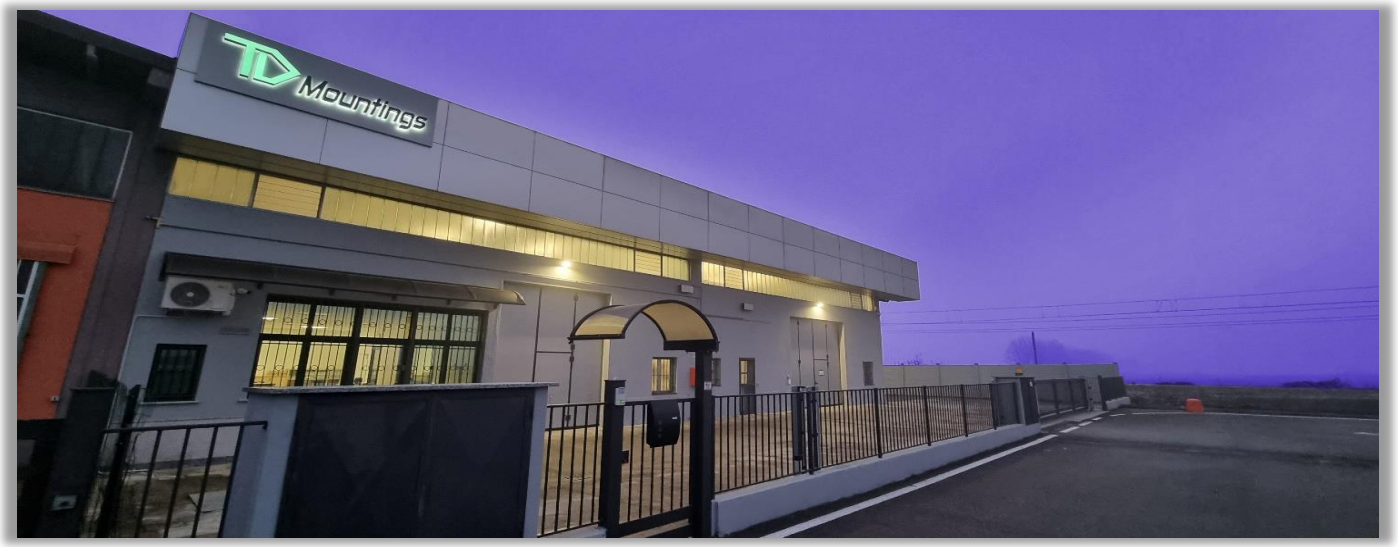


# Fissaggi per cilindri pneumatici

# Mounting parts for pneumatic cylinders

TD Mountings s.r.l.

QUALITY SYSTEM CERTIFICATION DNV ISO 9001




**Sede Operativa** Headquarters











**Uffici** Office





**Assemblaggio** Assembly area









**Magazzino** Warehouse









**Produzione** Production

# MISSION

- Prodotti di alta qualità a prezzi competitivi
- Pezzi sempre disponibili a magazzino
- Consegne veloci
- Packaging personalizzati
- Ottimo rapporto qualità/prezzo
- Esaudire richieste speciali del Cliente con prodotti e specifiche on-demand

I prodotti che offriamo sono solo l'inizio della collaborazione tra noi e i Clienti, infatti il nostro obiettivo principale, e a lungo termine, è la massima e costante soddisfazione del Cliente.

Per far ciò non ci limitiamo a vendere "solo" un prodotto, ma siamo sempre al fianco del Cliente, sia prima che dopo la vendita, in modo da esaudire e soddisfare tutte le richeste.

Il personale dell'Azienda vanta un'esperienza di oltre 30 anni nel settore dei fissaggi per cilindri pneumatici. La nostra grande professionalità e la conoscenza dei prodotti sono i nostri punti di forza e rappresentiamo una presenza innovativa nel mercato.

Il know-how ha permesso alla TD Mountings di sviluppare un prodotto di risultato qualitativo alto, sia dal punto di vista dell'elevata affidabilità dei materiali utilizzati, che nella precisione delle lavorazioni in outsourcing e nelle soluzioni tecnologiche.

- High quality products at competitive prices
- Stock always available
- Quick deliveries
- Customized packaging
- Excellent value for money
- Satisfaction of special Customers' requests with products and hallmarks on demand

Products offer is only the beginning of a mutual cooperation between the company and our Customers, main goal is their long-term satisfaction, as we do not simply sell a product, but we work to grant a full-scale gratification.

Our Company boasts over 30 years of experience in the segment of mounting parts for pneumatic cylinders.

Our professionalism and know-how are the main key factors, TD Mountings represents an innovative presence in the market.

TD Mountings has developed high quality products in terms of great quality results, reliability of the used materials, precision mechanics in outsourcing and technological solutions.

# CERTIFICAZIONE

## CERTIFICATION



DNV

CERTIFICATO DI SISTEMA DI GESTIONE

Certificato n.: 170452-2014-AQ-ITA-ACCREDIA | Data Prima Emissione: 09 gennaio 2015 | Validità: 10 gennaio 2024 – 09 gennaio 2027

Si certifica che il sistema di gestione di
**TD MOUNTINGS S.r.l.**
Viale Cesare Battisti, 29 - 24047 Treviglio (BG) - Italia
e i siti come elencati nell'Appendice che accompagna questo certificato

È conforme allo Standard:
**ISO 9001:2015**

Questa certificazione è valida per il seguente campo applicativo:
**Produzione e commercializzazione di fissaggi per cilindri pneumatici. (IAF: 17)**

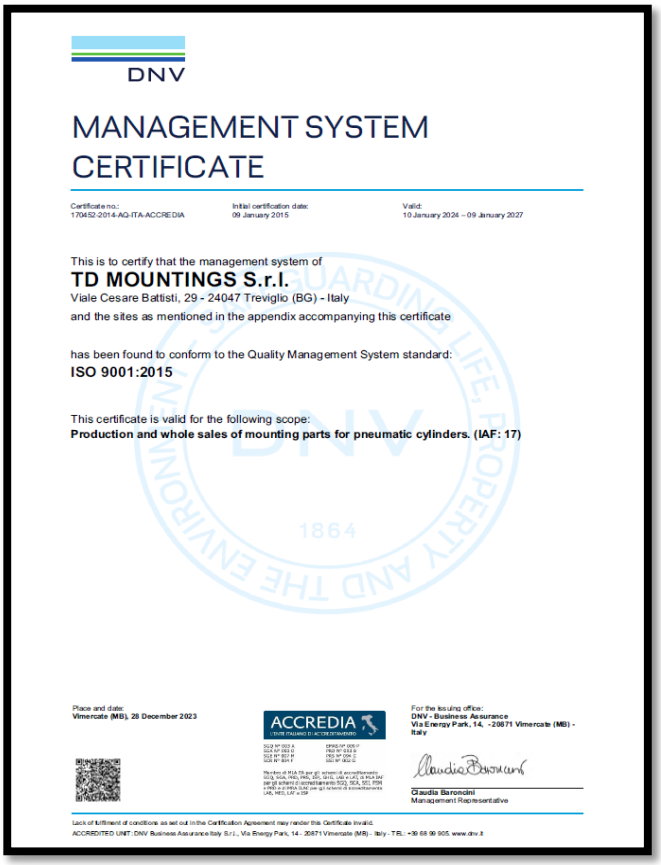
Luogo e Data: **Vimercate (MB), 28 dicembre 2023**

ACCREDIA

Per l'Organismo di Certificazione:
**DNV - Business Assurance**
**Via Energy Park, 14, - 20871 Vimercate (MB) - Italy**

**Claudia Baroncini**
Management Representative

Il mancato rispetto delle condizioni stabilite nel regolamento di certificazione potrebbe invalidare il certificato.
UNITA' ACCREDITATA: DNV Business Assurance Italy S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 68 99 905. www.dnv.it



DNV

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 170452-2014-AQ-ITA-ACCREDIA | Initial certification date: 09 January 2015 | Valid: 10 January 2024 – 09 January 2027

This is to certify that the management system of
**TD MOUNTINGS S.r.l.**
Viale Cesare Battisti, 29 - 24047 Treviglio (BG) - Italy
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
**ISO 9001:2015**

This certificate is valid for the following scope:
**Production and whole sales of mounting parts for pneumatic cylinders. (IAF: 17)**

Place and date: **Vimercate (MB), 28 December 2023**

ACCREDIA

For the issuing office:
**DNV - Business Assurance**
**Via Energy Park, 14, - 20871 Vimercate (MB) - Italy**

**Claudia Baroncini**
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV Business Assurance Italy S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 68 99 905. www.dnv.it

**Siamo certificati secondo la normativa UNI EN ISO 9001:2015 e ci teniamo a sottolineare che tale Certificazione è stata rilasciata da uno dei più rinomati enti Mondiali, ossia DNV.**

**Il nostro Sistema Qualità è stato creato in modo da tenere sotto controllo tutte le fasi del processo, dall'accettazione fino alla spedizione, passando per la produzione e lo stoccaggio a magazzino. Per la produzione e il controllo dei nostri prodotti utilizziamo macchinari e strumenti di misura all'avanguardia e fornitori qualificati specializzati.**

We are certified according to UNI EN ISO 9001:2015 Norm and we wish to highlight that DNV, one of the most renowned worldwide Companies, has issued this specific certification.

Our Quality System is set to hold in check all process steps, from items acceptance to their delivery, from production phase up to their stocking at the warehouse.
For production and products supervision we use advanced equipment and measuring tools as well as skilled qualified suppliers.

# INDICE

## CONTENTS


| Cod. | | | | | Pag. |
|---|---|---|---|---|---|
| S11 | **Cerniera femmina MP2**<br>Female hinge MP2 | ISO 15552 | Acciaio | Steel | 5 |
| S12 | **Cerniera maschio MP4**<br>Male hinge MP4 | | | | 6 |
| S13 | **Articolazione a squadra Cetop RP107P**<br>Square joint Cetop RP107P | | | | 7 |
| S10 | **Perno ISO**<br>Pin ISO | | | | 8 |
| S01 | **Articolazione a squadra con testina snodata DIN 648K**<br>Square joint with spherical head DIN 648K | | | | 9 |
| S02 | **Cerniera femmina stretta**<br>Narrow female hinge | | | | 10 |
| S03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | | | | 11 |
| S04 | **Perno antirotazione**<br>Pin antirotation | | | | 12 |
| S05 | **Flangia MF1-MF2**<br>Flange MF1-MF2 | | | | 13 |
| S06 | **Supporto per cerniera intermedia**<br>Support for intermediate hinge | | | | 14 |
| S07 | **Piedino basso MS1**<br>Low-rise pedestal MS1 | | | | 15 |
| S18 | **Cerniera anteriore-posteriore MT5/MT6**<br>Front-rear hinge MT5/MT6 | | | | 16 |
| S08 | **Cerniera intermedia MT4**<br>Intermediate hinge MT4 | | | | 17 |
| S09 | **Cerniera intermedia regolabile MT4**<br>Intermediate hinge adjustable MT4 | | | | 18 |
| S19 | **Cerniera intermedia sagomata Eural**<br>Intermediate hinge shaped Eural | | | | 19 |
| S20 | **Cerniera intermedia quadrata**<br>Intermediate hinge square | | | | 20 |
| A11 | **Cerniera femmina MP2 con bussole**<br>Female hinge MP2 with bushes | ISO 15552 | Alluminio | Aluminium | 23 |
| A12 | **Cerniera maschio MP4 con bussole**<br>Male hinge MP4 with bushes | | | | 24 |
| A13 | **Articolazione a squadra Cetop RP107P con bussole**<br>Square joint Cetop RP107P with bushes | | | | 25 |
| S10<br>S04 | **Perno ISO e Perno antirotazione**<br>Pin ISO and Pin antirotation | | | | 26 |
| A02 | **Cerniera femmina stretta**<br>Narrow female hinge | | | | 27 |
| A03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | | | | 28 |
| A22 | **Cerniera maschio MP4 con bussole per Compatti**<br>Male hinge MP4 with bushes for Compact | | | | 29 |

# INDICE

## CONTENTS


| Cod. | | | | | Pag. |
|---|---|---|---|---|---|
| I11 | **Cerniera femmina MP2**<br>Female hinge MP2 | ISO 15552 | Inox | Stainless Steel | 31 |
| I12 | **Cerniera maschio MP4**<br>Male hinge MP4 | | | | 32 |
| I13 | **Articolazione a squadra Cetop RP107P**<br>Square joint Cetop RP107P | | | | 33 |
| I10 | **Perno ISO**<br>Pin ISO | | | | 34 |
| I01 | **Articolazione a squadra con testina snodata DIN 648K**<br>Square joint with spherical head DIN 648K | | | | 35 |
| I02 | **Cerniera femmina stretta**<br>Narrow female hinge | | | | 36 |
| I03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | | | | 37 |
| I04 | **Perno antirotazione**<br>Pin antirotation | | | | 38 |
| I05 | **Flangia MF1-MF2**<br>Flange MF1-Mf2 | | | | 39 |
| I07 | **Piedino basso MS1**<br>Low-rise pedestal MS1 | | | | 40 |
| I09 | **Cerniera intermedia regolabile MT4**<br>Intermediate hinge adjustable MT4 | | | | 41 |
| S14 | **Flangia**<br>Flange | ISO 6432 | Acciaio | Steel | 43 |
| S15 | **Piedino**<br>Pedestal | | | | 44 |
| S16 | **Cerniera femmina (con perno)**<br>Female hinge (with pin) | | | | 45 |
| I14 | **Flangia**<br>Flange | ISO 6432 | Inox | Stainless Steel | 47 |
| I15 | **Piedino**<br>Pedestal | | | | 48 |
| I16 | **Cerniera femmina (con perno)**<br>Female hinge (with pin) | | | | 49 |

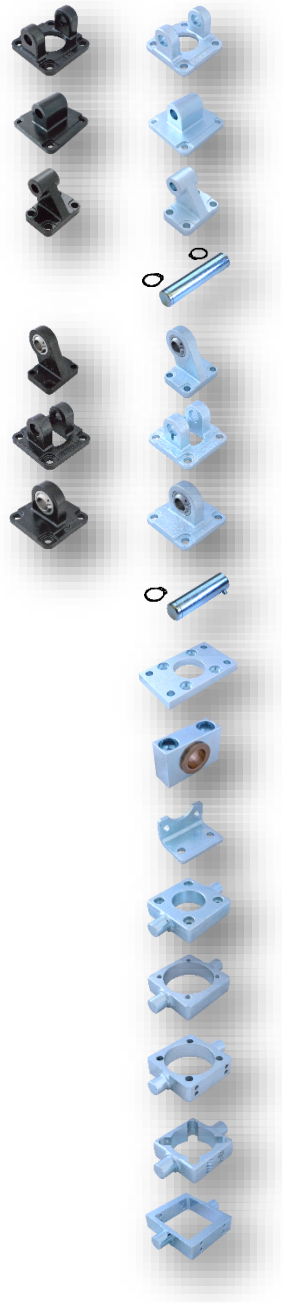
# INDICE

## CONTENTS


| Cod. | | | | Pag. |
|---|---|---|---|---|
| S41 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con clip)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with clip) | Acciaio | Steel | 51 |
| S41 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con perno)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with pin) | | | 52 |
| S42 | **Articolazione a squadra Cetop RP107P stretta per forcella DIN 71752**<br>Narrow square joint Cetop RP107P for fork DIN 71752 | | | 53 |
| S43 | **Testa a snodo DIN ISO 12240-4 serie K - Filetto ISO 8139 Cetop**<br>Rod end bearing DIN ISO 12240-4 K series - Thread ISO 8139 Cetop | | | 54 |
| S44 | **Dado esagonale UNI 5589 DIN 936**<br>Hexagonal nut UNI 5589 DIN 936 | | | 55 |
| S45 | **Snodo autoallineante**<br>Self-aligning joint | | | 56 |
| S46 | **Flangia autoallineante**<br>Self-aligning flange | | | 57 |
| I41 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con perno)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with pin) | Inox | Stainless Steel | 59 |
| I42 | **Articolazione a squadra Cetop RP107P stretta per forcella DIN 71752**<br>Narrow square joint Cetop RP107P for fork DIN 71752 | | | 60 |
| I43 | **Testa a snodo DIN ISO 12240-4 serie K - Filetto ISO 8139 Cetop**<br>Rod end bearing DIN ISO 12240-4 K series - Thread ISO 8139 Cetop | | | 61 |
| I44 | **Dado esagonale UNI 5589 DIN 936**<br>Hexagonal nut UNI 5589 DIN 936 | | | 62 |
| | **Come ordinare**<br>How to order | | | 63 |
| | **Confezionamento**<br>Packaging | | | 64 |
| | **Materiali - Tipologia e caratteristiche**<br>Materials - Types and characteristics | | | 65 |
| | **Trattamenti superficiali**<br>Surface treatments | | | 66 |

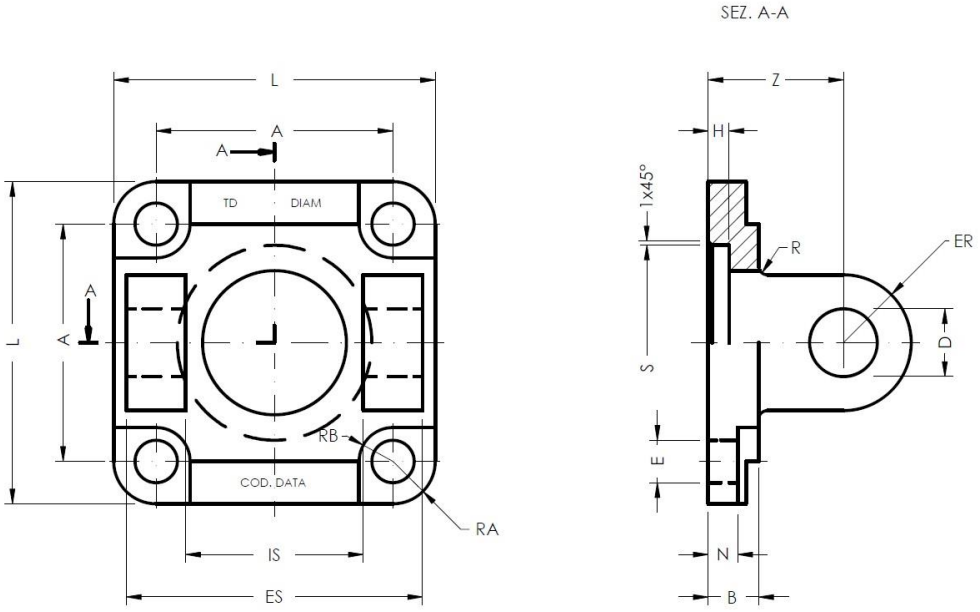
# ISO 15552
# ACCIAIO
# ISO 15552
# STEEL


| Cod. | | Pag. |
|---|---|---|
| S11 | **Cerniera femmina MP2**<br>Female hinge MP2 | 5 |
| S12 | **Cerniera maschio MP4**<br>Male hinge MP4 | 6 |
| S13 | **Articolazione a squadra Cetop RP107P**<br>Square joint Cetop RP107P | 7 |
| S10 | **Perno ISO**<br>Pin ISO | 8 |
| S01 | **Articolazione a squadra con testina snodata DIN 648K**<br>Square joint with spherical head DIN 648K | 9 |
| S02 | **Cerniera femmina stretta**<br>Narrow female hinge | 10 |
| S03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | 11 |
| S04 | **Perno antirotazione**<br>Pin antirotation | 12 |
| S05 | **Flangia MF1-MF2**<br>Flange MF1-MF2 | 13 |
| S06 | **Supporto per cerniera intermedia**<br>Support for intermediate hinge | 14 |
| S07 | **Piedino basso MS1**<br>Low-rise pedestal MS1 | 15 |
| S18 | **Cerniera anteriore-posteriore MT5/MT6**<br>Front-rear hinge MT5/MT6 | 16 |
| S08 | **Cerniera intermedia MT4**<br>Intermediate hinge MT4 | 17 |
| S09 | **Cerniera intermedia regolabile MT4**<br>Intermediate hinge adjustable MT4 | 18 |
| S19 | **Cerniera intermedia sagomata Eural**<br>Intermediate hinge shaped Eural | 19 |
| S20 | **Cerniera intermedia quadrata**<br>Intermediate hinge square | 20 |

FEMALE HINGE MP2

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B 0 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB +0.5 0 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 45 | 26 | 32.5 | 22 | 5 | 8 | 5.5 | 30 | 10 | 6.6 | 5.5 | 10 | 6.25 | 2 | |
| 40 | 55 | 52 | 28 | 38 | 25 | 5 | 8 | 5.5 | 35 | 12 | 6.6 | 5.5 | 12 | 8.5 | 2 | |
| 50 | 65 | 60 | 32 | 46.5 | 27 | 5 | 10 | 6.5 | 40 | 12 | 9 | 7.5 | 12 | 9.25 | 3 | |
| 63 | 75 | 70 | 40 | 56.5 | 32 | 5 | 10 | 6.5 | 45 | 16 | 9 | 7.5 | 15 | 9.25 | 3 | |
| 80 | 95 | 90 | 50 | 72 | 36 | - | 13 | 10 | 45 | 16 | 11 | 9 | 15 | 11.5 | 4 | |
| 100 | 115 | 110 | 60 | 89 | 41 | - | 13 | 10 | 55 | 20 | 11 | 9 | 20 | 13 | 4 | |
| 125 | 140 | 130 | 70 | 110 | 50 | - | 16 | 10 | 60 | 25 | 13.5 | 10 | 25 | 15 | 5 | |
| 160 | 180 | 170 | 90 | 140 | 55 | - | 20 | 10 | 65 | 30 | 18 | 13 | 25 | 20 | 5 | |
| 200 | 220 | 170 | 90 | 175 | 60 | - | 20 | 11 | 75 | 30 | 18 | 13 | 25 | 22 | - | |
| 250 | 270 | 200 | 110 | 220 | 70 | - | 25 | 11 | 90 | 40 | 22 | 16.5 | 40 | 25 | - | |
| 320 | 350 | 220 | 120 | 270 | 80 | - | 30 | 15 | 110 | 45 | 26 | 19.5 | 45 | 40 | - | ON DEMAND |

S11





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,115 | S11032 |
| 40 | 0,200 | S11040 |
| 50 | 0,305 | S11050 |
| 63 | 0,460 | S11063 |
| 80 | 0,910 | S11080 |
| 100 | 1,535 | S11100 |
| 125 | 2,890 | S11125 |
| 160 | 4,750 | S11160 |
| 200 | 7,800 | S11200 |
| 250 | 15,600 | S11250 |
| 320 | | S11320 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

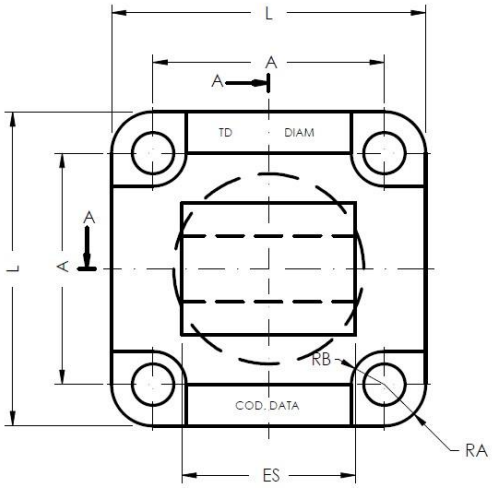
TREATMENT: BLACK CATAPHORESIS *

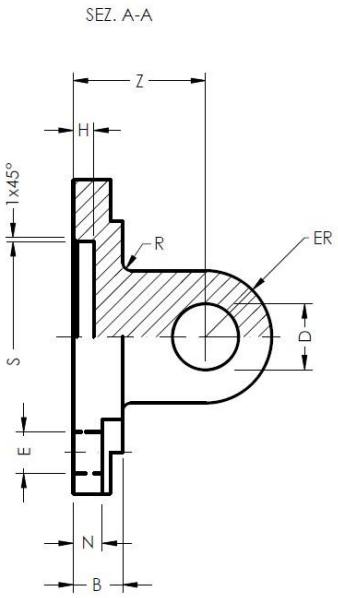
MATERIALE: ACCIAIO

MATERIAL: STEEL

MALE HINGE MP4

ISO 15552




| DIAM. | L +0.5 -0.5 | ES -0.2 -0.6 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B 0 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB +0.5 0 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 26 | 32.5 | 22 | 5 | 8 | 5.5 | 30 | 10 | 6.6 | 5.5 | 10 | 6.25 | 2 | |
| 40 | 55 | 28 | 38 | 25 | 5 | 8 | 5.5 | 35 | 12 | 6.6 | 5.5 | 12 | 8.5 | 2 | |
| 50 | 65 | 32 | 46.5 | 27 | 5 | 10 | 6.5 | 40 | 12 | 9 | 7.5 | 12 | 9.25 | 3 | |
| 63 | 75 | 40 | 56.5 | 32 | 5 | 10 | 6.5 | 45 | 16 | 9 | 7.5 | 15 | 9.25 | 3 | |
| 80 | 95 | 50 | 72 | 36 | 5 | 13 | 10 | 45 | 16 | 11 | 9 | 15 | 11.5 | 4 | |
| 100 | 115 | 60 | 89 | 41 | 5 | 13 | 10 | 55 | 20 | 11 | 9 | 20 | 13 | 4 | |
| 125 | 140 | 70 -0.5 -1.2 | 110 | 50 | 7 | 16 | 10 | 60 | 25 | 13.5 | 10 | 25 | 15 | 5 | |
| 160 | 180 | 90 -0.5 -1.2 | 140 | 55 | 7 | 20 | 10 | 65 | 30 | 18 | 13 | 25 | 20 | 5 | |
| 200 | 220 | 90 -0.5 -1.2 | 175 | 60 | 7 | 20 | 11 | 75 | 30 | 18 | 13 | 25 | 22 | - | |
| 250 | 270 | 110 -0.5 -1.2 | 220 | 70 | 11 | 25 | 11 | 90 | 40 | 22 | 16.5 | 40 | 25 | - | |
| 320 | 350 | 120 -0.5 -1.2 | 270 | 80 | 11 | 30 | 15 | 110 | 45 | 26 | 19.5 | 45 | 40 | - | ON DEMAND |

S12





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,137 | S12032 |
| 40 | 0,225 | S12040 |
| 50 | 0,333 | S12050 |
| 63 | 0,558 | S12063 |
| 80 | 1,073 | S12080 |
| 100 | 1,740 | S12100 |
| 125 | 3,030 | S12125 |
| 160 | 5,100 | S12160 |
| 200 | 8,500 | S12200 |
| 250 | 17,100 | S12250 |
| 320 | | S12320 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

TREATMENT: BLACK CATAPHORESIS *

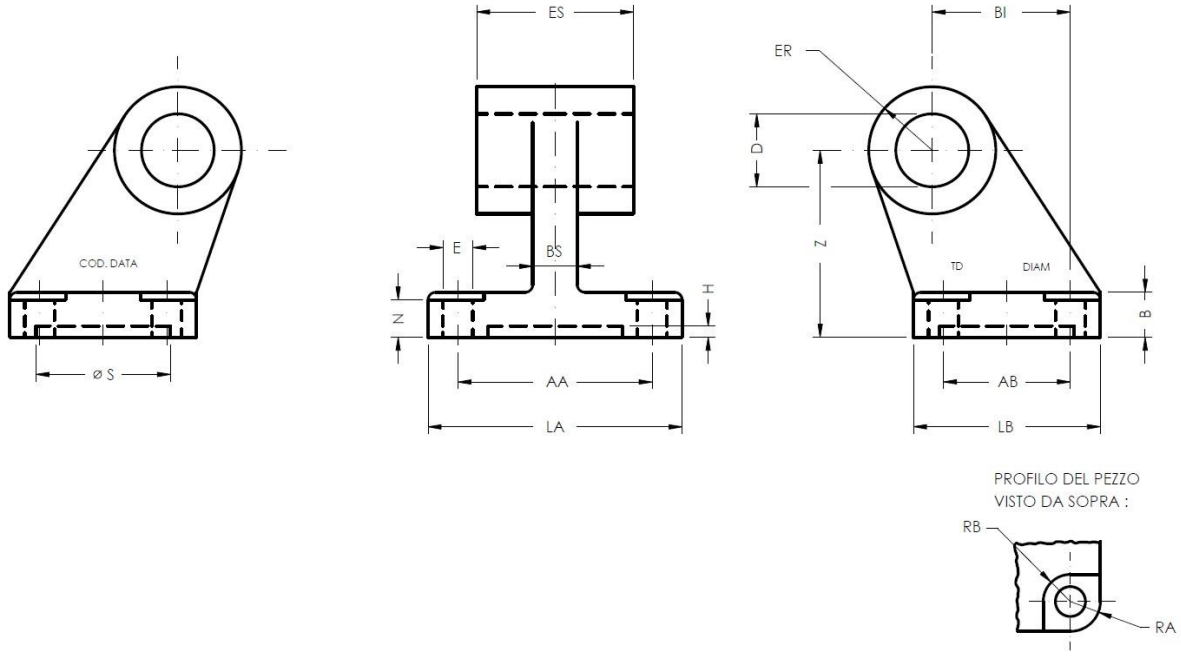


MATERIALE: ACCIAIO

MATERIAL: STEEL

SQUARE JOINT CETOP RP107P

ISO 15552




| DIAM. | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B +0.5 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | ES -0.2 -0.6 | D H9 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS | RA +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 6.6 | 5.5 | 18 | 31 | 21 | 8 | 32 | 38 | 51 | 10 | 26 | 10 | 6.5 | 20 | 5 | 8.5 | 6.5 | |
| 40 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 11 | 28 | 12 | 8.5 | 25 | 5 | 10 | 6.5 | |
| 50 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 13 | 32 | 12 | 10.5 | 30 | 5 | 13.5 | 7.5 | |
| 63 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 15 | 40 | 16 | 10.5 | 35 | 5 | 13.5 | 7.5 | |
| 80 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 15 | 50 | 16 | 11.5 | 45 | 5 | 15 | 10 | |
| 100 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 18 | 60 | 20 | 12.5 | 55 | 5 | 15 | 10 | |
| 125 | 13.5 | 10 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 22 | $70^{-0.5}_{-1.2}$ | 25 | 17 | 35 | 11 | 48 | 7 | SOLO CATAFORESI / ONLY CATAPHORESIS |
| 160 | 14 | 20 | 88 | 126 | 97 | 25 | 115 | 118 | 156 | 31.5 | $90^{-0.5}_{-1.2}$ | 30 | 21 | 55 | 12 | 70 | 10 | SOLO CATAFORESI / ONLY CATAPHORESIS |
| 200 | 18 | 26 | 90 | 130 | 105 | 30 | 135 | 122 | 162 | 31.5 | $90^{-0.5}_{-1.2}$ | 30 | 26 | 55 | 14 | 70 | 15 | SOLO CATAFORESI / ONLY CATAPHORESIS |

