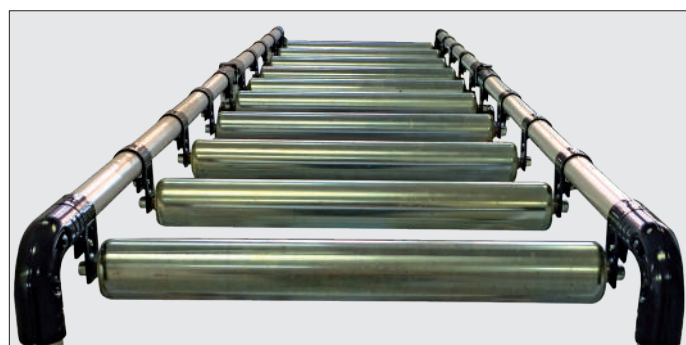


Altre misure su richiesta



### RULLI DINAMICI

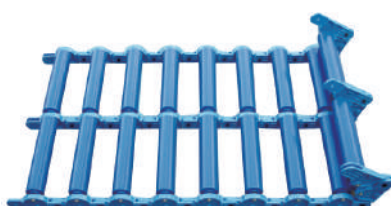
Ampia gamma di rulli su richiesta



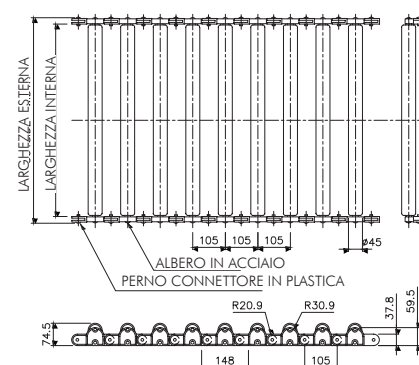
### MAT CONVEYORS



MC-8001

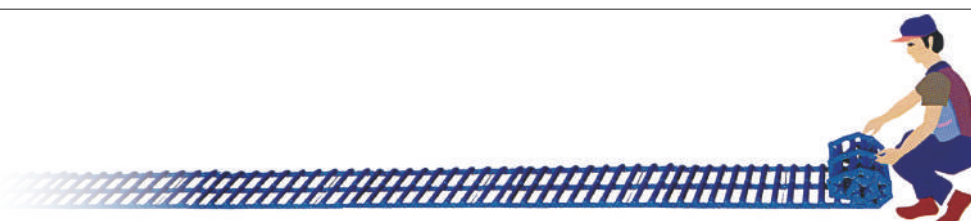


MC-8002



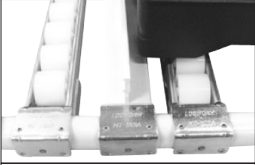
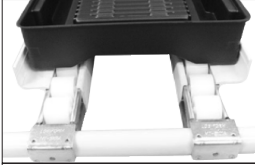
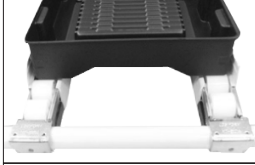
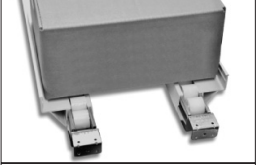
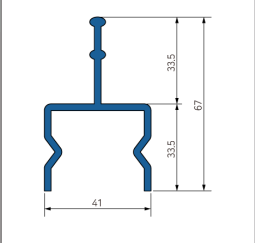
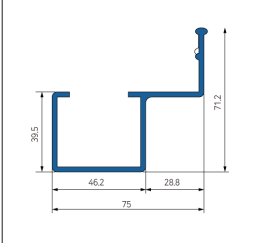
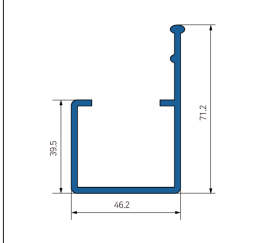
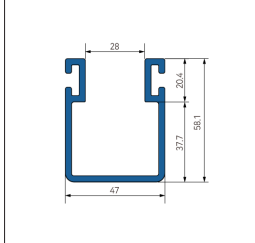
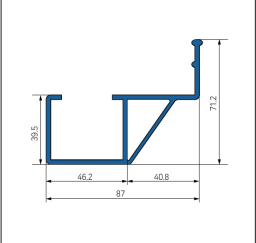
| CODICE<br>PRODOTTO | CARICO<br>(kg/m) | LARGHEZZA (mm)<br>INTERNA | LARGHEZZA (mm)<br>ESTERNA | ALTEZZA<br>(mm) | INTERASSE<br>(mm) | PESO<br>(kg/m) |
|--------------------|------------------|---------------------------|---------------------------|-----------------|-------------------|----------------|
| MC-8001 (singolo)  | 200              | 455                       | 497                       | 75105           | 5,4               |                |
| MC-8002 (doppio)   | 400              | 455                       | 497                       | 75105           | 6,8               |                |

- Rulli in resina ABS;
- Altamente durevole;
- Leggeri;
- Salvaspazio ed economici;
- Personalizzabili.

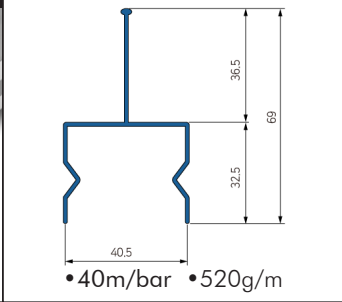
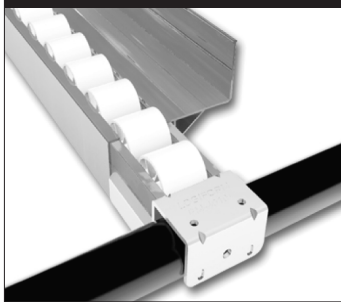
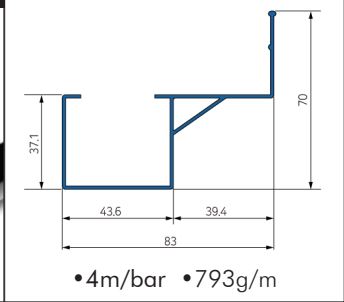
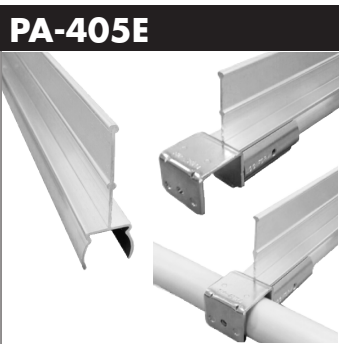
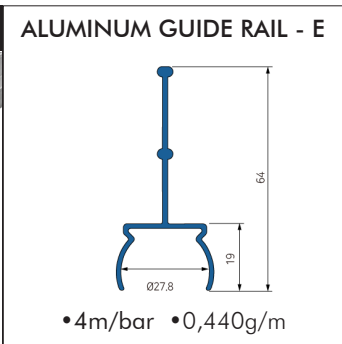


RULLIERE SUPPORTI E ACCESSORI

GUIDE PER RULLIERA

|                                                                                   |                                                                                    |                                                                                    |                                                                                     |                                                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>PA-401A</b>                                                                    | <b>PA-402B</b>                                                                     | <b>PA-403C</b>                                                                     | <b>PA-404D</b>                                                                      | <b>PA-412B</b>                                                                       |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
|  |  |  |  |  |
| GUIDA TIPO A                                                                      | GUIDA TIPO B                                                                       | GUIDA TIPO C                                                                       | GUIDA TIPO D                                                                        | GUIDA TIPO E                                                                         |
| 619g/m                                                                            | 740g/m                                                                             | 640g/m                                                                             | 824g/m                                                                              | 906g/m                                                                               |
| 3M (Standard)                                                                     |                                                                                    |                                                                                    |                                                                                     |                                                                                      |
| Plastica                                                                          |                                                                                    |                                                                                    |                                                                                     |                                                                                      |

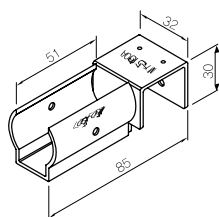
GUIDE PER RULLIERA IN ALLUMINIO

|                                                                                    |                                                                                                              |                                                                                      |                                                                                                              |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>PA-405A</b>                                                                     | <b>ALUMINUM GUIDE RAIL - A</b>                                                                               | <b>PA-415B</b>                                                                       | <b>ALUMINUM GUIDE RAIL - B</b>                                                                               |
|  |  <p>•40m/bar •520g/m</p>  |  |  <p>•4m/bar •793g/m</p> |
| <b>PA-405E</b>                                                                     | <b>ALUMINUM GUIDE RAIL - E</b>                                                                               |                                                                                      |                                                                                                              |
|  |  <p>•4m/bar •0,440g/m</p> |                                                                                      |                                                                                                              |





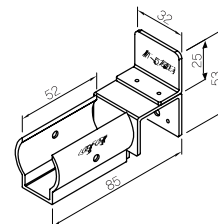
## SLIDE MOUNT-A



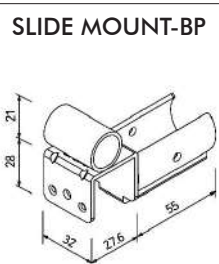
•100pcs/box •114g/pcs



## SLIDE MOUNT-B



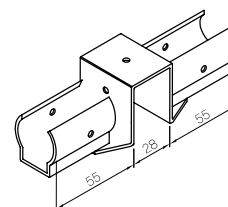
•80pcs/box •132g/pcs

**SM-2810BP**

•80pcs/box •155g/pcs

**SM-2810C**

SLIDE MOUNT-C

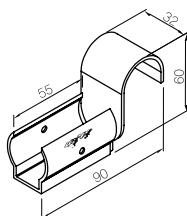


•30pcs/box •156g/pcs



# SM-2810D

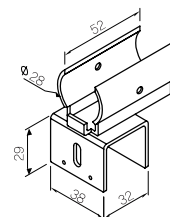
SLIDE MOUNT-D



•80pcs/box •128g/pcs

**SM-2810G**

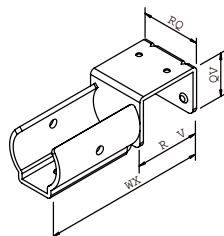
SLIDE MOUNT-G



•90pcs/box •128g/pcs

**SM-2812A**

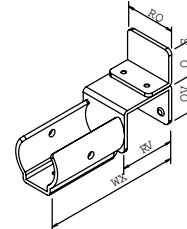
SLIDE MOUNT-32



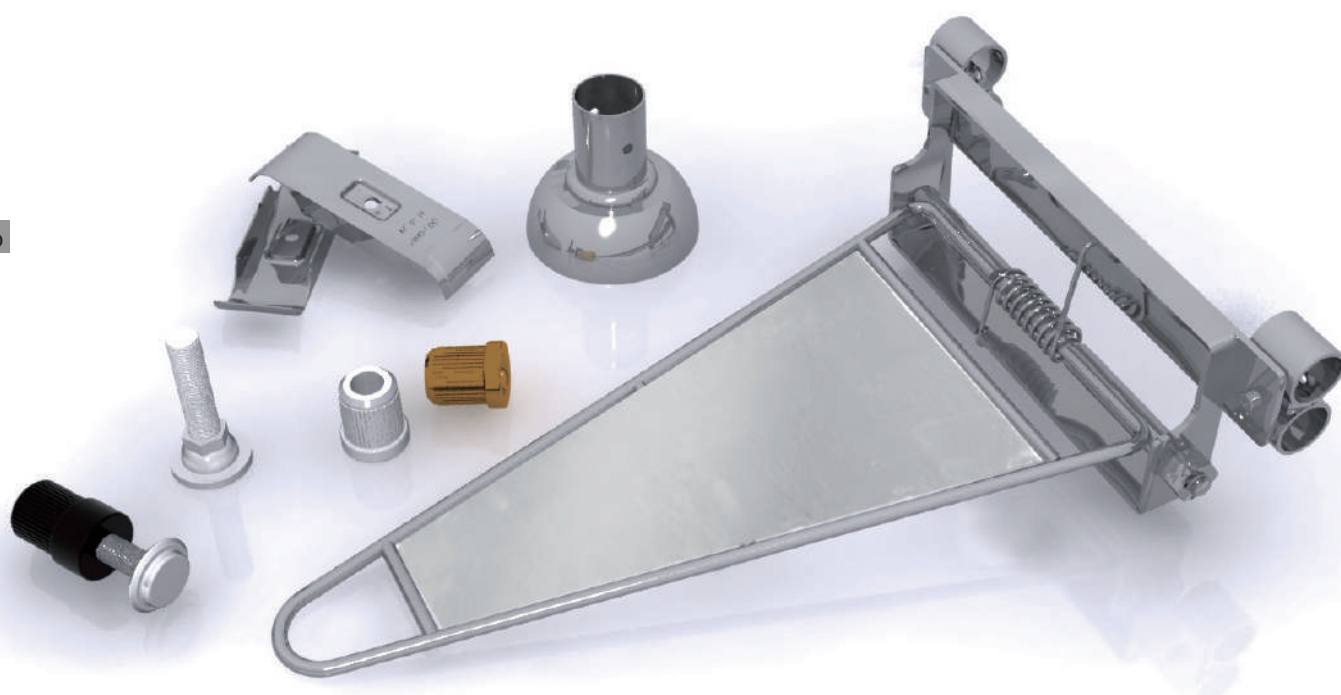
• 100pcs/box • 114g/pcs

**SM-2812B**

SLIDE MOUNT-32B



•80pcs/box •132g/pcs

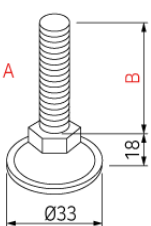
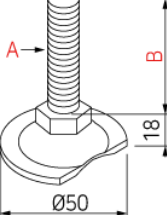


- 1 Accessori
- 2 Fasteners e Tools
- 3 Portaetichette
- 4 Profili angolari
- 5 Guide scorrevoli e Molle a gas
- 6 Piani
- 7 Coperture e rivestimenti adesivi

# ACCESSORI

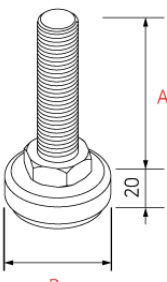
## PIEDINI

### PIEDINO METALLICO

|                                                                                   |                                                                                   | Codice                       | A<br>Misure - Filettatura<br>Inch,mm | B<br>(mm) | Ø<br>(mm) | g/pc | Q.tà/<br>box |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|-----------|-----------|------|--------------|
|  |  | AD-3012ISM<br>OLD: AD-3012S  | 1/2"                                 | 50        | 33        | 80   | 150          |
|  |  | AD-5012ISM<br>OLD: AD-5012L  | 1/2"                                 | 50        | 50        | 95   | 150          |
|                                                                                   |                                                                                   | AD-5012ISX<br>OLD: AD-5012XL | 1/2"                                 | 150       | 50        | 150  | 50           |

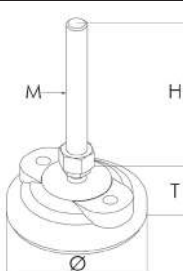
Materiale: Acciaio (SPHC)

### PIEDINO METALLICO METRICO (BASE IN GOMMA)

|                                                                                    |                                                                                    | Codice                          | Misure -<br>Filettatura<br>Inch,mm | A<br>(mm) | BØ<br>(mm) | g/pcs | Q.tà/<br>box |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|------------------------------------|-----------|------------|-------|--------------|
|  |  | AD-3010MRM<br>OLD: AM-3050SSM10 | M10                                | 50        | 32         | 70    | 150          |
|                                                                                    |                                                                                    | AD-5010MRM<br>OLD: AM-5050SLM10 | M10                                | 50        | 50         | 94    | 120          |
|                                                                                    |                                                                                    | AD-5012MRME                     | M12                                | 50        | 50         | 106   | 120          |

Materiale: Acciaio (SPHC) + PE- Piedini ESD

### PIEDINO PVC TASSELLABILE

|                                                                                     |                                                                                     | Codice    | M<br>Misure -<br>Filettatura<br>Inch,mm | H<br>(mm) | T<br>(mm)  | Ø<br>(mm) | g/pcs |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------------------------------------|-----------|------------|-----------|-------|
|  |  | UT-8093SL | M12                                     | 93<br>mm  | 17,3<br>mm | 80<br>mm  | 40    |

Materiale: Acciaio (SPHC) + PE

**AD - 30 12 M R X**

**AD** - ADJUSTER

**30** - Ø BASE

**12** - FILETTATURA  
1/2": 12  
M10: 10  
M12: 10

**M** - UNITA' DI MISURA  
FILETTATURA  
Pollici (Inch): I  
mm: M

**R** - TIPO DI BASE  
STEEL: S  
PLASTIC: P  
RUBBER: R

**X** - LUNGHEZZA  
30mm: S  
50mm: M  
100mm: L  
150mm: X



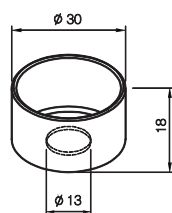
## ACCESSORI

### PIEDINI

#### CN-3010MS



#### STEEL CAP NUT

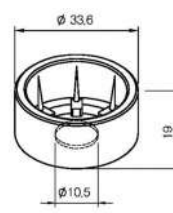


•400pcs/box •24g/pcs

#### CN-3010MP



#### PLASTIC CAP NUT

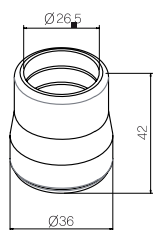


•300pcs/box •14g/pcs

#### AC-3829RB



#### RUBBER FOOT

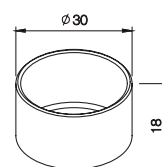


•500pcs/box •26g/pcs

#### SC-3028SV

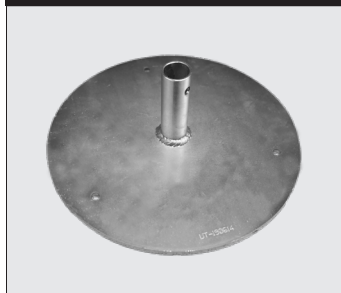


#### STEEL CAP

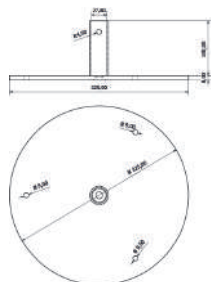


•400pcs/box •22g/pcs

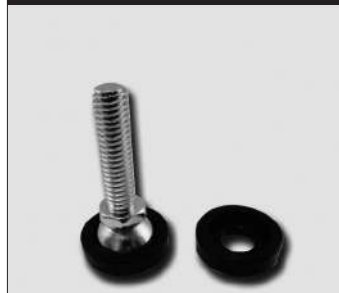
#### UT-PNT01



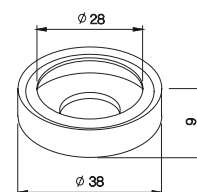
#### ROUND STEEL BASE



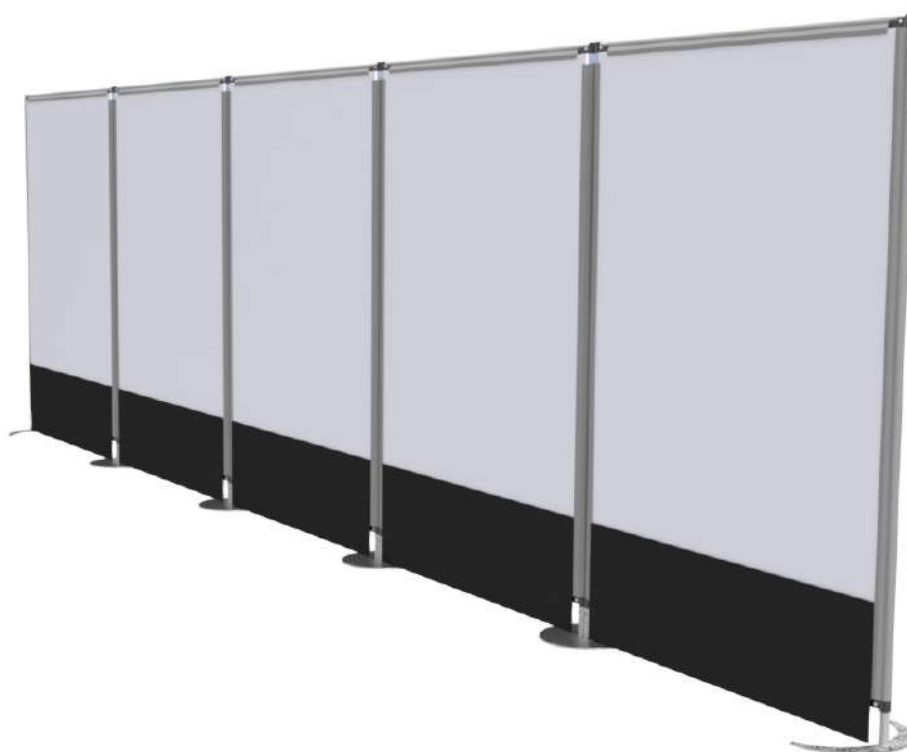
#### AC-3828RB



#### ADJUSTER RUBBER CAP



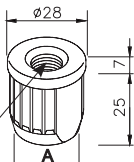
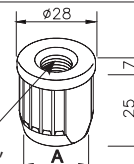
•400pcs/box •8g/pcs



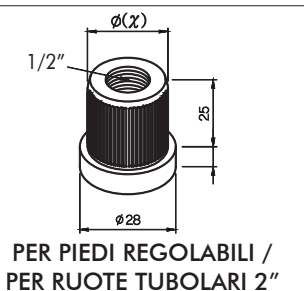
## ACCESSORI

### INSERTI PER TUBO



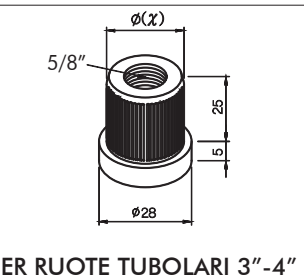
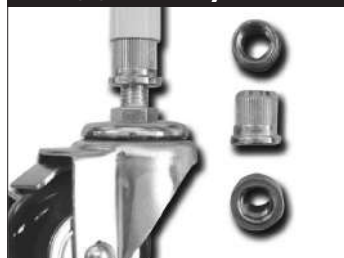
| MISURE                                                                            | CODICE ARTICOLO  | P.ZZ/ BOX | PESO | A      | SPESSORE TUBO | PROFILO MODELLO   |         |
|-----------------------------------------------------------------------------------|------------------|-----------|------|--------|---------------|-------------------|---------|
|  | <b>IN-1210LA</b> | 300       | 22g  | ø20,3t | 1,0           | PER TUBO STANDARD | LP-1100 |
|                                                                                   | <b>IN-1220LA</b> |           | 18g  | ø18,2t | 2,0           |                   | LP-1200 |
|                                                                                   | <b>IN-1211SA</b> |           | 22g  | ø22,2t | 1,1           | PER TUBO INOX     | ST-1110 |
|  | <b>IN-5810LA</b> | 300       | 20g  | ø20,3t | 1,0           | PER TUBO STANDARD | LP-1100 |
|                                                                                   | <b>IN-5820LA</b> |           | 16g  | ø18,2t | 2,0           |                   | LP-1200 |
|                                                                                   | <b>IN-5811SA</b> |           | 20g  | ø22,2t | 1,1           | PER TUBO INOX     | ST-1110 |

#### BOCCOLA 1/2"



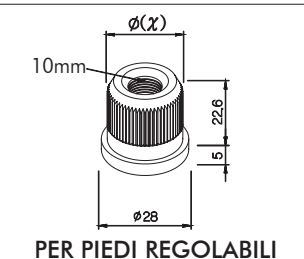
| CODICE          | PZZ/<br>BOX | PESO | Ø(%) | SPESSORE<br>TUBO(mm) | PROFILO<br>MODELLO                  |         |
|-----------------|-------------|------|------|----------------------|-------------------------------------|---------|
| <b>IN-1210L</b> | 300         | 88g  | 23,6 | 1,0                  | PER TUBO<br>STANDARD<br>E ALLUMINIO | LP-1100 |
| <b>IN-1220L</b> |             | 60g  | 21,6 | 2,0                  |                                     | AL-1150 |
| <b>IN-1211S</b> |             | 85g  | 25,6 | 1,1                  | PER TUBO<br>INOX                    | LP-1200 |
|                 |             |      |      |                      |                                     | ST-1110 |

#### BOCCOLA 5/8"



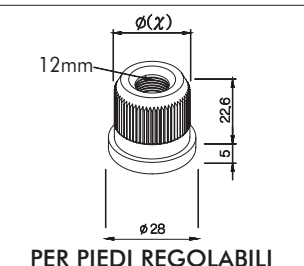
| CODICE          | PZZ/<br>BOX | PESO | Ø(%) | SPESSORE<br>TUBO(mm) | PROFILO<br>MODELLO                  |         |
|-----------------|-------------|------|------|----------------------|-------------------------------------|---------|
| <b>IN-5810L</b> | 300         | 69g  | 23,6 | 1,0                  | PER TUBO<br>STANDARD<br>E ALLUMINIO | LP-1100 |
| <b>IN-5820L</b> |             | 62g  | 21,6 | 2,0                  |                                     | AL-1150 |
| <b>IN-5811S</b> |             | 72g  | 25,6 | 1,1                  | PER TUBO<br>INOX                    | LP-1200 |

#### BOCCOLA M10



| CODICE           | PZZ/<br>BOX | PESO | Ø(%) | SPESSORE<br>TUBO(mm) | PROFILO<br>MODELLO                  |         |
|------------------|-------------|------|------|----------------------|-------------------------------------|---------|
| <b>IN-1010LM</b> | 300         | 82g  | 23,6 | 1,0                  | PER TUBO<br>STANDARD<br>E ALLUMINIO | LP-1100 |
| <b>IN-1020LM</b> |             | 70g  | 21,6 | 2,0                  |                                     | AL-1150 |
| <b>IN-1011SM</b> |             | 94g  | 25,6 | 1,1                  | PER TUBO<br>INOX                    | LP-1200 |

#### BOCCOLA M12



| CODICE           | PZZ/<br>BOX | PESO | Ø(%) | SPESSORE<br>TUBO(mm) | PROFILO<br>MODELLO                  |         |
|------------------|-------------|------|------|----------------------|-------------------------------------|---------|
| <b>IN-1210LM</b> | 300         | 72g  | 23,6 | 1,0                  | PER TUBO<br>STANDARD<br>E ALLUMINIO | LP-1100 |
| <b>IN-1220LM</b> |             | 62g  | 21,6 | 2,0                  |                                     | AL-1150 |
| <b>IN-1211SM</b> |             | 76g  | 25,6 | 1,1                  | PER TUBO<br>INOX                    | LP-1200 |
|                  |             |      |      |                      |                                     | ST-1110 |

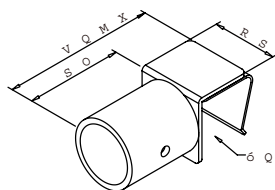
## ACCESSORI

### CONNETTORI PER TUBI

#### MT-5301



#### LOOK MOUNT - B

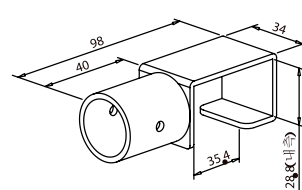


• --- pcs/box • 140g/pcs

#### MT-5302



#### LOOK MOUNT - C

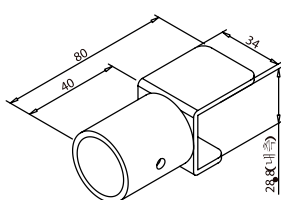


• 70 pcs/box • 124g/pcs

#### MT-5303



#### LOOK MOUNT - D

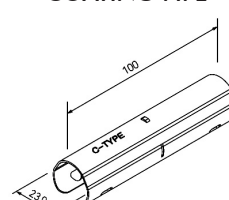


• 90 pcs/box • 94g/pcs

#### MT-5123C



#### PIPE CONNECTOR COATING PIPE

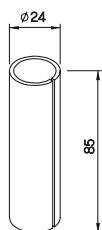


• 150 pcs/box • 36,4g/pcs

#### MT-5123



#### PIPE CONNECTOR

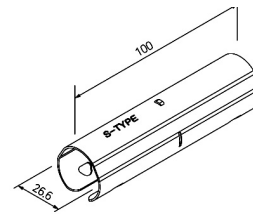


• 150 pcs/box • 74g/pcs

#### MT-5123S



#### PIPE CONNECTOR STAINLESS PIPE

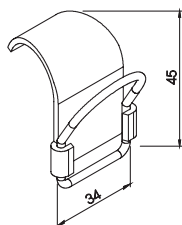


• 150 pcs/box • 45,1g/pcs

#### MT-5125



#### BAND HANGER

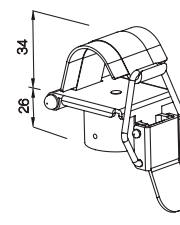


• 150 pcs/box • 48g/pcs

#### MT-5126

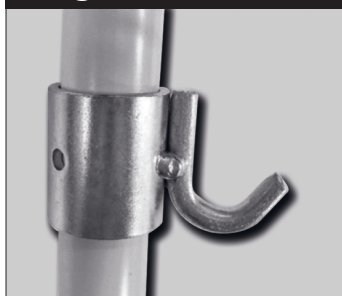


#### LOCK MOUNT

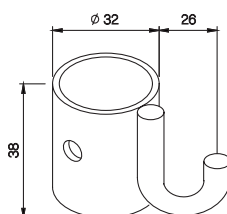


• 200 pcs/box • 120g/pcs

#### MT-5127

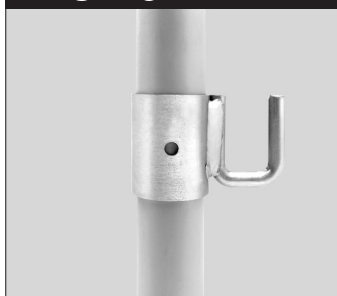


#### HANGER U-TYPE

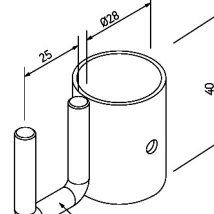


• 100 pcs/box • 70g/pcs

#### MT-5228



#### HANGER HOOK



• 100 pcs/box • 70g/pcs



## ACCESSORI

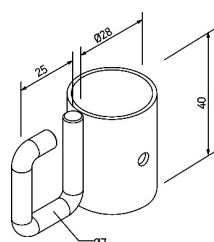
### CONNETTORI PER TUBI

#### MT-5229

NEW



#### HANGER HOOK

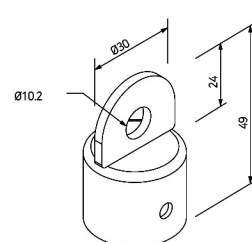


•100pcs/box •70g/pcs

#### MT-5230



#### HANGER LINK CAP

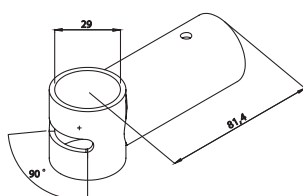


•200pcs/box •36,5g/pcs

#### UT-OM90



#### 90° SWINGING ELEMENT

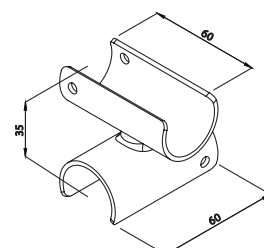


•100pcs/box •70g/pcs

#### UT-15



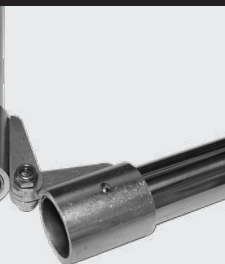
#### OVERLAP ROTATING HOOK



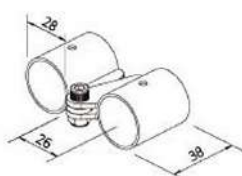
•96pcs/box •128g/pcs

#### MT-5402

NEW



#### PIPE HINGE



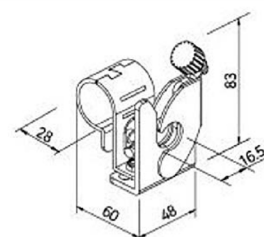
•156g/pcs

#### MT-5403

NEW



#### DOOR LOCKER



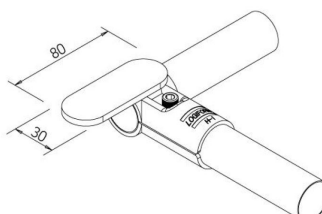
•250g/pcs

#### MT-5404A

NEW



#### DOOR STOP



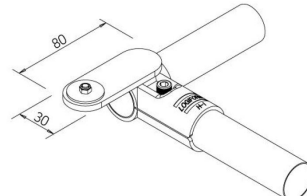
•228g/pcs

#### MT-5404B

NEW



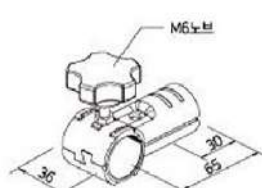
#### DOOR STOP MAGNET



•228g/pcs

#### MT-5410

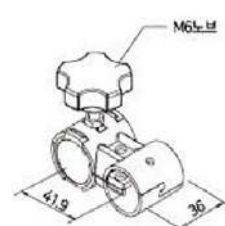
NEW



•180g/SET •102g/pcs

#### MT-5411

NEW



•180g/SET •100g/pcs

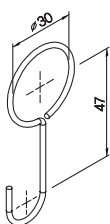
## ACCESSORI

### ACCESSORI PER TUBI E PER FISSAGGIO PANNELLI

#### MT-5120

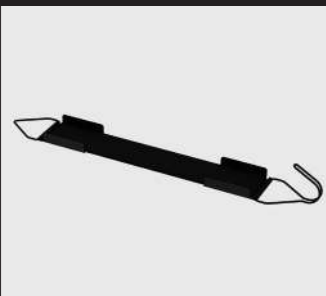


PIPE HANGER

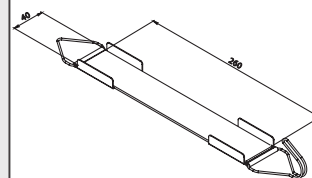


•1000pcs/box •8g/pcs

#### UT-17

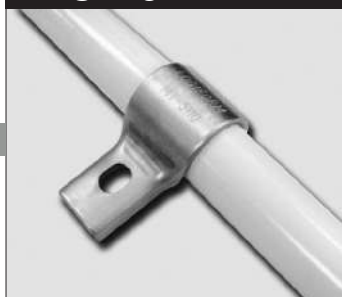


RUBBER BELT

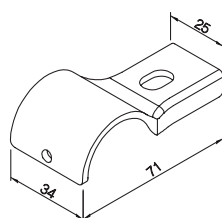


•10pcs/box •80g/pcs

#### MT-5110



PIPE CLAMP - A

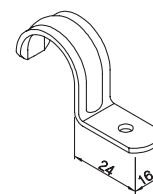


•300pcs/box •66g/pcs

#### MT-5111



PIPE CLAMP - B

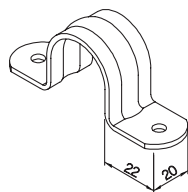


•400pcs/box •20g/pcs

#### MT-5112



PIPE CLAMP - C

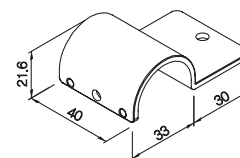


•200pcs/box •26g/pcs

#### MT-5113

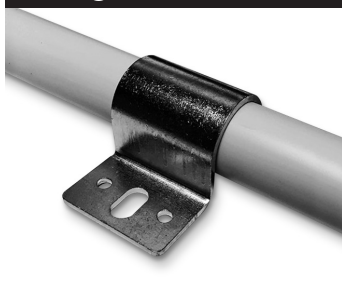


BOARD FIXING - A

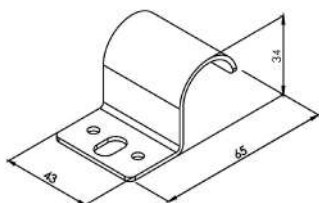


•150pcs/box •62g/pcs

#### UT-23



BOARD FIXING

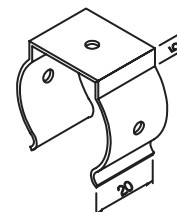


•150pcs/box •62g/pcs

#### MT-5114



BOARD FIXING - B

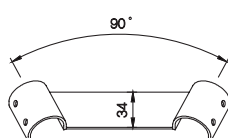


•400pcs/box •14g/pcs

#### MT-5116



BOARD BRACKET - A

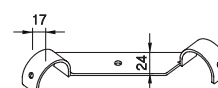


•50pcs/box •20g/pcs

#### MT-5117



BOARD BRACKET - B

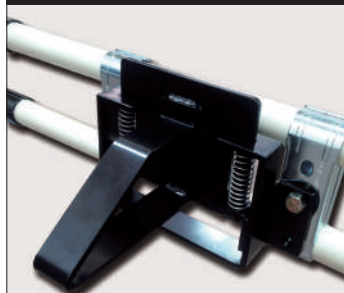


•50pcs/box •72g/pcs

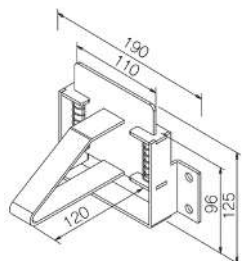
## ACCESSORI

### ACCESSORI KARAKURI

#### MT-5151



#### SHOOTER FLOW RACK

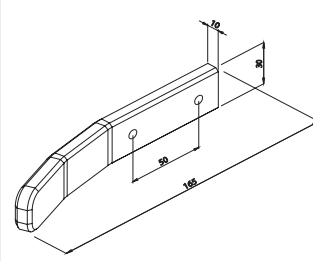


• 1 pcs/box • 1000g/pcs

#### UT -31

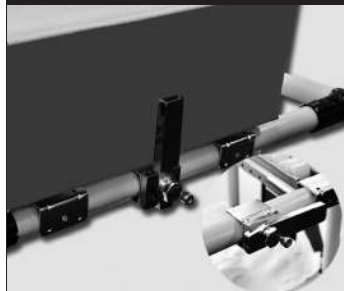


#### DIRECTIONAL CONVEYOR

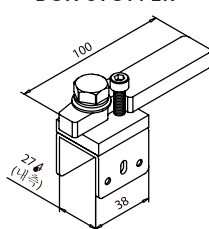


• 1 pcs/box • 350g/pcs

#### MT-5320

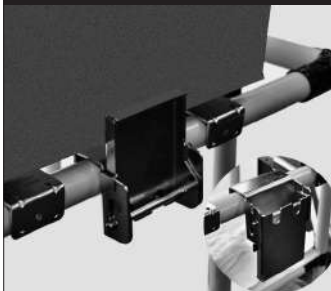


#### BOX STOPPER

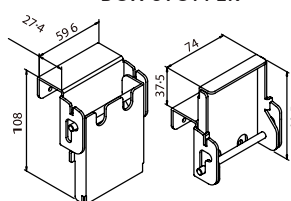


• --- pcs/box • 264g/pcs

#### MT-5321



#### BOX STOPPER



• --- pcs/box • 355g/pcs

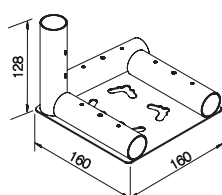


### FISSAGGIO RUOTE

#### MT-5139L



#### CASTER PLATE-L

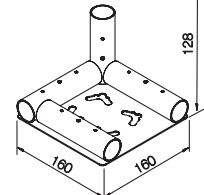


• 12 pcs/box • 1268g/pcs

#### MT-5139R



#### CASTER PLATE-R



• 12 pcs/box • 1268g/pcs



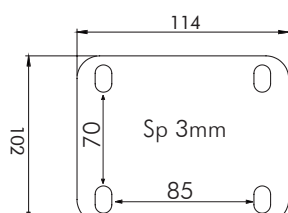
## ACCESSORI

### FISSAGGIO RUOTE

#### UT-16



#### CASTER DISTANCE-PLATE per ruote diam. 125-150

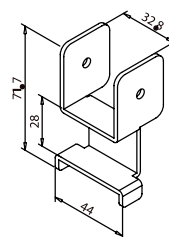


• 1 pcs/box • 200g/pcs

#### MT-5311



#### CASTER HOLDER

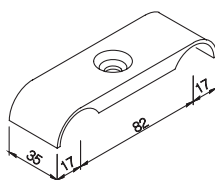


• --- pcs/box • 70g/pcs

#### MT-5109



#### CASTER STRAP

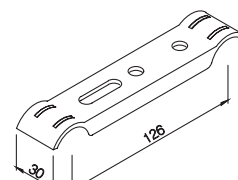


• 150 pcs/box • 102g/pcs

#### MT-5109W



#### CASTER STRAP-W

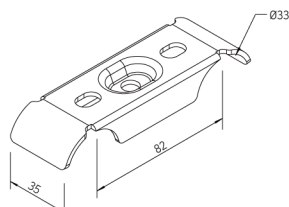


• 120 pcs/box • 120g/pcs

#### MT-5209

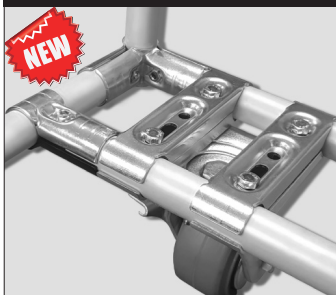


#### CASTER STRAP

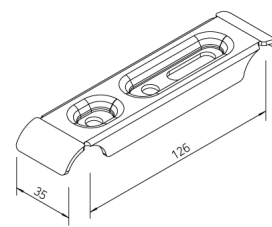


• 120 pcs/box • 100,8g/pcs

#### MT-5109L

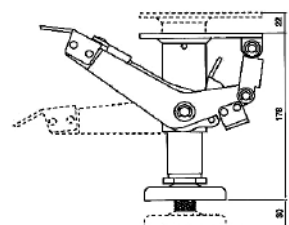


#### CASTER STRAP-L



• 120 pcs/box • 138g/pcs

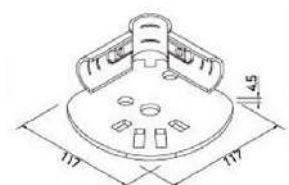
#### MT-5148



• 1 pcs/box • 1137g/pcs

| CODICE    | Ø RUOTA<br>(pollici) | Ø RUOTA<br>(mm) |
|-----------|----------------------|-----------------|
| MT-5148-4 | 4"                   | 100             |
| MT-5148-5 | 5"                   | 125             |
| MT-5148-6 | 6"                   | 150             |