S13





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,142 | S13032 |
| 40 | 0,206 | S13040 |
| 50 | 0,400 | S13050 |
| 63 | 0,510 | S13063 |
| 80 | 0,820 | S13080 |
| 100 | 1,212 | S13100 |
| 125 | 1,880 | S13125 |
| 160 | 5,115 | S13160 |
| 200 | 6,510 | S13200 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

TREATMENT: BLACK CATAPHORESIS *

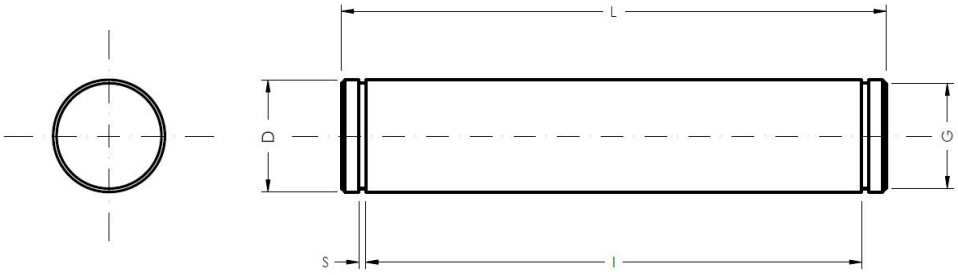


MATERIALE: ACCIAIO

MATERIAL: STEEL

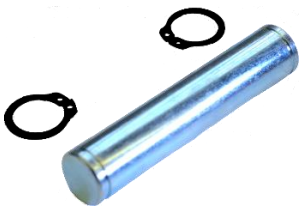
PIN ISO

ISO
15552




| Diam. | D<br>e8 | G<br>h11 | S<br>H13 | L<br>+0.5<br>-0.5 | l<br>+0.3<br>0 | Note |
|---|---|---|---|---|---|---|
| 32 | 10 | 9.6 | 1.1 | 53 | 46 | |
| 40 | 12 | 11.5 | 1.1 | 60 | 53 | |
| 50 | 12 | 11.5 | 1.1 | 68 | 61 | |
| 63 | 16 | 15.2 | 1.1 | 78 | 71 | |
| 80 | 16 | 15.2 | 1.1 | 98 | 91 | |
| 100 | 20 | 19 | 1.3 | 118 | 111 | |
| 125 | 25 | 23.9 | 1.3 | 139 | 132 | |
| 160-200 | 30 | 28.6 | 1.6 | 180 | 172 | |
| 250 | 40 | 37.5 | 1.85 | 211 | 202 | |
| 320 | 45 | 42.5 | 1.85 | 234 | 222 | |

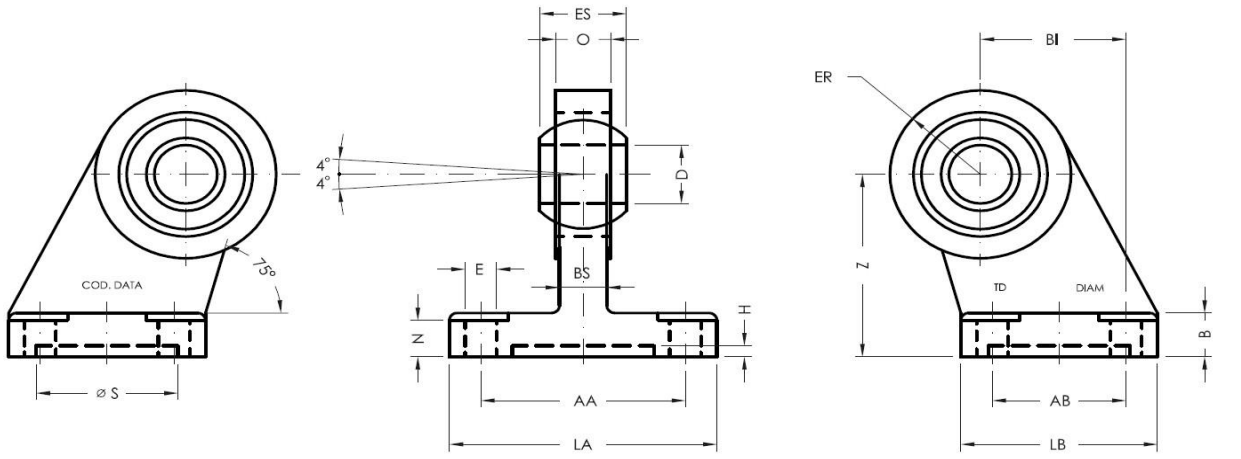
S10



| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 32 | 0,030 | S10032 |
| 40 | 0,050 | S10040 |
| 50 | 0,060 | S10050 |
| 63 | 0,120 | S10063 |
| 80 | 0,150 | S10080 |
| 100 | 0,290 | S10100 |
| 125 | 0,530 | S10125 |
| 160-200 | 0,980 | S10160 |
| 250 | 2,100 | S10250 |
| 320 | 2,980 | S10320 |

SQUARE JOINT WITH SPHERICAL HEAD DIN 648K

ISO 15552







| DIAM. | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B 0 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | O MAX | D H7 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS | RA +0.5 -0.5 | ES 0 -0.1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 6.6 | 5.5 | 18 | 31 | 21 | 10 | 32 | 38 | 51 | 15 | 10.5 | 10 | 8.5 | 20 | 5 | 8.5 | 6.5 | 14 | |
| 40 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 18 | 12 | 12 | 8.5 | 25 | 5 | 10 | 6.5 | 16 | |
| 50 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 20 | 15 | 16* | 10.5 | 30 | 5 | 13.5 | 7.5 | 21 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=12 |
| 63 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 23 | 15 | 16 | 10.5 | 35 | 5 | 13.5 | 7.5 | 21 | |
| 80 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 27 | 18 | 20* | 11.5 | 45 | 5 | 15 | 10 | 25 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=16 |
| 100 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 30 | 18 | 20 | 12.5 | 55 | 5 | 15 | 10 | 25 | |
| 125 | 13.5 | 10 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 40 | 25 | 30* | 17 | 65 | 7 | 20 | 15 | 37 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=25 |
| 160 | 14 | 10 | 88 | 125 | 97 | 25 | 115 | 118 | 156 | 42 | 28 | 35 | 21 | - | - | 30 | 19 | 43 | |
| 200 | 18 | 13 | 90 | 130 | 105 | 30 | 135 | 122 | 162 | 42 | 28 | 35 | 26 | - | - | 30 | 20 | 43 | |
| 250 | 22 | 16.5 | 110 | 160 | 128 | 35 | 165 | 150 | 200 | 52 | 35 | 40 | 31 | - | - | 35 | 25 | 49 | ON DEMAND |
| 320 | 26 | 19.5 | 122 | 180 | 150 | 40 | 200 | 170 | 230 | 62 | 45 | 50 | 36 | - | - | 45 | 30 | 60 | ON DEMAND |

S01





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,168 | S01032 |
| 40 | 0,216 | S01040 |
| 50 | 0,420 | S01050 |
| 63 | 0,520 | S01063 |
| 80 | 0,878 | S01080 |
| 100 | 1,220 | S01100 |
| 125 | 2,790 | S01125 |
| 160 | 6,200 | S01160 |
| 200 | 7,800 | S01200 |
| 250 | | S01250 |
| 320 | | S01320 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

TREATMENT: BLACK CATAPHORESIS *

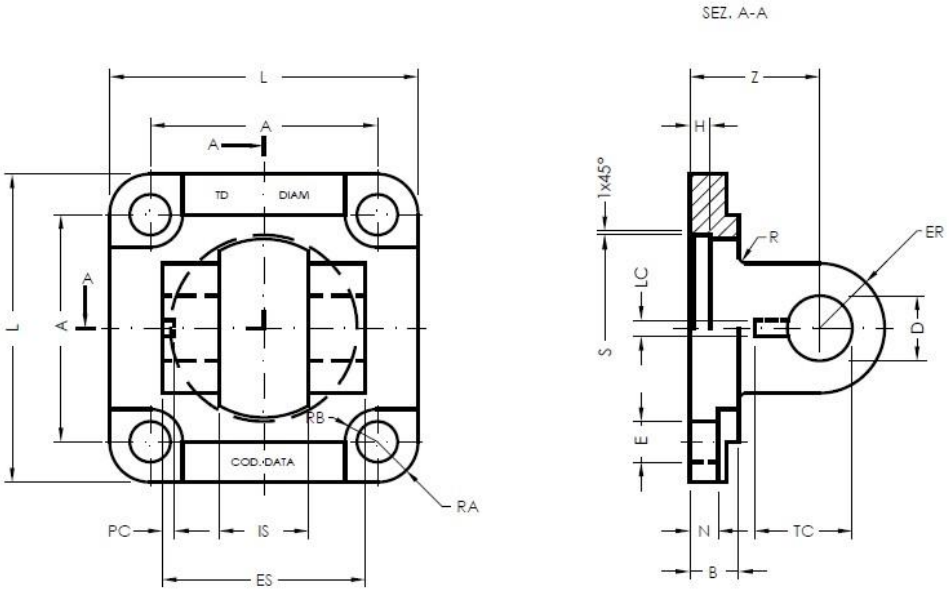


MATERIALE: ACCIAIO

MATERIAL: STEEL

NARROW FEMALE HINGE

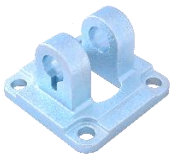
ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B 0 -0.5 | N +0.5 -0.5 | S H11 | D F7 | E H14 | RB +0.5 0 | PC +0.5 0 | LC +0.2 0 | TC 0 -0.5 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 34 | 14 | 32.5 | 22 | 5 | 8 | 5.5 | 30 | 10 | 6.6 | 5.5 | 3 | 3.3 | 16.5 | 10 | 6.25 | 2 | |
| 40 | 55 | 40 | 16 | 38 | 25 | 5 | 8 | 5.5 | 35 | 12 | 6.6 | 5.5 | 4 | 4.3 | 18 | 12 | 8.5 | 2 | |
| 50 | 65 | 45 | 21 | 46.5 | 27 | 5 | 10 | 6.5 | 40 | 16 | 9 | 7.5 | 4 | 4.3 | 23 | 15 | 9.25 | 3 | |
| 63 | 75 | 51 | 21 | 56.5 | 32 | 5 | 10 | 6.5 | 45 | 16 | 9 | 7.5 | 4 | 4.3 | 23 | 15 | 9.25 | 3 | |
| 80 | 95 | 65 | 25 | 72 | 36 | 5 | 13 | 10 | 45 | 20 | 11 | 9 | 4 | 4.3 | 27 | 20 | 11.5 | 4 | |
| 100 | 115 | 75 | 25 | 89 | 41 | 5 | 13 | 10 | 55 | 20 | 11 | 9 | 4 | 4.3 | 27 | 20 | 13 | 4 | |
| 125 | 140 | 97 | 37 | 110 | 50 | 7 | 16 | 10 | 60 | 30 | 13.5 | 10 | 6 | 6.3 | 40 | 30 | 15 | 5 | |
| 160 | 180 | 122 | 43 | 140 | 55 | 7 | 20 | 10 | 65 | 35 | 18 | 13 | 6 | 6.3 | 45 | 30 | 20 | - | |
| 200 | 220 | 122 | 43 | 175 | 60 | 7 | 20 | 11 | 75 | 35 | 18 | 13 | 6 | 6.3 | 45 | 30 | 22 | - | |
| 250 | 270 | 125 | 49 | 220 | 70 | 11 | 25 | 11 | 90 | 40 | 22 | 16.5 | 8 | 8.3 | 53 | 40 | 25 | - | ON DEMAND |
| 320 | 350 | 150 | 60 | 270 | 80 | 11 | 30 | 15 | 110 | 50 | 26 | 19.5 | 8 | 8.3 | 63 | 50 | 40 | - | ON DEMAND |

S02





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,115 | S02032 |
| 40 | 0,193 | S02040 |
| 50 | 0,302 | S02050 |
| 63 | 0,455 | S02063 |
| 80 | 1,020 | S02080 |
| 100 | 1,560 | S02100 |
| 125 | 3,200 | S02125 |
| 160 | 5,900 | S02160 |
| 200 | 8,300 | S02200 |
| 250 | | S02250 |
| 320 | | S02320 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

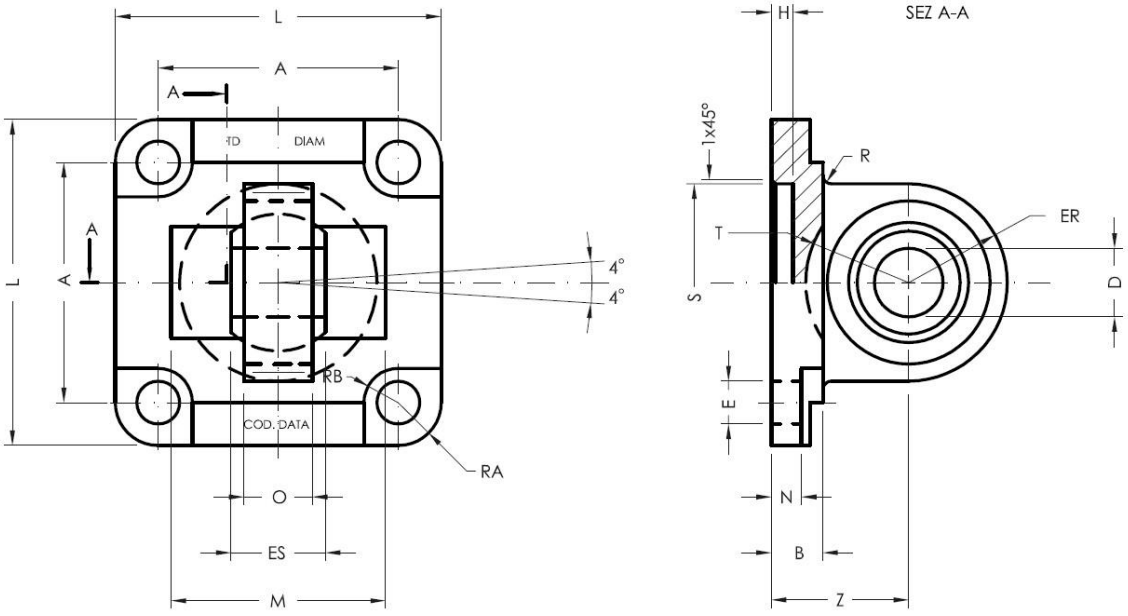
TREATMENT: BLACK CATAPHORESIS *

MATERIALE: ACCIAIO

MATERIAL: STEEL

NARROW MALE HINGE WITH SPHERICAL HEAD DIN 648K

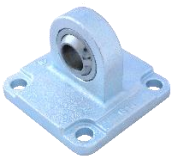
ISO 15552




| DIAM. | A +0.2 -0.2 | O MAX | Z JS15 | D H7 | ER MAX | S H11 | B 0 -0.5 | E H14 | L +0.5 -0.5 | RB +0.5 0 | N +0.5 -0.5 | H +0.5 0 | M +0.5 -0.5 | T +0.5 -0.5 | RA +0.5 -0.5 | R +0.5 -0.5 | ES 0 -0.1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 10.5 | 22 | 10 | 15 | 30 | 8 | 6.6 | 45 | 5.5 | 5.5 | 5 | - | - | 6.25 | 2 | 14 | |
| 40 | 38 | 12 | 25 | 12 | 18 | 35 | 8 | 6.6 | 55 | 5.5 | 5.5 | 5 | - | - | 8.5 | 2 | 16 | |
| 50 | 46.5 | 15 | 27 | 16* | 20 | 40 | 10 | 9 | 65 | 7.5 | 6.5 | 5 | 51 | 19 | 9.25 | 3 | 21 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=12 |
| 63 | 56.5 | 15 | 32 | 16 | 23 | 45 | 10 | 9 | 75 | 7.5 | 6.5 | 5 | - | - | 9.25 | 3 | 21 | |
| 80 | 72 | 18 | 36 | 20* | 27 | 45 | 13 | 11 | 95 | 9 | 10 | 5 | 70 | 24 | 11.5 | 4 | 25 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=16 |
| 100 | 89 | 18 | 41 | 20 | 30 | 55 | 13 | 11 | 115 | 9 | 10 | 5 | - | - | 13 | 4 | 25 | |
| 125 | 110 | 25 | 50 | 30* | 40 | 60 | 16 | 13.5 | 140 | 10 | 10 | 7 | 102 | 35 | 15 | 5 | 37 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=25 |
| 160 | 140 | 28 | 55 | 35 | 42 | 65 | 20 | 18 | 180 | 13 | 10 | 7 | - | - | 20 | - | 43 | |
| 200 | 175 | 28 | 60 | 35 | 42 | 75 | 20 | 18 | 220 | 13 | 11 | 7 | - | - | 22 | - | 43 | |
| 250 | 220 | 35 | 70 | 40 | 52 | 90 | 25 | 22 | 270 | 16.5 | 11 | 11 | - | - | 25 | - | 49 | ON DEMAND |
| 320 | 270 | 45 | 80 | 50 | 62 | 110 | 30 | 26 | 350 | 19.5 | 15 | 11 | 170 | 56 | 40 | - | 60 | ON DEMAND |

S03





| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,126 | S03032 |
| 40 | 0,207 | S03040 |
| 50 | 0,332 | S03050 |
| 63 | 0,485 | S03063 |
| 80 | 1,005 | S03080 |
| 100 | 1,468 | S03100 |
| 125 | 3,040 | S03125 |
| 160 | 6,100 | S03160 |
| 200 | 8,800 | S03200 |
| 250 | | S03250 |
| 320 | | S03320 |

* DISPONIBILE ANCHE CON TRATTAMENTO DI ZINCATURA BIANCA / AVAILABLE ALSO WITH TREATMENT OF WHITE ZINC COATING

TRATTAMENTO: CATAFORESI NERA *

TREATMENT: BLACK CATAPHORESIS *

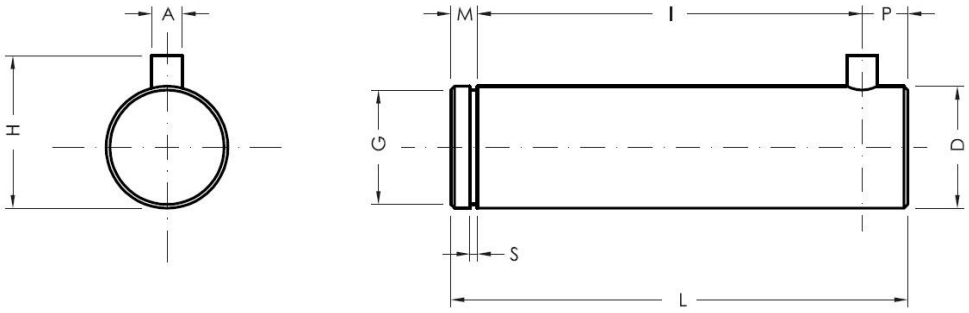


MATERIALE: ACCIAIO

MATERIAL: STEEL

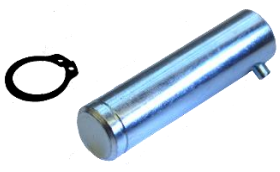
PIN ANTIROTATION

ISO
15552




| DIAM. | A H12 | H 0 -0.5 | D e8 | G h11 | S H13 | L +0.5 -0.5 | I +0.5 +0.3 | M +0.2 -0.2 | P 0 -1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 3 | 14 | 10 | 9.6 | 1.1 | 41 | 32.5 | 4 | 4.5 | |
| 40 | 4 | 16 | 12 | 11.5 | 1.1 | 48 | 38 | 4 | 6 | |
| 50 | 4 | 20 | 16 | 15.2 | 1.1 | 54 | 43 | 5 | 6 | |
| 63 | 4 | 20 | 16 | 15.2 | 1.1 | 60 | 49 | 5 | 6 | |
| 80 | 4 | 24 | 20 | 19 | 1.3 | 75 | 63 | 6 | 6 | |
| 100 | 4 | 24 | 20 | 19 | 1.3 | 85 | 73 | 6 | 6 | |
| 125 | 6 | 36 | 30 | 28.6 | 1.6 | 110 | 94 | 7 | 9 -2 | |
| 160-200 | 6 | 41 | 35 | 33 | 1.6 | 135 | 119 | 7 | 9 -2 | |
| 250 | 8 | 48 | 40 | 37.5 | 1.85 | 140 | 121 | 7 | 12 -2 | ON DEMAND |
| 320 | 8 | 58 | 50 | 42.5 | 1.85 | 165 | 146 | 7 | 12 -2 | ON DEMAND |

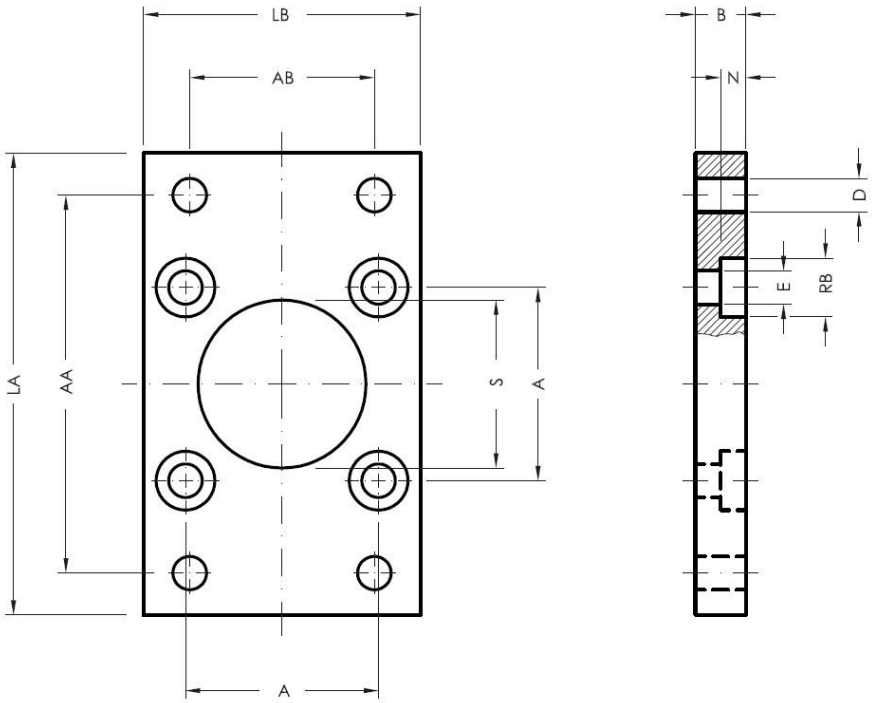
S04



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,025 | S04032 |
| 40 | 0,042 | S04040 |
| 50 | 0,085 | S04050 |
| 63 | 0,095 | S04063 |
| 80 | 0,185 | S04080 |
| 100 | 0,210 | S04100 |
| 125 | 0,600 | S04125 |
| 160-200 | 0,970 | S04160 |
| 250 | 1,358 | S04250 |
| 320 | | S04320 |

FLANGE MF1-MF2

ISO 15552

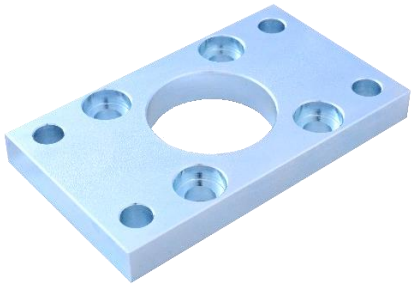



| DIAM. | A +0.2 -0.2 | E H13 | RB H13 | N +0.5 0 | AA JS14 | AB JS14 | D H13 | S H11 | LA +0.5 -0.5 | LB +0.5 -0.5 | B +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 6.6 | 10.5 | 5 | 64 | 32 | 7 | 30 | 80 | 45 | 10 | |
| 40 | 38 | 6.6 | 11 | 5 | 72 | 36 | 9 | 35 | 90 | 52 | 10 | |
| 50 | 46.5 | 9 | 15 | 5.5 | 90 | 45 | 9 | 40 | 110 | 65 | 12 | |
| 63 | 56.5 | 9 | 15 | 5.5 | 100 | 50 | 9 | 45 | 120 | 75 | 12 | |
| 80 | 72 | 11 | 18 | 8 | 126 | 63 | 12 | 45 | 150 | 95 | 16 | |
| 100 | 89 | 11 | 18 | 8 | 150 | 75 | 14 | 55 | 170 | 115 | 16 | |
| 125 | 110 | 13.5 | 20 | 9.5 | 180 | 90 | 16 | 60 | 205 | 140 | 20 | |
| 160 | 140 | 18 | 26 | 10.5 | 230 | 115 | 18 | 65 | 260 | 180 +1. -1. | 20 | |
| 200 | 175 | 18 | 26 | 12.5 | 270 | 135 | 22 | 75 | 300 | 220 +2. -2. | 25 | |
| 250 | 220 | 22 | 33 | 14.5 | 330 | 165 | 26 | 90 | 400 +3. -3. | 285 | 25 | |
| 320 | 270 | 26 | 39 | 15 | 400 | 200 | 33 | 110 | 470 | 350 +3. -3. | 30 | |

NOTA: A RICHIESTA È POSSIBILE REALIZZARLE ANCHE A DISEGNO DEL CLIENTE!

NOTE: ON DEMAND IT IS POSSIBLE TO REALIZE THEM ALSO ON CUSTOMER'S DRAWING!