#### MT-5401

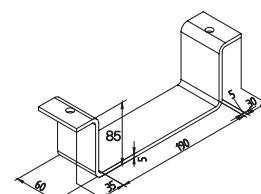


• 30 pcs/box • 498g/pcs

#### MT-5100



#### FORKLIFT HOOK



• 25 pcs/box • 70g/pcs

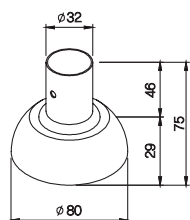
## ACCESSORI

### ACCESSORI STOCCAGGIO STRUTTURE SOVRAPPOSTE

#### MT-5119



OVERLAP CAP

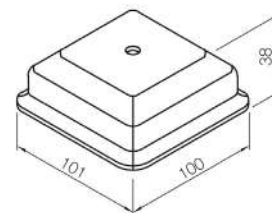


•20pcs/box •225g/pcs

#### MT-5119W



SQUARE CAP

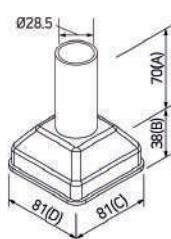


•35pcs/box •330g/pcs

#### MT-5119S

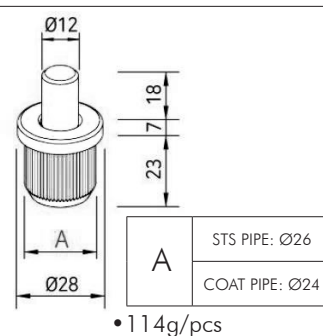


SQUARE CAP



•50pcs/box •400g/pcs

#### MT-5413

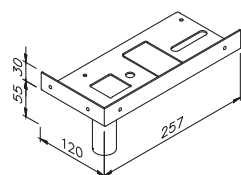


•114g/pcs

#### MT-5138R



CORNER PLATE -R

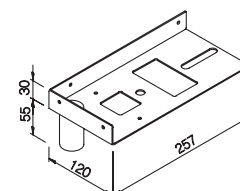


•20pcs/box •988g/pcs

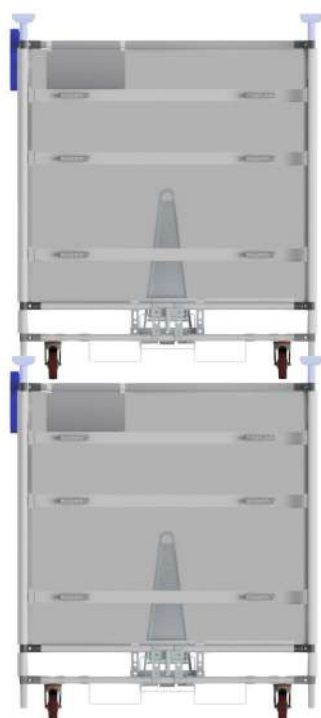
#### MT-5138L



CORNER PLATE -L



•20pcs/box •988g/pcs



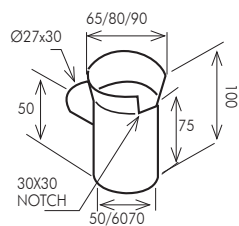
## ACCESSORI

### PORTAUTENSILI

#### UT-34A/B/C



#### TOOL HOLDER Ø65/80/90 ACCIAIO PLASTIFICATO

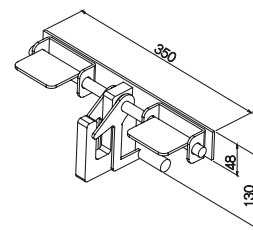


• 1pcs/box • 150g/pcs

#### MT-5145C



#### TRACTION HOOK-C



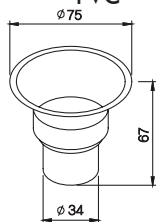
ZINCATO

• 4,000g/pcs

#### MT-5131



#### TOOL HANGER PVC

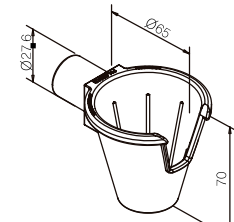


• 180pcs/box • 30g/pcs

#### PH-5001B



#### TOOL HOLDER PVC

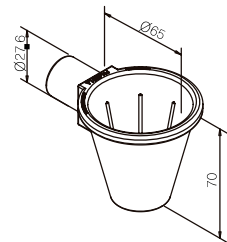


• 50pcs/box • 38g/pcs

#### PH-5001A



#### TOOL HOLDER PVC

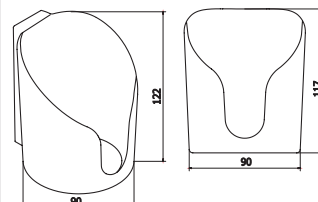


• 50pcs/box • 40g/pcs

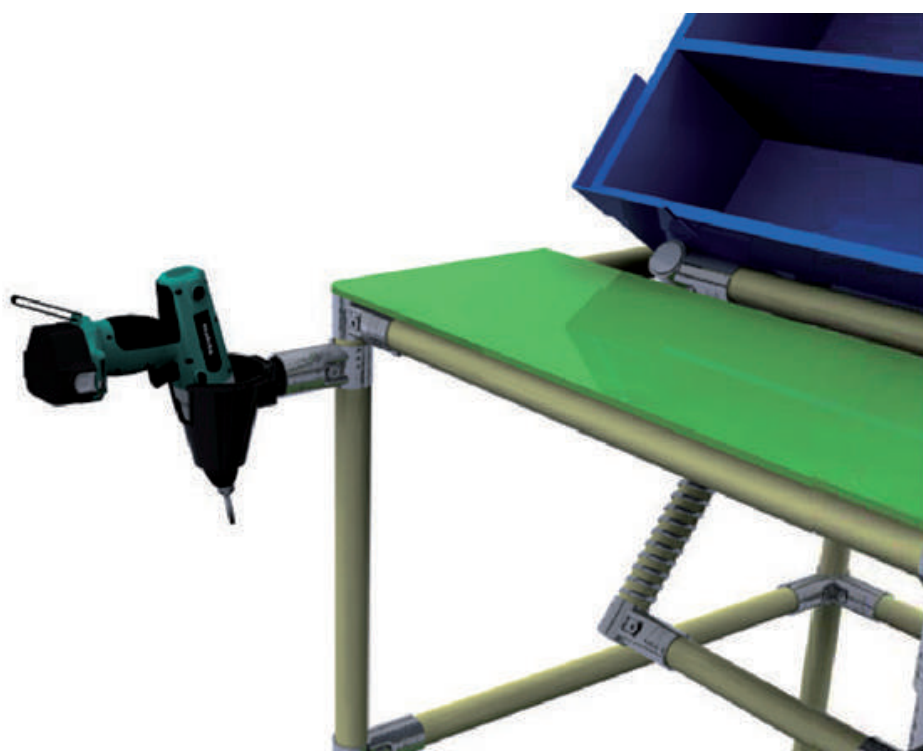
#### UT-PBOT



#### BOTTLE-HOLDER PVC



• 20pcs/box • 232g/pcs





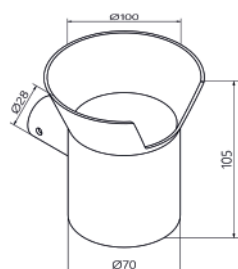
# ACCESSORI

## PORTAUTENSILI

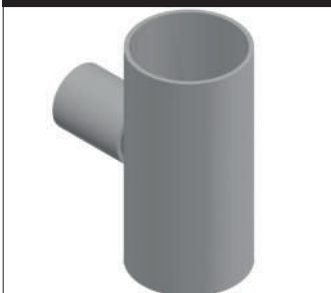
### UT-TH01



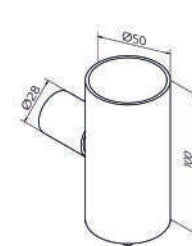
PORTA UTENSILI ZINCATO  
Ø100 FONDO PASSANTE



### UT-TH02



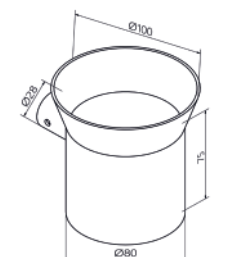
PORTA UTENSILI ZINCATO  
Ø50 FONDO CHIUSO



### UT-TH03



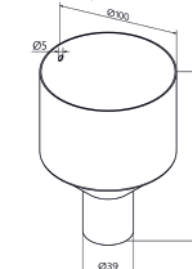
PORTA UTENSILI ZINCATO  
Ø100 FONDO PASSANTE



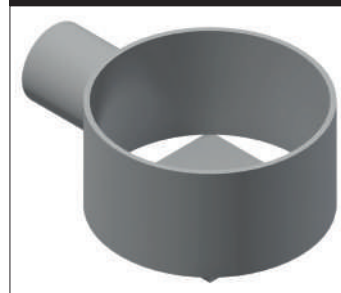
### UT-TH04



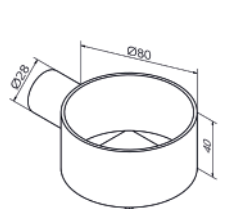
PORTA UTENSILI ACCIAIO  
Ø105



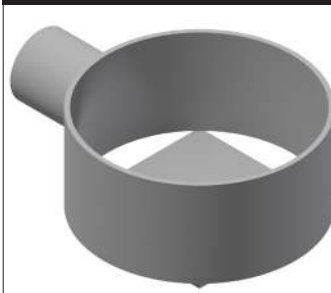
### UT-TH05



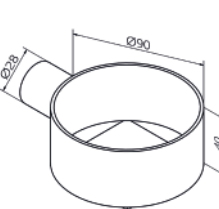
PORTA UTENSILI ZINCATO  
Ø80 FONDO CHIUSO



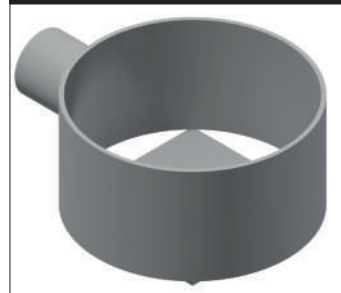
### UT-TH06



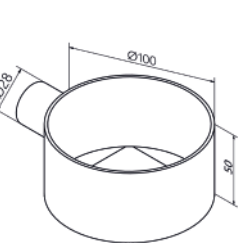
PORTA UTENSILI ZINCATO  
Ø90 FONDO CHIUSO



### UT-TH07



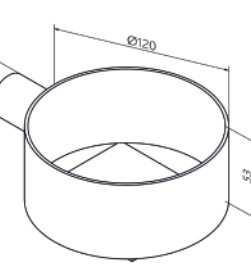
PORTA UTENSILI ZINCATO  
Ø100 FONDO CHIUSO



### UT-TH08



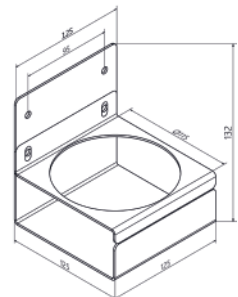
PORTA UTENSILI ZINCATO  
Ø120 FONDO CHIUSO



### UT-TH09



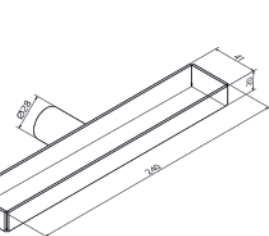
BASE DI APPOGGIO Ø95



### UT-TH10



PORTA UTENSILI ZINCATO  
240X41X20 MM



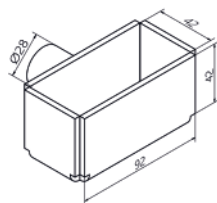
## ACCESSORI

### PORTAUTENSILI

#### UT-TH11



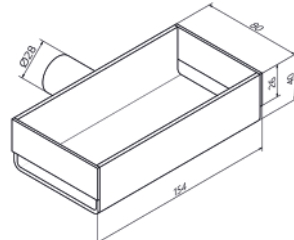
PORTA UTENSILI ZINCATO  
100X50X50MM  
FONDO CHIUSO



#### UT-TH12



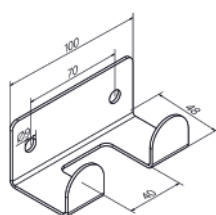
PORTA UTENSILI ZINCATO  
150X80X40MM  
FONDO CHIUSO



#### UT-TH13



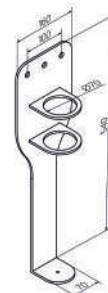
PORTA MARTELLO



#### UT-TH14



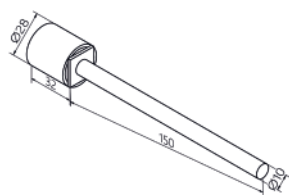
PORTA SILICONE



#### UT-TH15



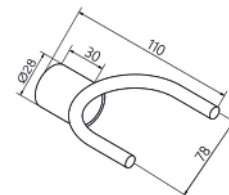
PERNO PORTA UTENSILI  
L. 150MM



#### UT-TH16



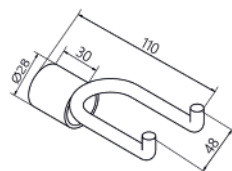
PORTA UTENSILI A U



#### UT-TH17



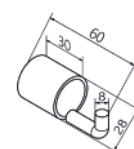
GANCIO PORTA UTENSILI  
DOPPIO L. 110MM



#### UT-TH18



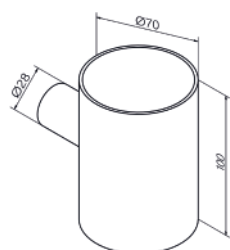
GANCIO PORTA UTENSILI  
L. 30x h. 19 mm



#### UT-TH19



PORTA UTENSILI ZINCATO  
Ø70 FONDO PASSANTE



#### UT-TH20



PORTA UTENSILI ZINCATO  
Ø50



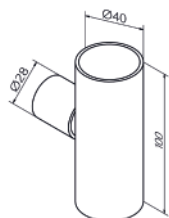
# ACCESSORI

## PORTAUTENSILI

### UT-TH21



PORTA UTENSILI ZINCATO  
Ø40 FONDO PASSANTE



### UT-TH22



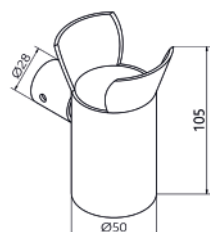
PORTA UTENSILI ZINCATO  
Ø40



### UT-TH23



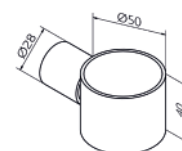
PORTA UTENSILI ZINCATO  
Ø50 FONDO PASSANTE



### UT-TH24



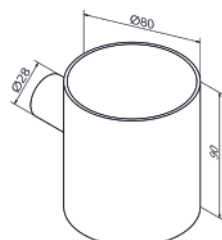
PORTA UTENSILI ZINCATO  
Ø50 FONDO PASSANTE



### UT-TH25



PORTA UTENSILI ZINCATO  
Ø80 FONDO PASSANTE



### UT-TH26



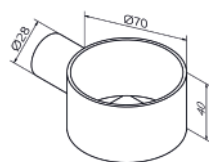
PORTA UTENSILI ZINCATO  
Ø70 FONDO CHIUSO



### UT-TH27



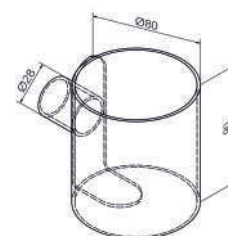
PORTA UTENSILI ZINCATO  
Ø70 FONDO CHIUSO



### UT-TH28



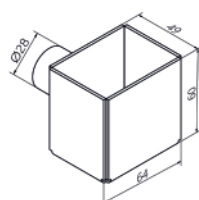
PORTA UTENSILI ZINCATO  
Ø80 FONDO CON  
APPOGGIO



### UT-TH29



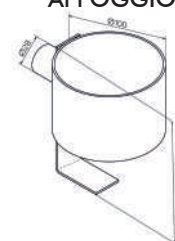
PORTA UTENSILI ZINCATO  
64X49X60MM  
FONDO CHIUSO



### UT-TH30



PORTA UTENSILI ZINCATO  
Ø100 FONDO CON  
APPOGGIO





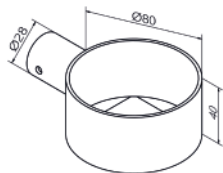
## ACCESSORI

### PORTAUTENSILI

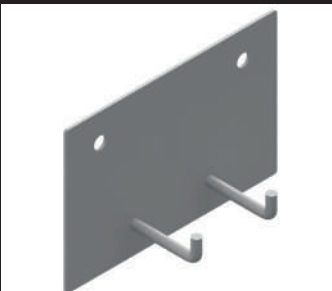
#### UT-TH31



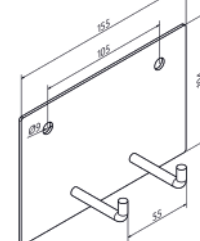
PORTA UTENSILI ZINCATO  
Ø80 FONDO CHIUSO



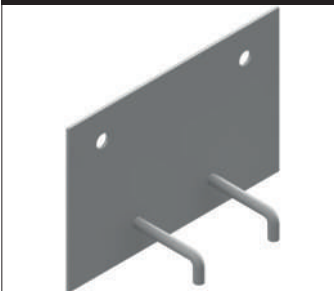
#### UT-TH32



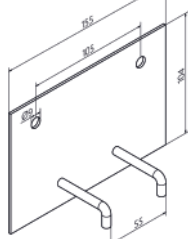
GANCIO PORTA UTENSILI  
155X104MM



#### UT-TH33



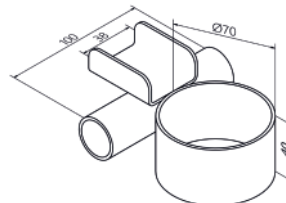
GANCIO PORTA UTENSILI  
155X104MM



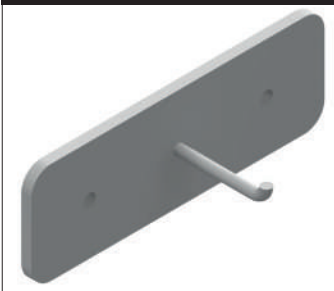
#### UT-TH34



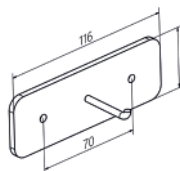
PORTA UTENSILI ZINCATO  
Ø70 CON SUPPORTO  
FONDO PASSANTE



#### UT-TH35



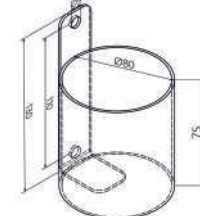
GANCIO PORTA UTENSILI  
116X40MM



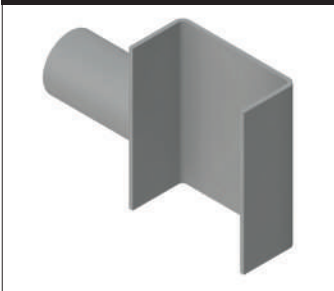
#### UT-TH36



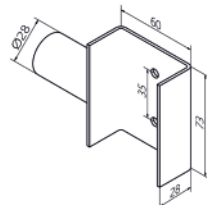
PORTA UTENSILI ZINCATO  
Ø80 FONDO CON  
APPOGGIO



#### UT-TH37



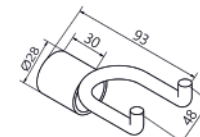
PORTA UTENSILI ZINCATO  
73X60X28MM



#### UT-TH38



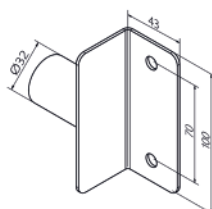
GANCIO PORTA UTENSILI  
DOPPIO L.93MM



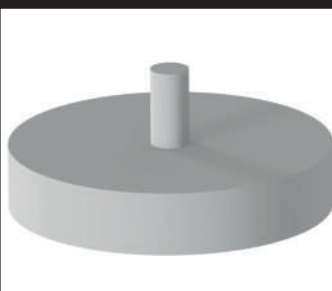
#### UT-TH39



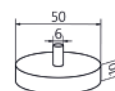
PORTA UTENSILI ZINCATO  
100X43MM



#### UT-TH40

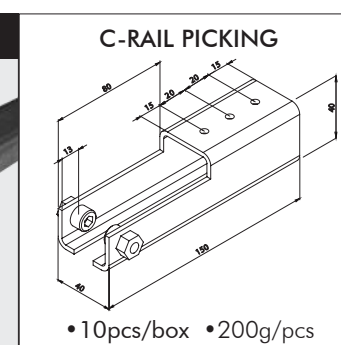
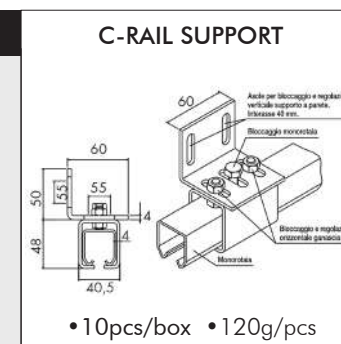
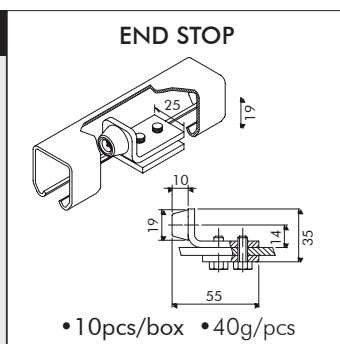
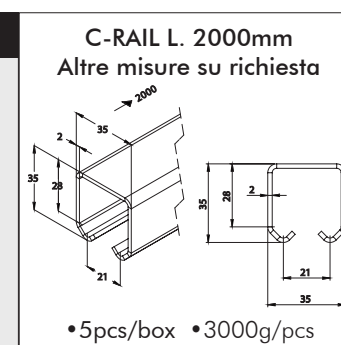
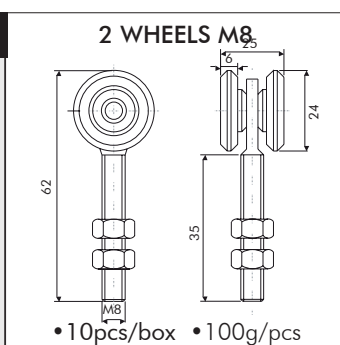
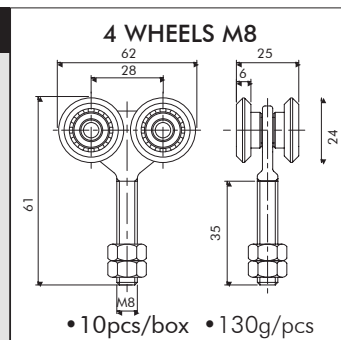
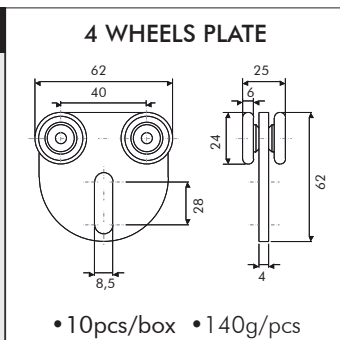


GANCIO PORTA UTENSILI  
MAGNETICO Ø50



# ACCESSORI

## C-RAIL



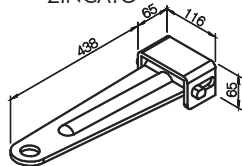
## ACCESSORI

### TRAINO CARRELLI

#### MT-5144A/B



TRACTION ARM-A L370  
TRACTION ARM-B L600  
ZINCATO

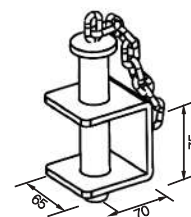


•10pcs/box •3,500g/pcs

#### MT-5145B



TRACTION HOOK-B  
ZINCATO

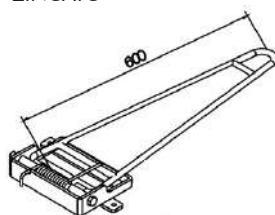


•10pcs/box •1,200g/pcs

#### BR-06



TRACTION ARM-A600  
ZINCATO

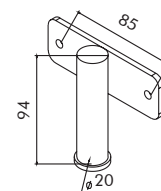


•1pcs/box •4246g/pcs

#### BR-04



TRACTION HOOK  
ZINCATO

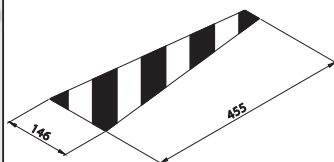


•1pcs/box •972g/pcs

#### UT-26



TRACTION ARM ADHESIVE  
pellicola giallo/nero

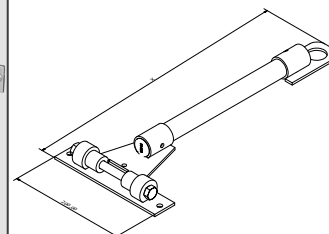


•10pcs/box •5g/pcs

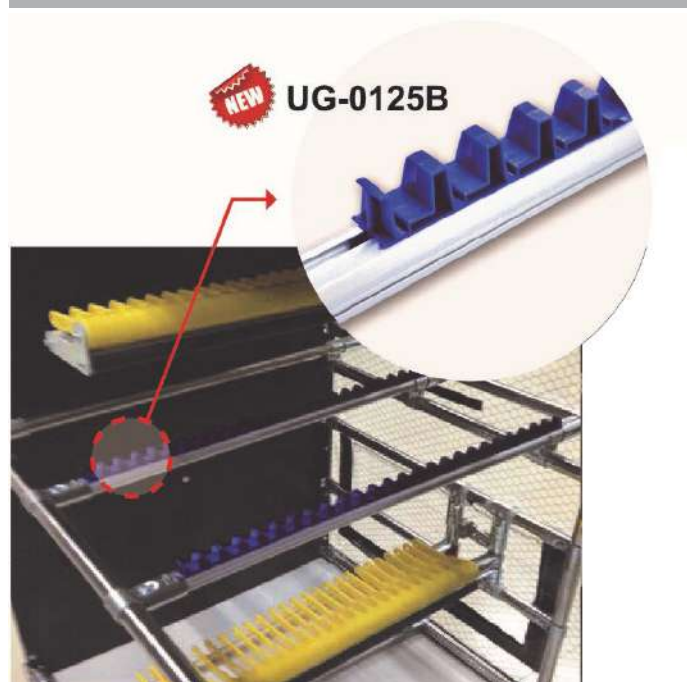
#### BR-17



MODULAR TRACTION ARM  
Lunghezza variabile



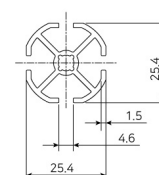
### ACCESSORI PROFILI TONDI CON CAVE



#### AJ-3143



PROFILE PIPE (ALUMINUM)



•4m (Standard)



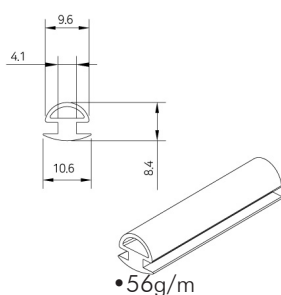
## ACCESSORI

### ACCESSORI PROFILI TONDI CON CAVE

#### PC-0400 (BK)



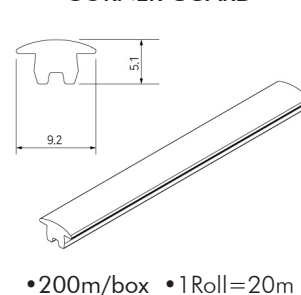
#### PROTECTION COVER



#### SC-0200 (GR)



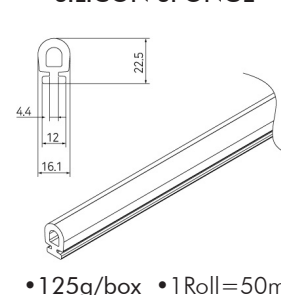
#### CORNER GUARD



#### SS-5A



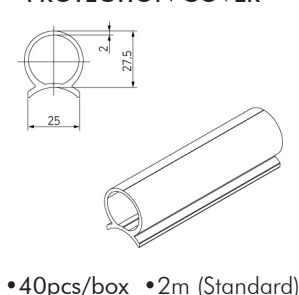
#### SILICON SPONGE



#### PC-0500 (BK)



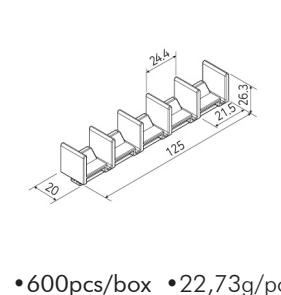
#### PROTECTION COVER



#### UG-0125A(YL)



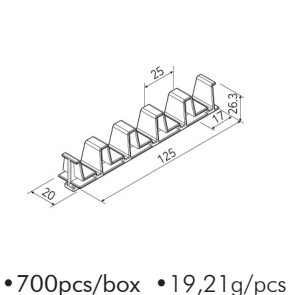
#### URETHANE GUIDE



#### UG-0125B(BL)



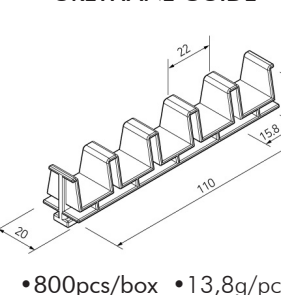
#### URETHANE GUIDE



#### UG-0125C(BL)



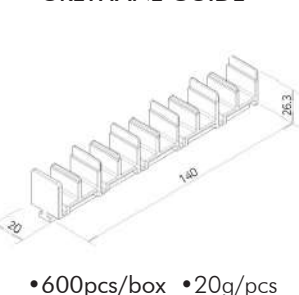
#### URETHANE GUIDE



#### UG-0140E



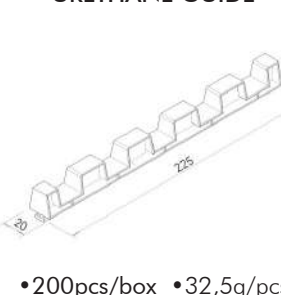
#### URETHANE GUIDE



#### UG-0225D



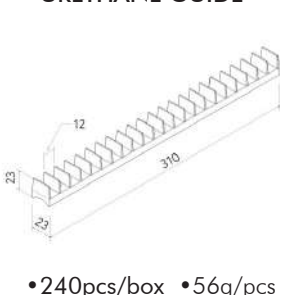
#### URETHANE GUIDE



#### UG-0310A



#### URETHANE GUIDE



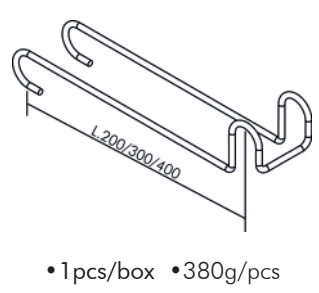
ACCESSORI

ACCESSORI

GN 200/300/400



MENSOLA L 200/300/400 mm



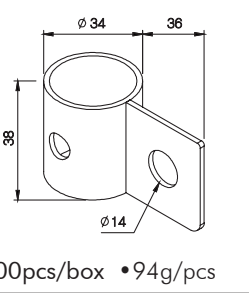
| CODICE | L.<br>(mm) | Per Ø<br>tubo |
|--------|------------|---------------|
| GN200  | 200        | 38            |
| GN300  | 300        | 38            |
| GN400  | 400        | 38            |



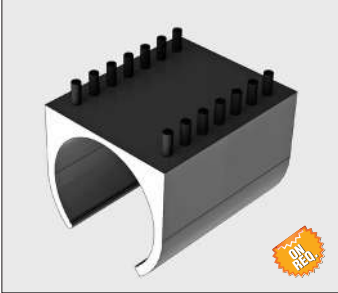
MT-5128



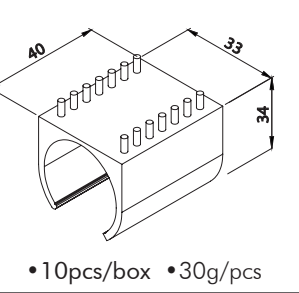
SHELF HINGE-A



UT-33



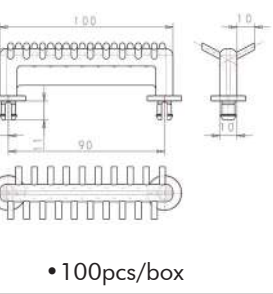
PROTECTION ELEMENT



MB-K103



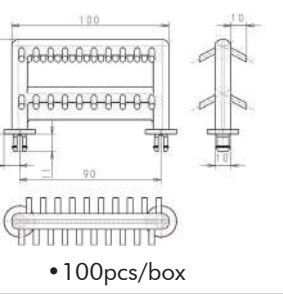
SPAZZOLE SPECIALI



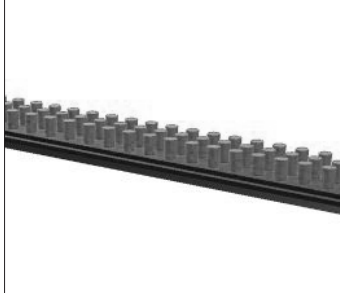
MB-K101



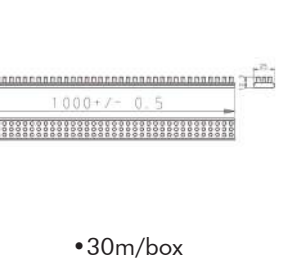
SPAZZOLE SPECIALI



MB-K1



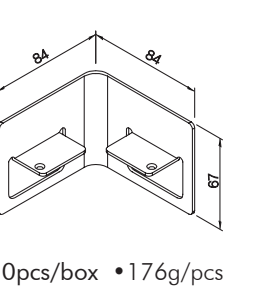
SPAZZOLE A LISTELLO SPECIALI



MT-5118



CORNER GUARD



## ACCESSORI

### FASTENERS E TOOLS

#### BULLONI



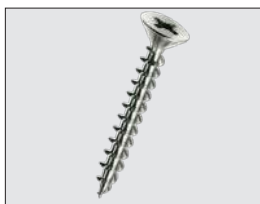
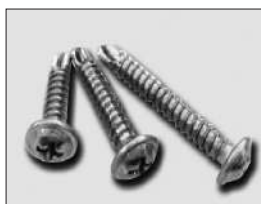
|              |                |                   |                   |              |
|--------------|----------------|-------------------|-------------------|--------------|
| ARTICOLO     | BULLONE        | BULLONE           | BULLONE           | BULLONE      |
| SPECIFICHE   | M6*10/25       | M8* 35/40/45      | M8* 50/60/70      | M10* 20/25   |
| COD ARTICOLO | WB-0610 / 0625 | BT-0835/0840/0845 | BT-0850/0860/0870 | BT-1020/1025 |

#### BULLONI DADI



|              |                |          |                   |
|--------------|----------------|----------|-------------------|
| ARTICOLO     | BULLONE        | DADO A T | DADO SELF-LOCKING |
| SPECIFICHE   | M12*20/25      | M6       | M8 /M10 / M12     |
| COD ARTICOLO | BT-1220 / 1225 | NU-0600  | NN-0800/1000/1200 |

#### VITI



|              |                    |                   |         |
|--------------|--------------------|-------------------|---------|
| ARTICOLO     | VITE TESTA SVASATA | VITE TESTA PIATTA | VITE    |
| SPECIFICHE   | #8*19 / 25 / 32    | #8*19 / 25 / 32   | #10*20  |
| COD ARTICOLO | SR-0819/0825/0832  | SF-0819/0825/0832 | SW-1020 |

#### CHIAVI



|              |                   |               |                 |         |
|--------------|-------------------|---------------|-----------------|---------|
| ARTICOLO     | INSERTO A BRUGOLA | CHIAVE A ELLE | INSERTO A CROCE | CHIAVE  |
| SPECIFICHE   | 5X70mm            | 150mm         | 65mm / 110mm    | -       |
| COD ARTICOLO | TL-4001           | TL-4003       | TL-4004 / 4005  | TL-4012 |

#### UTENSILI



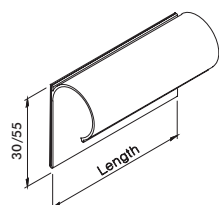
|              |                   |           |             |                 |
|--------------|-------------------|-----------|-------------|-----------------|
| ARTICOLO     | MARTELLO IN GOMMA | SBAVATORE | FLESSOMETRO | AVITATORE ELETT |
| SPECIFICHE   | -                 | -         | 3,5mt       | TOOL SET        |
| COD ARTICOLO | TL-4006           | TL-4007   | TL-4008     | TL-4011         |



## ACCESSORI

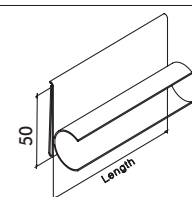
### PORTA ETICHETTE

#### LH-30 / LH-50



| COD.      | ALTEZZA | LUNGH. | PESO | QUANT. |
|-----------|---------|--------|------|--------|
| LH-3010CS | 30mm    | 100    | 12g  | 500    |
| LH-30     | 30mm    | 2000   | 24g  | 1      |
| LH-5010CL | 50mm    | 100    | 22g  | 400    |
| LH-50     | 50mm    | 2000   | 22g  | 1      |

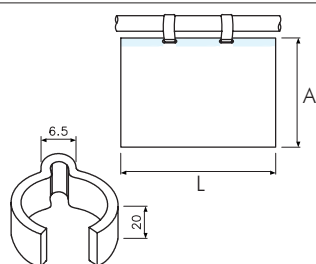
#### ET-0016



| COD PROD.   | ALTEZZA | LUNGH. | PESO | QUANT. |
|-------------|---------|--------|------|--------|
| ET0016-100  | 50mm    | 100    | 22g  | 25     |
| ET0016-2000 | 50mm    | 2000   | 440g | 1      |

86

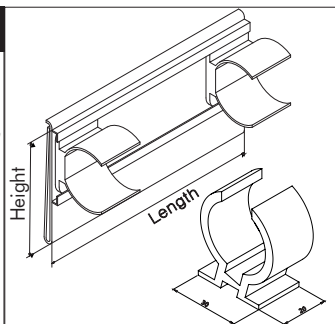
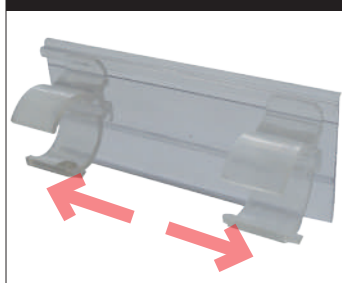
#### NP



| COD PROD. | ALTEZZA | LUNGH. | PESO | QUANT. |
|-----------|---------|--------|------|--------|
| NP-0120   | 40mm    | 120mm  | 6g   | 3000   |
| NP-0152   | 62mm    | 152mm  | 12g  | 2500   |
| NP-0180   | 84mm    | 180mm  | 20g  | 1500   |
| NP-0220   | 100mm   | 220mm  | 30g  | 1000   |
| NP-0215   | 160mm   | 215mm  | 48g  | 700    |
| NP-0300   | 120mm   | 300mm  | 50g  | 600    |
| NP-0307   | 210mm   | 307mm  | 94g  | 300    |
| NP-0430   | 310mm   | 430mm  | 170g | 100    |

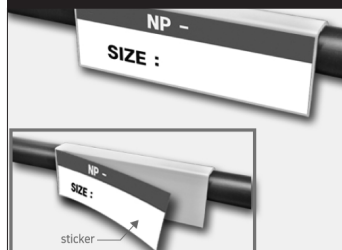
| COD PROD. | ALTEZZA | SPAZIO ETICHETTA | PESO | QUANT. |
|-----------|---------|------------------|------|--------|
| PJ-138B   | 20mm    | 6,5 mm           | 4,5g | 1500   |

#### ET-GN

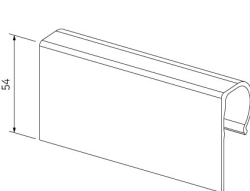


| COD PROD. | ALTEZZA | LUNGH. | PESO | QUANT. |
|-----------|---------|--------|------|--------|
| ET-3010GN | 30mm    | 100mm  | 12g  | 25     |
| ET-30GN   | 30mm    | 2000mm | 240g | 1      |
| ET-5010GN | 50mm    | 100mm  | 22g  | 25     |
| ET-50GN   | 50mm    | 2000mm | 440g | 1      |
| COD PROD. | ALTEZZA | LARGH. | PESO | QUANT. |
| ET-GN     | 30mm    | 20 mm  | 4,5g | 50     |

#### PN-5402

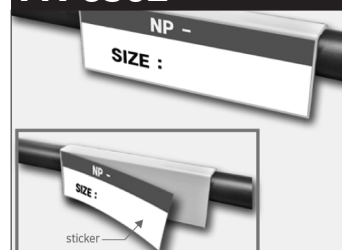


#### PLASTIC NAME PLATE

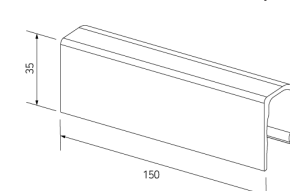


•2m/bar

#### PN-3502



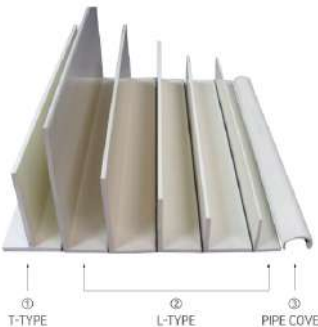
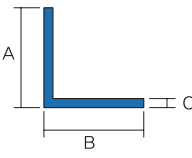
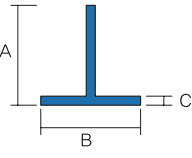
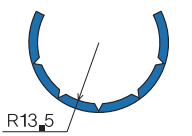
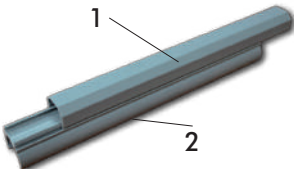
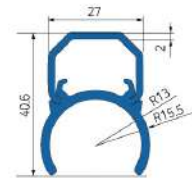
#### PLASTIC NAME PLATE (GR)

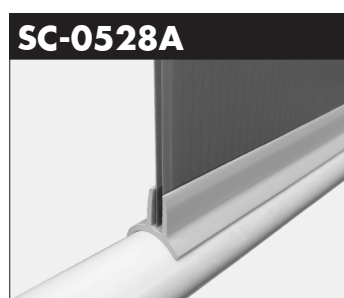


•2m/bar

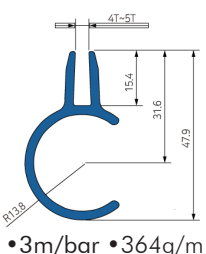
# ACCESSORI

## PROFILI ANGOLARI E COVER TUBI

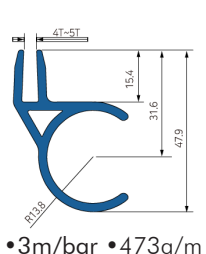
|                                                                                                                                          | TIPO       | DIMENSIONI                                                                          | COD. PROD     | A   | B   | C    | VECCHIO COD          | PESO    |
|------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|---------------|-----|-----|------|----------------------|---------|
|  <p>① T-TYPE<br/>② L-TYPE<br/>③ PIPE COVER (IV, GR)</p> | TIPO L     |    | PA-2350T3     | 30  | 50  | T3   | PA-2501              | 340g/m  |
|                                                                                                                                          |            |                                                                                     | PA-2890T3     | 80  | 90  |      | PA-2502              | 723g/m  |
|                                                                                                                                          |            |                                                                                     | PA-2550T4     | 50  | 50  |      | PA-2503              | 586g/m  |
|                                                                                                                                          |            |                                                                                     | PA-2575T4     | 50  | 75  | T4   | PA-2503A             | 706g/m  |
|                                                                                                                                          |            |                                                                                     | PA-2510T4     | 50  | 100 |      | PA-2504              | 833g/m  |
|                                                                                                                                          |            |                                                                                     | PA-2515T4     | 50  | 150 |      | PA-2505              | 1180g/m |
|                                                                                                                                          |            |                                                                                     | PA-2520T4     | 50  | 200 |      |                      | 1430g/m |
|                                                       | TIPO T     |    | PA-3510T4     | 50  | 100 | T4   | PA-2506<br>PA-3510T3 | 793g/m  |
|                                                                                                                                          |            |                                                                                     | PA-31550T4    | 150 | 50  | T4   | -                    | 1121g/m |
|                                                                                                                                          |            |                                                                                     | PA-3160T4     | 100 | 60  | T4   | PA-2507<br>PA-3106T5 | 1106g/m |
|                                                       | PIPE COVER |   | PA-4028A (BK) | -   | -   | T3   | PA-2509<br>PA-4028T3 | 223g/m  |
|                                                                                                                                          |            |                                                                                     | PA-4028B (BK) | -   | -   | T2,5 | PA-3000BK            | 280g/m  |
|  <p>1<br/>2</p>                                       | CABLE DUCT |  | 1<br>CD-3000T | -   | -   | -    | -                    | 158g/m  |
|                                                                                                                                          |            |                                                                                     | 2<br>CD-3000B | -   | -   | -    | -                    | 282g/m  |