S05



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,190 | S05032 |
| 40 | 0,245 | S05040 |
| 50 | 0,475 | S05050 |
| 63 | 0,625 | S05063 |
| 80 | 1,425 | S05080 |
| 100 | 1,965 | S05100 |
| 125 | 3,765 | S05125 |
| 160 | 6,360 | S05160 |
| 200 | 11,370 | S05200 |
| 250 | 20,150 | S05250 |
| 320 | 34,750 | S05320 |

TRATTAMENTO: ZINCATURA BIANCA

TREATMENT: WHITE ZINC COATING

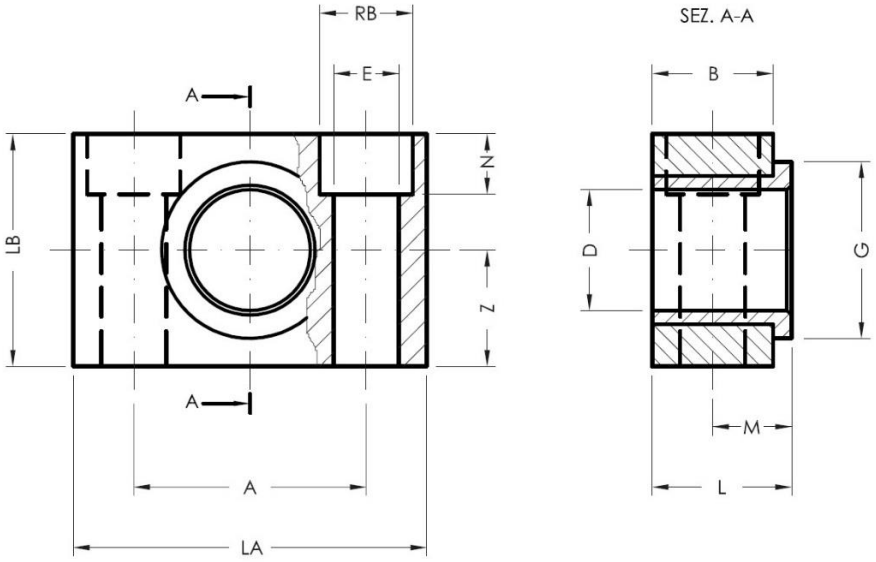


MATERIALE: ACCIAIO

MATERIAL: STEEL

SUPPORT FOR INTERMEDIATE HINGE

ISO 15552




| DIAM. | LA +0.5 -0.5 | B +0.5 -0.5 | LB +0.5 -0.5 | Z +0.1 -0.1 | A +0.2 -0.2 | D F7 | RB H13 | E H13 | N +0.5 -0.5 | L +0.2 -0.2 | M +0.2 -0.2 | G +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 46 | 15 | 30 | 15 | 32 | 12 | 11 | 6.6 | 7 | 18 | 10.5 | 22 | |
| 40-50 | 55 | 18 | 36 | 18 | 36 | 16 | 15 | 9 | 9 | 21 | 12 | 28 | |
| 63-80 | 65 | 20 | 40 | 20 | 42 | 20 | 18 | 11 | 11 | 23 | 13 | 32 | |
| 100-125 | 75 | 25 | 50 | 25 | 50 | 25 | 20 | 14 | 13 | 28.5 | 16 | 39 | |
| 160-200 | 92 | 35 | 60 | 30 | 60 | 32 | 26 | 17.7 | 17 | 40 | 22.5 | 48 | |
| 250 | 140 | 50 | 70 | 35 | 90 | 40 | 33 | 22 | 20 | 56 | 31 | 60 | |
| 320 | 150 | 54 | 80 | 40 | 100 | 50 | 39 | 26 | 25 | 60 | 32.5 | 70 | |

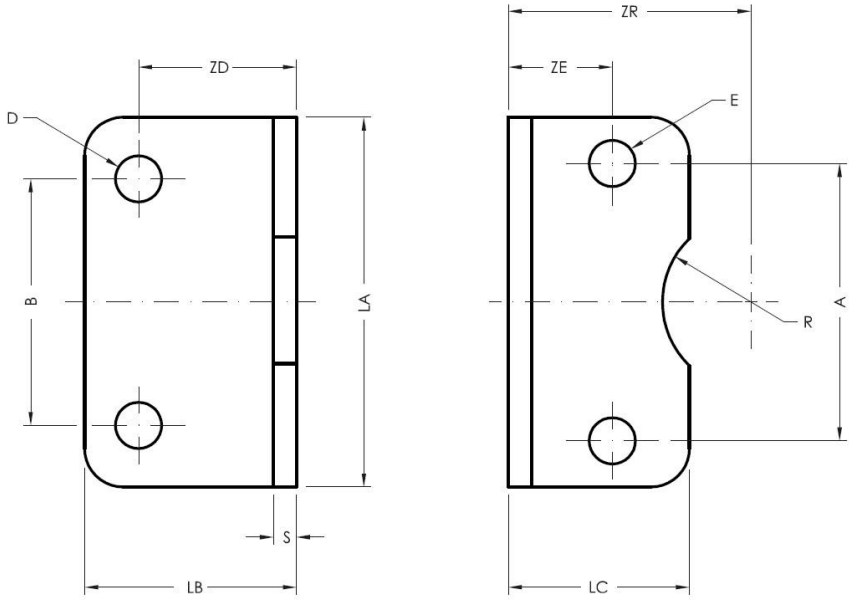
S06



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,126 | S06032 |
| 40-50 | 0,200 | S06040 |
| 63-80 | 0,270 | S06063 |
| 100-125 | 0,490 | S06100 |
| 160-200 | 0,990 | S06160 |
| 250 | 2,800 | S06250 |
| 320 | 3,250 | S06320 |

LOW-RISE PEDESTAL MS1

ISO 15552




| DIAM. | A +0.2 -0.2 | E H14 | ZE +0.2 -0.2 | B JS14 | D H14 | ZD +0.2 -0.2 | R H15 | ZR JS15 | S +0.5 -0.5 | LA 0 -0.2 | LB 0 -1 | LC +2. 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 7 | 15.75 | 32 | 7 | 24 | 15 | 32 | 4 | 45 | 35 | 30 | |
| 40 | 38 | 7 | 17 | 36 | 9 | 28 | 17.5 | 36 | 4 | 52 | 36 | 30 | |
| 50 | 46.5 | 9 | 21.75 | 45 | 9 | 32 | 20 | 45 | 5 | 65 | 47 | 36 | |
| 63 | 56.5 | 9 | 21.75 | 50 | 9 | 32 | 22.5 | 50 | 5 | 75 | 45 | 35 | |
| 80 | 72 | 11 | 27 | 63 | 12 | 41 | 22.5 | 63 | 6 | 95 | 55 | 47 | |
| 100 | 89 | 11 | 26.5 | 75 | 14 | 41 | 27.5 | 71 | 6 | 115 | 57 | 53 | |
| 125 | 110 | 14 | 35 | 90 | 16.5 | 45 | 30 | 90 | 8 | 140 | 70 | 70 | |
| 160 | 140 | 18 | 45 | 115 | 18.5 | 60 | 32.5 | 115 | 10 | 180 | 75 | 100 | |
| 200 | 175 | 18 | 47.5 | 135 | 24 | 70 | 37.5 | 135 | 12 | 220 | 100 | 110 | |
| 250 | 220 | 22 | 55 | 165 | 26 | 75 | 45 | 165 | 14 +1. -1 | 270 | 100 | 150 | ON DEMAND |
| 320 | 270 | 26 | 65 | 200 | 35 | 85 | 55 | 200 | 22 +1. -1 | 350 | 130 | 180 | ON DEMAND |

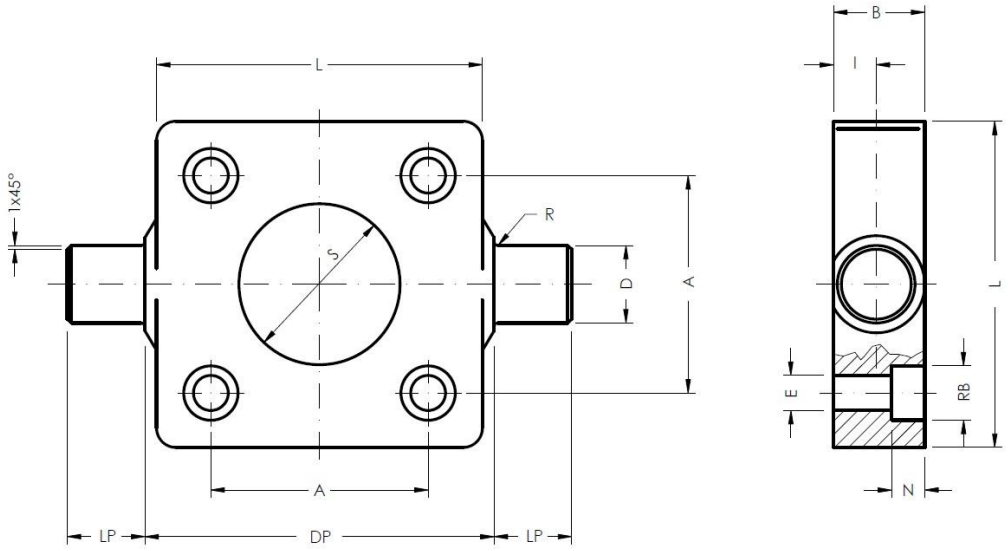
S07



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,065 | S07032 |
| 40 | 0,080 | S07040 |
| 50 | 0,170 | S07050 |
| 63 | 0,195 | S07063 |
| 80 | 0,364 | S07080 |
| 100 | 0,497 | S07100 |
| 125 | 1,060 | S07125 |
| 160 | 2,040 | S07160 |
| 200 | 3,710 | S07200 |
| 250 | | S07250 |
| 320 | | S07320 |

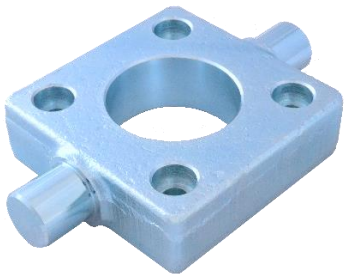
FRONT-REAR HINGE MT5/MT6

ISO 15552




| DIAM. | A +0.2 -0.2 | L MAX | DP h14 | LP h14 | D e9 | S H11 | B MAX | R MAX | I +0.2 0 | E H13 | RB H13 | N +0.5 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 46 | 50 | 12 | 12 | 30 | 14 | 1 | 6.5 | 6.5 | 10.5 | 6 | |
| 40 | 38 | 59 | 63 | 16 | 16 | 35 | 19 | 1.5 | 9 | 6.5 | 10.5 | 6 | |
| 50 | 46.5 | 69 | 75 | 16 | 16 | 40 | 19 | 1.6 | 9 | 8.5 | 13.5 | 8 | |
| 63 | 56.5 | 84 | 90 | 20 | 20 | 45 | 24 | 1.6 | 11.5 | 8.5 | 13.5 | 8 | |
| 80 | 72 | 102 | 110 | 20 | 20 | 45 | 24 | 1.6 | 11.5 | 10.5 | 16.5 | 10 | |
| 100 | 89 | 125 | 132 | 25 | 25 | 55 | 29 | 2 | 14 | 10.5 | 16.5 | 10 | |
| 125 | 110 | 150 | 160 | 25 | 25 | 60 | 30 | 2 | 15 | 13.5 | 20 | 12 | |
| 160 | 140 | 180 | 200 | 32 | 32 | 65 | 40 | 2.5 | 20 | 18 | 26 | 16 | ON DEMAND |
| 200 | 175 | 250 | 250 | 32 | 32 | 75 | 40 | 2.5 | 20 | 18 | 26 | 16 | ON DEMAND |

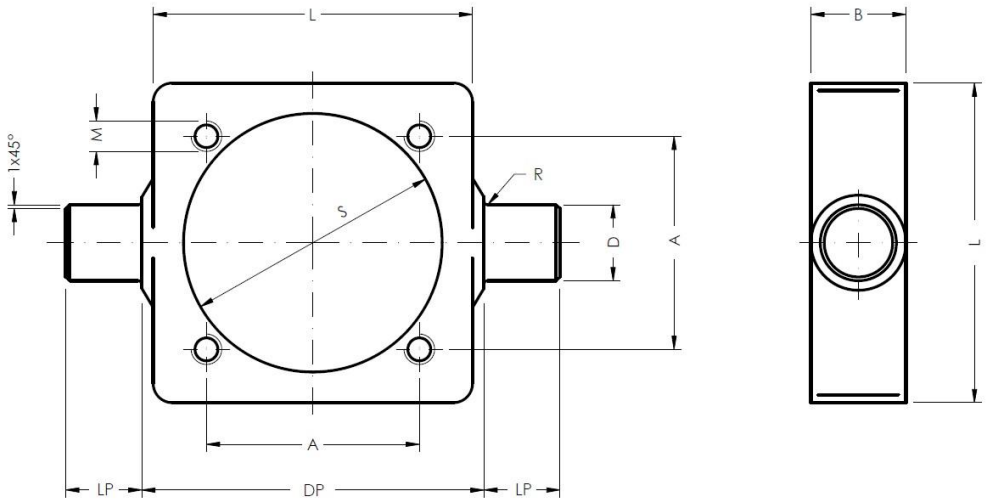
S18



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 32 | 0,145 | S18032 |
| 40 | 0,398 | S18040 |
| 50 | 0,518 | S18050 |
| 63 | 1,054 | S18063 |
| 80 | 1,610 | S18080 |
| 100 | 3,007 | S18100 |
| 125 | 4,670 | S18125 |
| 160 | | S18160 |
| 200 | | S18200 |

INTERMEDIATE HINGE MT4

ISO 15552

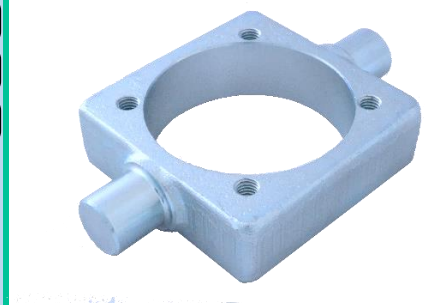



| DIAM. | A +0.2 -0.2 | L MAX | DP h14 | LP h14 | D e9 | S +0.2 0 | B MAX | R MAX | M | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 46 | 50 | 12 | 12 | 37 | 15 | 1 | M6 | |
| 40 | 38 | 59 | 63 | 16 | 16 | 46 | 20 | 1.5 | M6 | |
| 50 | 46.5 | 69 | 75 | 16 | 16 | 56 | 20 | 1.6 | M8 | |
| 63 | 56.5 | 84 | 90 | 20 | 20 | 69 | 25 | 1.6 | M8 | |
| 80 | 72 | 102 | 110 | 20 | 20 | 87 | 25 | 1.6 | M10 | |
| 100 | 89 | 125 | 132 | 25 | 25 | 107 | 30 | 2 | M10 | |
| 125 | 110 | 155 | 160 | 25 | 25 | 134.3 | 32 | 2 | M12 | |
| 160 | 140 | 190 | 200 | 32 | 32 | 171.6 | 40 | 2.5 | M16 | |
| 200 | 175 | 240 | 250 | 32 | 32 | 214 | 40 | 2.5 | M16 | |
| 250 | 220 | 295 | 320 | 40 | 40 | 268 | 50 | 2.5 | M20 | |
| 320 | 270 | 370 | 400 | 50 | 50 | 343 | 70 | 2.5 | M24 | ON DEMAND |

NOTA: A RICHIESTA È POSSIBILE REALIZZARLE ANCHE A DISEGNO DEL CLIENTE!

NOTE: ON DEMAND IT IS POSSIBLE TO REALIZE THEM ALSO ON CUSTOMER'S DRAWING!

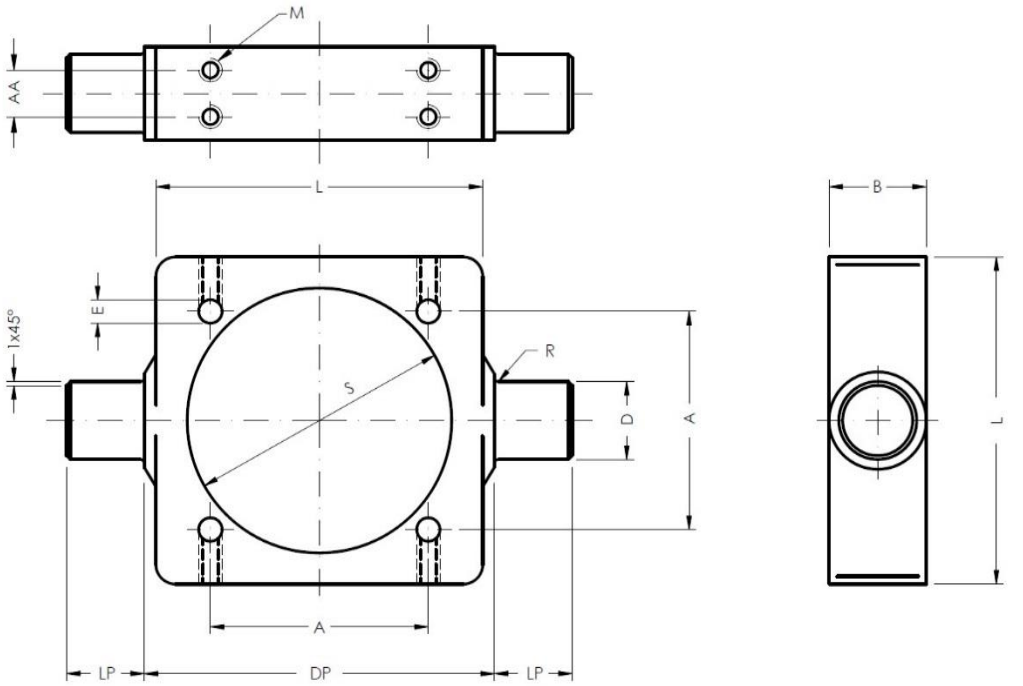
S08



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,125 | S08032 |
| 40 | 0,310 | S08040 |
| 50 | 0,390 | S08050 |
| 63 | 0,705 | S08063 |
| 80 | 0,875 | S08080 |
| 100 | 1,600 | S08100 |
| 125 | 2,400 | S08125 |
| 160 | 3,800 | S08160 |
| 200 | 6,300 | S08200 |
| 250 | 10,800 | S08250 |
| 320 | | S08320 |

INTERMEDIATE HINGE ADJUSTABLE MT4

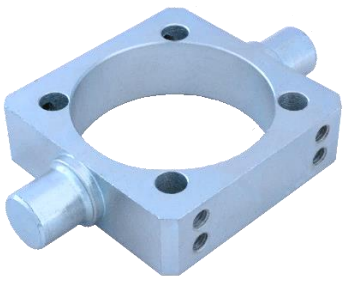
ISO 15552




| DIAM. | A +0.2 -0.2 | L MAX | DP h14 | LP h14 | D e9 | S +0.2 0 | B MAX | R MAX | E +0.2 0 | M | AA +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 46 | 50 | 12 | 12 | 37 | 15 | 1 | 6.25 | M5 | 7 | |
| 40 | 38 | 59 | 63 | 16 | 16 | 46 | 20 | 1.5 | 6.25 | M5 | 8 | |
| 50 | 46.5 | 69 | 75 | 16 | 16 | 56 | 20 | 1.6 | 8.25 | M6 | 8 | |
| 63 | 56.5 | 84 | 90 | 20 | 20 | 69 | 25 | 1.6 | 8.25 | M6 | 12 | |
| 80 | 72 | 102 | 110 | 20 | 20 | 87 | 25 | 1.6 | 10.25 | M8 | 12 | |
| 100 | 89 | 125 | 132 | 25 | 25 | 107 | 30 | 2 | 10.25 | M8 | 15 | |
| 125 | 110 | 155 | 160 | 25 | 25 | 134.3 | 32 | 2 | 12.25 | M10 | 15 | |
| 160 | 140 | 190 | 200 | 32 | 32 | 171.6 | 40 | 2.5 | 16.25 | M12 | 18 | |
| 200 | 175 | 240 | 250 | 32 | 32 | 214 | 40 | 2.5 | 16.25 | M12 | 18 | |
| 250 | 220 | 295 | 320 | 40 | 40 | 268 | 50 | 2.5 | 20.25 | M16 | 22 | |
| 320 | 270 | 370 | 400 | 50 | 50 | 343 | 70 | 2.5 | 24.25 | - | - | CON DADI / WITH NUTS |

NOTA: A RICHIESTA È POSSIBILE REALIZZARLE ANCHE A DISEGNO DEL CLIENTE! NOTE: ON DEMAND IT IS POSSIBLE TO REALIZE THEM ALSO ON CUSTOMER'S DRAWING!

S09



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,118 | S09032 |
| 40 | 0,300 | S09040 |
| 50 | 0,370 | S09050 |
| 63 | 0,680 | S09063 |
| 80 | 0,840 | S09080 |
| 100 | 1,560 | S09100 |
| 125 | 2,350 | S09125 |
| 160 | 4,130 | S09160 |
| 200 | 6,200 | S09200 |
| 250 | 11,500 | S09250 |
| 320 | 25,300 | S09320 |

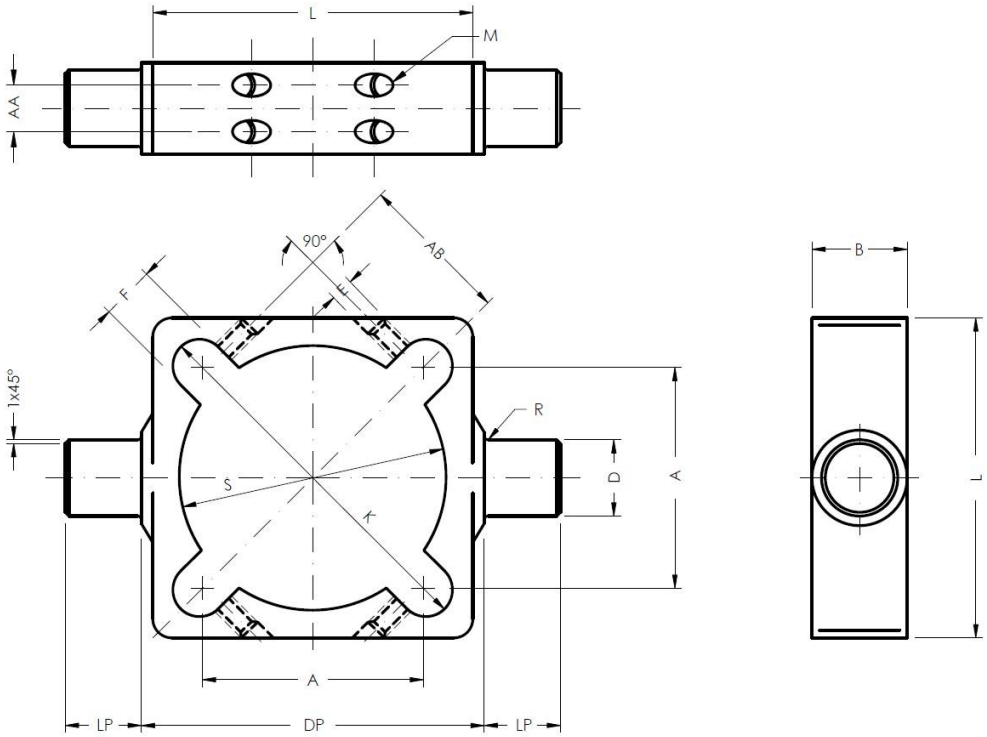
TRATTAMENTO: ZINCATURA BIANCA
TREATMENT: WHITE ZINC COATING



MATERIALE: ACCIAIO
MATERIAL: STEEL

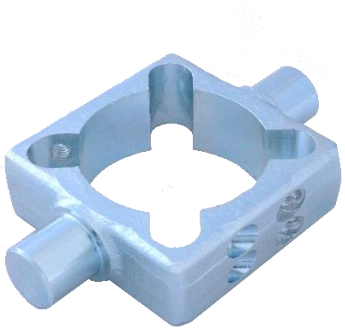
INTERMEDIATE HINGE SHAPED EURAL

ISO 15552




| Diam. | A +0.2 -0.2 | L MAX | DP h14 | LP h14 | D e9 | S +0.2 0 | B MAX | R MAX | K +0.3 0 | M | AA +0.3 -0.3 | AB +0.2 -0.2 | F +0.2 0 | E +0.2 0 | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 33.2 | 58 | 50 | 12 | 12 | 37 | 18 | 1 | 58 | M5 | 7 | 22 | 11 | 6 | |
| 40 | 40 | 59 | 63 | 16 | 16 | 46 | 20 | 1.5 | 67.5 | M6 | 8 | 27 | 11 | 7 | |
| 50 | 48.4 | 69 | 75 | 16 | 16 | 56 | 20 | 1.6 | 82.5 | M6 | 8 | 33 | 14 | 7 | |
| 63 | 58.7 | 84 | 90 | 20 | 20 | 69 | 25 | 1.6 | 97 | M6 | 12 | 39 | 14 | 7 | |
| 80 | 73.5 | 102 | 110 | 20 | 20 | 87 | 25 | 1.6 | 120 | M6 | 12 | 49 | 16 | 7 | |
| 100 | 91.6 | 125 | 132 | 25 | 25 | 107 | 30 | 2 | 146.5 | M8 | 15 | 60 | 17 | 9 | |
| 125 | 116.7 | 155 | 160 | 25 | 25 | 134.3 | 32 | 2 | 183 | M8 | 15 | 75 | 18 | 9 | |

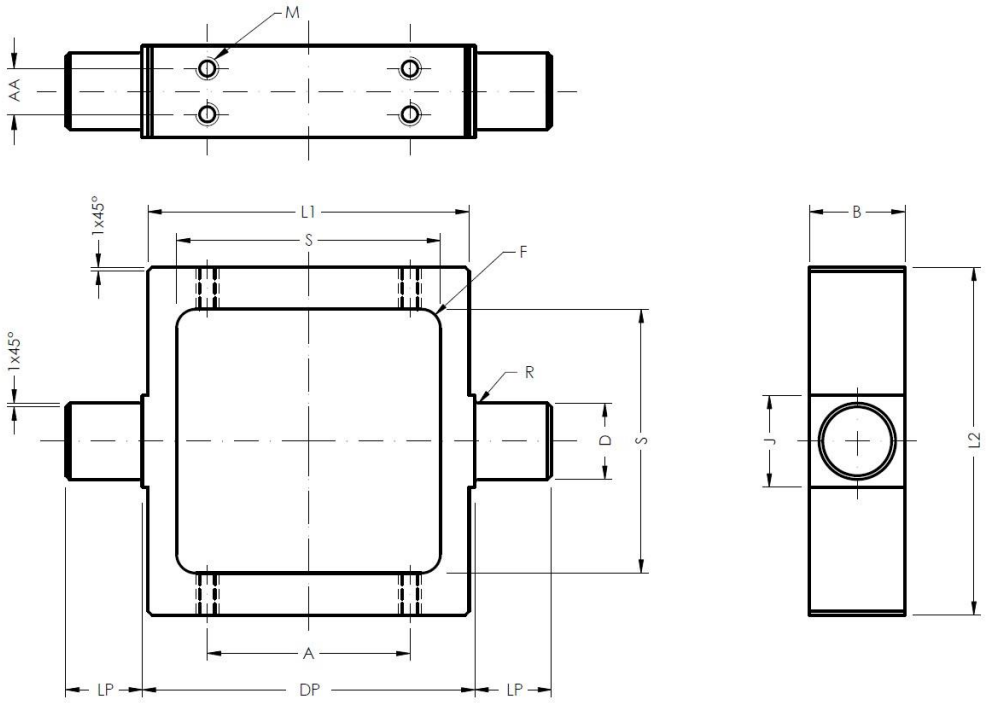
S19



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,130 | S19032 |
| 40 | 0,240 | S19040 |
| 50 | 0,295 | S19050 |
| 63 | 0,600 | S19063 |
| 80 | 0,720 | S19080 |
| 100 | 1,320 | S19100 |
| 125 | 2,015 | S19125 |

INTERMEDIATE HINGE SQUARE

ISO 15552

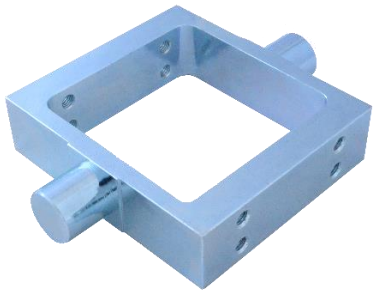



| DIAM. | A +0.2 -0.2 | L1 0 -0.3 | L2 +0.2 -0.2 | DP h14 | LP h14 | D e9 | S +0.5 0 | F | J | B +0.2 -0.2 | R MAX | M | AA +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | - | 65 | 50 | 12 | 12 | 45 | 4 | - | 20 | 0.9 | M5 | 7 | |
| 40 | 38 | 62 | 75 | 63 | 16 | 16 | 52 | 4 | 20 | 20 | 1.5 | M5 | 8 | |
| 50 | 46.5 | 74 | 90 | 75 | 16 | 16 | 62 | 6 | 20 | 20 | 1.5 | M6 | 8 | |
| 63 | 56.5 | 88 | 100 | 90 | 20 | 20 | 72 | 6 | 25 | 25 | 1.5 | M6 | 12 | |
| 80 | 72 | 109 | 130 | 110 | 20 | 20 | 88 | 7 | 25 | 25 | 1.5 | M8 | 12 | |
| 100 | 89 | 130 | 140 | 132 | 25 | 25 | 107 | 8 | 30 | 30 | 1.5 | M8 | 15 | |
| 125 | 110 | 155 | 150 | 160 | 25 | 25 | 133 | 8 | 30 | 30 | 2 | M10 | 15 | |

NOTA: A RICHIESTA È POSSIBILE REALIZZARLE ANCHE A DISEGNO DEL CLIENTE!

NOTE: ON DEMAND IT IS POSSIBLE TO REALIZE THEM ALSO ON CUSTOMER'S DRAWING!

S20

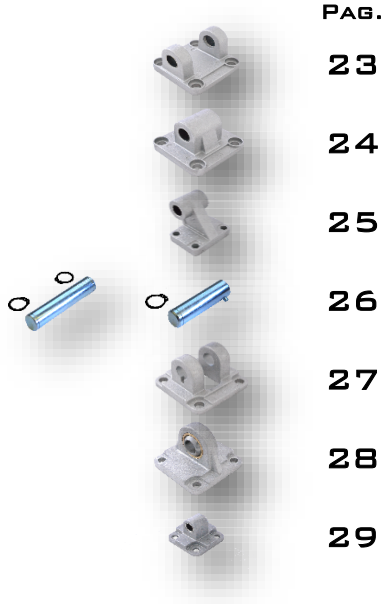


| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,198 | S20032 |
| 40 | 0,320 | S20040 |
| 50 | 0,435 | S20050 |
| 63 | 0,736 | S20063 |
| 80 | 1,130 | S20080 |
| 100 | 1,590 | S20100 |
| 125 | 1,880 | S20125 |

# ISO 15552
# ALLUMINIO

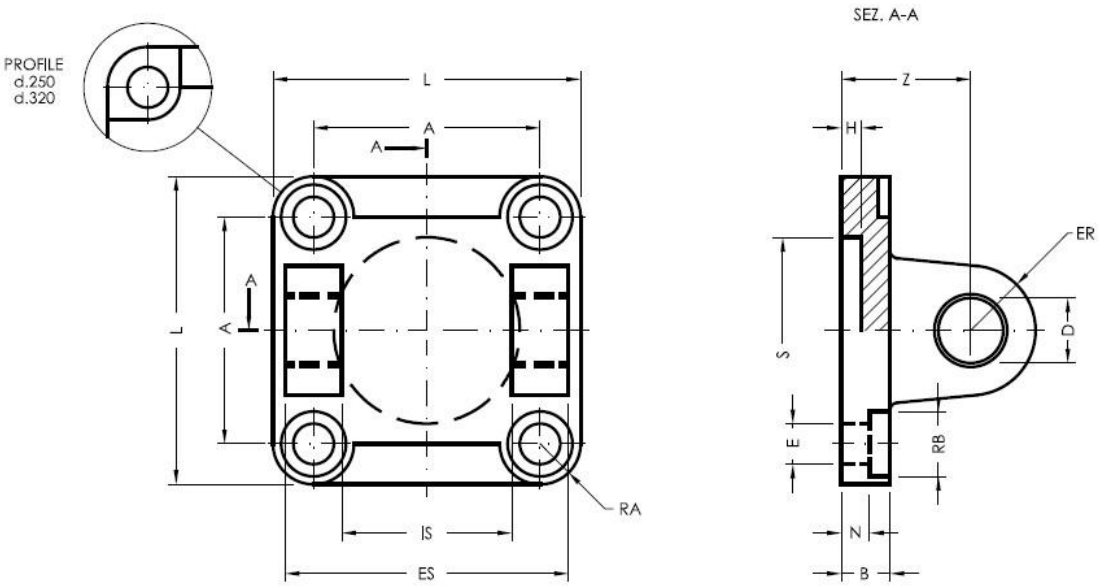
# ISO 15552
# ALUMINIUM


| Cod. | | Pag. |
|---|---|---|
| A11 | **Cerniera femmina MP2 con bussole**<br>Female hinge MP2 with bushes | 23 |
| A12 | **Cerniera maschio MP4 con bussole**<br>Male hinge MP4 with bushes | 24 |
| A13 | **Articolazione a squadra Cetop RP107P con bussole**<br>Square joint Cetop RP107P with bushes | 25 |
| S10<br>S04 | **Perno ISO e Perno antirotazione**<br>Pin ISO and Pin antirotation | 26 |
| A02 | **Cerniera femmina stretta**<br>Narrow female hinge | 27 |
| A03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | 28 |
| A22 | **Cerniera maschio MP4 con bussole per Compatti**<br>Male hinge MP4 with bushes for Compact | 29 |

FEMALE HINGE MP2 WITH BUSHES

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B +0.5 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB H14 | ER MAX | RA +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 45 | 26 | 32.5 | 22 | 5 | 9 | 5.5 | 30 | 10 | 6.6 | 11 | 10 | 6.25 | |
| 40 | 52 | 52 | 28 | 38 | 25 | 5 | 9 | 5.5 | 35 | 12 | 6.6 | 11 | 12 | 8.5 | |
| 50 | 65 | 60 | 32 | 46.5 | 27 | 5 | 11 | 6.5 | 40 | 12 | 9 | 15 | 12 | 9.25 | |
| 63 | 75 | 70 | 40 | 56.5 | 32 | 5 | 11 | 6.5 | 45 | 16 | 9 | 15 | 16 | 9.25 | |
| 80 | 95 | 90 | 50 | 72 | 36 | 5 | 14 | 10 | 45 | 16 | 11 | 17 | 16 | 11.5 | |
| 100 | 115 | 110 | 60 | 89 | 41 | 5 | 14 | 10 | 55 | 20 | 11 | 17 | 20 | 13 | |
| 125 | 140 | 130 | 70 | 110 | 50 | 7 | 20 | 10 | 60 | 25 | 14 | 20 | 25 | 15 | |
| 160 | 180 | 170 | 90 | 140 | 55 | 8 | 20 | 10 | 65 | 30 | 18 | 26 | 25 | 20 | |
| 200 | 220 | 170 | 90 | 175 | 60 | 10 | 25 | 11 | 75 | 30 | 18 | 26 | 25 | 22.5 | |
| 250 | 270 | 200 | 110 | 220 | 70 | - | 25 | 11 | 90 | 40* | 22 | 33 | 40 | 25 | * SENZA BUSSOLE / WITHOUT BUSHES |
| 320 | 350 | 220 | 120 | 270 | 80 | - | 30 | 15 | 110 | 45* | 26 | 39 | 45 | 40 | * SENZA BUSSOLE / WITHOUT BUSHES |

A11



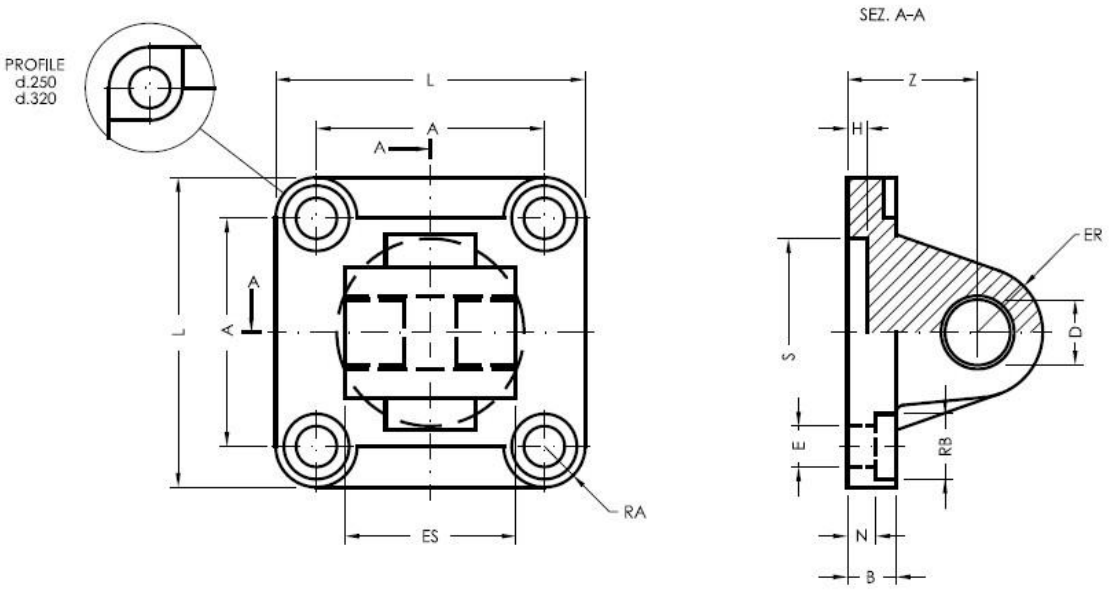
| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,051 | A11032 |
| 40 | 0,080 | A11040 |
| 50 | 0,127 | A11050 |
| 63 | 0,197 | A11063 |
| 80 | 0,389 | A11080 |
| 100 | 0,625 | A11100 |
| 125 | 1,240 | A11125 |
| 160 | 1,920 | A11160 |
| 200 | 3,190 | A11200 |
| 250 | 5,400 | A11250 |
| 320 | 10,020 | A11320 |

SU RICHIESTA DISPONIBILE ANCHE CON TRATTAMENTO DI CATAFORESI NERA / ON DEMAND AVAILABLE ALSO WITH TREATMENT OF BLACK CATAPHORESIS

MATERIALE: ALLUMINIO
MATERIAL: ALUMINIUM

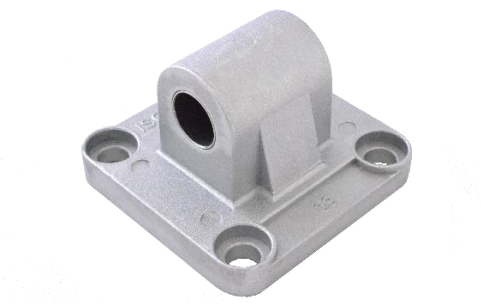
MALE HINGE MP4 WITH BUSHES

ISO 15552




| DIAM. | L +0.5 -0.5 | ES -0.2 -0.6 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B +0.5 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB H14 | ER MAX | RA +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 26 | 32.5 | 22 | 5 | 9 | 5.5 | 30 | 10 | 6.6 | 11 | 10 | 6.25 | |
| 40 | 52 | 28 | 38 | 25 | 5 | 9 | 5.5 | 35 | 12 | 6.6 | 11 | 12 | 8.5 | |
| 50 | 65 | 32 | 46.5 | 27 | 5 | 11 | 6.5 | 40 | 12 | 9 | 15 | 12 | 9.25 | |
| 63 | 75 | 40 | 56.5 | 32 | 5 | 11 | 6.5 | 45 | 16 | 9 | 14 | 16 | 9.25 | |
| 80 | 95 | 50 | 72 | 36 | 5 | 14 | 10 | 45 | 16 | 11 | 17 | 16 | 11.5 | |
| 100 | 115 | 60 | 89 | 41 | 5 | 14 | 10 | 55 | 20 | 11 | 17 | 20 | 13 | |
| 125 | 140 | 70 -0.5 -1.2 | 110 | 50 | 7 | 20 | 10 | 60 | 25 | 14 | 20 | 25 | 15 | |
| 160 | 180 | 90 -0.5 -1.2 | 140 | 55 | 8 | 20 | 10 | 65 | 30 | 18 | 26 | 25 | 20 | |
| 200 | 220 | 90 -0.5 -1.2 | 175 | 60 | 10 | 25 | 11 | 75 | 30 | 18 | 26 | 25 | 22.5 | |
| 250 | 270 | 110 -0.5 -1.2 | 220 | 70 | 11 | 25 | 11 | 90 | 40* | 22 | 33 | 40 | 25 | * SENZA BUSSOLE / WITHOUT BUSHES |
| 320 | 350 | 120 -0.5 -1.2 | 270 | 80 | 15 | 30 | 15 | 110 | 45* | 26 | 39 | 45 | 40 | * SENZA BUSSOLE / WITHOUT BUSHES |

A12



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,060 | A12032 |
| 40 | 0,083 | A12040 |
| 50 | 0,132 | A12050 |
| 63 | 0,220 | A12063 |
| 80 | 0,420 | A12080 |
| 100 | 0,676 | A12100 |
| 125 | 1,304 | A12125 |
| 160 | 2,010 | A12160 |
| 200 | 3,270 | A12200 |
| 250 | 5,950 | A12250 |
| 320 | 10,080 | A12320 |

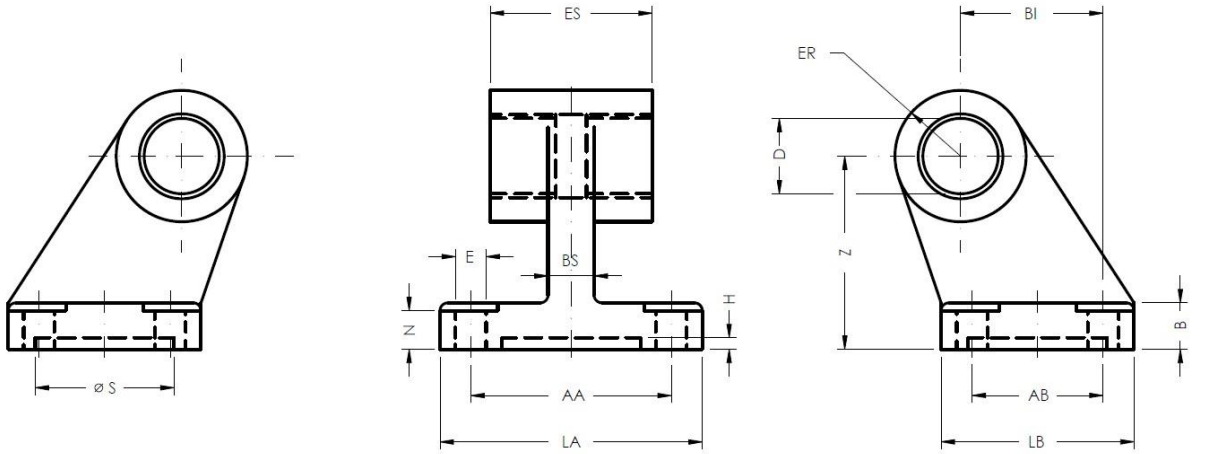
SU RICHIESTA DISPONIBILE ANCHE CON TRATTAMENTO DI CATAFORESI NERA / ON DEMAND AVAILABLE ALSO WITH TREATMENT OF BLACK CATAPHORESIS

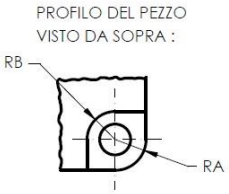
MATERIALE: ALLUMINIO

MATERIAL: ALUMINIUM

## SQUARE JOINT CETOP RP107P WITH BUSHES

ISO 15552




| DIAM. | E H14 | RB +0.5 0 | AB JS14 | LB +0.5 -0.5 | BI JS15 | B +0.5 -0.5 | Z JS15 | AA JS14 | LA +0.5 -0.5 | ER MAX | ES -0.2 -0.6 | D H9 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS +0.5 -0.5 | RA +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 6.6 | 5.5 | 18 | 31 | 21 | 8 | 32 | 38 | 51 | 10 | 26 | 10 | 6.4 | 21 | 3 | 10 | 6.5 | |
| 40 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 11 | 28 | 12 | 8.4 | 21 | 3 | 15 | 6.5 | |
| 50 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 13 | 32 | 12 | 10.4 | 21 | 3 | 16 | 7.5 | |
| 63 | 9 | 7.5 | 35 | 50 | 37 | 14 | 50 | 52 | 67 | 15 | 40 | 16 | 12.4 | 21 | 3 | 16 | 7.5 | |
| 80 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 15 | 50 | 16 | 11.5 | 21 | 3 | 20 | 10 | |
| 100 | 11 | 9 | 50 | 70 | 55 | 17 | 71 | 76 | 96 | 19 | 60 | 20 | 14.5 | 21 | 3 | 20 | 10 | |
| 125 | 14 | 10 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 23 | $70^{-0.5}_{-1.2}$ | 25 | 16.8 | 21 | 3 | 28 | 15 | |
| 160 | 14 | 10 | 88 | 126 | 97 | 25 | 115 | 118 | 156 | 31.5 | $90^{-0.5}_{-1.2}$ | 30 | 21 | 21 | 3 | 36 | 19 | |
| 200 | 18 | 13 | 90 | 130 | 105 | 30 | 135 | 122 | 162 | 31.5 | $90^{-0.5}_{-1.2}$ | 30 | 26 | 21 | 3 | 40 | 20 | |

A13



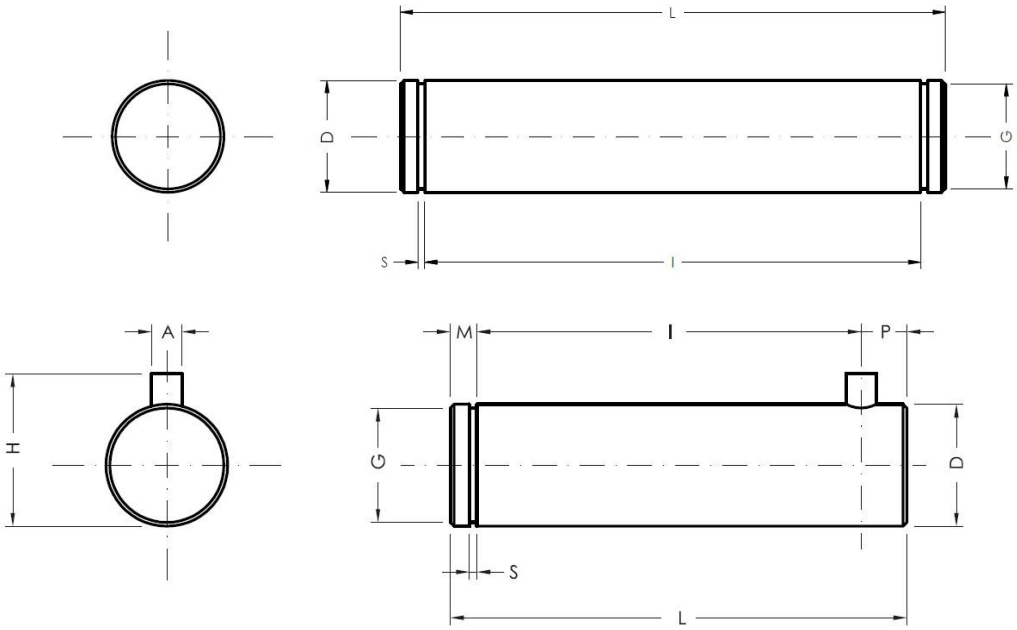
| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,054 | A13032 |
| 40 | 0,083 | A13040 |
| 50 | 0,150 | A13050 |
| 63 | 0,208 | A13063 |
| 80 | 0,320 | A13080 |
| 100 | 0,522 | A13100 |
| 125 | 1,012 | A13125 |
| 160 | 2,550 | A13160 |
| 200 | 3,000 | A13200 |

SU RICHIESTA DISPONIBILE ANCHE CON TRATTAMENTO DI CATAFORESI NERA / ON DEMAND AVAILABLE ALSO WITH TREATMENT OF BLACK CATAPHORESIS

MATERIALE: ALLUMINIO
MATERIAL: ALUMINIUM

PIN ISO AND PIN ANTIROTATION

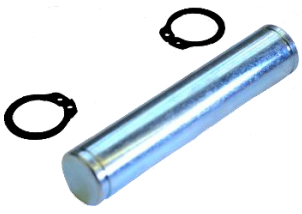
ISO
15552



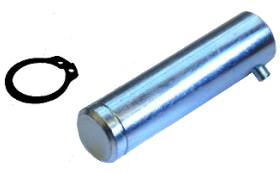

NOTA: PER LE MISURE VEDERE PAGINA 8 (S10) E PAGINA 12 (S04) DI QUESTO CATALOGO.

NOTE: FOR THE DIMENSIONS SEE PAGE 8 (S10) AND PAGE 12 (S04) OF THIS CATALOGUE.

S10

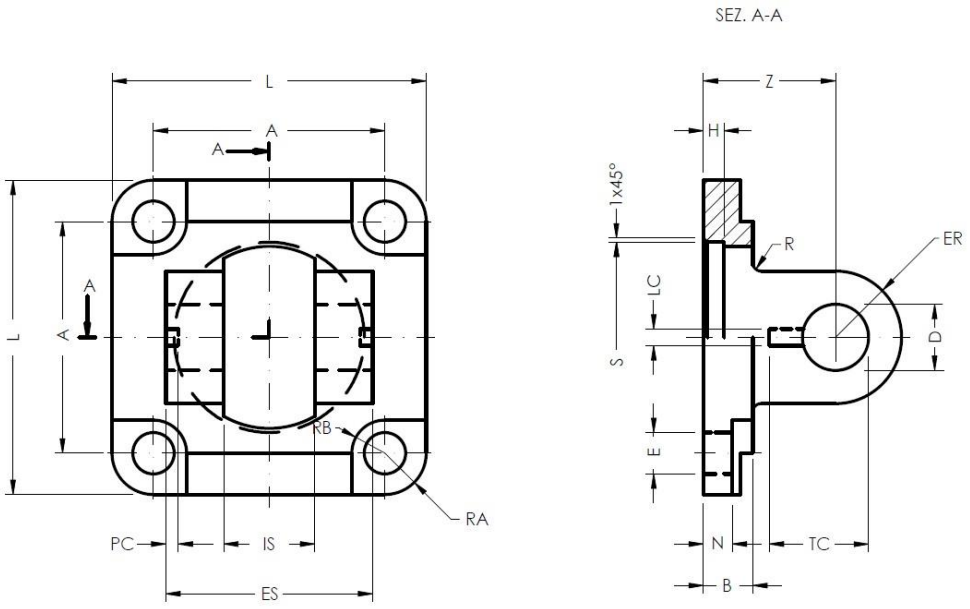


S04



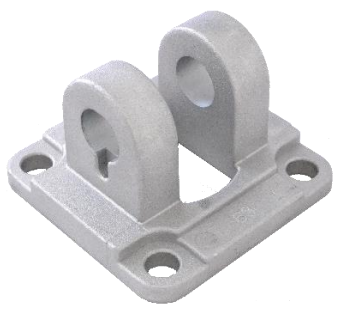
NARROW FEMALE HINGE

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B +0.5 -0.5 | N +0.5 -0.5 | S H11 | D F7 | E H14 | RB +0.5 0 | PC +0.2 0 | LC +0.2 0 | TC 0 -0.5 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 34 | 14 | 32.5 | 22 | 5 | 9 | 5.5 | 30 | 10 | 6.6 | 6.5 | 3 | 3.3 | 16.5 | 10 | 6.25 | 1 | |
| 40 | 52 | 40 | 16 | 38 | 25 | 5 | 9 | 5.5 | 35 | 12 | 6.6 | 7 | 4 | 4.3 | 18 | 12 | 7 | 1 | |
| 50 | 65 | 45 | 21 | 46.5 | 27 | 5 | 11 | 6.5 | 40 | 16 | 9 | 8 | 4 | 4.3 | 23 | 15 | 9.25 | 1 | |
| 63 | 75 | 51 | 21 | 56.5 | 32 | 5 | 11 | 6.5 | 45 | 16 | 9 | 8 | 4 | 4.3 | 23 | 18 | 9.25 | 1 | |
| 80 | 95 | 65 | 25 | 72 | 36 | 5 | 14 | 10 | 45 | 20 | 11 | 9.5 | 4 | 4.3 | 27 | 22 | 11.5 | 2 | |
| 100 | 115 | 75 | 25 | 89 | 41 | 5 | 14 | 10 | 55 | 20 | 11 | 9.5 | 4 | 4.3 | 27 | 22 | 13 | 2.5 | |
| 125 | 140 | 97 | 37 | 110 | 50 | 7 | 20 | 10 | 60 | 30 | 14 | 11 | 6 | 6.3 | 40 | 30 | 15 | 2.5 | |

A02



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,039 | A02032 |
| 40 | 0,062 | A02040 |
| 50 | 0,103 | A02050 |
| 63 | 0,175 | A02063 |
| 80 | 0,374 | A02080 |
| 100 | 0,565 | A02100 |
| 125 | 1,136 | A02125 |

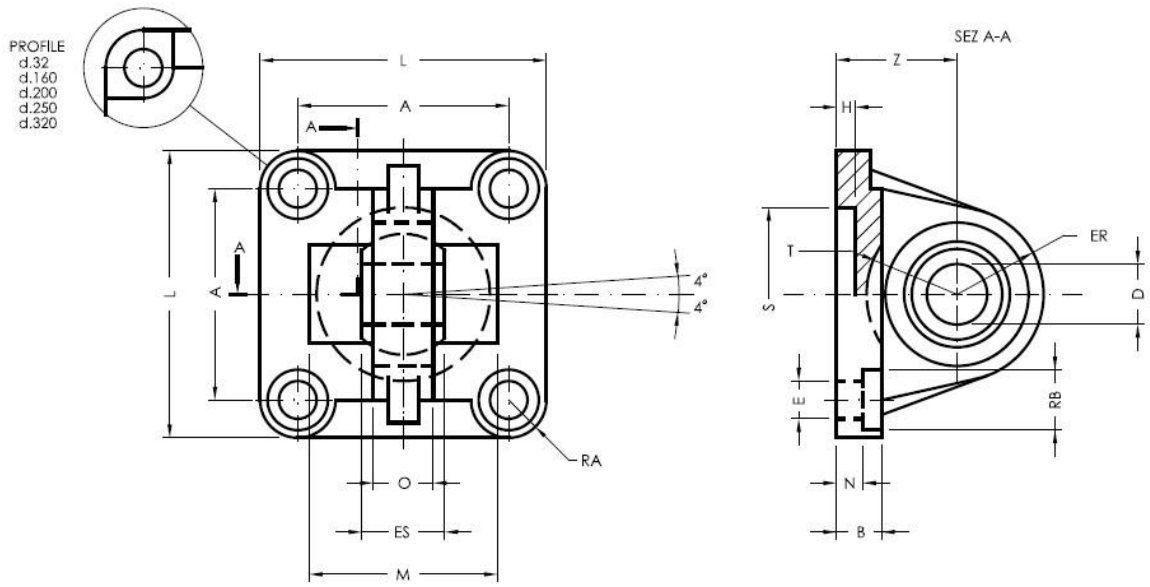
SU RICHIESTA DISPONIBILE ANCHE CON TRATTAMENTO DI CATAFORESI NERA / ON DEMAND AVAILABLE ALSO WITH TREATMENT OF BLACK CATAPHORESIS

MATERIALE: ALLUMINIO

MATERIAL: ALUMINIUM

NARROW MALE HINGE WITH SPHERICAL HEAD DIN 648K

ISO 15552




| DIAM. | A +0.2 -0.2 | O MAX | Z JS15 | D H7 | ER MAX | S H11 | B +0.5 -0.5 | E H14 | L +0.5 -0.5 | RB H14 | N +0.5 -0.5 | H +0.5 0 | M +0.5 -0.5 | T +0.5 -0.5 | RA +0.5 -0.5 | ES 0 -0.1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 10.5 | 22 | 10 | 16 | 30 | 9 | 6.6 | 45 | 11 | 5.5 | 5 | - | - | 6.25 | 14 | |
| 40 | 38 | 12 | 25 | 12 | 19 | 35 | 9 | 6.6 | 52 | 11 | 5.5 | 5 | - | - | 8.5 | 16 | |
| 50 | 46.5 | 15 | 27 | 16* | 21 | 40 | 11 | 9 | 65 | 15 | 6.5 | 5 | 51 | 18 | 9.25 | 21 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=12 |
| 63 | 56.5 | 15 | 32 | 16 | 24 | 45 | 11 | 9 | 75 | 15 | 6.5 | 5 | - | - | 9.25 | 21 | |
| 80 | 72 | 18 | 36 | 20* | 28.5 | 45 | 14 | 11 | 95 | 18 | 10 | 5 | 76 | 24 | 11.5 | 25 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=16 |
| 100 | 89 | 18 | 41 | 20 | 30 | 55 | 14 | 11 | 115 | 18 | 10 | 5 | - | - | 13 | 25 | |
| 125 | 110 | 25 | 50 | 30* | 40 | 60 | 20 | 13 | 140 | 20 | 10 | 7 | 140 | 32 | 15 | 37 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=25 |
| 160 | 140 | 28 | 55 | 35* | 45 | 65 | 20 | 18 | 180 | 26 | 10 | 7 | - | - | 20 | 43 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=30 |
| 200 | 175 | 28 | 60 | 35* | 48 | 75 | 25 | 18 | 220 | 26 | 11 | 7 | - | - | 22.5 | 43 | * DISPONIBILE ANCHE / AVAILABLE ALSO D=30 |
| 250 | 220 | 33 | 70 | 40 | 52 | 90 | 25 | 22 | 270 | 33 | 11 | 11 | - | - | 25 | 49 | ON DEMAND |
| 320 | 270 | 45 | 80 | 50 | 62 | 110 | 30 | 26 | 350 | 39 | 15 | 11 | 170 | 56 | 40 | 60 | ON DEMAND |

A03



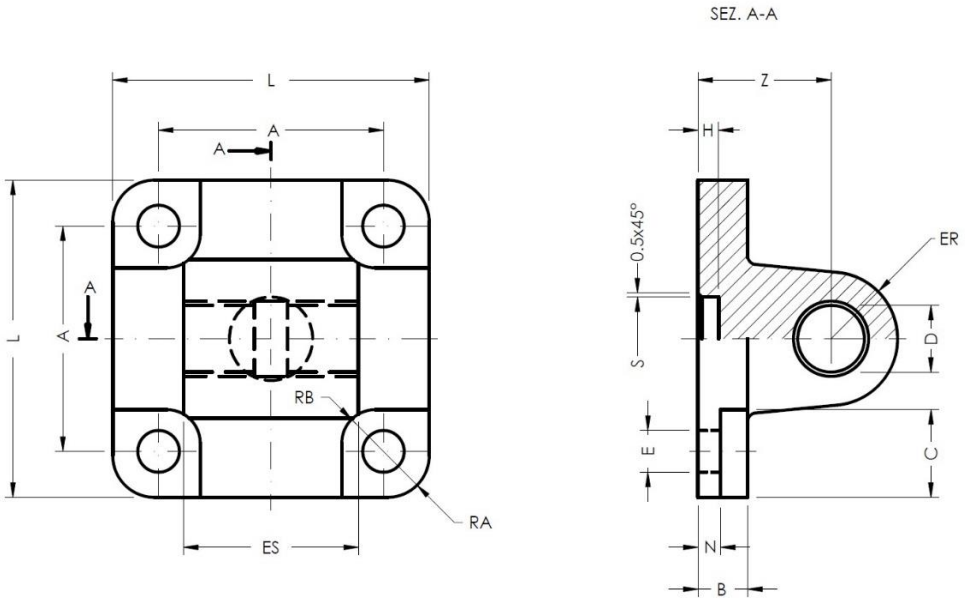
| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,071 | A03032 |
| 40 | 0,108 | A03040 |
| 50 | 0,190 | A03050 |
| 63 | 0,250 | A03063 |
| 80 | 0,500 | A03080 |
| 100 | 0,680 | A03100 |
| 125 | 1,460 | A03125 |
| 160 | 2,300 | A03160 |
| 200 | 3,700 | A03200 |
| 250 | | A03250 |
| 320 | | A03320 |

MATERIALE: ALLUMINIO

MATERIAL: ALUMINIUM

MALE HINGE MP4 WITH BUSHES FOR COMPACT

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.3 0 | B +0.5 -0.5 | N 0 -0.4 | S H9 | D H9 | E H13 | RB +0.3 0 | ER MAX | RA +0.5 -0.5 | C +0.3 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 36 | 16 | 22 | 20 | 4.5 | 8 | 3 | 12 | 8 | 5.5 | 5 | 8 | 7 | 12 | |
| 25 | 39.5 | 16 | 26 | 20 | 4.5 | 8 | 3 | 12 | 8 | 5.5 | 5 | 8 | 7 | 12 | |

A22



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 20 | 0,027 | A22020 |
| 25 | 0,031 | A22025 |

SU RICHIESTA DISPONIBILE ANCHE CON TRATTAMENTO DI CATAFORESI NERA / ON DEMAND AVAILABLE ALSO WITH TREATMENT OF BLACK CATAPHORESIS