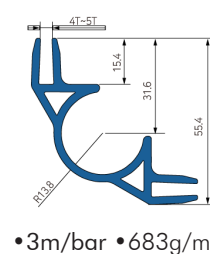
SHEET GUIDE - A



SHEET GUIDE - C



SHEET GUIDE - B



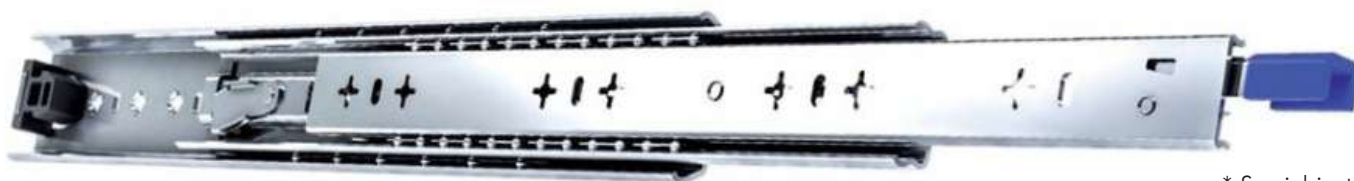
## ACCESSORI

### GUIDE SCORREVOLI

#### GUIDE SCORREVOLI A SFERA



#### GUIDE SCORREVOLI A SFERA CON BLOCCO



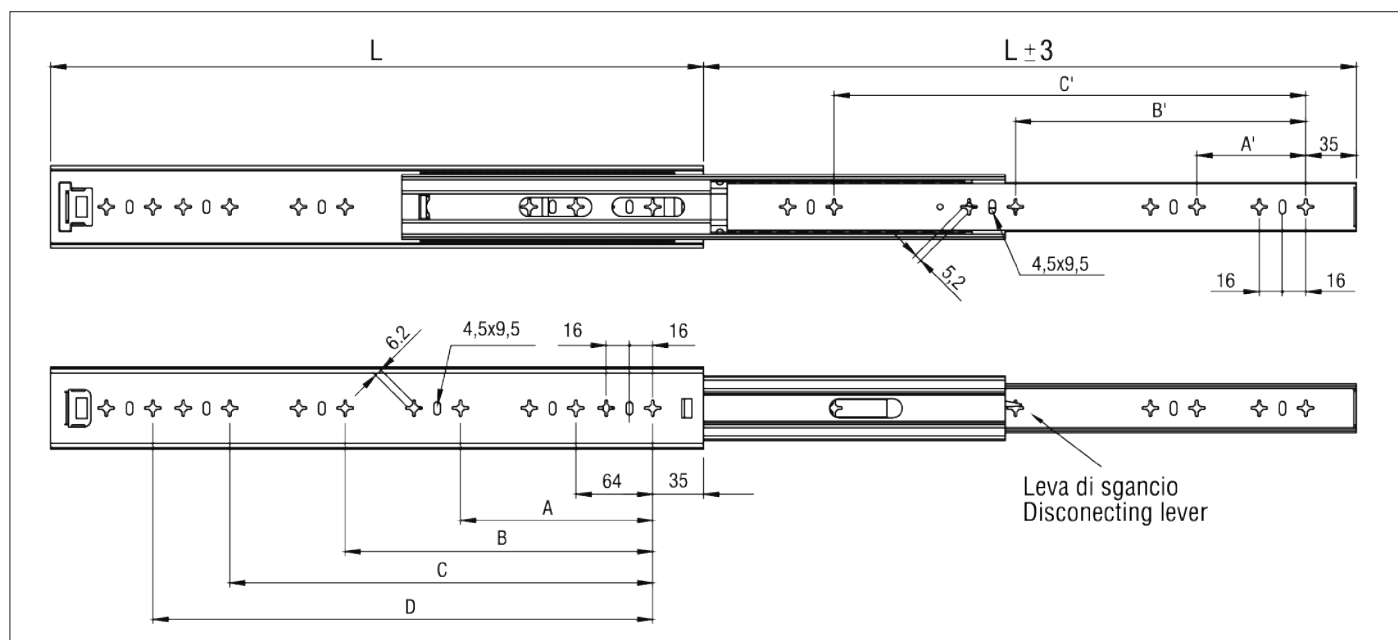
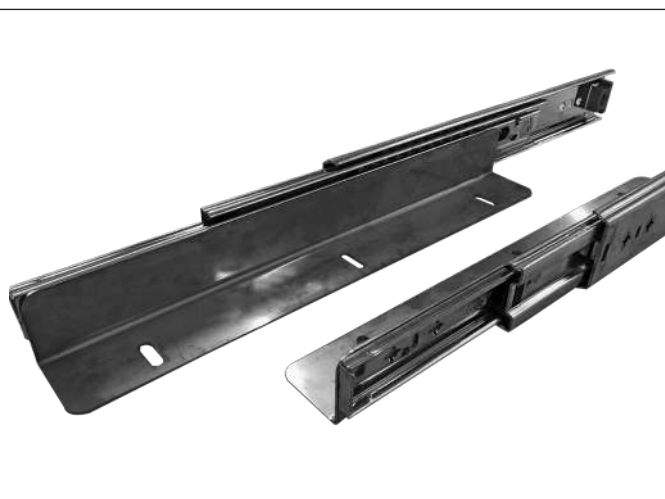
\* Su richiesta

88

#### GUIDE SCORREVOLI SENZA SUPPORTO



#### GUIDE SCORREVOLI CON SUPPORTO





## ACCESSORI

### GUIDE SCORREVOLI

| Cod. con Supporto | Cod. senza Supporto | DIM.<br>W x H (mm) | Portata<br>(Kg) | Gabbie a sfera | L    | A   | B   | C   | D    | A'  | B'  | C'  |
|-------------------|---------------------|--------------------|-----------------|----------------|------|-----|-----|-----|------|-----|-----|-----|
| GT45-10-S         | GT45-10             | 13x45              | 45              | 2              | 250  | -   | -   | -   | -    | -   | -   | -   |
| GT57-12-S         | GT57-12             | 19x57              | 120             | 2              | 300  | 96  | 192 | /   | /    | 64  | 192 | /   |
| GT57-14-S         | GT57-14             | 19x57              | 120             | 2              | 350  | 224 | /   | /   | /    | 96  | 256 | /   |
| GT57-16-S         | GT57-16             | 19x57              | 120             | 2              | 400  | 288 | /   | /   | /    | 96  | 288 | /   |
| GT57-18-S         | GT57-18             | 19x57              | 120             | 2              | 450  | 192 | 320 | /   | /    | 128 | 320 | /   |
| GT57-20-S         | GT57-20             | 19x57              | 115             | 2              | 500  | 224 | 384 | /   | /    | 160 | 384 | /   |
| GT57-22-S         | GT57-22             | 19x57              | 110             | 2              | 550  | 256 | 416 | /   | /    | 192 | 416 | /   |
| GT57-24-S         | GT57-24             | 19x57              | 105             | 2              | 600  | 256 | 416 | 480 | /    | 192 | 480 | /   |
| GT57-26-S         | GT57-26             | 19x57              | 100             | 2              | 650  | 192 | 288 | 448 | 512  | 224 | 384 | 512 |
| GT57-28-S         | GT57-28             | 19x57              | 95              | 2              | 700  | 192 | 320 | 480 | 576  | 224 | 416 | 576 |
| GT57-32-S         | GT57-32             | 19x57              | 85              | 2              | 800  | 192 | 384 | 544 | 672  | 224 | 480 | 672 |
| GT57-36-S         | GT57-36             | 19x57              | 75              | 2              | 900  | 192 | 448 | 608 | 768  | 224 | 512 | 768 |
| GT57-40-S         | GT57-40             | 19x57              | 65              | 2              | 1000 | 224 | 512 | 768 | 1024 | 256 | 608 | 992 |
| GT57-48-S         | GT57-48             | 19x57              | 45              | 2              | 1200 | 224 | 512 | 768 | 1024 | 256 | 608 | 992 |

\* Altre versioni e misure su richiesta.

\*\* Materiale: Acciaio Zincato

\*\*\* Montaggio Laterale



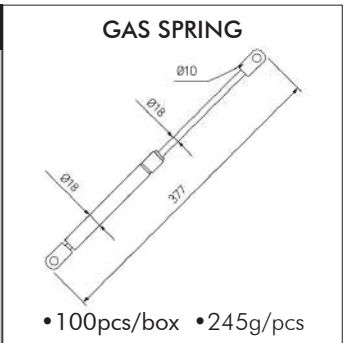
ACCESSORI

MOLLE A GAS

**MT-5143**



**GAS SPRING**



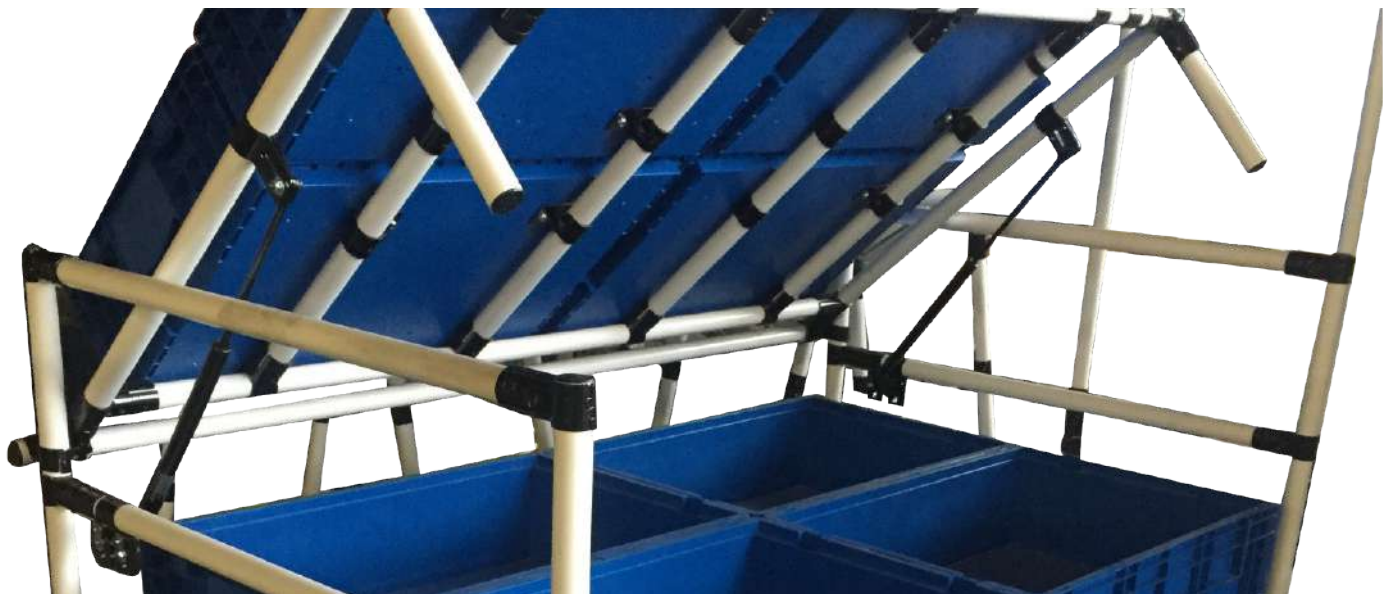
• 100pcs/box • 245g/pcs

Molle a gas

Altre versioni e misure su richiesta.

|                |         |
|----------------|---------|
| Codice         | MT-5143 |
| Corsa (mm)     | 143     |
| Lunghezza (mm) | 377     |

90

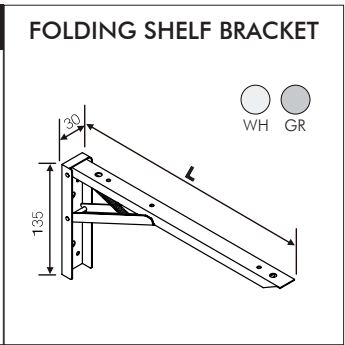


STAFFE PIEGHEVOLI PER MENSOLE

**FS-0200/0250/0300/0350**



**FOLDING SHELF BRACKET**





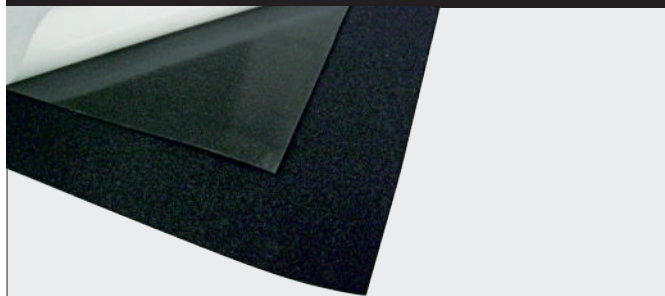
Staffe pieghevoli per mensole

|             |         |         |         |         |         |
|-------------|---------|---------|---------|---------|---------|
| Codice      | FS-0200 | FS-0250 | FS-0300 | FS-0350 | FS-0450 |
| Lungh. (mm) | 200     | 250     | 300     | 350     | 450     |

## COPERTURE E RIVESTIMENTI ADESIVI

### RIVESTIMENTI

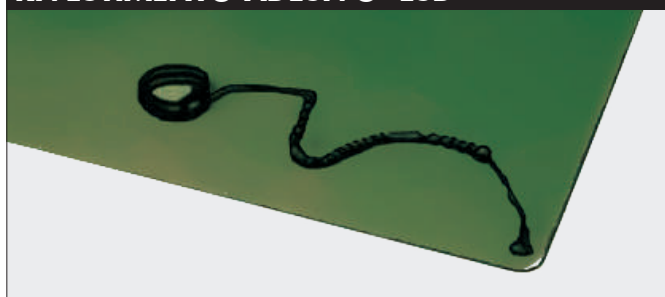
#### RIVESTIMENTO ADESIVIZZATO



| CODICE           | PP-SPG 02           | PP-GOM 03          |
|------------------|---------------------|--------------------|
| MATERIALI        | RIV. ADESIVO SPUGNA | RIV. ADESIVO GOMMA |
| COLORE           | NERO                | NERO               |
| SPESSORE         | 2mm                 | 3mm                |
| DIM. ROTOLO      | 10000 x 1000mm      | 10000 x 1000mm     |
| DIM. A RICHIESTA | SI                  | SI                 |

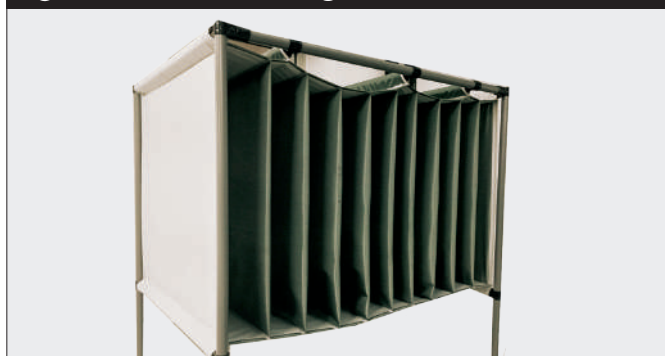
Altri spessori su richiesta

#### RIVESTIMENTO ADESIVO ESD

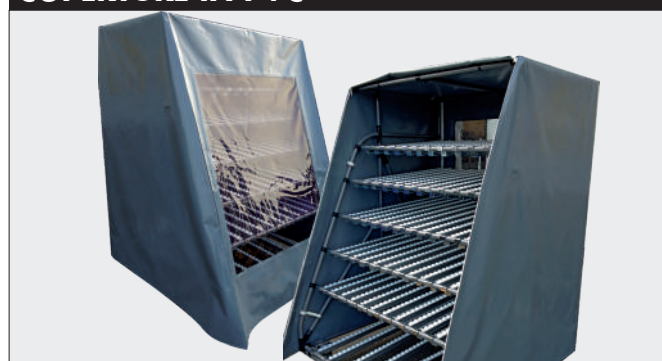


| CODICE            | EM-1200             |
|-------------------|---------------------|
| MATERIALE         | RIVEST. ADESIVO ESD |
| COLORE            | VERDE               |
| SPESSORE          | 2mm                 |
| DIMENSIONI ROTOLO | 10000 x 1200mm      |
| DIM. A RICHIESTA  | SI                  |

#### SCAFFALE IN TESSUTO



#### COPERTURE IN PVC



## RIVESTIMENTI PER TUBOLARI

### TIPOLOGIE

| CLASSIFICAZIONE  |  |  |  |  |  |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ARTICOLO         | YARNED THREAD HOSE                                                                  | TRANSPARENT HOSE                                                                    | ATILON HOSE                                                                         | EPDM FOAM HOSE (9T/15T)                                                               | GUAINA ANTIGRAFFIO                                                                    |
| MATERIALE        | PVC                                                                                 | PVC                                                                                 | ATILON                                                                              | RUBBER (SOFT)                                                                         | RUBBER (MEDIUM)                                                                       |
| CODICE PRODOTTO  | <b>TH-0001</b>                                                                      | <b>TH-0002</b>                                                                      | <b>TH-0003</b>                                                                      | <b>TH-0005</b>                                                                        | <b>TH-0006</b>                                                                        |
| SPECIF. STANDARD | 45M                                                                                 | 45M                                                                                 | 4M                                                                                  | 2M                                                                                    | 2M                                                                                    |



## ACCESSORI

### PIANI

#### ALVEOLARE



|                  |               |            |            |             |
|------------------|---------------|------------|------------|-------------|
| CODICE           | PP-ALV3-WH    | PP-ALV5-WH | PP-ALV8-WH | PP-ALV10-WH |
| MATERIALE        | ALVEOLARE     |            |            |             |
| COLORE           | BIANCO        |            |            |             |
| SPESSORE         | 3mm           | 5mm        | 8mm        | 10mm        |
| DIMENSIONI       | 2050 x 3050mm |            |            |             |
| DIM. A RICHIESTA | NO            |            |            |             |

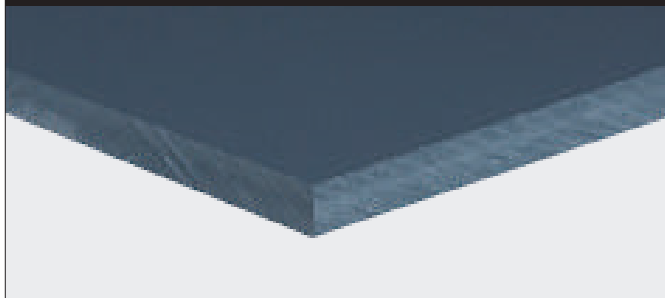
Altri colori su richiesta

#### POLIETILENE BIANCO



|                  |                   |            |            |
|------------------|-------------------|------------|------------|
| CODICE           | PP-PA10-WH        | PP-PA20-WH | PP-PA30-WH |
| MATERIALE        | POLIETILENE ALIM. |            |            |
| COLORE           | BIANCO            |            |            |
| SPESSORE         | 10mm              | 20mm       | 30mm       |
| DIMENSIONI       | 2000 x 1000mm     |            |            |
| DIM. A RICHIESTA | SI                |            |            |

#### PVC RIGIDO



|                  |               |             |
|------------------|---------------|-------------|
| CODICE           | PP-PVC5-GR    | PP-PVC10-GR |
| MATERIALE        | PVC RIGIDO    |             |
| COLORE           | GRIGIO        |             |
| SPESSORE         | 5mm           | 10mm        |
| DIMENSIONI       | 2000 x 1000mm |             |
| DIM. A RICHIESTA | SI            |             |

#### MDF



|                  |               |          |          |
|------------------|---------------|----------|----------|
| CODICE           | PP-MDF10      | PP-MDF19 | PP-MDF30 |
| MATERIALE        | MDF           |          |          |
| COLORE           | NATURALE      |          |          |
| SPESSORE         | 10mm          | 19mm     | 30mm     |
| DIMENSIONI       | 3760 x 2200mm |          |          |
| DIM. A RICHIESTA | SI            |          |          |

#### FOREX



|                  |               |         |         |          |
|------------------|---------------|---------|---------|----------|
| CODICE           | PP-FRX3       | PP-FRX5 | PP-FRX8 | PP-FRX10 |
| MATERIALE        | PVC ESPANSO   |         |         |          |
| COLORE           | BIANCO        |         |         |          |
| SPESSORE         | 3mm           | 5mm     | 8mm     | 10mm     |
| DIMENSIONI       | 2000 x 1000mm |         |         |          |
| DIM. A RICHIESTA | SI            |         |         |          |

Altri colori su richiesta

## ACCESSORI

### PIANI

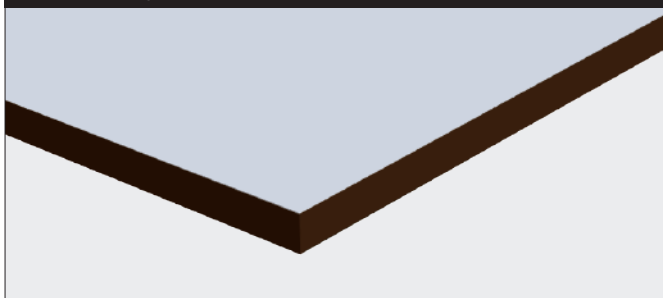
#### TRUCIOLARE NOBILITATO



|                  |                      |
|------------------|----------------------|
| CODICE           | <b>PP-TRC</b>        |
| MATERIALE        | TRUCIOLARE BORD. ABS |
| COLORE           | BIANCO               |
| SPESSORE         | SU RICHIESTA         |
| DIMENSIONI       | SU RICHIESTA         |
| DIM. A RICHIESTA | SI                   |

Possibilità di angoli raggiati

#### STRATIFICATO BILAMINATO



|                  |                |                |                |                 |
|------------------|----------------|----------------|----------------|-----------------|
| CODICE           | <b>PP-STR4</b> | <b>PP-STR6</b> | <b>PP-STR8</b> | <b>PP-STR10</b> |
| MATERIALE        | STRATIFICATO   |                |                |                 |
| COLORE           | BIANCO         |                |                |                 |
| SPESSORE         | 4mm            | 6mm            | 8mm            | 10mm            |
| DIMENSIONI       | 3050x1300mm    |                |                |                 |
| DIM. A RICHIESTA | SI             |                |                |                 |

#### GRIGLIATO METALLICO

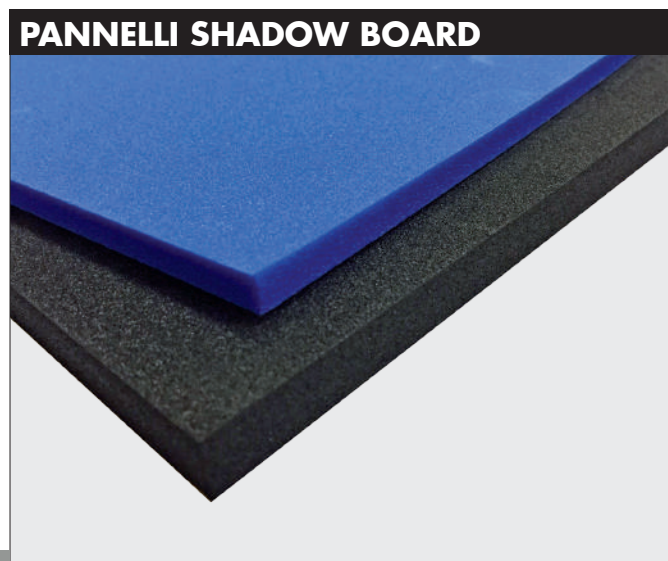


|                  |                     |
|------------------|---------------------|
| CODICE           | <b>PP-GRL-25</b>    |
| MATERIALE        | GRIGLIATO METALLICO |
| COLORE           | ZINCATO             |
| SPESSORE         | SU RICHIESTA        |
| MAGLIA           | 34 x 76mm           |
| PIATTO PORT.     | 25mm                |
| DIMENSIONI       | SU RICHIESTA        |
| DIM. A RICHIESTA | SI                  |



## ACCESSORI

### PANNELLI SHADOW BOARD



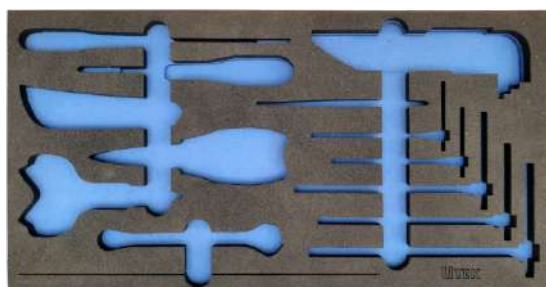
Le Shadowboards sono organizzatori per attrezzi in materiale espanso di semplice utilizzo ed economici. Sono formate da due strati sovrapposti di spugna, dai colori a contrasto, con il livello superiore tagliato seguendo le sagome degli attrezzi che dovrà ospitare.