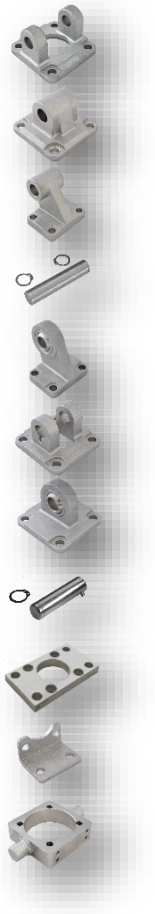
MATERIALE: ALLUMINIO

MATERIAL: ALUMINIUM

# ISO 15552
# INOX

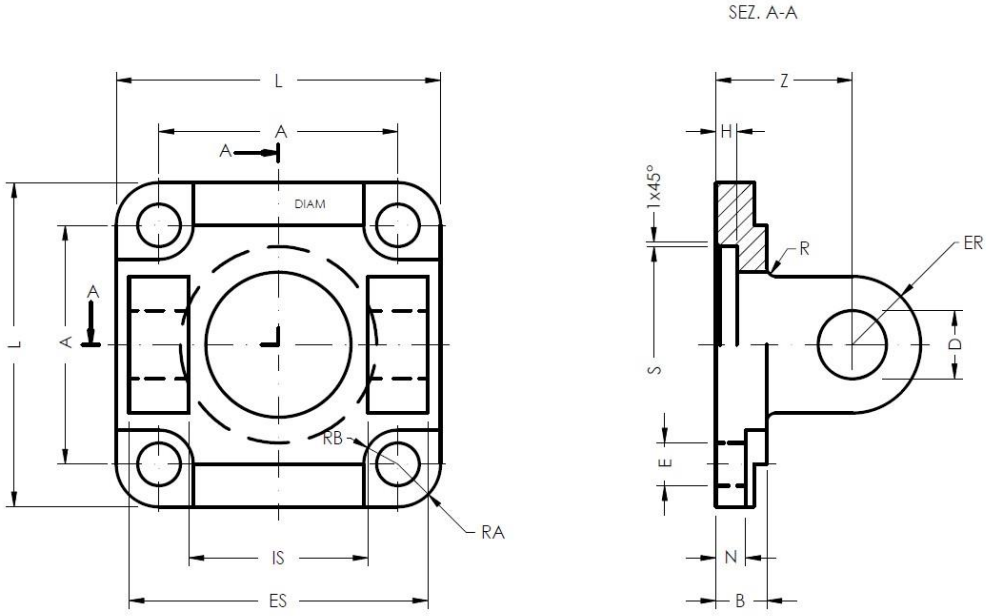
# ISO 15552
# STAINLESS STEEL


| Cod. | | Pag. |
|---|---|---|
| I11 | **Cerniera femmina MP2**<br>Female hinge MP2 | 31 |
| I12 | **Cerniera maschio MP4**<br>Male hinge MP4 | 32 |
| I13 | **Articolazione a squadra Cetop RP107P**<br>Square joint Cetop RP107P | 33 |
| I10 | **Perno ISO**<br>Pin ISO | 34 |
| I01 | **Articolazione a squadra con testina snodata DIN 648K**<br>Square joint with spherical head DIN 648K | 35 |
| I02 | **Cerniera femmina stretta**<br>Narrow female hinge | 36 |
| I03 | **Cerniera maschio stretta con testina snodata DIN 648K**<br>Narrow male hinge with spherical head DIN 648K | 37 |
| I04 | **Perno antirotazione**<br>Pin antirotation | 38 |
| I05 | **Flangia MF1-MF2**<br>Flange MF1-Mf2 | 39 |
| I07 | **Piedino basso MS1**<br>Low-rise pedestal MS1 | 40 |
| I09 | **Cerniera intermedia regolabile MT4**<br>Intermediate hinge adjustable MT4 | 41 |

FEMALE HINGE MP2

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +1. 0 | B +0.5 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB +0.5 0 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 45 | 26 | 32.5 | 22 | 5 | 8 | 5.5 | 30 | 10 | 6.6 | 5.5 | 10 | 6.25 | 2 | |
| 40 | 55 | 52 | 28 | 38 | 25 | 5 | 8 | 5.5 | 35 | 12 | 6.6 | 5.5 | 12 | 8.5 | 2 | |
| 50 | 65 | 60 | 32 | 46.5 | 27 | 5 | 10 | 6.5 | 40 | 12 | 9 | 7.5 | 12 | 9.25 | 3 | |
| 63 | 75 | 70 | 40 | 56.5 | 32 | 5 | 10 | 6.5 | 45 | 16 | 9 | 7.5 | 15 | 9.25 | 3 | |
| 80 | 95 | 90 | 50 | 72 | 36 | - | 13 | 10 | 45 | 16 | 11 | 9 | 15 | 11.5 | 4 | |
| 100 | 115 | 110 | 60 | 89 | 41 | - | 13 | 10 | 55 | 20 | 11 | 9 | 20 | 13 | 4 | |
| 125 | 140 | 130 | 70 | 110 | 50 | - | 16 | 10 | 60 | 25 | 13.5 | 10 | 25 | 15 | 5 | |
| 160 | 180 | 170 | 90 | 140 | 55 | 7 | 20 | 10 | 65 | 30 | 18 | 26 | 25 | 20 | 5 | |
| 200 | 220 | 170 | 90 | 175 | 60 | 7 | 25 | 11 | 75 | 30 | 18 | 26 | 25 | 22.5 | 5 | |
| 250 | 270 | 200 | 110 | 220 | 70 | - | 25 | 11 | 90 | 40 | 22 | 16.5 | 40 | 25 | - | ON DEMAND |
| 320 | 350 | 220 | 120 | 270 | 80 | - | 30 | 15 | 110 | 45 | 26 | 19.5 | 45 | 40 | - | ON DEMAND |

I11



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 32 | 0,115 | I11032 |
| 40 | 0,200 | I11040 |
| 50 | 0,305 | I11050 |
| 63 | 0,460 | I11063 |
| 80 | 0,910 | I11080 |
| 100 | 1,535 | I11100 |
| 125 | 2,890 | I11125 |
| 160 | 5,450 | I11160 |
| 200 | 9,200 | I11200 |
| 250 | | I11250 |
| 320 | | I11320 |

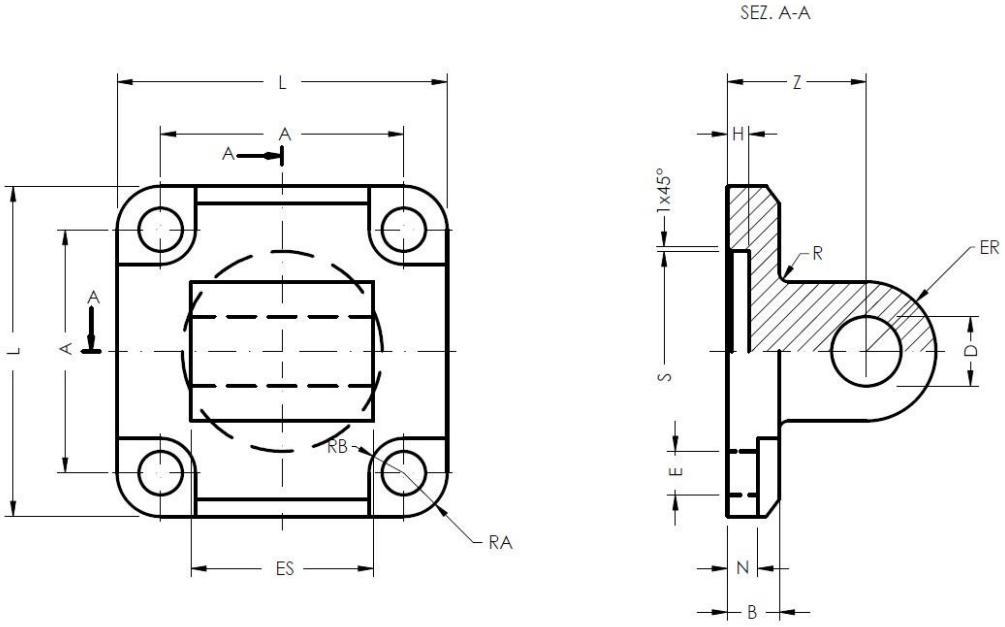
MATERIALE: INOX AISI 316



MATERIAL: STAINLESS STEEL AISI 316

MALE HINGE MP4

ISO 15552




| DIAM. | L +0.5 -0.5 | ES -0.2 -0.6 | A +0.2 -0.2 | Z +0.2 -0.2 | H +1 0 | B +0.5 -0.5 | N +0.5 -0.5 | S H11 | D H9 | E H14 | RB +0.5 0 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 26 | 32.5 | 22 | 5 | 9 | 5.5 | 30 | 10 | 6.6 | 5.5 | 10 | 6.25 | 2 | |
| 40 | 52 | 28 | 38 | 25 | 5 | 9 | 5.5 | 35 | 12 | 6.6 | 5.5 | 12 | 7 | 2 | |
| 50 | 65 | 32 | 46.5 | 27 | 5 | 11 | 6.5 | 40 | 12 | 9 | 7.5 | 12 | 9.25 | 3 | |
| 63 | 75 | 40 | 56.5 | 32 | 5 | 11 | 6.5 | 45 | 16 | 9 | 7.5 | 16 | 9.25 | 3 | |
| 80 | 95 | 50 | 72 | 36 | 5 | 14 | 10 | 45 | 16 | 11 | 9 | 16 | 11.5 | 4 | |
| 100 | 115 | 60 | 89 | 41 | 5 | 14 | 10 | 55 | 20 | 11 | 9 | 20 | 13 | 4 | |
| 125 | 140 | 70 -0.5 -1.2 | 110 | 50 | 7 | 20 | 10 | 60 | 25 | 14 | 10 | 25 | 15 | 5 | |
| 160 | 180 | 90 -0.5 -1.2 | 140 | 55 | 7 | 20 | 10 | 65 | 30 | 18 | 26 | 25 | 20 | 5 | |
| 200 | 220 | 90 -0.5 -1.2 | 175 | 60 | 7 | 25 | 11 | 75 | 30 | 18 | 26 | 25 | 22.5 | 5 | |
| 250 | 270 | 110 -0.5 -1.2 | 220 | 70 | 11 | 25 | 11 | 90 | 40 | 22 | 16.5 | 40 | 25 | - | ON DEMAND |
| 320 | 350 | 120 -0.5 -1.2 | 270 | 80 | 11 | 30 | 15 | 110 | 45 | 26 | 19.5 | 45 | 40 | - | ON DEMAND |

I12



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,160 | I12032 |
| 40 | 0,224 | I12040 |
| 50 | 0,370 | I12050 |
| 63 | 0,630 | I12063 |
| 80 | 1,235 | I12080 |
| 100 | 2,020 | I12100 |
| 125 | 3,540 | I12125 |
| 160 | 5,780 | I12160 |
| 200 | 9,520 | I12200 |
| 250 | | I12250 |
| 320 | | I12320 |

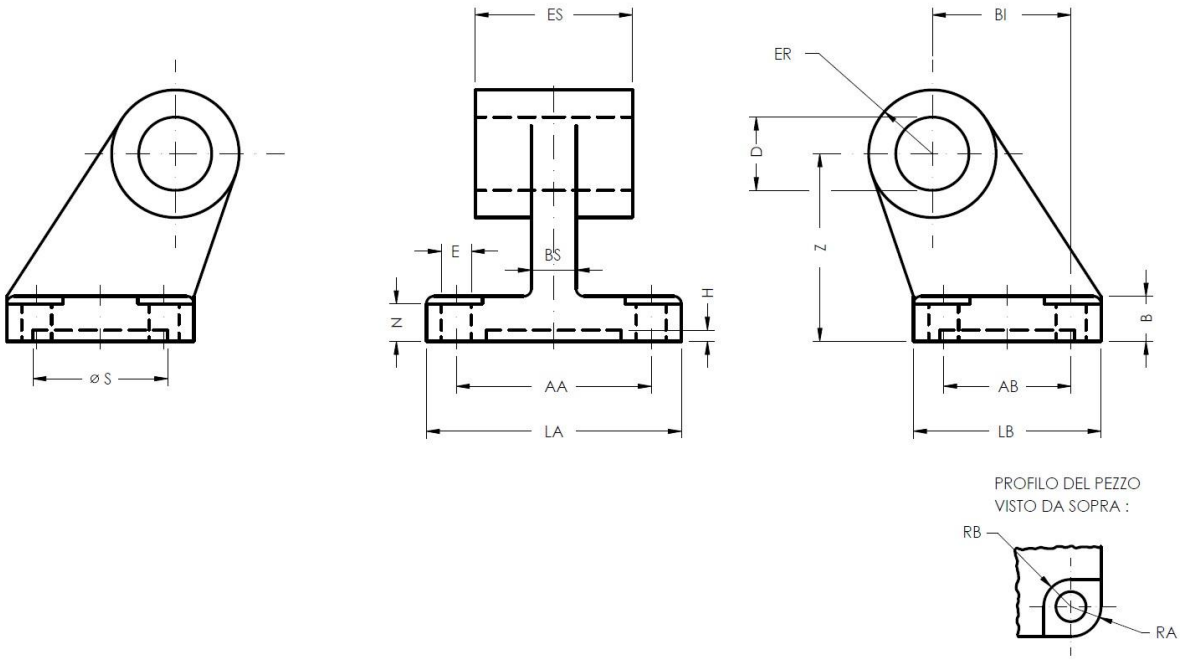
MATERIALE: INOX AISI 304



MATERIAL: STAINLESS STEEL AISI 304

SQUARE JOINT CETOP RP107P

ISO 15552




| DIAM. | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B +0.5 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | ES -0.2 -0.6 | D H9 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS +0.5 -0.5 | RA +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 6.6 | 5.5 | 18 | 31 | 21 | 8 | 32 | 38 | 51 | 10 | 26 | 10 | 6.5 | 21 | 3 | 10 | 6.5 | |
| 40 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 11 | 28 | 12 | 8.5 | 21 | 3 | 12 | 6.5 | |
| 50 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 13 | 32 | 12 | 10.5 | 21 | 3 | 16 | 7.5 | |
| 63 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 15 | 40 | 16 | 10.5 | 21 | 3 | 16 | 7.5 | |
| 80 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 15 | 50 | 16 | 11.5 | 21 | 3 | 20 | 10 | |
| 100 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 19 | 60 | 20 | 12.5 | 11 | 3 | 20 | 10 | |
| 125 | 14 | 10 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 22 | $70^{-0.5}_{-1.2}$ | 25 | 17 | 21 | 3 | 30 | 15 | |

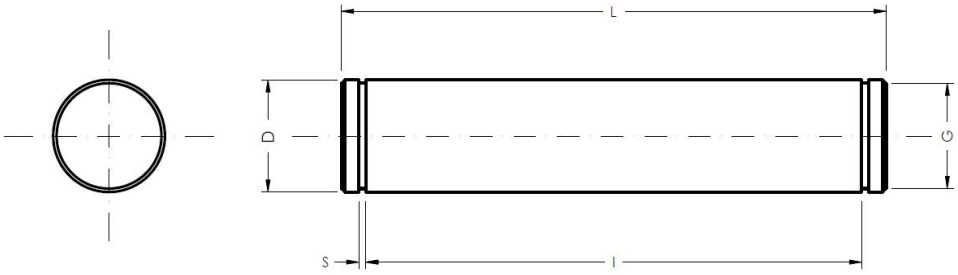
I13



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,156 | I13032 |
| 40 | 0,224 | I13040 |
| 50 | 0,445 | I13050 |
| 63 | 0,578 | I13063 |
| 80 | 0,965 | I13080 |
| 100 | 1,465 | I13100 |
| 125 | 3,120 | I13125 |

PIN ISO

ISO
15552




| Diam. | D<br>e8 | G<br>h11 | S<br>H13 | L<br>+0.5<br>-0.5 | I<br>+0.3<br>0 | Note |
|---|---|---|---|---|---|---|
| 32 | 10 | 9.6 | 1.1 | 53 | 46 | |
| 40 | 12 | 11.5 | 1.1 | 60 | 53 | |
| 50 | 12 | 11.5 | 1.1 | 68 | 61 | |
| 63 | 16 | 15.2 | 1.1 | 78 | 71 | |
| 80 | 16 | 15.2 | 1.1 | 98 | 91 | |
| 100 | 20 | 19 | 1.3 | 118 | 111 | |
| 125 | 25 | 23.9 | 1.3 | 139 | 132 | |
| 160-200 | 30 | 28.6 | 1.6 | 180 | 172 | |
| 250 | 40 | 37.5 | 1.85 | 211 | 202 | On demand |
| 320 | 45 | 42.5 | 1.85 | 234 | 222 | On demand |

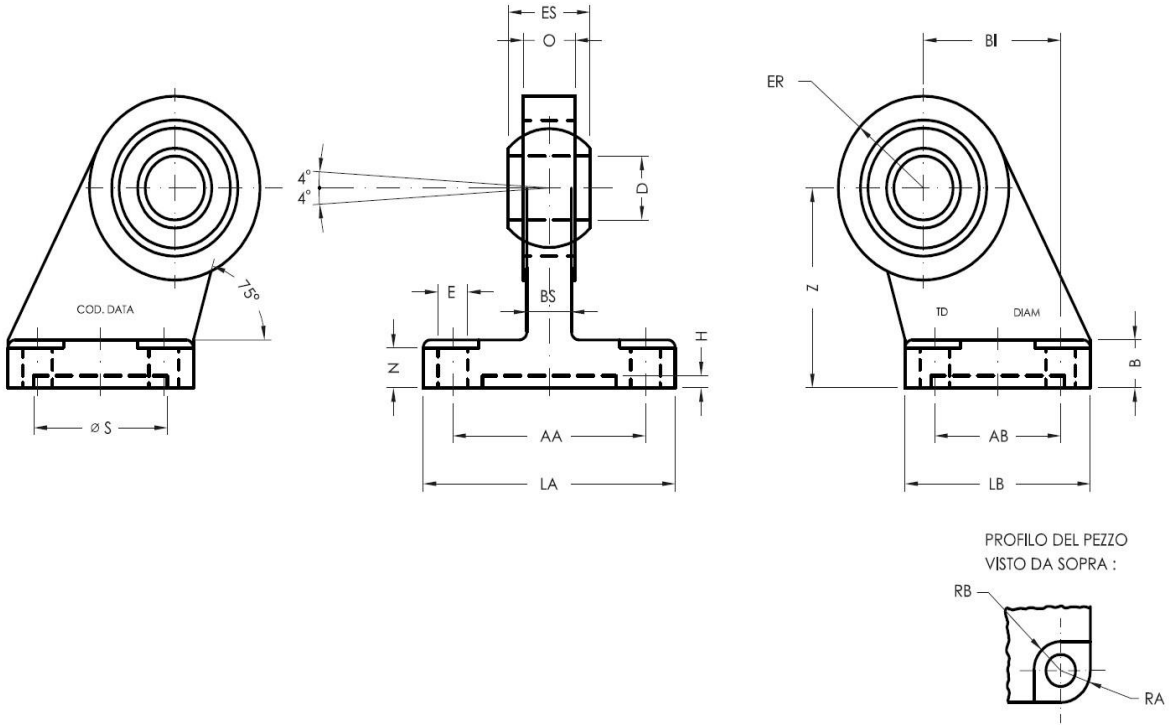
I10



| Diametro<br>Diameter | Peso (kg)<br>Weight (kg) | Codice base<br>Base code |
|---|---|---|
| 32 | 0,030 | I10032 |
| 40 | 0,050 | I10040 |
| 50 | 0,060 | I10050 |
| 63 | 0,120 | I10063 |
| 80 | 0,150 | I10080 |
| 100 | 0,290 | I10100 |
| 125 | 0,530 | I10125 |
| 160-200 | 0,980 | I10160 |
| 250 | | I10250 |
| 320 | | I10320 |

SQUARE JOINT WITH SPHERICAL HEAD DIN 648K

ISO 15552




| Diam. | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B 0 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | O MAX | D H7 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS | RA +0.5 -0.5 | ES 0 -0.1 | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 6.6 | 5.5 | 18 | 31 | 21 | 10 | 32 | 38 | 51 | 15 | 10.5 | 10 | 8.5 | 20 | 5 | 8.5 | 6.5 | 14 | |
| 40 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 18 | 12 | 12 | 8.5 | 25 | 5 | 10 | 6.5 | 16 | |
| 50 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 20 | 15 | 16 | 10.5 | 30 | 5 | 13.5 | 7.5 | 21 | |
| 63 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 23 | 15 | 16 | 10.5 | 35 | 5 | 13.5 | 7.5 | 21 | |
| 80 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 27 | 18 | 20 | 11.5 | 45 | 5 | 15 | 10 | 25 | |
| 100 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 30 | 18 | 20 | 12.5 | 55 | 5 | 15 | 10 | 25 | |
| 125 | 13.5 | 10 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 40 | 25 | 30 | 17 | 65 | 7 | 20 | 15 | 37 | |
| 160 | 14 | 10 | 88 | 125 | 97 | 25 | 115 | 118 | 156 | 42 | 28 | 35 | 21 | - | - | 30 | 19 | 43 | On demand |
| 200 | 18 | 13 | 90 | 130 | 105 | 30 | 135 | 122 | 162 | 42 | 28 | 35 | 26 | - | - | 30 | 20 | 43 | On demand |
| 250 | 22 | 16.5 | 110 | 160 | 128 | 35 | 165 | 150 | 200 | 52 | 35 | 40 | 31 | - | - | 35 | 25 | 49 | On demand |
| 320 | 26 | 19.5 | 122 | 180 | 150 | 40 | 200 | 170 | 230 | 62 | 45 | 50 | 36 | - | - | 45 | 30 | 60 | On demand |

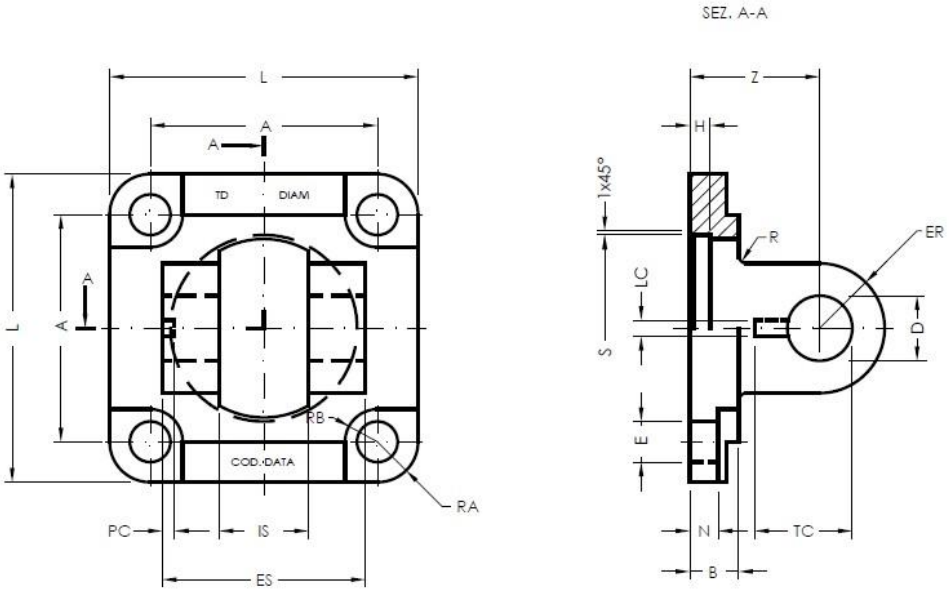
101



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,168 | 101032 |
| 40 | 0,216 | 101040 |
| 50 | 0,420 | 101050 |
| 63 | 0,520 | 101063 |
| 80 | 0,878 | 101080 |
| 100 | 1,220 | 101100 |
| 125 | 2,250 | 101125 |
| 160 | 6,200 | 101160 |
| 200 | 7,800 | 101200 |
| 250 | | 101250 |
| 320 | | 101320 |

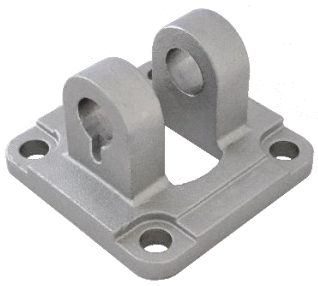
NARROW FEMALE HINGE

ISO 15552




| DIAM. | L +0.5 -0.5 | ES h14 | IS H14 | A +0.2 -0.2 | Z +0.2 -0.2 | H +0.5 0 | B 0 -0.5 | N +0.5 -0.5 | S H11 | D F7 | E H14 | RB +0.5 0 | PC +0.5 0 | LC +0.2 0 | TC 0 -0.5 | ER MAX | RA +0.5 -0.5 | R +0.5 -0.5 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 45 | 34 | 14 | 32.5 | 22 | 5 | 8 | 5.5 | 30 | 10 | 6.6 | 5.5 | 3 | 3.3 | 16.5 | 10 | 6.25 | 2 | |
| 40 | 55 | 40 | 16 | 38 | 25 | 5 | 8 | 5.5 | 35 | 12 | 6.6 | 5.5 | 4 | 4.3 | 18 | 12 | 8.5 | 2 | |
| 50 | 65 | 45 | 21 | 46.5 | 27 | 5 | 10 | 6.5 | 40 | 16 | 9 | 7.5 | 4 | 4.3 | 23 | 15 | 9.25 | 3 | |
| 63 | 75 | 51 | 21 | 56.5 | 32 | 5 | 10 | 6.5 | 45 | 16 | 9 | 7.5 | 4 | 4.3 | 23 | 15 | 9.25 | 3 | |
| 80 | 95 | 65 | 25 | 72 | 36 | 5 | 13 | 10 | 45 | 20 | 11 | 9 | 4 | 4.3 | 27 | 20 | 11.5 | 4 | |
| 100 | 115 | 75 | 25 | 89 | 41 | 5 | 13 | 10 | 55 | 20 | 11 | 9 | 4 | 4.3 | 27 | 20 | 13 | 4 | |
| 125 | 140 | 97 | 37 | 110 | 50 | 7 | 16 | 10 | 60 | 30 | 13.5 | 10 | 6 | 6.3 | 40 | 30 | 15 | 5 | |
| 160 | 180 | 122 | 43 | 140 | 55 | 7 | 20 | 10 | 65 | 35 | 18 | 13 | 6 | 6.3 | 45 | 30 | 20 | - | ON DEMAND |
| 200 | 220 | 122 | 43 | 175 | 60 | 7 | 20 | 11 | 75 | 35 | 18 | 13 | 6 | 6.3 | 45 | 30 | 22 | - | ON DEMAND |
| 250 | 270 | 125 | 49 | 220 | 70 | 11 | 25 | 11 | 90 | 40 | 22 | 16.5 | 8 | 8.3 | 53 | 40 | 25 | - | ON DEMAND |
| 320 | 350 | 150 | 60 | 270 | 80 | 11 | 30 | 15 | 110 | 50 | 26 | 19.5 | 8 | 8.3 | 63 | 50 | 40 | - | ON DEMAND |

102



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 32 | 0,115 | 102032 |
| 40 | 0,193 | 102040 |
| 50 | 0,302 | 102050 |
| 63 | 0,455 | 102063 |
| 80 | 1,020 | 102080 |
| 100 | 1,560 | 102100 |
| 125 | 3,200 | 102125 |
| 160 | 5,900 | 102160 |
| 200 | 8,300 | 102200 |
| 250 | | 102250 |
| 320 | | 102320 |

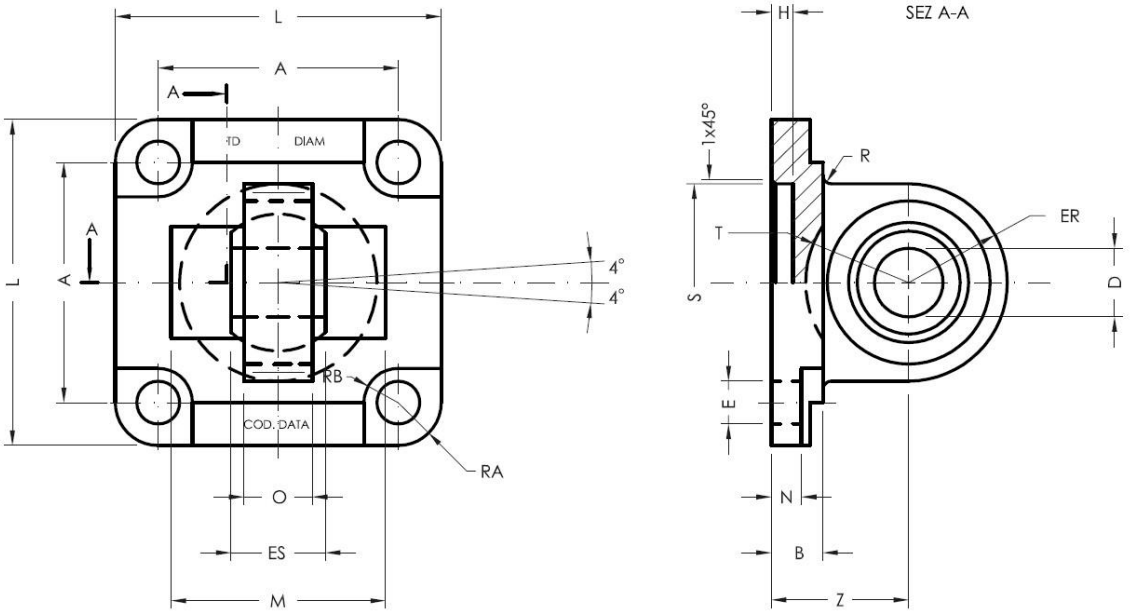
MATERIALE: INOX AISI 316



MATERIAL: STAINLESS STEEL AISI 316

NARROW MALE HINGE WITH SPHERICAL HEAD DIN 648K

ISO 15552




| DIAM. | A +0.2 -0.2 | O MAX | Z JS15 | D H7 | ER MAX | S H11 | B 0 -0.5 | E H14 | L +0.5 -0.5 | RB +0.5 0 | N +0.5 -0.5 | H +0.5 0 | M +0.5 -0.5 | T +0.5 -0.5 | RA +0.5 -0.5 | R +0.5 -0.5 | ES 0 -0.1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 10.5 | 22 | 10 | 15 | 30 | 8 | 6.6 | 45 | 5.5 | 5.5 | 5 | - | - | 6.25 | 2 | 14 | |
| 40 | 38 | 12 | 25 | 12 | 18 | 35 | 8 | 6.6 | 55 | 5.5 | 5.5 | 5 | - | - | 8.5 | 2 | 16 | |
| 50 | 46.5 | 15 | 27 | 16 | 20 | 40 | 10 | 9 | 65 | 7.5 | 6.5 | 5 | 51 | 19 | 9.25 | 3 | 21 | |
| 63 | 56.5 | 15 | 32 | 16 | 23 | 45 | 10 | 9 | 75 | 7.5 | 6.5 | 5 | - | - | 9.25 | 3 | 21 | |
| 80 | 72 | 18 | 36 | 20 | 27 | 45 | 13 | 11 | 95 | 9 | 10 | 5 | 70 | 24 | 11.5 | 4 | 25 | |
| 100 | 89 | 18 | 41 | 20 | 30 | 55 | 13 | 11 | 115 | 9 | 10 | 5 | - | - | 13 | 4 | 25 | |
| 125 | 110 | 25 | 50 | 30 | 40 | 60 | 16 | 13.5 | 140 | 10 | 10 | 7 | 102 | 35 | 15 | 5 | 37 | |
| 160 | 140 | 28 | 55 | 35 | 42 | 65 | 20 | 18 | 180 | 13 | 10 | 7 | - | - | 20 | - | 43 | ON DEMAND |
| 200 | 175 | 28 | 60 | 35 | 42 | 75 | 20 | 18 | 220 | 13 | 11 | 7 | - | - | 22 | - | 43 | ON DEMAND |
| 250 | 220 | 35 | 70 | 40 | 52 | 90 | 25 | 22 | 270 | 16.5 | 11 | 11 | - | - | 25 | - | 49 | ON DEMAND |
| 320 | 270 | 45 | 80 | 50 | 62 | 110 | 30 | 26 | 350 | 19.5 | 15 | 11 | 170 | 56 | 40 | - | 60 | ON DEMAND |

103



| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 32 | 0,126 | 103032 |
| 40 | 0,207 | 103040 |
| 50 | 0,332 | 103050 |
| 63 | 0,485 | 103063 |
| 80 | 1,005 | 103080 |
| 100 | 1,468 | 103100 |
| 125 | 2,970 | 103125 |
| 160 | 6,100 | 103160 |
| 200 | 8,800 | 103200 |
| 250 | | 103250 |
| 320 | | 103320 |

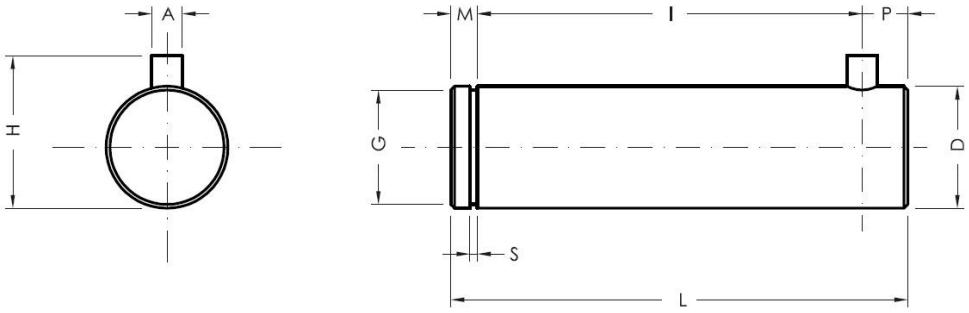
MATERIALE: INOX AISI 316



MATERIAL: STAINLESS STEEL AISI 316

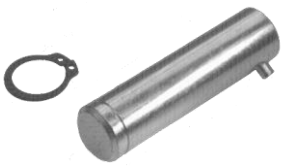
PIN ANTIROTATION

ISO
15552




| DIAM. | A H12 | H D -0.5 | D e8 | G h11 | S H13 | L +0.5 -0.5 | I +0.5 +0.3 | M +0.2 -0.2 | P D -1 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 3 | 14 | 10 | 9.6 | 1.1 | 41 | 32.5 | 4 | 4.5 | |
| 40 | 4 | 16 | 12 | 11.5 | 1.1 | 48 | 38 | 4 | 6 | |
| 50 | 4 | 20 | 16 | 15.2 | 1.1 | 54 | 43 | 5 | 6 | |
| 63 | 4 | 20 | 16 | 15.2 | 1.1 | 60 | 49 | 5 | 6 | |
| 80 | 4 | 24 | 20 | 19 | 1.3 | 75 | 63 | 6 | 6 | |
| 100 | 4 | 24 | 20 | 19 | 1.3 | 85 | 73 | 6 | 6 | |
| 125 | 6 | 36 | 30 | 28.6 | 1.6 | 110 | 94 | 7 | 9 D -2 | |
| 160-200 | 6 | 41 | 35 | 33 | 1.6 | 135 | 119 | 7 | 9 D -2 | ON DEMAND |
| 250 | 8 | 48 | 40 | 37.5 | 1.85 | 140 | 121 | 7 | 12 D -2 | ON DEMAND |
| 320 | 8 | 58 | 50 | 42.5 | 1.85 | 165 | 146 | 7 | 12 D -2 | ON DEMAND |

104



| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 32 | 0,025 | 104032 |
| 40 | 0,042 | 104040 |
| 50 | 0,085 | 104050 |
| 63 | 0,095 | 104063 |
| 80 | 0,185 | 104080 |
| 100 | 0,210 | 104100 |
| 125 | 0,600 | 104125 |
| 160 | | 104160 |
| 250 | | 104250 |
| 320 | | 104320 |

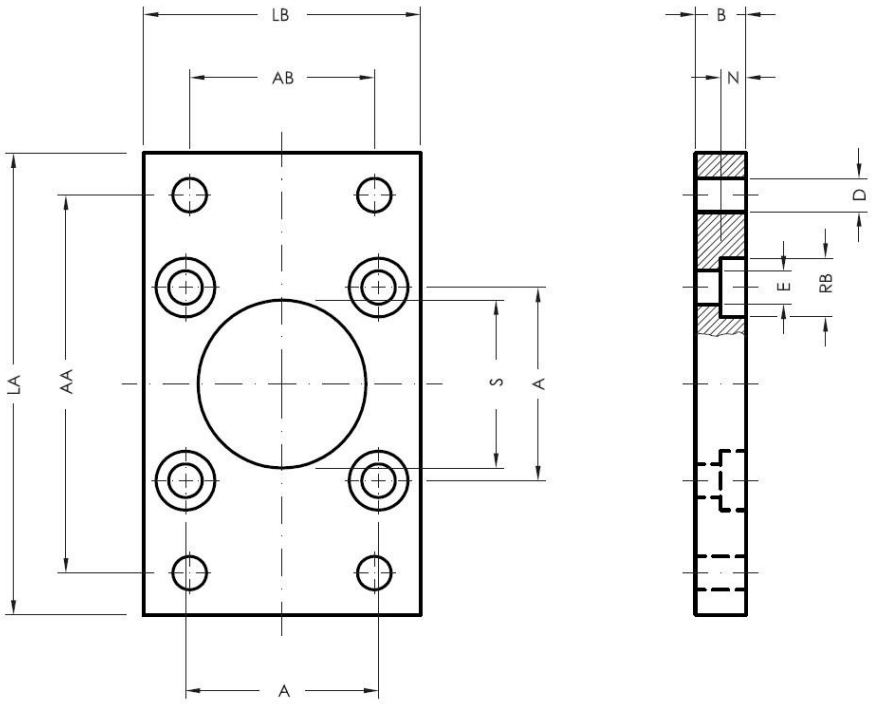
MATERIALE: INOX AISI 316



MATERIAL: STAINLESS STEEL AISI 316

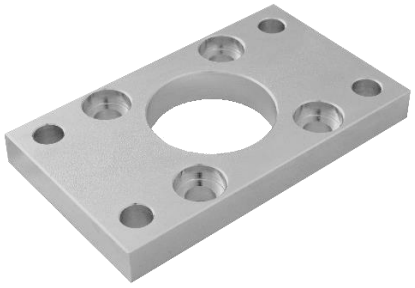
FLANGE MF1-MF2

ISO 15552




| DIAM. | A +0.2 -0.2 | E H13 | RB H13 | N +0.5 0 | AA JS14 | AB JS14 | D H13 | S H11 | LA +0.5 -0.5 | LB +0.5 -0.5 | B +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 6.6 | 10.5 | 5 | 64 | 32 | 7 | 30 | 80 | 45 | 10 | |
| 40 | 38 | 6.6 | 10.5 | 5 | 72 | 36 | 9 | 35 | 90 | 52 | 10 | |
| 50 | 46.5 | 8.5 | 13.5 | 5.5 | 90 | 45 | 9 | 40 | 110 | 65 | 12 | |
| 63 | 56.5 | 8.5 | 13.5 | 5.5 | 100 | 50 | 9 | 45 | 120 | 75 | 12 | |
| 80 | 72 | 10.5 | 16.5 | 7 | 126 | 63 | 12 | 45 | 150 | 95 | 16 | |
| 100 | 89 | 10.5 | 16.5 | 7 | 150 | 75 | 14 | 55 | 170 | 115 | 16 | |
| 125 | 110 | 13.5 | 20 | 9.5 | 180 | 90 | 16 | 60 | 205 | 140 | 20 | ON DEMAND |
| 160 | 140 | 18 | 26 | 10.5 | 230 | 115 | 18 | 65 | 260 | 180 +1. -1. | 20 | ON DEMAND |
| 200 | 175 | 18 | 26 | 12.5 | 270 | 135 | 22 | 75 | 300 | 220 +2. -2. | 25 | ON DEMAND |
| 250 | 220 | 22 | 33 | 14.5 | 330 | 165 | 26 | 90 | 400 +3. -3. | 285 | 25 | ON DEMAND |
| 320 | 270 | 26 | 39 | 15 | 400 | 200 | 33 | 110 | 470 | 350 +3. -3. | 30 | ON DEMAND |

105



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,190 | 105032 |
| 40 | 0,245 | 105040 |
| 50 | 0,492 | 105050 |
| 63 | 0,635 | 105063 |
| 80 | 1,470 | 105080 |
| 100 | 2,020 | 105100 |
| 125 | | 105125 |
| 160 | | 105160 |
| 200 | | 105200 |
| 250 | | 105250 |
| 320 | | 105320 |

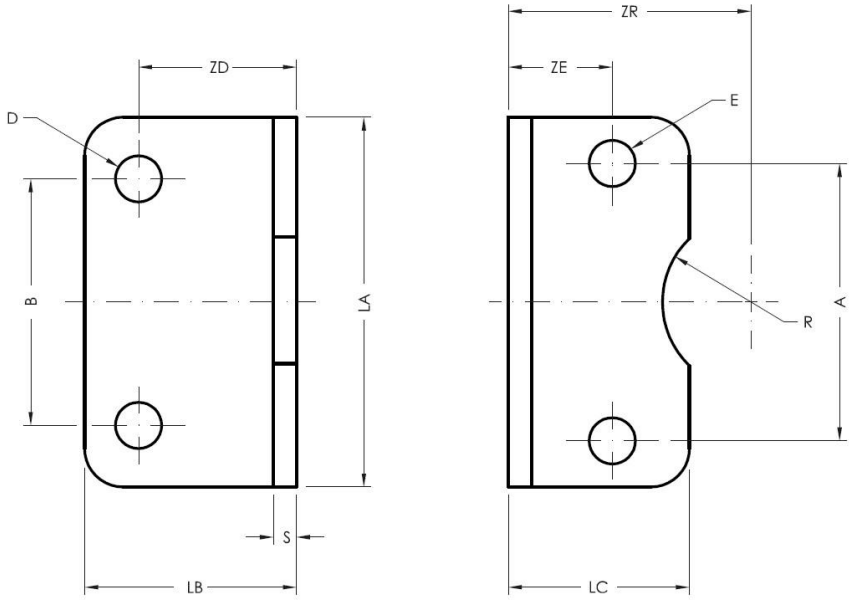
MATERIALE: INOX AISI 304



MATERIAL: STAINLESS STEEL AISI 304

LOW-RISE PEDESTAL MS1

ISO 15552




| DIAM. | A +0.2 -0.2 | E H14 | ZE +0.2 -0.2 | B JS14 | D H14 | ZD +0.2 -0.2 | R H15 | ZR JS15 | S | LA 0 -0.2 | LB +1. -1 | LC +2. 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 7 | 15.75 | 32 | 7 | 24 | 15 | 32 | 4 | 45 | 35 | 30 | |
| 40 | 38 | 7 | 17 | 36 | 10 | 28 | 17.5 | 36 | 4 | 52 | 36 | 30 | |
| 50 | 46.5 | 9 | 21.75 | 45 | 10 | 32 | 20 | 45 | 5 | 65 | 47 | 36 | |
| 63 | 56.5 | 9 | 21.75 | 50 | 10 | 32 | 22.5 | 50 | 5 | 75 | 45 | 35 | |
| 80 | 72 | 11 | 27 | 63 | 12 | 41 | 22.5 | 63 | 6 | 95 | 55 | 47 | |
| 100 | 89 | 11 | 26.5 | 75 | 14 | 41 | 27.5 | 71 | 6 | 115 | 57 | 53 | |
| 125 | 110 | 14 | 35 | 90 | 16.5 | 45 | 30 | 90 | 8 | 140 | 70 | 70 | |
| 160 | 140 | 18 | 45 | 115 | 18.5 | 60 | 32.5 | 115 | 10 | 180 | 75 | 100 | |
| 200 | 175 | 18 | 47.5 | 135 | 24 | 70 | 37.5 | 135 | 10 | 220 | 98 | 108 | |

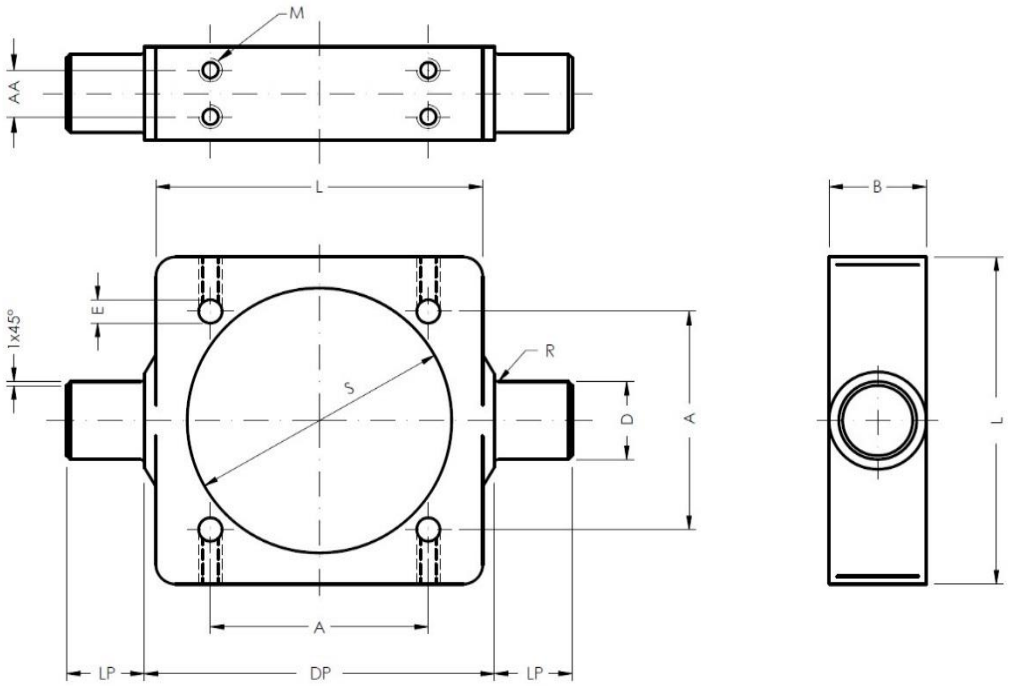
107



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | 0,065 | 107032 |
| 40 | 0,073 | 107040 |
| 50 | 0,152 | 107050 |
| 63 | 0,190 | 107063 |
| 80 | 0,364 | 107080 |
| 100 | 0,480 | 107100 |
| 125 | 0,995 | 107125 |
| 160 | 2,020 | 107160 |
| 200 | 3,000 | 107200 |

INTERMEDIATE HINGE ADJUSTABLE MT4

ISO 15552




| DIAM. | A +0.2 -0.2 | L MAX | DP h14 | LP h14 | D e9 | S +0.2 0 | B MAX | R MAX | E +0.2 0 | M | AA +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 32.5 | 46 | 50 | 12 | 12 | 37 | 15 | 1 | 6.25 | M5 | 7 | |
| 40 | 38 | 59 | 63 | 16 | 16 | 46 | 20 | 1.5 | 6.25 | M5 | 8 | |
| 50 | 46.5 | 69 | 75 | 16 | 16 | 56 | 20 | 1.6 | 8.25 | M6 | 8 | |
| 63 | 56.5 | 84 | 90 | 20 | 20 | 69 | 25 | 1.6 | 8.25 | M6 | 12 | |
| 80 | 72 | 102 | 110 | 20 | 20 | 87 | 25 | 1.6 | 10.25 | M8 | 12 | |
| 100 | 89 | 125 | 132 | 25 | 25 | 107 | 30 | 2 | 10.25 | M8 | 15 | |
| 125 | 110 | 157 | 160 | 25 | 25 | 134 | 32 | 2 | 12.25 | M10 | 15 | |
| 160 | 140 | 190 | 200 | 32 | 32 | 171 | 40 | 2.5 | 16.25 | - | - | CON DADI / WITH NUTS |
| 200 | 175 | 240 | 250 | 32 | 32 | 214 | 40 | 2.5 | 16.25 | - | - | CON DADI / WITH NUTS |

109



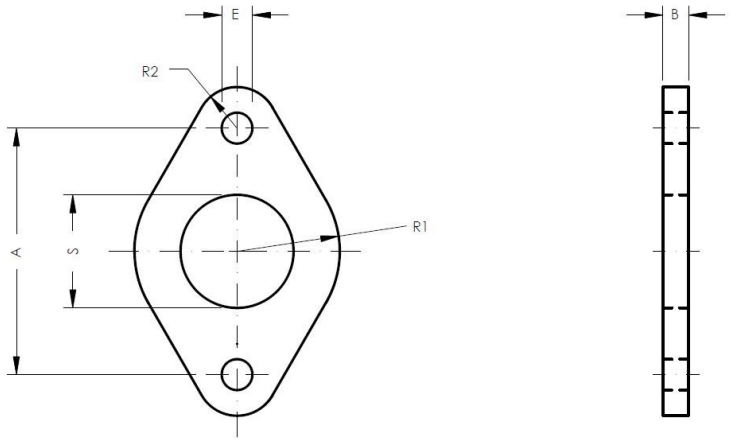
| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 32 | 0,129 | 109032 |
| 40 | 0,315 | 109040 |
| 50 | 0,370 | 109050 |
| 63 | 0,710 | 109063 |
| 80 | 0,910 | 109080 |
| 100 | 1,760 | 109100 |
| 125 | 2,630 | 109125 |
| 160 | 4,310 | 109160 |
| 200 | 7,180 | 109200 |

# ISO 6432
# ACCIAIO
# ISO 6432
# STEEL


| Cod. | | | Pag. |
|---|---|---|---|
| S14 | **Flangia**<br>Flange |  | 43 |
| S15 | **Piedino**<br>Pedestal |  | 44 |
| S16 | **Cerniera femmina (con perno)**<br>Female hinge (with pin) |  | 45 |

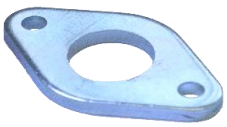
FLANGE

ISO
6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R1 +0.2 -0.2 | R2 +0.2 -0.2 | S +0.3 +0.1 | NOTE |
|---|---|---|---|---|---|---|---|
| 8-10 | 30 | 3 | 4.5 | 11 | 5 | 12 | |
| 12-16 | 40 | 4 | 5.5 | 15 | 6 | 16 | |
| 20-25 | 50 | 5 | 6.5 | 20 | 8 | 22 | |

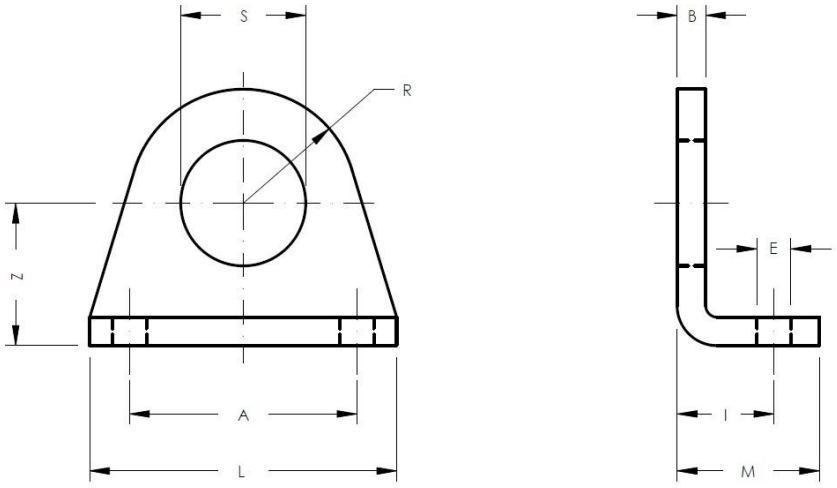
S14



| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 8-10 | 0,013 | S14008 |
| 12-16 | 0,025 | S14012 |
| 20-25 | 0,050 | S14020 |

PEDESTAL

ISO 6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R MAX | S +0.3 +0.1 | I +0.3 0 | L | M | Z +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | 25 | 3 | 4.5 | 10 | 12 | 11 | 35 | 16 | 16 | |
| 12-16 | 32 | 4 | 5.5 | 13 | 16 | 14 | 42 | 20 | 20 | |
| 20-25 | 40 | 5 | 6.6 | 20 | 22 | 17 | 54 | 25 | 25 | |

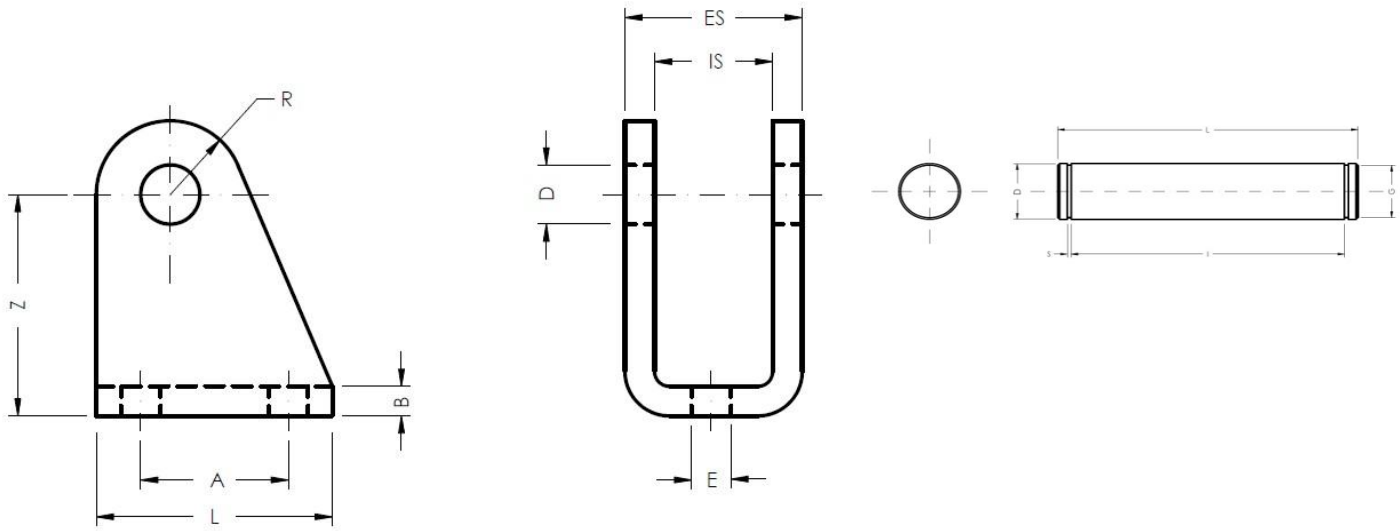
S15



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 8-10 | 0,020 | S15008 |
| 12-16 | 0,042 | S15012 |
| 20-25 | 0,090 | S15020 |

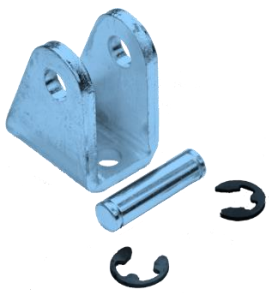
FEMALE HINGE (WITH PIN)

ISO 6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R MAX | D F8 | L | Z +0.2 -0.2 | IS +0.2 0 | ES | D f7 | G +0.1 0 | S +0.1 0 | L +0.5 0 | I +0.3 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | 12.5 | 2.5 | 4.5 | 5 | 4 | 22 | 24 | 8.1 | 13 | 4 | 2.3 | 0.8 | 18 | 14 | |
| 12-16 | 15 | 3 | 5.5 | 7 | 6 | 25 | 27 | 12.1 | 18 | 6 | 5 | 1 | 24 | 19 | |
| 20-25 | 20 | 4 | 6.6 | 10 | 8 | 32 | 30 | 16.1 | 24 | 8 | 7 | 1,3 | 30 | 25 | |

S16



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 8-10 | 0,020 | S16008 |
| 12-16 | 0,034 | S16012 |
| 20-25 | 0,078 | S16020 |

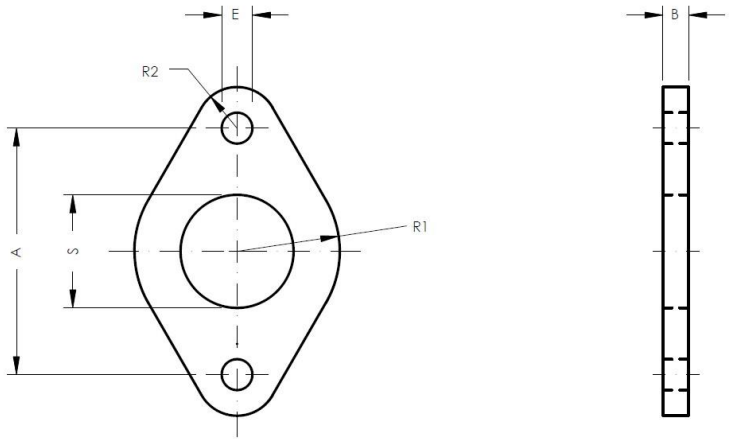
# ISO 6432
# INOX

# ISO 6432
# STAINLESS STEEL


| Cod. | | | Pag. |
|---|---|---|---|
| S14 | **Flangia**<br>Flange |  | 47 |
| S15 | **Piedino**<br>Pedestal |  | 48 |
| S16 | **Cerniera femmina (con perno)**<br>Female hinge (with pin) |  | 49 |

FLANGE

ISO
6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R1 +0.2 -0.2 | R2 +0.2 -0.2 | S +0.3 +0.1 | NOTE |
|---|---|---|---|---|---|---|---|
| 8-10 | 30 | 3 | 4.5 | 11 | 5 | 12 | |
| 12-16 | 40 | 4 | 5.5 | 15 | 6 | 16 | |
| 20-25 | 50 | 5 | 6.5 | 20 | 8 | 22 | |

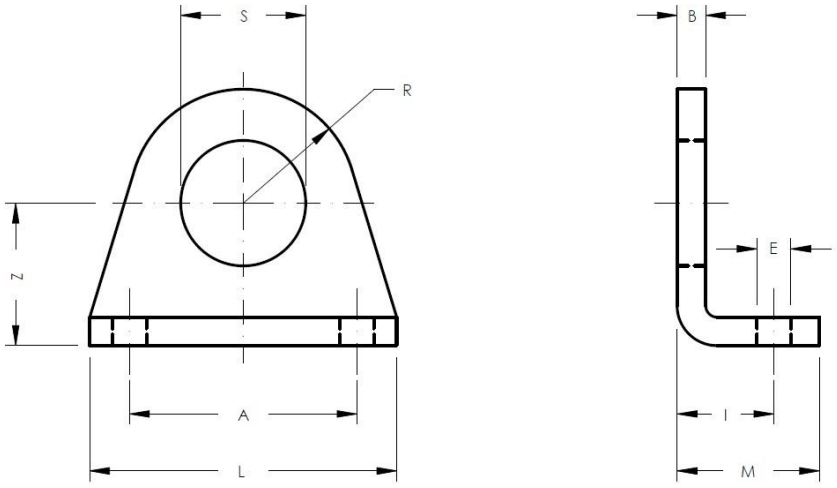
114



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 8-10 | 0,013 | 114008 |
| 12-16 | 0,025 | 114012 |
| 20-25 | 0,050 | 114020 |

PEDESTAL

ISO 6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R MAX | S +0.3 +0.1 | I +0.3 0 | L | M | Z +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | 25 | 3 | 4.5 | 10 | 12 | 11 | 35 | 16 | 16 | |
| 12-16 | 32 | 4 | 5.5 | 13 | 16 | 14 | 42 | 20 | 20 | |
| 20-25 | 40 | 5 | 6.6 | 20 | 22 | 17 | 54 | 25 | 25 | |

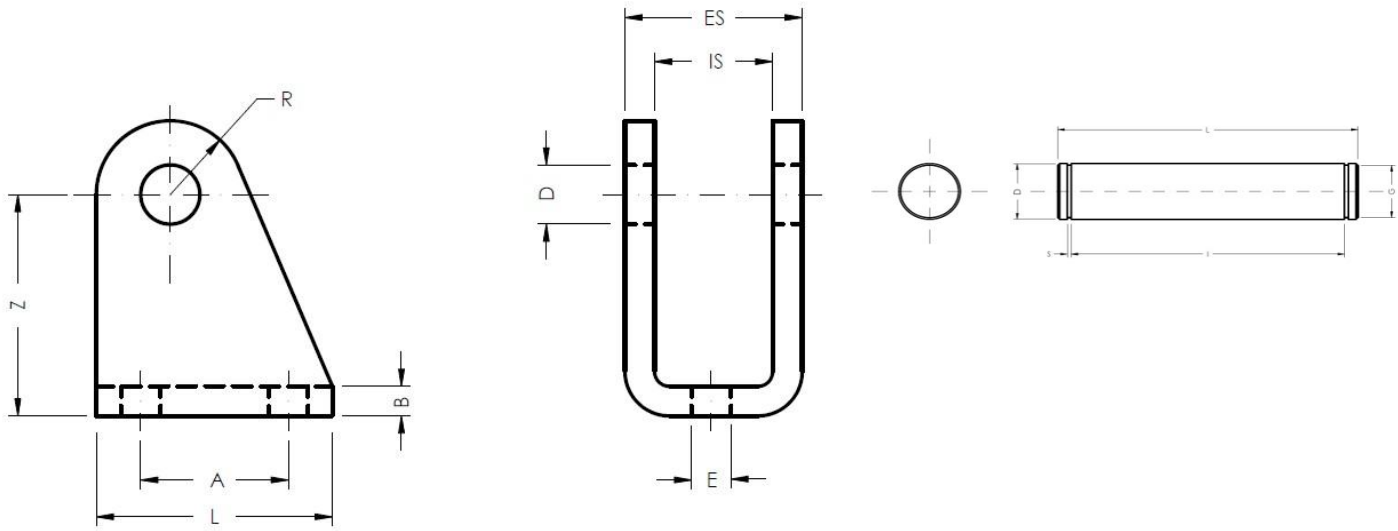
I15



| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 8-10 | 0,020 | I15008 |
| 12-16 | 0,042 | I15012 |
| 20-25 | 0,090 | I15020 |