L'utilizzo di cassette o contenitori gestiti con inserti sagomati portautensili ha molti vantaggi:

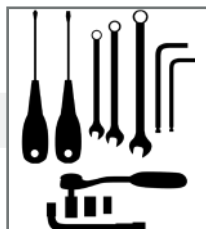
- Sicurezza degli strumenti
- Sicurezza dei dipendenti
- Risparmio di tempo
- Efficienza
- Riduzione dei costi

#### 3 Steps per Shadowboard:

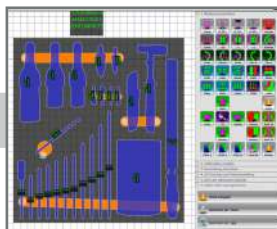
- Scannerizzare le sagome degli utensili
- Progettare la disposizione della tavola
- Stampaggio con incisione



#### Scan



#### Design



#### Production



### SHADOWBOARD MONOCOLORE

| Cod.                  | SBFF5E10-2010 | SBFF10E10-2010 | SBFF30E10-2010 | SBFF40E10-2010 | SBFF50E10-2010 |
|-----------------------|---------------|----------------|----------------|----------------|----------------|
| Spessori disponibili* | 5             | 10             | 30             | 40             | 50             |
| Dimensioni (mm)       | 1000x2000     |                | 1000x2000      |                |                |
| Materiale             | Foam          |                | Foam           |                |                |
| Colore                | 9             |                | 1 2 3 4B 5B    |                |                |

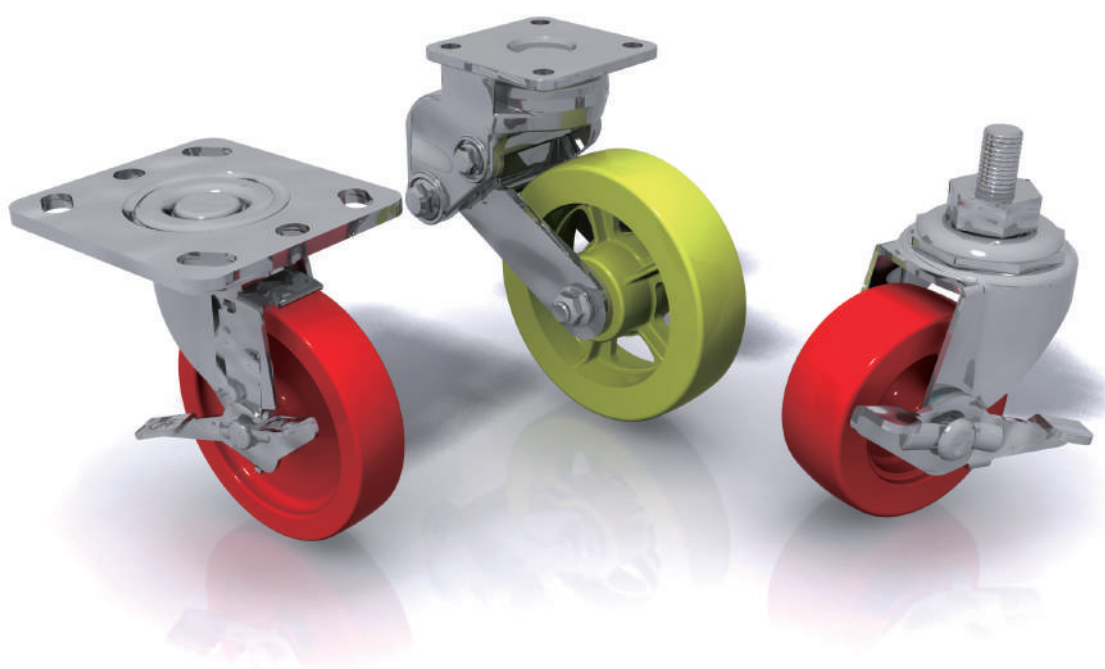
\*Altri spessori disponibili su richiesta

### SHADOWBOARD BICOLORE

| Cod.                         | SBFF35E10-2010 | SBFF40E10-2010 | SBFF45E10-2010 | SBFF50E10-2010 | SBFF50E10-2010 |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Spessori disp. da combinare* | 30 + 5 (BK)    | 30 + 10 (BK)   | 40 + 5 (BK)    | 40 + 10 (BK)   | 50 + 5 (BK)    |
| Dimensioni (mm)              | 1000x2000      |                |                |                |                |
| Materiale                    | Foam           |                |                |                |                |
| Colore                       | ● ● ● ● ●      |                |                |                |                |

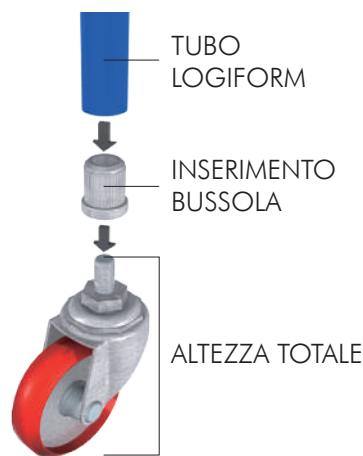
\*Altri spessori disponibili su richiesta



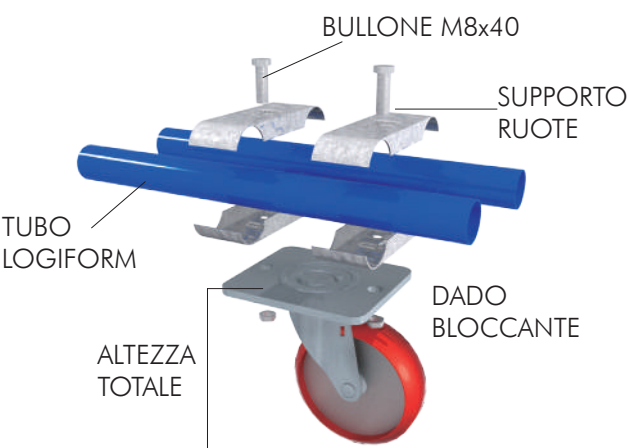


- 1 Ruote tubolare bassa portata
- 2 Flangia bassa portata
- 3 Bassa portata (ESD)
- 4 Media portata
- 5 Alta portata
- 6 Ammortizzate
- 7 Europee

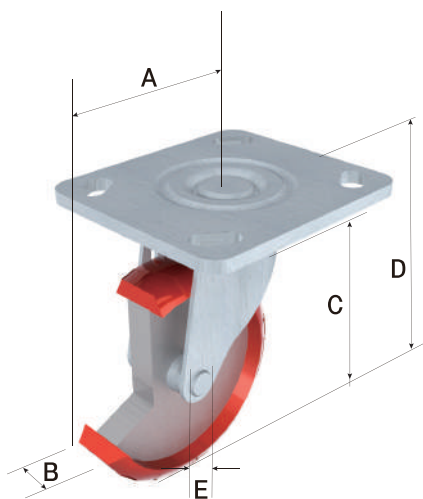
TUBOLARE



CON FLANGIA



DIMENSIONI



TIPOLOGIE



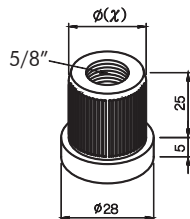
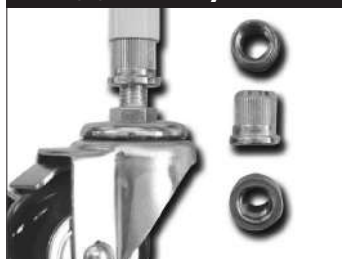
|          |           |          |         |        |
|----------|-----------|----------|---------|--------|
|          |           |          |         |        |
| A        | B         | C        | D       | E      |
| GIREVOLE | LARGHEZZA | DIAMETRO | ALTEZZA | OFFSET |

## RUOTE

### RUOTE A BASSA PORTATA (TUBOLARI)

| IMMAGINE                                                                                                                                                                                    | CODICE  | OPZIONI          |  | DIM. "A" |  |  |  |  | PESO  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-----------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
|                                                                                                                                                                                             |         |                  | inch (mm)                                                                         |          | inch (mm)                                                                          | (mm)                                                                                | (mm)                                                                                | kg                                                                                  | kg    |
| <br>MISURA 'A'<br>COLORE  | CT-702S | GIREV.           | 2"                                                                                | 1/2"     | 20                                                                                 | 44                                                                                  | 72                                                                                  | 35                                                                                  | 0,146 |
|                                                                                                                                                                                             | CT-703S |                  | 3"                                                                                | 5/8"     | 32                                                                                 | 73                                                                                  | 108                                                                                 | 100                                                                                 | 0,692 |
|                                                                                                                                                                                             | CT-704S |                  | 4"                                                                                | 5/8"     | 32                                                                                 | 89                                                                                  | 133                                                                                 | 105                                                                                 | 0,798 |
| <br>MISURA 'A'<br>COLORE  | CT-702B | GIREV. CON FRENO | 2"                                                                                | 1/2"     | 20                                                                                 | 44                                                                                  | 72                                                                                  | 35                                                                                  | 0,176 |
|                                                                                                                                                                                             | CT-703B |                  | 3"                                                                                | 5/8"     | 32                                                                                 | 73                                                                                  | 108                                                                                 | 100                                                                                 | 0,750 |
|                                                                                                                                                                                             | CT-704B |                  | 4"                                                                                | 5/8"     | 32                                                                                 | 89                                                                                  | 133                                                                                 | 105                                                                                 | 0,890 |

#### BOCCOLA 5/8"



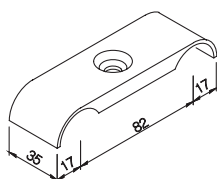
PER RUOTE TUBOLARI 3"-4"

| CODICE   | PZZ/BOX | PESO | Ø(%) | SPESSORE TUBO(mm) | PROFILO MODELLO               |         |
|----------|---------|------|------|-------------------|-------------------------------|---------|
| IN-5810L | 300     | 69g  | 23,6 | 1,0               | PER TUBO STANDARD E ALLUMINIO | LP-1100 |
| IN-5820L |         | 62g  | 21,6 | 2,0               |                               | AL-1150 |
| IN-5811S |         | 72g  | 25,6 | 1,1               | PER TUBO INOX                 | LP-1200 |

#### MT-5109



#### CASTER STRAP

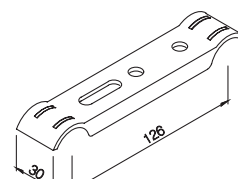


•150pcs/box •102g/pcs

#### MT-5109W



#### FORATURA UNIVERSALE



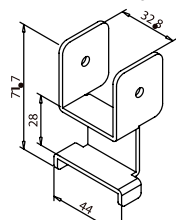
•120pcs/box •120g/pcs

#### MT-5311



#### CASTER HOLDER

Trasforma le ruote tubolari girevoli in fisse

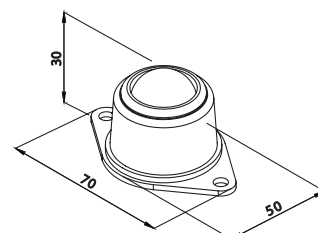


•---pcs/box •70g/pcs

#### BC-701S



#### PLATE BALL



•100pcs/box •139g/pcs

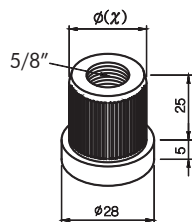


## RUOTE

### RUOTE A BASSA PORTATA (TUBOLARI ESD)

| IMMAGINE                                                                          | CODICE   | OPZIONI          |  inch (mm) | DIM. "A" |  inch (mm) |  (mm) |  (mm) |  4 Km/h | PESO  |
|-----------------------------------------------------------------------------------|----------|------------------|---------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------|
|  | CT-704SE | GIREV.           | 4"                                                                                          | 5/8"     | 32                                                                                           | 89                                                                                       | 133                                                                                      | 105                                                                                        | 0,798 |
|  | CT-704BE | GIREV. CON FRENO | 4"                                                                                          | 5/8"     | 32                                                                                           | 89                                                                                       | 133                                                                                      | 105                                                                                        | 0,890 |

#### BOCCOLA 5/8"



PER RUOTE TUBOLARI 3"-4"

| CODICE          | PZZ/BOX | PESO | Ø(%) | SPESSORE TUBO(mm) | PROFILO MODELLO               |         |
|-----------------|---------|------|------|-------------------|-------------------------------|---------|
| <b>IN-5810L</b> | 300     | 69g  | 23,6 | 1,0               | PER TUBO STANDARD E ALLUMINIO | LP-1100 |
| <b>IN-5820L</b> |         | 62g  | 21,6 | 2,0               |                               | AL-1150 |
| <b>IN-5811S</b> |         | 72g  | 25,6 | 1,1               | PER TUBO INOX                 | LP-1200 |
|                 |         |      |      |                   |                               | ST-1110 |

### RUOTE A BASSA PORTATA (CON FLANGIA ESD)

| IMMAGINE                                                                            | CODICE         | OPZIONI          |  inch (mm) |  inch (mm) |  (mm) |  (mm) |  4 Km/h |  (mm) |  (mm) | PESO |
|-------------------------------------------------------------------------------------|----------------|------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------|
|  | CT-65ESDR125NL | RIGIDA           | 125                                                                                           | 35                                                                                            | -                                                                                        | 156                                                                                        | 220                                                                                          | 100*85                                                                                     | 80x60                                                                                      | 0,89 |
|                                                                                     | CT-65ESDR150NL |                  | 150                                                                                           | 40                                                                                            | -                                                                                        | 194                                                                                        | 480                                                                                          | 140*110                                                                                    | 105x80                                                                                     | 2,04 |
|  | CT-65ESDS125NL | GIREV.           | 125                                                                                           | 35                                                                                            | 37                                                                                       | 156                                                                                        | 220                                                                                          | 100*85                                                                                     | 80x60                                                                                      | 1,14 |
|                                                                                     | CT-65ESDS150NL |                  | 150                                                                                           | 40                                                                                            | 56                                                                                       | 156                                                                                        | 300                                                                                          | 140*85                                                                                     | 80x60                                                                                      | 2,34 |
|  | CT-65ESDB125NL | GIREV. CON FRENO | 125                                                                                           | 35                                                                                            | 37                                                                                       | 156                                                                                        | 220                                                                                          | 100x85                                                                                     | 80x60                                                                                      | 1,28 |
|                                                                                     | CT-65ESDB150NL |                  | 150                                                                                           | 40                                                                                            | 56                                                                                       | 194                                                                                        | 300                                                                                          | 140x110                                                                                    | 105x80                                                                                     | 2,63 |

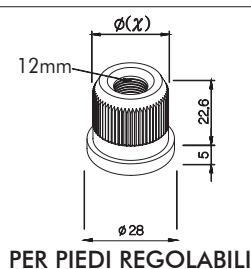
## RUOTE

### RUOTE A PORTATA MEDIA - TUBOLARI - SERIE 60



| IMMAGINE                                                                          | CODICE     | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4 Km/h | <br>(mm) | <br>(mm) | PESO |
|-----------------------------------------------------------------------------------|------------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
|  | CT-T60B100 | GIREV.                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                         | 170                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,64 |
|                                                                                   | CT-T60B80  |                        | 80                                                                                             | 30                                                                                             | 37                                                                                        | 107                                                                                         | 120                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,57 |
|  | CT-T60S100 | GIREV.<br>CON<br>FRENO | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                         | 170                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,80 |
|                                                                                   | CT-T60S80  |                        | 80                                                                                             | 30                                                                                             | 37                                                                                        | 107                                                                                         | 120                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,73 |

## BOCCOLA M12



PER PIEDI REGOLABILI

| CODICE           | PZZ/<br>BOX | PESO | Ø(%) | SPESSORE<br>TUBO(mm) | PROFILO<br>MODELLO                  |         |
|------------------|-------------|------|------|----------------------|-------------------------------------|---------|
| <b>IN-1210LM</b> | 300         | 72g  | 23,6 | 1,0                  | PER TUBO<br>STANDARD<br>E ALLUMINIO | LP-1100 |
| <b>IN-1220LM</b> |             | 62g  | 21,6 | 2,0                  |                                     | AL-1150 |
| <b>IN-1211SM</b> |             | 76g  | 25,6 | 1,1                  | PER TUBO<br>INOX                    | LP-1200 |
|                  |             |      |      |                      |                                     | ST-1110 |



## RUOTE

### RUOTE AD ALTA PORTATA (CON FLANGIA)

| IMMAGINE                                                                           | CODICE    | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4 Km/h | <br>(mm) | <br>(mm) | PESO |
|------------------------------------------------------------------------------------|-----------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
|   | CT-60R100 | RIGIDA                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 170                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,50 |
|                                                                                    | CT-60R125 |                        | 125                                                                                            | 35                                                                                             | 37                                                                                        | 156                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,65 |
|                                                                                    | CT-60R150 |                        | 150                                                                                            | 35                                                                                             | 34                                                                                        | 182                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,78 |
|   | CT-60S100 | GIREV.                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 170                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,64 |
|                                                                                    | CT-60S125 |                        | 125                                                                                            | 35                                                                                             | 37                                                                                        | 156                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,85 |
|                                                                                    | CT-60S150 |                        | 150                                                                                            | 35                                                                                             | 34                                                                                        | 182                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,97 |
|  | CT-60B100 | GIREV.<br>CON<br>FRENO | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 170                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 0,80 |
|                                                                                    | CT-60B125 |                        | 125                                                                                            | 35                                                                                             | 37                                                                                        | 156                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 1,01 |
|                                                                                    | CT-60B150 |                        | 150                                                                                            | 35                                                                                             | 34                                                                                        | 182                                                                                        | 220                                                                                           | 100*85                                                                                      | 80*60                                                                                       | 1,13 |

### FORZA DI TRAZIONE O SPINTA PER LA MOVIMENTAZIONE DELLA RUOTA

|   | 100 Kg | 150 Kg | 200 Kg | 250 Kg | 300 Kg | 350 Kg | 400 Kg | 450 Kg | 750 Kg |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 80 mm                                                                                                                                                                  | 4,5    | ---    | ---    | ---    | ---    | ---    | ---    | ---    | ---    |
| 100 mm                                                                                                                                                                 | 2,2    | 4,5    | ---    | ---    | ---    | ---    | ---    | ---    | ---    |
| 125 mm                                                                                                                                                                 | 1,2    | 2,2    | 4      | ---    | ---    | ---    | ---    | ---    | ---    |
| 150x35 mm                                                                                                                                                              | <1     | 2      | 3,2    | 5      | ---    | ---    | ---    | ---    | ---    |
| 150x45 mm                                                                                                                                                              | <1     | 2      | 3,2    | 4,5    | 6      | 9      | ---    | ---    | ---    |
| 160 mm                                                                                                                                                                 | <1     | 1,5    | 2,5    | 3,5    | 4,8    | 5,5    | 6,5    | ---    | ---    |
| 200 mm                                                                                                                                                                 | <1     | <1     | <1     | 2,5    | 3      | 4      | 5,5    | 7      | ---    |
| 250 mm                                                                                                                                                                 | <1     | <1     | <1     | 2      | 2,8    | 3,7    | 4,8    | 5      | 7      |

Per ogni carico e diametro, la tabella indica la forza (in daN) necessaria per spingere o trainare una sola ruota alla velocità costante di 4 km/h su pavimento liscio. Per movimentazione manuale di un carrello a 4 ruote scegliere diametri che portano a valori di < 5 daN. Per movimentazione frequente scegliere valori di < 3 daN.