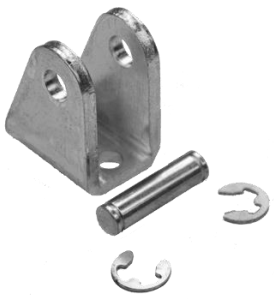
FEMALE HINGE (WITH PIN)

ISO 6432




| DIAM. | A JS13 | B +0.2 -0.2 | E H13 | R MAX | D F8 | L | Z +0.2 -0.2 | IS +0.2 0 | ES | D f7 | G +0.1 0 | S +0.1 0 | L +0.5 0 | I +0.3 0 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | 12.5 | 2.5 | 4.5 | 5 | 4 | 22 | 24 | 8.1 | 13 | 4 | 2.3 | 0.8 | 18 | 14 | |
| 12-16 | 15 | 3 | 5.5 | 7 | 6 | 25 | 27 | 12.1 | 18 | 6 | 5 | 1 | 24 | 19 | |
| 20-25 | 20 | 4 | 6.6 | 10 | 8 | 32 | 30 | 16.1 | 24 | 8 | 7 | 1.3 | 30 | 25 | |

I16

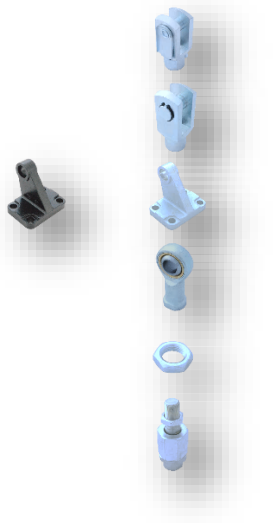


| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 8-10 | 0,020 | I16008 |
| 12-16 | 0,034 | I16012 |
| 20-25 | 0,078 | I16020 |

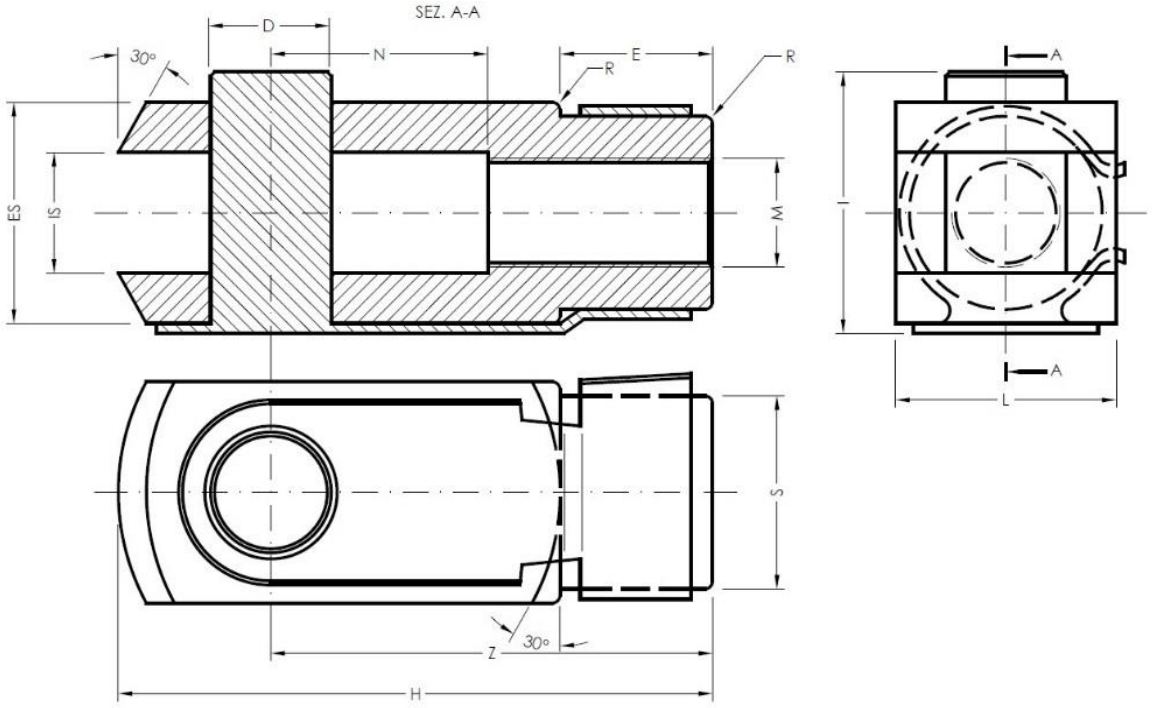
# ACCESSORI STELO ACCIAIO

# ROD ACCESSORIES STEEL


| Cod. | | Pag. |
|---|---|---|
| S41 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con clip)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with clip) | 51 |
| S41 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con perno)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with pin) | 52 |
| S42 | **Articolazione a squadra Cetop RP107P stretta per forcella DIN 71752**<br>Narrow square joint Cetop RP107P for fork DIN 71752 | 53 |
| S43 | **Testa a snodo DIN ISO 12240-4 serie K - Filetto ISO 8139 Cetop**<br>Rod end bearing DIN ISO 12240-4 K series - Thread ISO 8139 Cetop | 54 |
| S44 | **Dado esagonale UNI 5589 DIN 936**<br>Hexagonal nut UNI 5589 DIN 936 | 55 |
| S45 | **Snodo autoallineante**<br>Self-aligning joint | 56 |
| S46 | **Flangia autoallineante**<br>Self-aligning flange | 57 |

FEMALE FORK DIN 71752 - THREAD ISO 8140 CETOP (WITH CLIP)



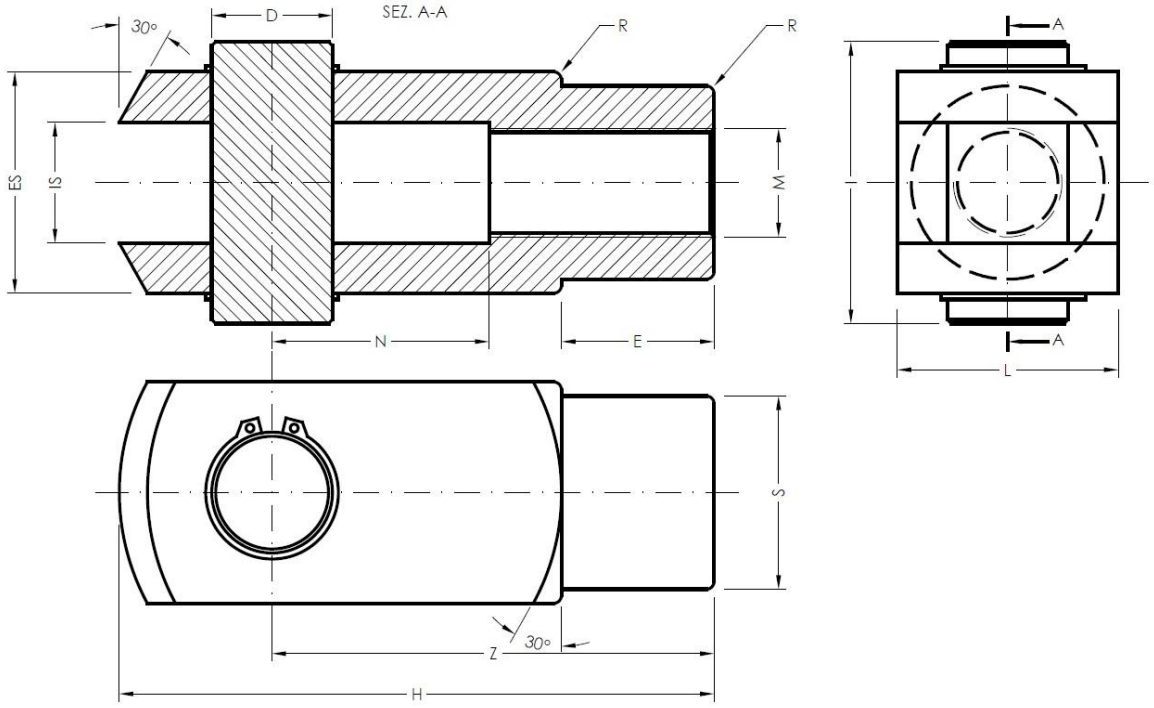

| DIAM. | TIPO | M | L h11 | ES +0.3 -0.2 | IS +0.70 +0.15 | D | Z +0.4 -0.4 | I +0.7 0 | H +0.5 -0.5 | N +0.5 -0.5 | E +0.2 -0.2 | S +0.3 -0.3 | R +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 8 | 8 | 4 | 4 | 16 | 11 | 21 | 8 | 6 | 8 | 0.5 | |
| 12-16 | ISO | M6x1 | 12 | 12 | 6 | 6 | 24 | 16 | 31 | 12 | 9 | 10 | 0.5 | |
| 20 | ISO | M8x1.25 | 16 | 16 | 8 | 8 | 32 | 21 | 42 | 16 | 12 | 14 | 0.5 | |
| 25-32 | ISO | M10x1.25 | 20 | 20 | 10 | 10 | 40 | 26 | 52 | 20 | 15 | 18 | 0.5 | |
| 32 | DIN | M10x1.5 | 20 | 20 | 10 | 10 | 40 | 26 | 52 | 20 | 15 | 18 | 0.5 | |
| 40 | ISO | M12x1.25 | 24 | 24 | 12 | 12 | 48 | 30 | 62 | 24 | 18 | 20 | 0.5 | |
| 40 | DIN | M12x1.75 | 24 | 24 | 12 | 12 | 48 | 30 | 62 | 24 | 18 | 20 | 0.5 | |
| 50-63 | ISO | M16x1.5 | 32 | 32 | 16 | 16 | 64 | 39 | 83 | 32 | 24 | 26 | 1 | |
| 50-63 | DIN | M16x2 | 32 | 32 | 16 | 16 | 64 | 39 | 83 | 32 | 24 | 26 | 1 | |
| 80-100 | ISO | M20x1.5 | 40 | 40 | 20 | 20 | 80 | 49 | 105 | 40 | 30 | 34 | 1.5 | |

S41



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 8-10 | 0,007 | S41M04I |
| 12-16 | 0,020 | S41M06I |
| 20 | 0,047 | S41M08I |
| 25-32 | 0,090 | S41M10I |
| 32 | 0,090 | S41M10D |
| 40 | 0,148 | S41M12I |
| 40 | 0,148 | S41M12D |
| 50-63 | 0,335 | S41M16I |
| 50-63 | 0,335 | S41M16D |
| 80-100 | 0,678 | S41M20I |

FEMALE FORK DIN 71752 - THREAD ISO 8140 CETOP (WITH PIN)



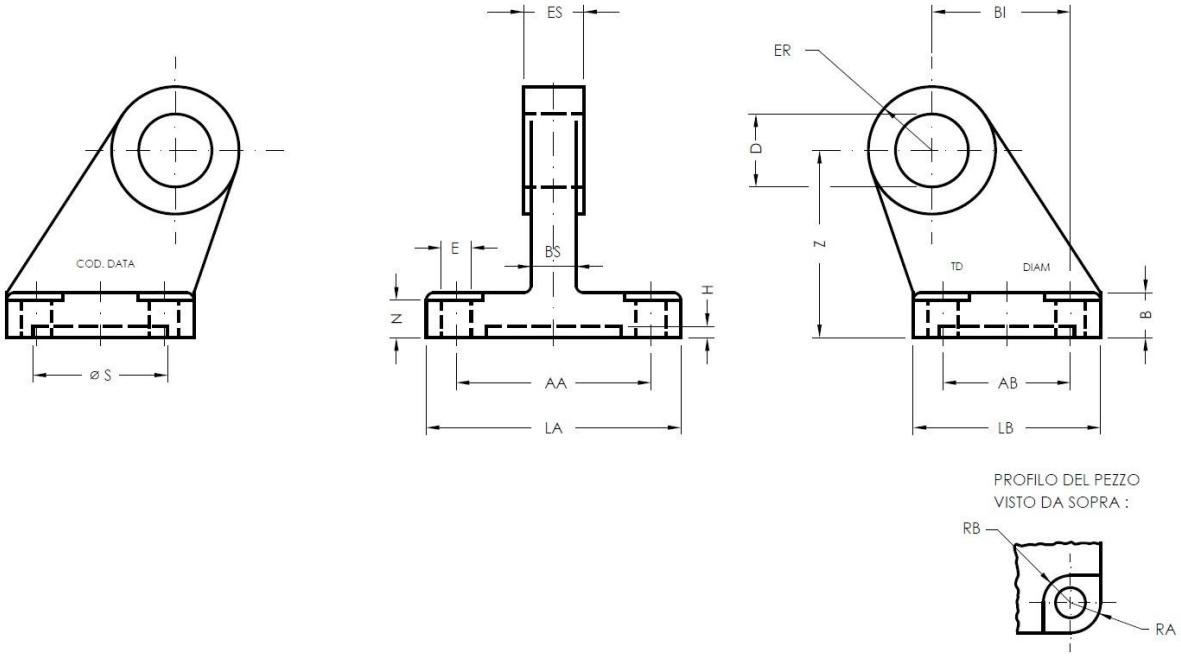

| Diam. | Tipo | M | L h11 | ES +0.3 -0.2 | IS +0.70 +0.15 | D | Z +0.4 -0.4 | I +0.5 0 | H +0.5 -0.5 | N +0.5 -0.5 | E +0.2 -0.2 | S +0.3 -0.3 | R +0.2 -0.2 | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 125 | ISO | M27x2 | 55 | 55 | 30 | 30 | 110 | 65 | 148 | 54 | 38 | 48 | 2 | |
| 160-200 | DIN | M36x2 | 70 | 70 | 35 | 35 | 144 | 84 | 188 | 72 | 40 | 60 | 3 | |
| 250 | DIN | M42x2 | 85 | 85 | 40 | 40 | 168 | 104.3 | 232 | 84 | 63.5 | 70 | 5 | |
| 320 | DIN | M48x2 | 96 | 96 | 50 | 50 | 192 | 117.3 | 265 | 96 | 73 | 82 | 5 | |

S41



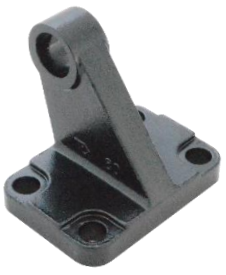
| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 125 | 1,835 | S41M27I |
| 160-200 | 3,875 | S41M36D |
| 250 | 6,750 | S41M42D |
| 320 | 9,660 | S41M48D |

## NARROW SQUARE JOINT CETOP RP107P FOR FORK DIN 71752




| Diam. | For | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B +0.5 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | ES -0.2 -0.6 | D H9 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS | RA +0.5 -0.5 | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | M10 | 6.6 | 5.5 | 18 | 31 | 21 | 8 | 32 | 38 | 51 | 10 | 10 | 10 | 6.5 | 20 | 5 | 8.5 | 6.5 | On demand |
| 40 | M12 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 11 | 12 | 12 | 8.5 | 25 | 5 | 10 | 6.5 | On demand |
| 50 | M16 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 13 | 16 | 16 | 10.5 | 30 | 5 | 13.5 | 7.5 | On demand |
| 63 | M16 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 15 | 16 | 16 | 10.5 | 35 | 5 | 13.5 | 7.5 | On demand |
| 80 | M20 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 15 | 20 | 20 | 11.5 | 45 | 5 | 15 | 10 | On demand |
| 100 | M20 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 18 | 20 | 20 | 12.5 | 55 | 5 | 15 | 10 | On demand |

S42





| DIAMETRO DIAMETER | PESO (KG) WEIGHT (KG) | CODICE BASE BASE CODE |
|---|---|---|
| 32 | | S42032 |
| 40 | | S42040 |
| 50 | | S42050 |
| 63 | | S42063 |
| 80 | | S42080 |
| 100 | | S42100 |

* Disponibile anche con trattamento di zincatura bianca / Available also with treatment of white zinc coating

**Trattamento: Cataforesi nera ***

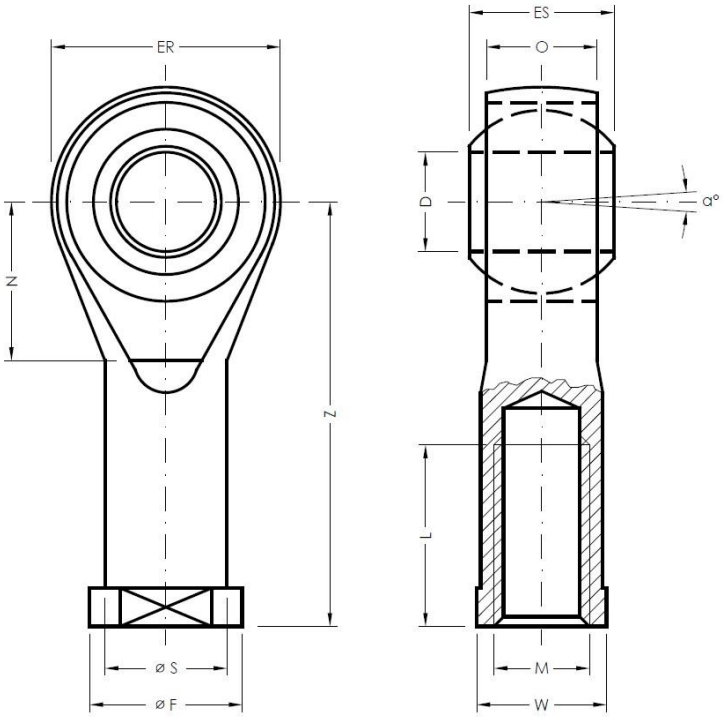
Treatment: Black Cataphoresis *



**Materiale: Acciaio**

Material: Steel

# ROD END BEARING DIN ISO 12240-4 K SERIES - THREAD ISO 8139 CETOP



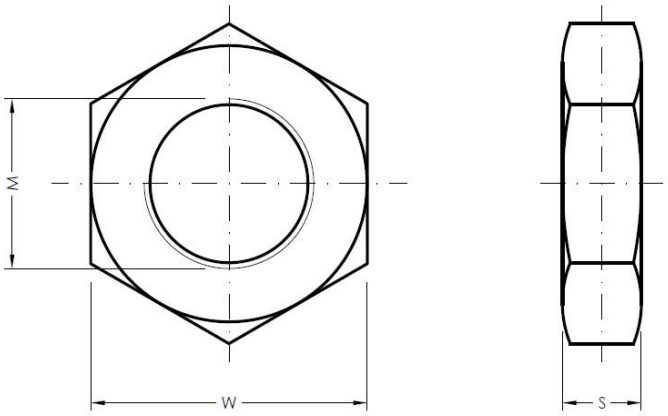

| Diam. | Tipo | M | L | ES<br>0<br>-0.1 | O | D<br>H7 | Z<br>+0.4<br>-0.4 | A° | N | W | S | F | ER<br>MAX | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 10 | 8 | 6 | 5 | 27 | 13° | 10 | 9 | 9 | 11 | 18 | |
| 12-16 | ISO | M6x1 | 12 | 9 | 6.75 | 6 | 30 | 13° | 11 | 11 | 10 | 13 | 20 | |
| 20 | ISO | M8x1.25 | 16 | 12 | 9 | 8 | 36 | 14° | 13 | 14 | 12.5 | 16 | 24 | |
| 25-32 | ISO | M10x1.25 | 20 | 14 | 10.5 | 10 | 43 | 13° | 15 | 17 | 15 | 19 | 28 | |
| 32 | DIN | M10x1.5 | 20 | 14 | 10.5 | 10 | 43 | 13° | 15 | 17 | 15 | 19 | 28 | |
| 40 | ISO | M12x1.25 | 22 | 16 | 12 | 12 | 50 | 13° | 17 | 19 | 17.5 | 22 | 32 | |
| 40 | DIN | M12x1.75 | 22 | 16 | 12 | 12 | 50 | 13° | 17 | 19 | 17.5 | 22 | 32 | |
| 50-63 | ISO | M16x1.5 | 28 | 21 | 15 | 16 | 64 | 15° | 23 | 22 | 22 | 27 | 42 | |
| 50-63 | DIN | M16x2 | 28 | 21 | 15 | 16 | 64 | 15° | 23 | 22 | 22 | 27 | 42 | |
| 80-100 | ISO | M20x1.5 | 33 | 25 | 18 | 20 | 77 | 14° | 27 | 30 | 27.5 | 34 | 50 | |
| 125 | ISO | M27x2 | 51 | 37 | 25 | 30 | 110 | 17° | 36 | 41 | 40 | 50 | 70 | |
| 160-200 | DIN | M36x2 | 56 | 43 | 28 | 35 | 125 | 19° | 41 | 50 | 46 | 58 | 80 | |
| 250 | DIN | M42x2 | 60 | 49 | 33 | 40 | 142 | 16° | 45 | 55 | 53 | 65 | 91 | |
| 320 | DIN | M48x2 | 65 | 60 | 45 | 50 | 160 | 14° | 58 | 65 | 65 | 75 | 115 | |

S43



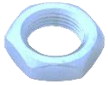
| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 8-10 | 0,018 | S43M04I |
| 12-16 | 0,025 | S43M06I |
| 20 | 0,044 | S43M08I |
| 25-32 | 0,072 | S43M10I |
| 32 | 0,072 | S43M10D |
| 40 | 0,110 | S43M12I |
| 40 | 0,110 | S43M12D |
| 50-63 | 0,214 | S43M16I |
| 50-63 | 0,214 | S43M16D |
| 80-100 | 0,398 | S43M20I |
| 125 | 1,207 | S43M27I |
| 160-200 | 1,668 | S43M36D |
| 250 | 2,400 | S43M42D |
| 320 | 4,730 | S43M48D |

HEXAGONAL NUT UNI 5589 DIN 936



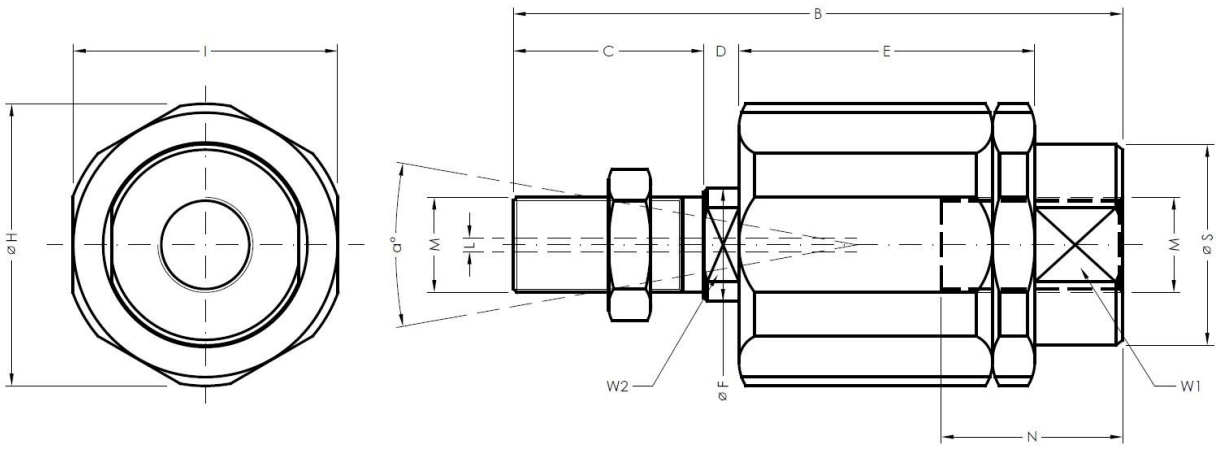

| Diam. | Tipo | M | S | W | Note |
|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 3.2 | 7 | |
| 12-16 | ISO | M6x1 | 4 | 10 | |
| 20 | ISO | M8x1.25 | 5 | 13 | |
| 25-32 | ISO | M10x1.25 | 6 | 17 | |
| 32 | DIN | M10x1.5 | 6 | 17 | |
| 40 | ISO | M12x1.25 | 7 | 19 | |
| 40 | DIN | M12x1.75 | 7 | 19 | |
| 50-63 | ISO | M16x1.5 | 8 | 24 | |
| 50-63 | DIN | M16x2 | 8 | 24 | |
| 80-100 | ISO | M20x1.5 | 9 | 30 | |
| 125 | ISO | M27x2 | 12 | 41 | |
| 160-200 | DIN | M36x2 | 14 | 55 | On demand |
| 250 | DIN | M42x2 | 16 | 65 | On demand |
| 320 | DIN | M48x2 | 18 | 75 | On demand |

S44



| Diametro<br>Diameter | Peso (kg)<br>Weight (kg) | Codice base<br>Base code |
|---|---|---|
| 8-10 | 0,001 | S44M04I |
| 12-16 | 0,002 | S44M06I |
| 20 | 0,003 | S44M08I |
| 25-32 | 0,006 | S44M10I |
| 32 | 0,006 | S44M10D |
| 40 | 0,011 | S44M12I |
| 40 | 0,011 | S44M12D |
| 50-63 | 0,014 | S44M16I |
| 50-63 | 0,014 | S44M16D |
| 80-100 | 0,029 | S44M20I |
| 125 | 0,081 | S44M27I |
| 160-200 | 0,184 | S44M36D |
| 250 | 0,282 | S44M42D |
| 320 | 0,428 | S44M48D |

SELF-ALIGNING JOINT



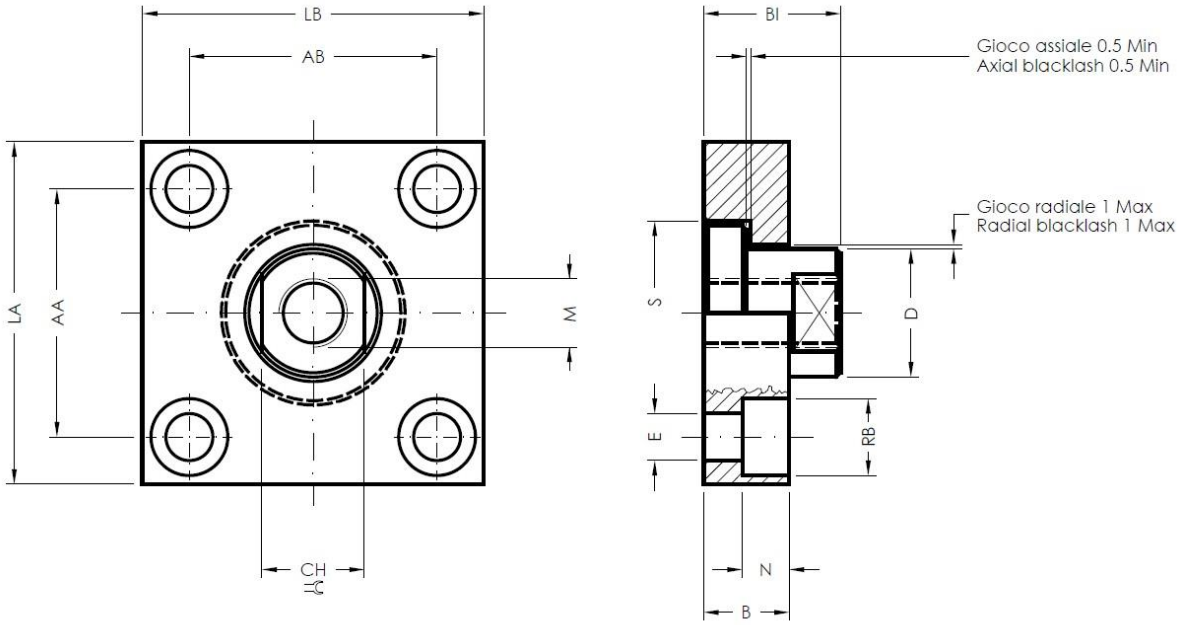

| Diam. | Tipo | M | B +1.5 -1.5 | C | D | E | F +0.3 -0.3 | S +0.3 -0.3 | H +0.3 -0.3 | I +0.3 -0.3 | L | N | W1 | W2 | A° | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12-16 | ISO | M6x1 | 36.5 | 11 | 3.5 | 18.5 | 6 | 8.5 | 14.5 | 13 | 1 | 12.5 | 7 | 5 | 6° | |
| 20 | ISO | M8x1.25 | 58 | 21 | 4 | 28.5 | 8 | 12.5 | 19 | 17 | 2 | 16 | 11 | 7 | 8° | |
| 25-32 | ISO | M10x1.25 | 74.5 | 23 | 6.5 | 36 | 14 | 22 | 32 | 30 | 2 | 22 | 19 | 12 | 8° | |
| 32 | DIN | M10x1.5 | 74.5 | 23 | 6.5 | 36 | 14 | 22 | 32 | 30 | 2 | 22 | 19 | 12 | 8° | |
| 40 | ISO | M12x1.25 | 75 | 24 | 6.5 | 36 | 14 | 22 | 32 | 30 | 2 | 22 | 19 | 12 | 8° | |
| 40 | DIN | M12x1.75 | 75 | 24 | 6.5 | 36 | 14 | 22 | 32 | 30 | 2 | 22 | 20 | 12 | 9° | |
| 50-63 | ISO | M16x1.5 | 103 | 30 | 10 | 53 | 22 | 32 | 45 | 41 | 2 | 30 | 30 | 20 | 6° | |
| 80-100 | ISO | M20x1.5 | 119 | 40 | 6.5 | 53 | 22 | 32 | 45 | 41 | 2 | 37 | 30 | 20 | 6° | |
| 125 | ISO | M27x2 | 147 | 54 | 10 | 71 | - | 59 | 60 | 55 | 2 | 40 | 32 | 24 | 8° | |
| 160-200 | DIN | M36x2 | 241 | 72 | 15.5 | 125 | - | 56 | 80 | 75 | 2 | 40 | 50 | 36 | 8° | On demand |
| 250 | DIN | M42x2 | 271 | 83 | 18 | 148 | - | 60 | 98 | 85 | 2 | 80 | 60 | 36 | 4° | On demand |
| 320 | DIN | M48x2 | 271 | 83 | 18 | 148 | - | 60 | 98 | 85 | 2 | 80 | 60 | 42 | 4° | On demand |

S45



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 12-16 | 0,019 | S45M06I |
| 20 | 0,057 | S45M08I |
| 25-32 | 0,226 | S45M10I |
| 32 | 0,226 | S45M10D |
| 40 | 0,229 | S45M12I |
| 40 | 0,229 | S45M12D |
| 50-63 | 0,634 | S45M16I |
| 80-100 | 0,695 | S45M20I |
| 125 | 1,600 | S45M27I |
| 160-200 | 5,100 | S45M36D |
| 250 | 9,200 | S45M42D |
| 320 | | S45M48D |

SELF-ALIGNING FLANGE




| Diam. | Tipo | M | E H13 | RB H13 | N +0.5 0 | AA +0.2 -0.2 | AB +0.2 -0.2 | D H11 | S 0 -0.2 | LA +0.5 -0.5 | LB +0.5 -0.5 | B +0.2 -0.2 | BI +0.5 -0.5 | CH | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25-32 | ISO | M10x1.25 | 6.6 | 11 | 7 | 36 | 23 | 20 | 30 | 60 | 37 | 15 | 24 | 17 | On demand |
| 40 | ISO | M12x1.25 | 9 | 15 | 9 | 42 | 38 | 25 | 40 | 60 | 56 | 20 | 30 | 19 | On demand |
| 50-63 | ISO | M16x1.5 | 11 | 18 | 11 | 58 | 58 | 30 | 40 | 80 | 80 | 20 | 32 | 24 | On demand |
| 80-100 | ISO | M20x1.5 | 14 | 20 | 13 | 65 | 65 | 40 | 55 | 90 | 90 | 20 | 35 | 36 | On demand |
| 125 | ISO | M27x2 | 14 | 20 | 13 | 65 | 65 | 40 | 55 | 90 | 90 | 20 | 35 | 36 | On demand |
| 160-200 | DIN | M36x2 | 18 | 26 | 17 | 90 | 90 | 60 | 72 | 125 | 125 | 30 | 55 | 50 | On demand |

Nota: A richiesta è possibile realizzarle anche a disegno del Cliente!