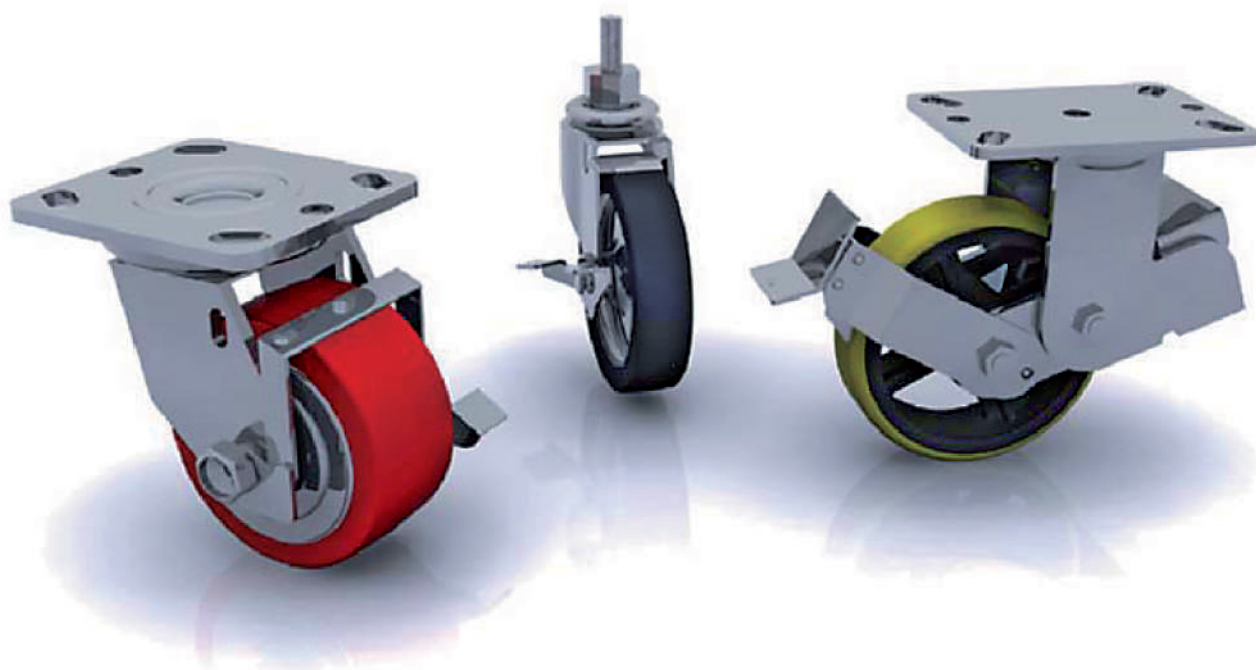


## RUOTE

### RUOTE AMMORTIZZATE (CON FLANGIA)

| IMMAGINE                                                                           | CODICE           | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>kg | <br>(mm) | <br>(mm) | PESO<br>kg |
|------------------------------------------------------------------------------------|------------------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|
|   | CT-726RC<br>(PC) | RIGIDA                 | 6"                                                                                             | 48                                                                                             | 128                                                                                       | 203                                                                                         | 380                                                                                       | 160*115                                                                                     | 129*72.5                                                                                    | 5,146      |
|   | CT-726SC<br>(PC) | GIREV.                 | 6"                                                                                             | 48                                                                                             | 128                                                                                       | 203                                                                                         | 380                                                                                       | 160*115                                                                                     | 129*72.5                                                                                    | 5,876      |
|  | CT-726BC<br>(PC) | GIREV.<br>CON<br>FRENO | 6"                                                                                             | 48                                                                                             | 128                                                                                       | 203                                                                                         | 380                                                                                       | 160*115                                                                                     | 129*72.5                                                                                    | 6,178      |

Per ulteriori modelli contattare ns. ufficio vendite



## RUOTE

### RUOTE AD ALTA PORTATA MONOLITICHE IN POLIAMMIDE - SERIE 68



| IMMAGINE                                                                           | CODICE | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4kg/h daN | <br>(mm) | <br>(mm) | PESO<br>kg |
|------------------------------------------------------------------------------------|--------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|
|   | CT-68R | RIGIDA                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 200                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,46       |
|   | CT-68S | GIREV.                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 200                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,65       |
|  | CT-68B | GIREV.<br>CON<br>FRENO | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                        | 200                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,85       |

### FORZA DI TRAZIONE O SPINTA PER LA MOVIMENTAZIONE DELLA RUOTA

|   | 100 kg | 200 kg | 300 kg | 400 kg | 500 kg | 700 kg | 1000 kg | 1200 kg |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|---------|---------|
| 65 mm                                                                                                                                                                  | 5,5    | ---    | ---    | ---    | ---    | ---    | ---     | ---     |
| 80 mm                                                                                                                                                                  | 4      | ---    | ---    | ---    | ---    | ---    | ---     | ---     |
| 100 mm                                                                                                                                                                 | 3,5    | 6      | 9      | ---    | ---    | ---    | ---     | ---     |
| 125 mm                                                                                                                                                                 | 2,5    | 5      | 6      | 8      | ---    | ---    | ---     | ---     |
| 150 mm                                                                                                                                                                 | 1      | 2,5    | 6      | 8      | 10     | ---    | ---     | ---     |
| 175 mm                                                                                                                                                                 | < 1    | 2      | 5,5    | 7      | 9      | ---    | ---     | ---     |
| 200 mm                                                                                                                                                                 | < 1    | 1,8    | 4,7    | 5,8    | 6,5    | 7,8    | ---     | ---     |
| 250 mm                                                                                                                                                                 | < 1    | 1,5    | 4      | 4,5    | 6      | 8      | 12      | 16      |

Per ogni carico e diametro, la tabella indica la forza (in daN) necessaria per spingere o trainare una sola ruota alla velocità costante di 4 km/h su pavimento liscio. Per movimentazione manuale di un carrello a 4 ruote scegliere diametri che portano a valori di < 5 daN. Per movimentazione frequente scegliere valori di < 3 daN.

## RUOTE

### RUOTE AD ALTA PORTATA IN POLIURETANO CON NUCLEO IN ALLUMINIO - SERIE 65



| IMMAGINE                                                                           | CODICE | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4kg/h daN | <br>(mm) | <br>(mm) | PESO<br>kg |
|------------------------------------------------------------------------------------|--------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|
|   | CT-65R | RIGIDA                 | 150                                                                                            | 40                                                                                             | 56                                                                                        | 182                                                                                         | 300                                                                                              | 105*80                                                                                      | 140*110                                                                                     | 2,04       |
|   | CT-65S | GIREV.                 | 150                                                                                            | 40                                                                                             | 56                                                                                        | 182                                                                                         | 300                                                                                              | 105*80                                                                                      | 140*110                                                                                     | 2,34       |
|  | CT-65B | GIREV.<br>CON<br>FRENO | 150                                                                                            | 40                                                                                             | 56                                                                                        | 194                                                                                         | 300                                                                                              | 105*80                                                                                      | 140*110                                                                                     | 2,63       |

### FORZA DI TRAZIONE O SPINTA PER LA MOVIMENTAZIONE DELLA RUOTA

|   | 100 kg | 200 kg | 350 kg | 500 kg | 650 kg | 850 kg |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|
| 80 mm                                                                                                                                                                   | 2,8    | 5,8    | ----   | ----   | ----   | ----   |
| 100 mm                                                                                                                                                                  | 1,7    | 4,5    | ----   | ----   | ----   | ----   |
| 125 mm                                                                                                                                                                  | 1,4    | 3      | 9      | ----   | ----   | ----   |
| 150 mm                                                                                                                                                                  | < 1    | 2      | 6      | 7,6    | 10,7   | ----   |
| 160 mm                                                                                                                                                                  | < 1    | 1,8    | 5      | 7,4    | 10,5   | ----   |
| 200 mm                                                                                                                                                                  | < 1    | 1,4    | 4,8    | 7,2    | 10,3   | 18     |

Per ogni carico e diametro, la tabella indica la forza (in daN) necessaria per spingere o trainare una sola ruota alla velocità costante di 4 km/h su pavimento liscio. Per movimentazione manuale di un carrello a 4 ruote scegliere diametri che portano a valori di < 5 daN. Per movimentazione frequente scegliere valori di < 3 daN.

## RUOTE

### RUOTE A PORTATA MEDIA - POLIURETANO T-ROLL - SERIE 62ER



| IMMAGINE                                                                           | CODICE      | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4 Km/h | <br>(mm) | <br>(mm) | PESO |
|------------------------------------------------------------------------------------|-------------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
|   | CT-62ERR160 | RIGIDA                 | 160                                                                                            | 50                                                                                             | 58                                                                                        | 199                                                                                        | 500                                                                                           | 140*110                                                                                     | 105*80                                                                                      | 2,10 |
|   | CT-62ERS160 | GIREV.                 | 160                                                                                            | 50                                                                                             | 58                                                                                        | 199                                                                                        | 500                                                                                           | 140*110                                                                                     | 105*80                                                                                      | 2,81 |
|  | CT-62ERB160 | GIREV.<br>CON<br>FRENO | 160                                                                                            | 50                                                                                             | 58                                                                                        | 199                                                                                        | 500                                                                                           | 140*110                                                                                     | 105*80                                                                                      | 3,28 |

### FORZA DI TRAZIONE O SPINTA PER LA MOVIMENTAZIONE DELLA RUOTA

|   | 150 Kg | 250 Kg | 350 Kg | 450 Kg | 550 Kg | 700 Kg |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|
| 100 mm                                                                                                                                                                 | 2      | ---    | ---    | ---    | ---    | ---    |
| 125x40 mm                                                                                                                                                              | <1     | 1,5    | 5      | ---    | ---    | ---    |
| 125x50 mm                                                                                                                                                              | <1     | 1      | 2      | 3      | ---    | ---    |
| 160 mm                                                                                                                                                                 | <1     | 1      | 2      | 3      | 3,5    | ---    |
| 200 mm                                                                                                                                                                 | <1     | <1     | 1      | 2      | 3      | 4      |
| 250 mm                                                                                                                                                                 | <1     | <1     | 1      | 2      | 3      | 4      |

Per ogni carico e diametro, la tabella indica la forza (in daN) necessaria per spingere o trainare una sola ruota alla velocità costante di 4 km/h su pavimento liscio. Per movimentazione manuale di un carrello a 4 ruote scegliere diametri che portano a valori di < 5 daN. Per movimentazione frequente scegliere valori di < 3 daN.



## RUOTE

### RUOTE A BASSA PORTATA - GOMMA TERMOPLASTICA - SERIE 71



| IMMAGINE                                                                           | CODICE | OPZIONI                | <br>inch (mm) | <br>inch (mm) | <br>(mm) | <br>(mm) | <br>4kg/h daN | <br>(mm) | <br>(mm) | PESO<br>kg |
|------------------------------------------------------------------------------------|--------|------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|
|   | CT-71R | RIGIDA                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                         | 100                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,39       |
|   | CT-71S | GIREV.                 | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                         | 100                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,70       |
|  | CT-71B | GIREV.<br>CON<br>FRENO | 100                                                                                            | 30                                                                                             | 35                                                                                        | 128                                                                                         | 100                                                                                              | 100*85                                                                                      | 80*60                                                                                       | 0,85       |

### FORZA DI TRAZIONE O SPINTA PER LA MOVIMENTAZIONE DELLA RUOTA

|   | 50 kg | 100 kg | 150 kg | 200 kg | 225 kg |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------|--------|--------|
| 80 mm                                                                                                                                                                   | 3,5   | ----   | ----   | ----   | ----   |
| 100 mm                                                                                                                                                                  | 2,2   | 5      | ----   | ----   | ----   |
| 125 mm                                                                                                                                                                  | 1,5   | 3,5    | ----   | ----   | ----   |
| 150 mm                                                                                                                                                                  | 1     | 2,5    | 4,7    | ----   | ----   |
| 160 mm                                                                                                                                                                  | < 1   | 2      | 3,8    | ----   | ----   |
| 200 mm                                                                                                                                                                  | < 1   | 1,3    | 2,5    | 3,9    | 5      |

Per ogni carico e diametro, la tabella indica la forza (in daN) necessaria per spingere o trainare una sola ruota alla velocità costante di 4 km/h su pavimento liscio. Per movimentazione manuale di un carrello a 4 ruote scegliere diametri che portano a valori di < 5 daN. Per movimentazione frequente scegliere valori di < 3 daN.

## RUOTE

### PARAPIEDE PER RUOTE EUROPEE



| IMMAGINE                                                                          | CODICE                         | OPZIONI                  | DIAMETRO RUOTA (mm) | LUNGHEZZA (mm) | LARGHEZZA (mm) | ALTEZZA PROTEZIONE (mm) | ALTEZZA TOTALE (mm) | SPESSORE (mm) |
|-----------------------------------------------------------------------------------|--------------------------------|--------------------------|---------------------|----------------|----------------|-------------------------|---------------------|---------------|
|  | CTPR-68<br>CTPR-71<br>CTPR-T61 | CT-68<br>CT-71<br>CT-T61 | 100                 | 115            | 55             | 30                      | 60                  | 2             |
|                                                                                   | CTPR-61                        | CT-61                    | 125                 | 140            | 60             | 40                      | 85                  | 2             |
|                                                                                   | CTPR-65                        | CT-65                    | 150                 | 165            | 65             | 50                      | 110                 | 2             |
|                                                                                   | CTPR-62                        | CT-62                    | 160                 | 175            | 75             | 55                      | 120                 | 2             |

Altre versioni su richiesta

### RUOTE SPECIALI

#### Ruota girevole con bloccaggio direzionale



#### Ruota girevole con freno doppia azione

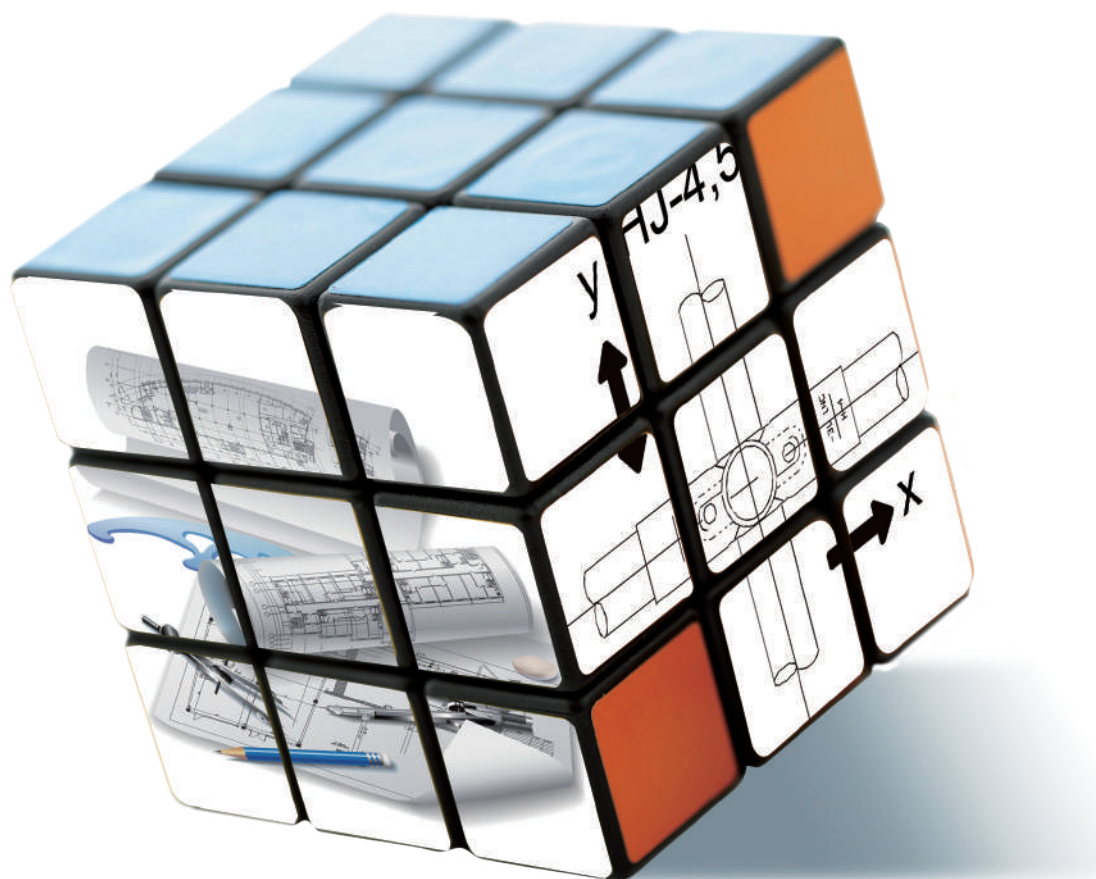


#### Ruota girevole con perno di stazionamento



#### Dispositivo di bloccaggio per carrelli





- 1 Workflow
- 2 Structure Breakdown
- 3 Margine di carico proporzionale

WORKFLOW

Per poter produrre trolleys, workstations e flowracks, occorre seguire le istruzioni sotto riportate.

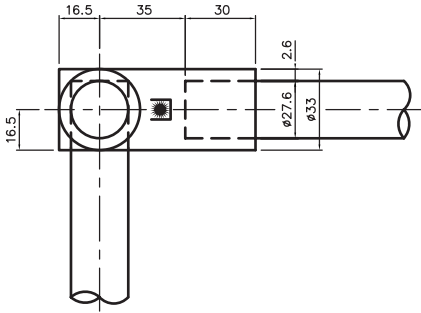
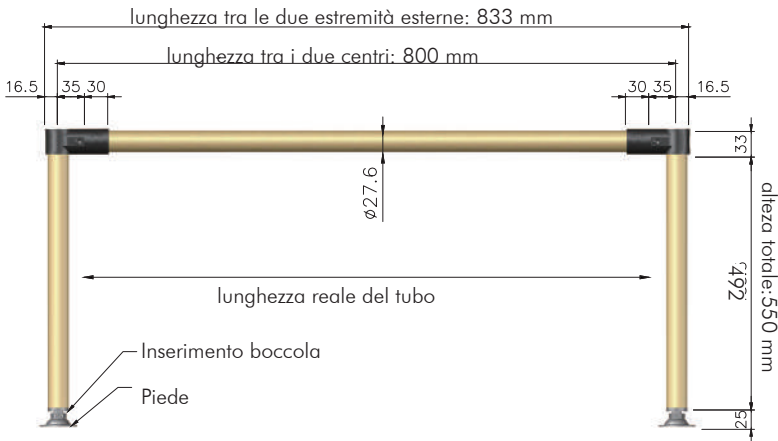


CALCOLO DELLA LUNGHEZZA DEI TUBI

Calcolare la lunghezza del tubo come illustrato sotto.

Tenere in considerazione: lunghezza della porzione di tubo da inserire nel giunto e distanza tra i punti centrali dei giunti.

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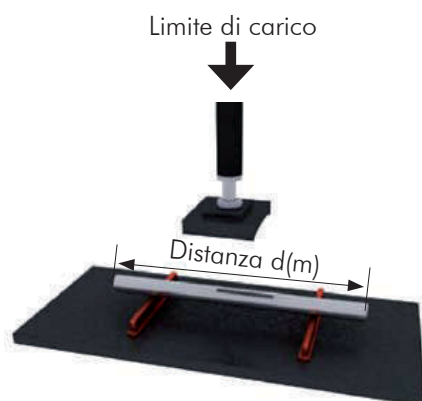
|                       |     |                                                                                   |
|-----------------------|-----|-----------------------------------------------------------------------------------|
| Calcolo               | 833 | Lunghezza tra le due estremità esterne                                            |
| Lunghezze Orizzontali | 103 | Distanza tra battuta interna del giunto e superficie esterna giunto (16,5+35) x 2 |
|                       | 730 | Lunghezza effettiva da tagliare                                                   |

|                     |     |                                                      |
|---------------------|-----|------------------------------------------------------|
| Calcolo             | 550 | Altezza totale                                       |
| Lunghezze Verticali | -25 | Distanza tra l'estremità del tubo e quella del piede |
|                     | 525 | Lunghezza effettiva da tagliare                      |



## SPECIFICHE TECNICHE

### STRUCTURE BREAKDOWN



#### Condizioni del test

1. Velocità test: 5mm/sec.
2. Temperatura: 23°C

### RISULTATI

Limite proporzionale (unità:Kg)

|           | Q-PIPE  |         | ESD-PIPE | TUBI INOX | TUBO SLIDE | TUBO ALLUMINIO |
|-----------|---------|---------|----------|-----------|------------|----------------|
| LUNGHEZZA | LP-1100 | LP-1200 | CP-1100  | ST-1110   | SL-1100    | AL-1150        |
| 450mm     | 180     | 334     | 180      | 252       | 173        | 122            |
| 1000mm    | 74      | 150     | 74       | 113       | 78         | 55             |
| 1500mm    | 50      | 225     | 50       | 75        | 52         | 37             |
| 1800mm    | 41      | 271     | 41       | 63        | 43         | 31             |

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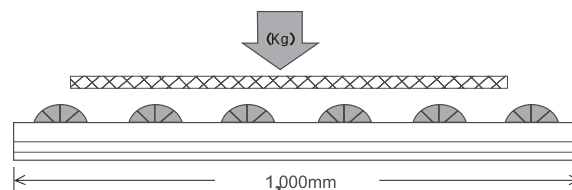
### PORTATA MASSIMA RULLIERE E RULLINI

#### TEST SU RULLIERE

| TIPO    | Ø  | LUNGH. | CARICO  |
|---------|----|--------|---------|
| 40 TYPE | 30 |        | 100 kgf |
| 73 TYPE | 34 |        | 215 kgf |
| 73 TYPE | 18 |        | 225 kgf |

#### Condizioni del test

1. Velocità test: 5mm/min
2. Temperatura: 23 °C

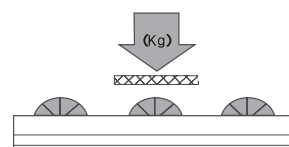


#### TEST SU RULLINI

| TIPO    | Ø  | CARICO  |
|---------|----|---------|
| 40 TYPE | 30 | 170 kgf |
| 73 TYPE | 34 | 520 kgf |
| 73 TYPE | 18 | 165 kgf |

#### Condizioni del test

1. Velocità test: 5mm/min
2. Temperatura: 23 °C



#### \* Limiti di temperatura

Temperatura di utilizzo della resina ABS: -10° + 80° C. Tenere al riparo da fonti di calore o temperature troppo rigide.

PROGRAMMA DI PROGETTAZIONE 3D

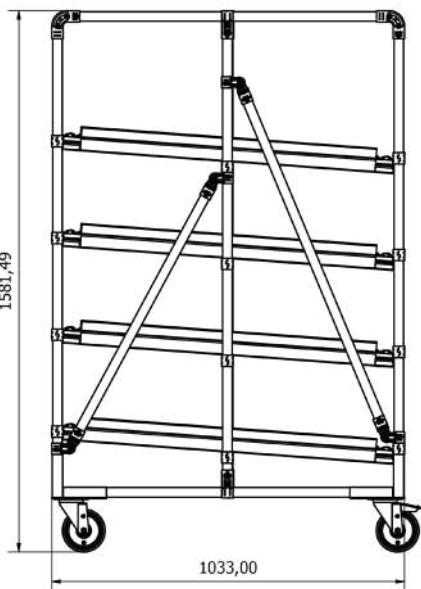
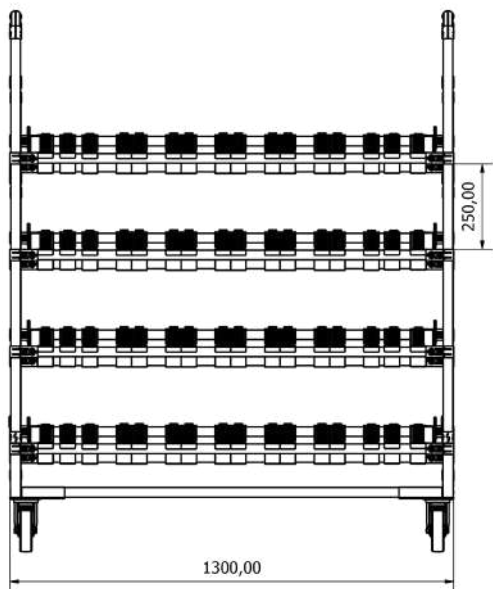
UTEK utilizza per i propri progetti uno dei sistemi di progettazione 3D più avanzati.

Ciò significa:

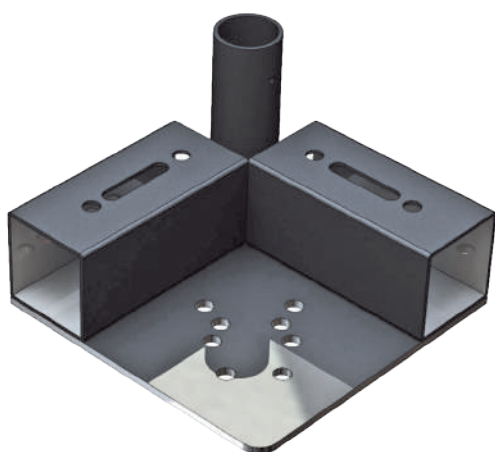
- Maggiore velocità e semplicità nella progettazione delle strutture modulari;
- Velocità di posizionamento dei componenti;
- Calcolo immediato dei componenti utilizzati;
- Maggiore precisione;
- Rappresentazioni 3D realistiche e impressionanti per mezzo di rendering all'avanguardia;
- Adeguamento e modifiche immediate al progetto;
- Semplicità e chiarezza per il montaggio.



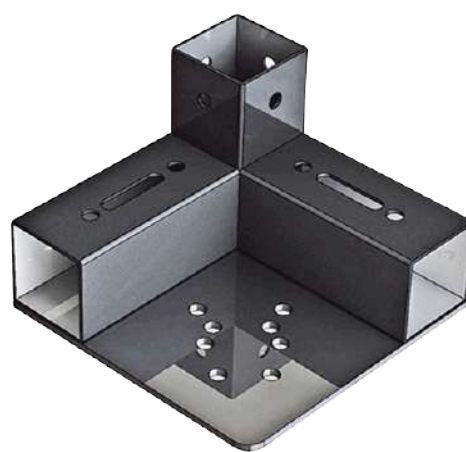
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| DISTINTA BASE                                                                     |             |                |
|-----------------------------------------------------------------------------------|-------------|----------------|
| N°                                                                                | QTÀ         | COMPONENTE     |
| 1                                                                                 | 2           | MT-5139L-      |
| 2                                                                                 | 2           | MT-5139R-      |
| 3                                                                                 | 28          | HJ-1           |
| 4                                                                                 | 4           | HJ-13          |
| 5                                                                                 | 64          | PM-4010A       |
| 6                                                                                 | 64          | PM-4010BW      |
| 7                                                                                 | 2           | mp1200-1232    |
| 8                                                                                 | 12          | mp1200-1197    |
| 9                                                                                 | 4           | mp1200-965     |
| 10                                                                                | 2           | mp1200-930     |
| 11                                                                                | 8           | PL-4014WH-967  |
| 12                                                                                | 8           | PA-402B-866    |
| 13                                                                                | 4           | mp1200-1371    |
| 14                                                                                | 2           | mp1200-1321    |
| 15                                                                                | 8           | H-5 DOPPIO     |
| 16                                                                                | 8           | H6- DOPPIO     |
| 17                                                                                | 2           | mp1200-831     |
| 18                                                                                | 2           | mp1200-1026    |
| 19                                                                                | 56          | PL-4014GR-967  |
| 20                                                                                | 2           | CT-60B-D125    |
| 21                                                                                | 2           | CT-60S-D125    |
| 22                                                                                | 1728        | ROLLER40WH     |
| BIPAK PER PRESA VEDERE                                                            |             |                |
| RIPRODOTTO MODIFICARE                                                             |             |                |
| T2 GRIGIO CHIARO                                                                  |             |                |
| COD.                                                                              | 2-230510-1A | SCALA: 1 : 10  |
| DESCRIZIONE: SCAFFALE SUPERMARKET                                                 |             |                |
| UTEK PER L'ES.                                                                    |             | UTEK PER L'ES. |
| 100KG.                                                                            |             | 400KG.         |
| UTEK                                                                              |             | MF             |
| 12/06/2023                                                                        |             | UTEK           |
| Non è consentito modificare, ritrasmettere e copiare il contenuto o parte di esso |             |                |
| Tutte le quote sono espresse in mm                                                |             |                |



ELEMENTI BR



ELEMENTI BQ

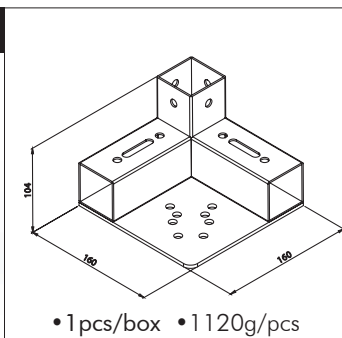
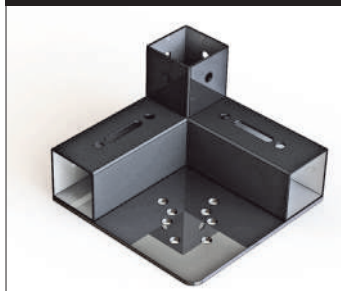
- 1 Elementi BQ
- 2 Elementi BR
- 3 Profilo quadro in acciaio

# SISTEMA MODULARE HIGH LOAD 45x45

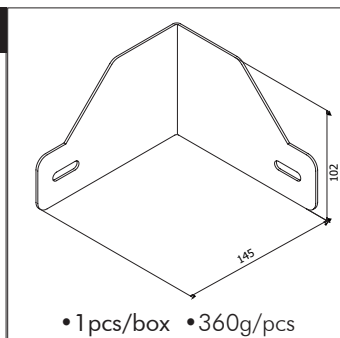
## ELEMENTI BQ

Trattamento superficiale: cataforesi nera

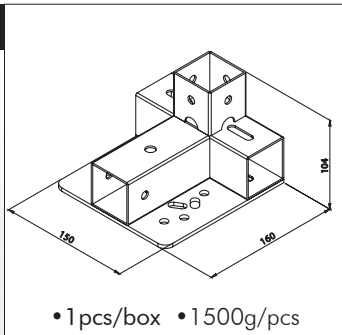
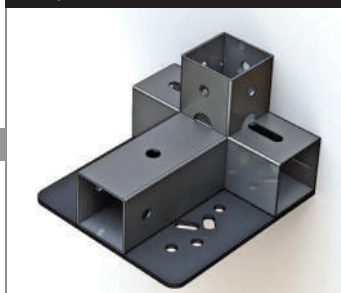
**BQ01**



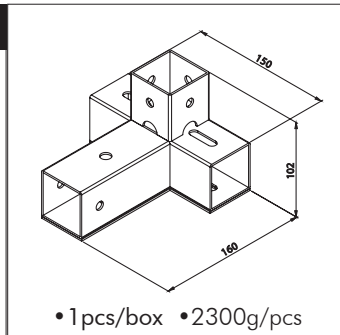
**BQ02**



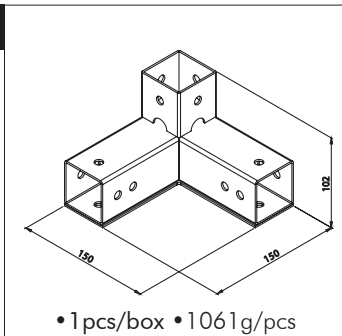
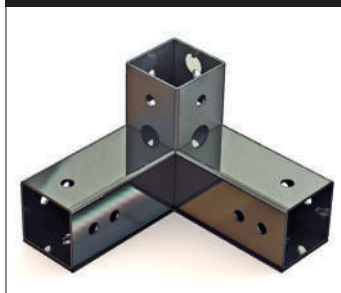
**BQ03**



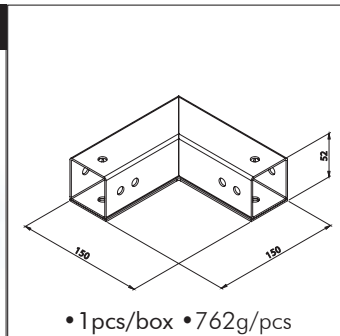
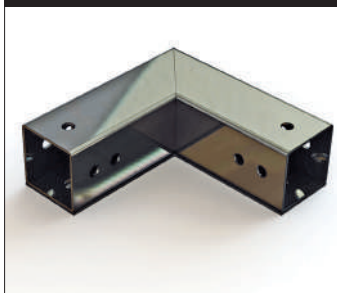
**BQ04**



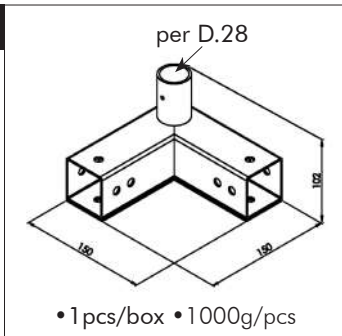
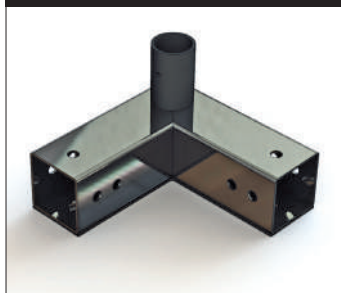
**BQ06**



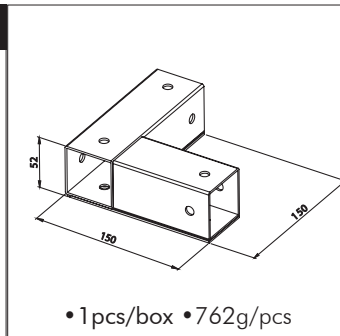
**BQ07**



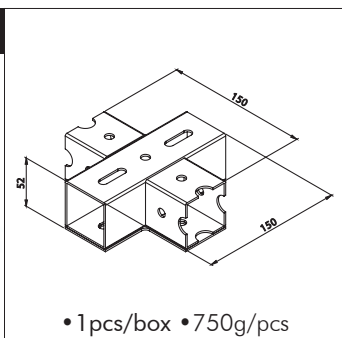
**BQ08**



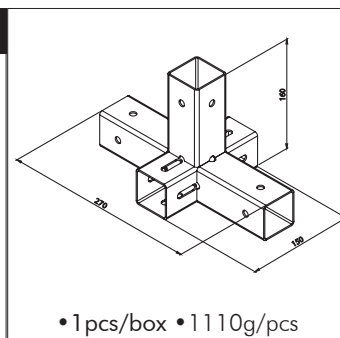
**BQ09**



**BQ10**



**BQ11**



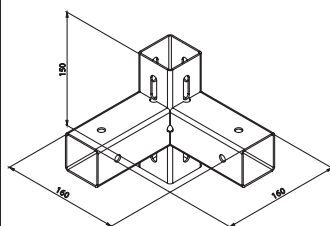


# SISTEMA MODULARE HIGH LOAD 45x45

## ELEMENTI BQ

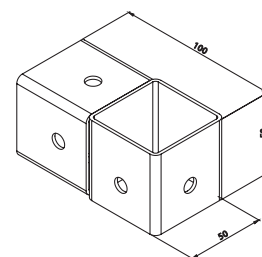
Trattamento superficiale: cataforesi nera

### BQ12



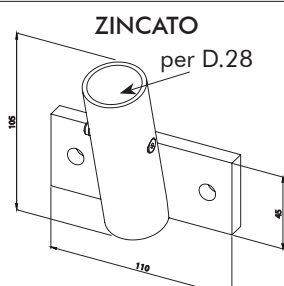
•1pcs/box •1026g/pcs

### BQ13



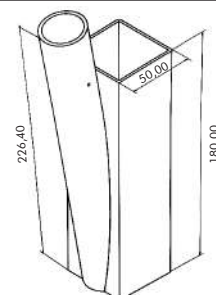
•1pcs/box •500g/pcs

### BQ14



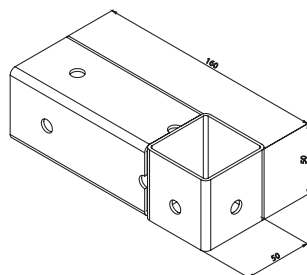
•1pcs/box •500g/pcs

### BQ15



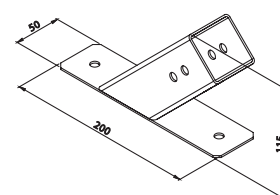
•1pcs/box •846g/pcs

### BQ16



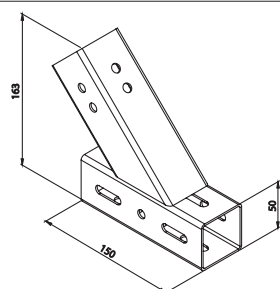
•1pcs/box •600g/pcs

### BQ17



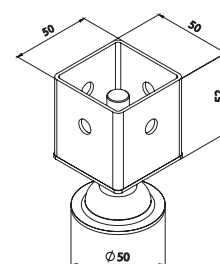
•1pcs/box •750g/pcs

### BQ18



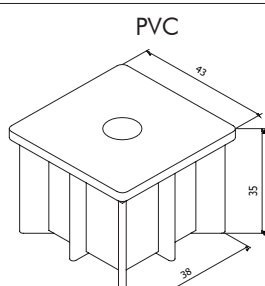
•1pcs/box •800g/pcs

### BQ19



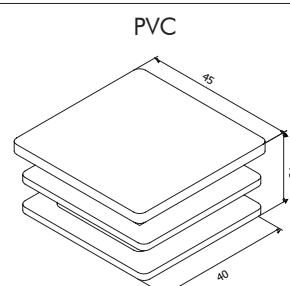
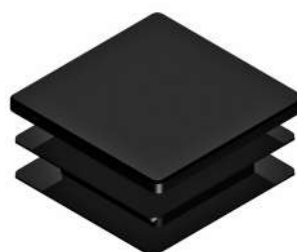
•1pcs/box •300g/pcs

### BQ-M12



•1pcs/box •50-g/pcs

### BQ-TP



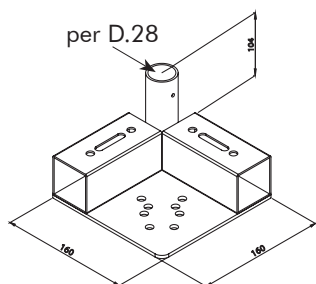
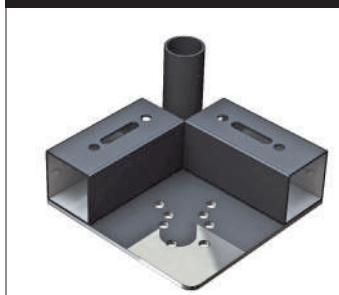
•1pcs/box •30g/pcs

# SISTEMA MODULARE HIGH LOAD 45x45

## ELEMENTI BR

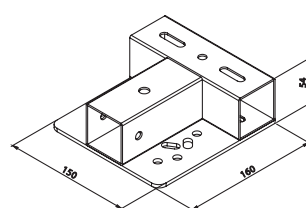
Trattamento superficiale: cataforesi nera

### BR01



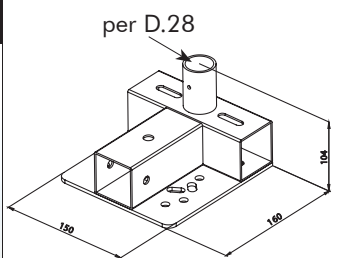
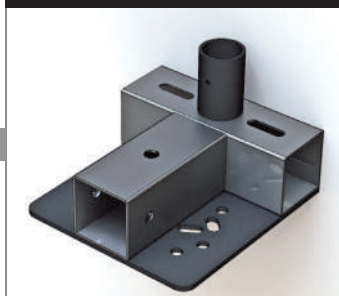
•1pcs/box •1544g/pcs

### BR02



•1pcs/box •1370g/pcs

### BR03

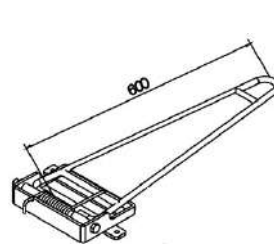


•1pcs/box •1300g/pcs

### BR06



### ZINCATO

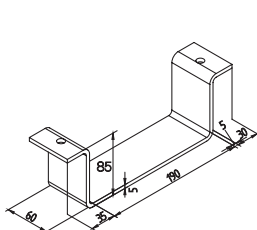


•1pcs/box •4246g/pcs

### MT-5100



### ZINCATO

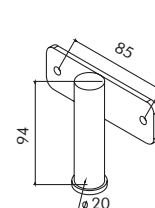


•100pcs/box •70g/pcs

### BR04

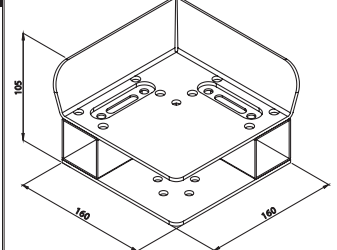


### ZINCATO



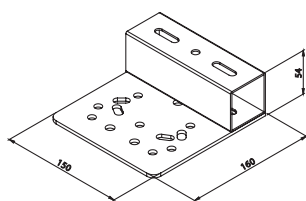
•1pcs/box •972g/pcs

### BR07



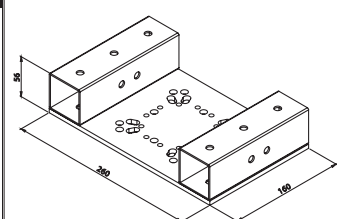
•1pcs/box •2530g/pcs

### BR08



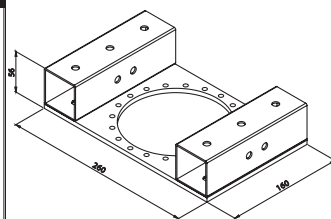
•1pcs/box •1015g/pcs

### BR09A



•1pcs/box •2144g/pcs

### BR09B



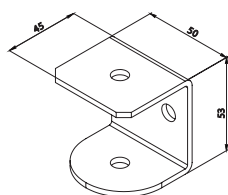
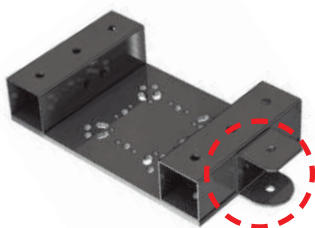
•1pcs/box •1800g/pcs

# SISTEMA MODULARE HIGH LOAD 45x45

## ELEMENTI BR

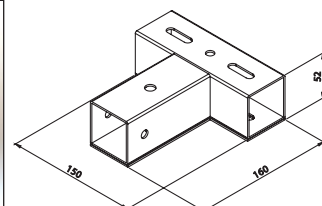
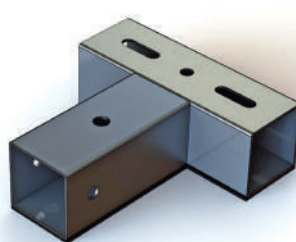
Trattamento superficiale: cataforesi nera

### BR09C



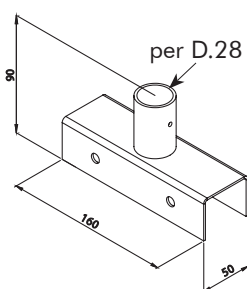
•1pcs/box •2244g/pcs

### BR10



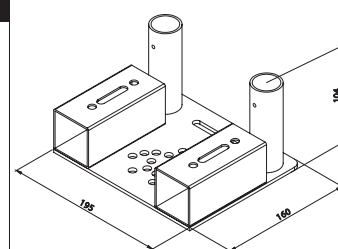
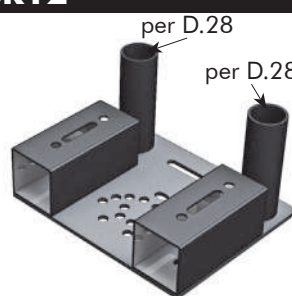
•1pcs/box •1200g/pcs

### BR11



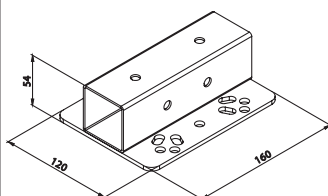
•1pcs/box •500g/pcs

### BR12



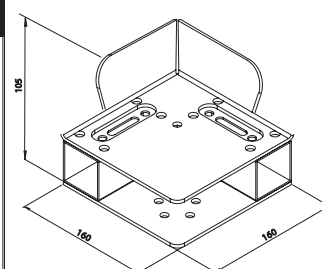
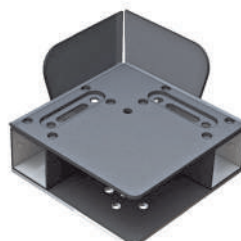
•1pcs/box •2500g/pcs

### BR13



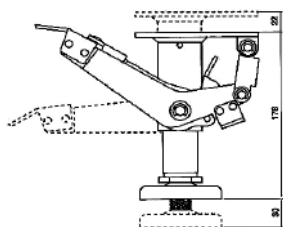
•1pcs/box •1015g/pcs

### BR14



•1pcs/box •2530g/pcs

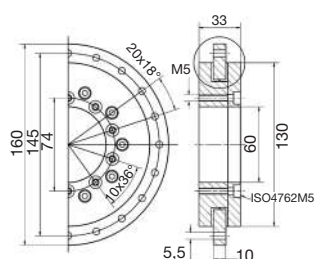
### MT-5148



•1pcs/box •1137g/pcs

| CODICE    | Ø RUOTA<br>(pollici) | Ø RUOTA<br>(mm) |
|-----------|----------------------|-----------------|
| MT-5148-4 | 4"                   | 100             |
| MT-5148-5 | 5"                   | 125             |
| MT-5148-6 | 6"                   | 150             |

### RL-130

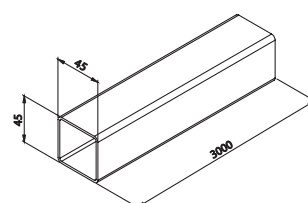


•1pcs/box •300g/pcs

### BR-4545-T2



Spessore 2 mm



•1pcs/box •7900g/pcs