Note: On demand it is possible to realize them also on Customer's drawing!

S46

# ON DEMAND

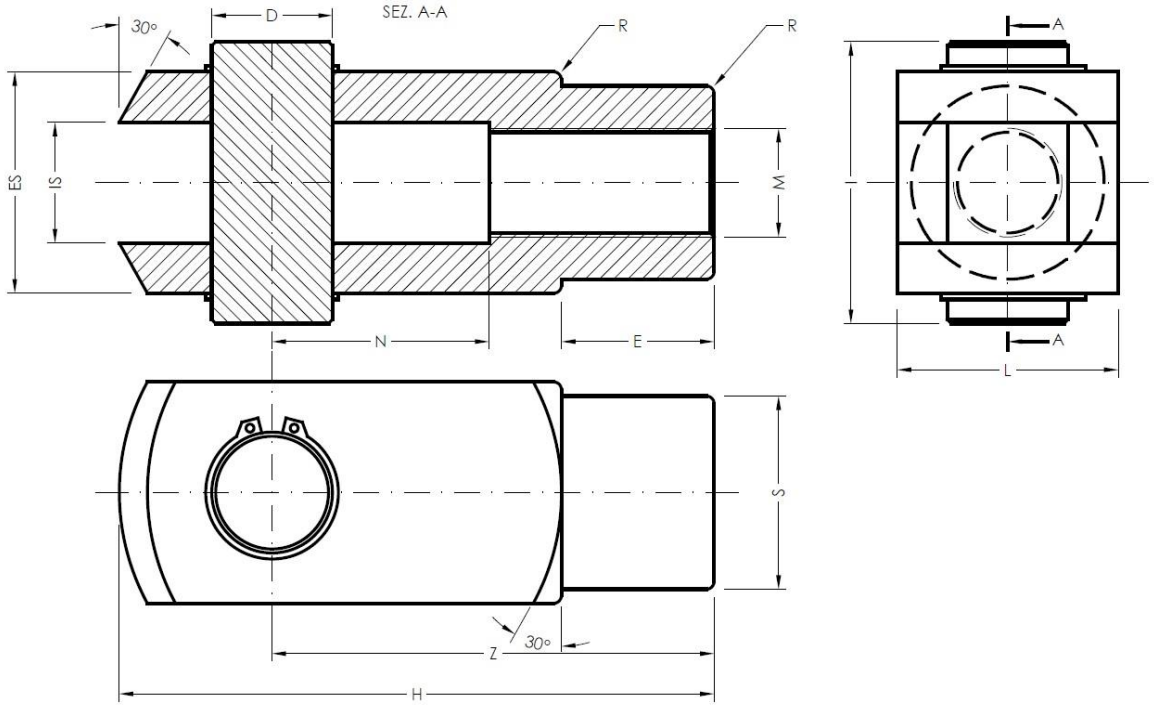
| Diametro / Diameter | Peso (kg) / Weight (kg) | Codice base / Base code |
|---|---|---|
| 25-32 | | S46M10I |
| 40 | | S46M12I |
| 50-63 | | S46M16I |
| 80-100 | | S46M20I |
| 125 | | S46M27I |
| 160-200 | | S46M36D |

# ACCESSORI STELO INOX

# ROD ACCESSORIES STAINLESS STEEL


| Cod. | | | Pag. |
|---|---|---|---|
| 141 | **Forcella femmina DIN 71752 - Filetto ISO 8140 Cetop (con perno)**<br>Female fork DIN 71752 - Thread ISO 8140 Cetop (with pin) |  | 59 |
| 142 | **Articolazione a squadra Cetop RP107P stretta per forcella DIN 71752**<br>Narrow square joint Cetop RP107P for fork DIN 71752 |  | 60 |
| 143 | **Testa a snodo DIN ISO 12240-4 serie K - Filetto ISO 8139 Cetop**<br>Rod end bearing DIN ISO 12240-4 K series - Thread ISO 8139 Cetop |  | 61 |
| 144 | **Dado esagonale UNI 5589 DIN 936**<br>Hexagonal nut UNI 5589 DIN 936 |  | 62 |

# FEMALE FORK DIN 71752 - THREAD ISO 8140 CETOP (WITH PIN)



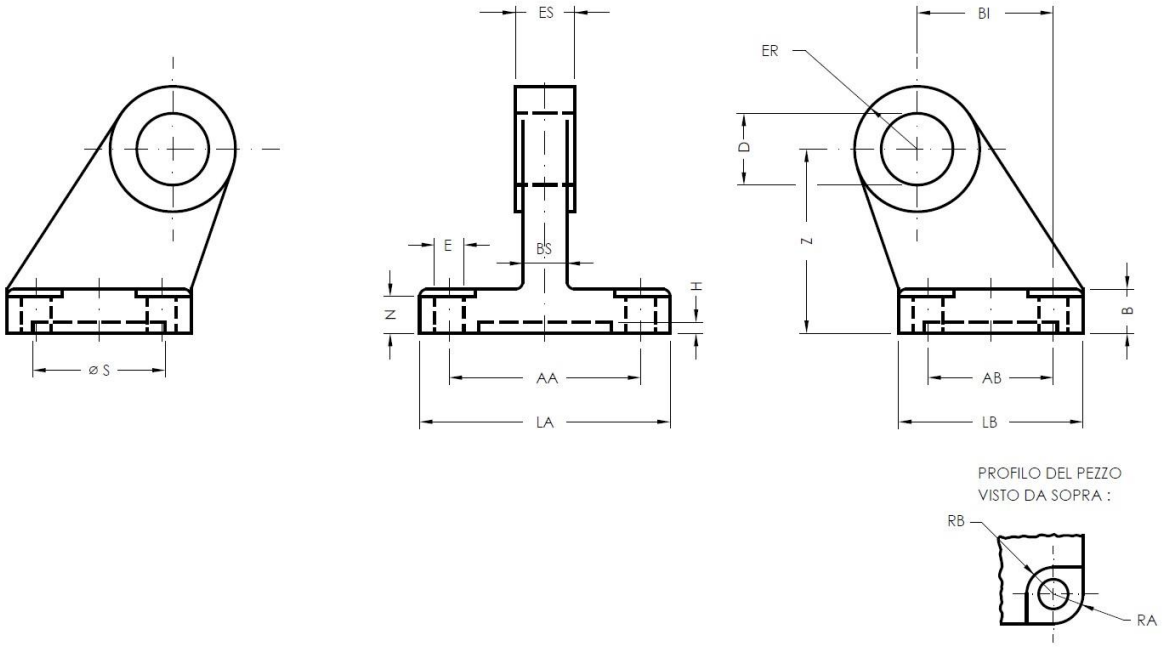

| DIAM. | TIPO | M | L h11 | ES +0.3 -0.2 | IS +0.70 +0.15 | D | Z +0.4 -0.4 | I +0.5 0 | H +0.5 -0.5 | N +0.5 -0.5 | E +0.2 -0.2 | S +0.3 -0.3 | R +0.2 -0.2 | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 8 | 8 | 4 | 4 | 16 | 13 | 21 | 8 | 6 | 8 | 0.5 | |
| 12-16 | ISO | M6x1 | 12 | 12 | 6 | 6 | 24 | 17 | 31 | 12 | 9 | 10 | 0.5 | |
| 20 | ISO | M8x1.25 | 16 | 16 | 8 | 8 | 32 | 20 | 42 | 16 | 12 | 14 | 0.5 | |
| 25-32 | ISO | M10x1.25 | 20 | 20 | 10 | 10 | 40 | 25 | 52 | 20 | 15 | 18 | 0.5 | |
| 32 | DIN | M10x1.5 | 20 | 20 | 10 | 10 | 40 | 25 | 52 | 20 | 15 | 18 | 0.5 | |
| 40 | ISO | M12x1.25 | 24 | 24 | 12 | 12 | 48 | 30 | 62 | 24 | 18 | 20 | 0.5 | |
| 40 | DIN | M12x1.75 | 24 | 24 | 12 | 12 | 48 | 30 | 62 | 24 | 18 | 20 | 0.5 | |
| 50-63 | ISO | M16x1.5 | 32 | 32 | 16 | 16 | 64 | 39 | 83 | 32 | 24 | 26 | 1 | |
| 80-100 | ISO | M20x1.5 | 40 | 40 | 20 | 20 | 80 | 48 | 105 | 40 | 30 | 34 | 1.5 | |
| 125 | ISO | M27x2 | 55 | 55 | 30 | 30 | 110 | 65 | 148 | 54 | 38 | 48 | 2 | |
| 160-200 | DIN | M36x2 | 70 | 70 | 35 | 35 | 144 | 84 | 188 | 72 | 54 | 60 | 3 | |

141



| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 8-10 | 0,006 | 141M04I |
| 12-16 | 0,019 | 141M06I |
| 20 | 0,044 | 141M08I |
| 25-32 | 0,090 | 141M10I |
| 32 | 0,090 | 141M10D |
| 40 | 0,140 | 141M12I |
| 40 | 0,140 | 141M12D |
| 50-63 | 0,333 | 141M16I |
| 80-100 | 0,678 | 141M20I |
| 125 | 1,810 | 141M27I |
| 160-200 | 3,715 | 141M36D |

## NARROW SQUARE JOINT CETOP RP107P FOR FORK DIN 71752




| Diam. | For | E H14 | RB +0.5 0 | AB JS14 | LB MAX | BI JS15 | B +0.5 -0.5 | Z JS15 | AA JS14 | LA MAX | ER MAX | ES -0.2 -0.6 | D H9 | N +0.5 0 | S +0.5 0 | H +0.5 0 | BS | RA +0.5 -0.5 | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | M10 | 6.6 | 5.5 | 18 | 31 | 21 | 8 | 32 | 38 | 51 | 10 | 10 | 10 | 6.5 | 21 | 3 | 10 | 6.5 | On demand |
| 40 | M12 | 6.6 | 5.5 | 22 | 35 | 24 | 10 | 36 | 41 | 54 | 11 | 12 | 12 | 8.5 | 21 | 3 | 12 | 6.5 | On demand |
| 50 | M16 | 9 | 7.5 | 30 | 45 | 33 | 12 | 45 | 50 | 65 | 13 | 16 | 16 | 10.5 | 21 | 3 | 16 | 7.5 | On demand |
| 63 | M16 | 9 | 7.5 | 35 | 50 | 37 | 12 | 50 | 52 | 67 | 15 | 16 | 16 | 10.5 | 21 | 3 | 16 | 7.5 | On demand |
| 80 | M20 | 11 | 9 | 40 | 60 | 47 | 14 | 63 | 66 | 86 | 15 | 20 | 20 | 11.5 | 21 | 3 | 20 | 10 | On demand |
| 100 | M20 | 11 | 9 | 50 | 70 | 55 | 15 | 71 | 76 | 96 | 19 | 20 | 20 | 12.5 | 11 | 3 | 20 | 10 | On demand |

142



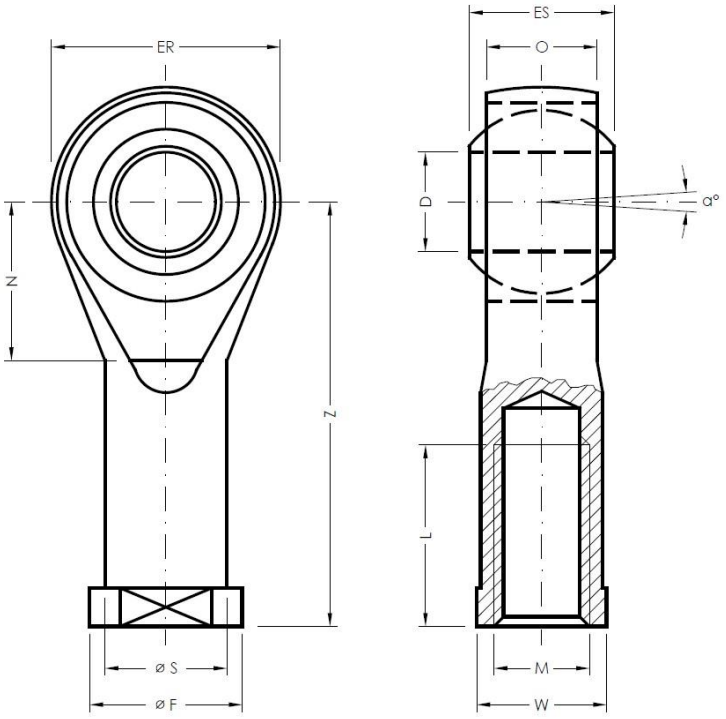
| DIAMETRO / DIAMETER | PESO (KG) / WEIGHT (KG) | CODICE BASE / BASE CODE |
|---|---|---|
| 32 | | 142032 |
| 40 | | 142040 |
| 50 | | 142050 |
| 63 | | 142063 |
| 80 | | 142080 |
| 100 | | 142100 |



MATERIALE: INOX AISI 316

MATERIAL: STAINLESS STEEL AISI 316

ROD END BEARING DIN ISO 12240-4 K SERIES - THREAD ISO 8139 CETOP



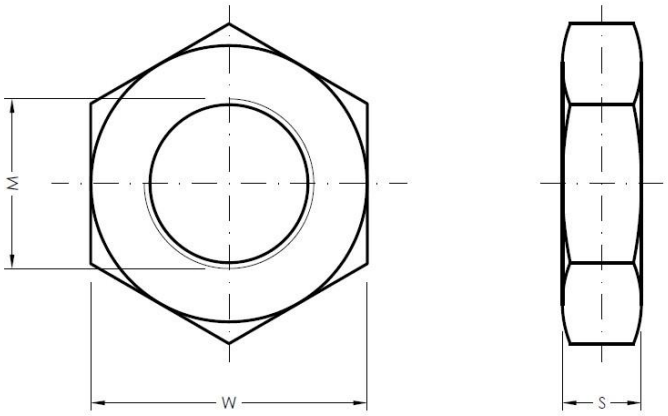

| Diam. | Tipo | M | L | ES<br>0<br>-0.1 | O | D<br>H7 | Z<br>+0.4<br>-0.4 | A° | N | W | S | F | ER<br>MAX | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 10 | 8 | 6 | 5 | 27 | 13° | 10 | 9 | 9 | 11 | 18 | |
| 12-16 | ISO | M6x1 | 12 | 9 | 6.75 | 6 | 30 | 13° | 11 | 11 | 10 | 13 | 20 | |
| 20 | ISO | M8x1.25 | 16 | 12 | 9 | 8 | 36 | 14° | 13 | 14 | 12.5 | 16 | 24 | |
| 25-32 | ISO | M10x1.25 | 20 | 14 | 10.5 | 10 | 43 | 13° | 15 | 17 | 15 | 19 | 28 | |
| 40 | ISO | M12x1.25 | 22 | 16 | 12 | 12 | 50 | 13° | 17 | 19 | 17.5 | 22 | 32 | |
| 50-63 | ISO | M16x1.5 | 28 | 21 | 15 | 16 | 64 | 15° | 23 | 22 | 22 | 27 | 42 | |
| 80-100 | ISO | M20x1.5 | 33 | 25 | 18 | 20 | 77 | 14° | 27 | 30 | 27.5 | 34 | 50 | |
| 125 | ISO | M27x2 | 51 | 37 | 25 | 30 | 110 | 17° | 36 | 41 | 40 | 50 | 70 | |
| 160-200 | DIN | M36x2 | 56 | 43 | 28 | 35 | 125 | 19° | 41 | 50 | 46 | 58 | 80 | |

143



| Diametro<br>Diameter | Peso (kg)<br>Weight (kg) | Codice base<br>Base code |
|---|---|---|
| 8-10 | 0,018 | 143M04I |
| 12-16 | 0,025 | 143M06I |
| 20 | 0,044 | 143M08I |
| 25-32 | 0,072 | 143M10I |
| 40 | 0,110 | 143M12I |
| 50-63 | 0,214 | 143M16I |
| 80-100 | 0,398 | 143M20I |
| 125 | 1,207 | 143M27I |
| 160-200 | 1,668 | 143M36D |

HEXAGONAL NUT UNI 5589 DIN 936




| Diam. | Tipo | M | S | W | Note |
|---|---|---|---|---|---|
| 8-10 | ISO | M4x0.7 | 3.2 | 7 | |
| 12-16 | ISO | M6x1 | 4 | 10 | |
| 20 | ISO | M8x1.25 | 5 | 13 | |
| 25-32 | ISO | M10x1.25 | 6 | 17 | |
| 32 | DIN | M10x1.5 | 6 | 17 | |
| 40 | ISO | M12x1.25 | 7 | 19 | |
| 40 | DIN | M12x1.75 | 7 | 19 | |
| 50-63 | ISO | M16x1.5 | 8 | 24 | |
| 80-100 | ISO | M20x1.5 | 9 | 30 | |
| 125 | ISO | M27x2 | 12 | 41 | |
| 160-200 | DIN | M36x2 | 14 | 55 | |

144



| DIAMETRO<br>DIAMETER | PESO (KG)<br>WEIGHT (KG) | CODICE BASE<br>BASE CODE |
|---|---|---|
| 8-10 | 0,001 | I44M04I |
| 12-16 | 0,002 | I44M06I |
| 20 | 0,003 | I44M08I |
| 25-32 | 0,005 | I44M10I |
| 32 | 0,005 | I44M10D |
| 40 | 0,009 | I44M12I |
| 40 | 0,009 | I44M12D |
| 50-63 | 0,014 | I44M16I |
| 80-100 | 0,029 | I44M20I |
| 125 | 0,081 | I44M27I |
| 160-200 | 0,184 | I44M36D |

# HOW TO ORDER

## CODICE CAMPIONE

SAMPLE CODE




.1 = **Pezzo senza confezionamento**
Piece without packaging

.2 = **Pezzo con confezionamento singolo ma senza viti**
Piece with single packaging but without screws

.3 = **Pezzo con confezionamento singolo e viti**
Piece with single packaging and screws

.4 = **Pezzo con confezionamento singolo, viti e perno (dove richiesto)**
Piece with single packaging, screws and pin (if required)

**Diametro cilindro**
Cylinder diameter

**Tipo di pezzo**
Type of piece

S = **Acciaio**
Steel

I = **Inox**
Stainless Steel

A = **Alluminio**
Aluminium

## CODICI EXTRA ESEMPIO

EXTRA CODE SAMPLE

**TRATTAMENTO DI CATAFORESI NERA (PEZZI IN ALLUMINIO)**
I pezzi in alluminio possono essere forniti con il trattamento di cataforesi nera.

**TREATMENT OF BLACK CATAPHORESIS (PIECES IN ALUMINIUM)**
The pieces in aluminium can be supplied with treatment of black cataphoresis.

A11032.1-**N**

**TRATTAMENTO DI ZINCATURA BIANCA (PEZZI IN ACCIAIO)**
I pezzi in acciaio neri possono essere forniti in alternativa con il trattamento di zincatura bianca.

**TREATMENT OF WHITE ZINC COATING (PIECES IN STEEL)**
The pieces in black steel can be supplied as alternative with treatment of white zinc coating.

S11032.1-**Z**

**SNODI CON RIDUZIONE**
I pezzi in alluminio e in acciaio (non inox) con snodo DIN648K possono essere forniti con la riduzione.

**ARTICULATED HEAD WITH REDUCTIONS**
The pieces in aluminium and steel (no stainless) with head DIN648K can be supplied with the reduction.

A03050.1-**M**

# PACKAGING

**Siamo in grado di fornire i prodotti con packaging dedicati in base alle esigenze del cliente, partendo dal semplice confezionamento in sacchetti, in base alla quantità richiesta senza alcuna particolare specifica, fino ad arrivare al confezionamento singolo con eventuale apposizione di logo, codici a barre e/o codici identificativi del Cliente.**

We supply products with customized packaging according to Customer's needs, starting from a simple packaging in bags, depending on the required quantity and without any particular specification, up to a single packaging with a possible addition of logos, bar codes or any identifying code supplied by the Customer as well.

## ESEMPI
## EXAMPLES

.1= **Pezzo senza confezionamento**
Piece without packaging



.2= **Pezzo con confezionamento singolo ma senza viti**
Piece with single packaging but without screws




.3= **Pezzo con confezionamento singolo e viti**
Piece with single packaging and screws




.4= **Pezzo con confezionamento singolo, viti e perno (dove richiesto)**
Piece with single packaging, screws and pin (if required)




## VITI
## SCREWS

**Le viti fornite sono quelle previste dalla Norma ISO 15552 e più precisamente le seguenti:**

| | | | |
|---|---|---|---|
| D.32-40 | = M6 x 18 | D.160-200 | = M16 x 30 |
| D.50-63 | = M8 x 20 | D.250 | = M20 x 35* |
| D.80-100 | = M10 x 25 | D.320 | = M24 x 40 |
| D.125 | = M12 x 25 | | |

**A Norma DIN912 per tutti gli articoli, ad esclusione della Flangia MF1-MF2 (codice S05) dove utilizziamo viti a Norma DIN6912 (*Nota: Per D.250 M20x30).**

**NOTA: Su richiesta possiamo fornire viti anche di diverse misure.**

Screws supplied according to Norm ISO 15552 and more specifically the following:

| | | | |
|---|---|---|---|
| D.32-40 | = M6 x 18 | D.160-200 | = M16 x 30 |
| D.50-63 | = M8 x 20 | D.250 | = M20 x 35* |
| D.80-100 | = M10 x 25 | D.320 | = M24 x 40 |
| D.125 | = M12 x 25 | | |

According to Norm DIN912 for all items, with the exception of the Flange MF1-MF2 (code S05) as its screws follows the Norm DIN6912 (*Note: For D.250 M20x30).

NOTE: Screws of different sizes may be supplied on demand.

# MATERIALS - TYPES AND CHARACTERISTICS

## COMPOSIZIONE CHIMICA
### CHEMICAL COMPOSITION

| Descrizione Description | % | Fe | Mn | Mg | Si | Cu | Sn | Zn | Ni | Ti | Pb | Altri Others | Alu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Alluminio** Aluminium | MAX | 1,300 | 0,500 | 0,300 | 12,000 | 3,500 | 0,200 | 1,000 | 0,500 | 0,300 | 0,100 | 0,250 | REST |
| ADC-12 / EN AC-46000 | MIN | | | | 9,600 | 1,500 | | | | | | TOT | |

| Descrizione Description | % | C | Mn | P | S | Si | Cr | Ni | Cu | Mo | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Acciaio** Steel | MAX | 0,350 | 1,050 | 0,035 | 0,040 | 0,350 | 0,300 | 0,400 | 0,040 | 0,120 | | | |
| ASTM A-105 / DINC21 | MIN | | 0,600 | | | 0,100 | | | | | | | |
| **Acciaio** Steel | MAX | 0,170 | 1,400 | 0,045 | 0,045 | | | | | | | | |
| S235JRG2 / EN10025 | MIN | | | | | | | | | | | | |
| **Inox** Stainless S. | MAX | 0,070 | 2,000 | 0,045 | 0,030 | 1,000 | 18,500 | 13,000 | | 2,500 | | | |
| AISI 316 / DIN14401 | MIN | | | | | | 16,500 | 10,000 | | 2,000 | | | |
| **Inox** Stainless S. | MAX | 0,070 | 2,000 | 0,045 | 0,030 | 1,000 | 19,500 | 10,500 | | | | | |
| AISI 304 / DIN14301 | MIN | | | | | | 17,500 | 8,000 | | | | | |
| **Inox** Stainless S. | MAX | 0,100 | 2,000 | 0,045 | 0,350 | 1,000 | 19,000 | 10,000 | | | | | |
| AISI 303 / DIN14305 | MIN | | | | 0,150 | | 17,000 | 8,000 | | | | | |

## PROPRIETA' MECCANICHE
### MECHANICAL PROPERTY

| Descrizione Description | | R N/mm2 | Rp 0,2 N/mm2 | A % | HB | KV |
|---|---|---|---|---|---|---|
| **Alluminio** Aluminium | MAX | 310 | 150 | 3 | 75 | |
| ADC-12 / EN AC-46000 | MIN | | | 1,5 | | |
| **Acciaio** Steel | MAX | | | | 187 | |
| ASTM A-105 / DINC21 | MIN | 485 | 250 | 22 | | |
| **Acciaio** Steel | MAX | 710 | | | | |
| S235JRG2 / EN10025 | MIN | 420 | 300 | 9 | | |
| **Inox** Stainless S. | MAX | 700 | | | 215 | 100 |
| AISI 316 / DIN14401 | MIN | 500 | 200 | 40 | | |
| **Inox** Stainless S. | MAX | 700 | | | 215 | 100 |
| AISI 304 / DIN14301 | MIN | 500 | 190 | 45 | | |
| **Inox** Stainless S. | MAX | 750 | | | 230 | 100 |
| AISI 303 / DIN14305 | MIN | 500 | 190 | 35 | | |

# SURFACE TREATMENTS

## CATAFORESI NERA

**La verniciatura delle superfici metalliche con il processo di Cataforesi conferisce al prodotto finale un elevata protezione dagli agenti atmosferici.**
**Essendo un trattamento ad immersione, abbinato all'applicazione di energia elettrica per elettrodeposizione, si ottiene la protezione anticorrosiva anche di quella parti che non sono raggiungibili con sistema a spruzzo tradizionale.**
**L'elevata caratteristica di resistenza di questo trattamento lo rende adatto anche ad ambienti carichi di alcali ed acidi.**
**Processo: fase di sgrassaggio, attivazione, fosfatazione ai sali di Zinco, elettrodeposizione catodica con prodotti epossidici modificati in immersione e successiva reticolazione a forno.**

### caratteristiche chimico fisiche

| | |
|---|---|
| Spessore (Microns) | 15 / 30 |
| Resistenza nebbia salina (ore) | 500 / 700 (ASTM-B11) |
| Resistenza agli urti | 70 Kg |
| Resistenza agli UV | Buona |
| Durezza (matita) | 5H |
| Adesione alla quadrettatura | 98/100% (UNICHIM) |
| Piegatura con mandrino | No fessurazioni |
| Resistenza agli alcali (non saponificabile) | Buona |
| Resistenza agli idrocarburi | Ottima |

## BLACK CATAPHORESIS

The coating of the metallic surfaces by means of the cataphoresis process lends high protection characteristics against atmospheric agents to the products.
The cataphoresis process and the following finishing cycles, enamels or podwers make the products highly resistant against corrosion.
A priming system technically advanced, particularly suitable for the pieces requiring high protection against atmospheric agents, with diluted alkalis and acids.
Process : degreasins, activation, zinc salt phosphating, cathodic electrodeposition with epoxy products modified in immersion and following netting in furnace.

### chemical physical characteristics

| | |
|---|---|
| Tickness (Microns) | 15 / 30 |
| Salin fog resistance (hours) | 500 / 700 (ASTM-B11) |
| Resistance to impact | 70 Kg |
| UV resistance | Good |
| Hardness (pencil) | 5H |
| Adhesion to the squaring | 98/100% (UNICHIM) |
| Folding by means of chuck | No fissuration |
| Alkali resistance (not saponifiable) | Good |
| Hydrocarbons resistance | Very good |

## ZINCATURA BIANCA

**Questo processo è l'unico completo ed esente di prodotti passivanti esenti da Cromo esavalente disponibile al mondo per l'applicazione su zinco e leghe di zinco. Estremamente resistente agli shock termici, può essere utilizzata in campi di applicazione dove i prodotti tradizionali non forniscono buona prestazioni.**
**Il processo soddisfa le direttive ELV-ROHS riguardanti l'impiego di Cromo esavalente e supera tutti i test dell'industria automobilistica, compreso il GM 3034. Offre un'ampia gamma di soluzioni industriali, tutte rigorosamente verificate, in accordo con le più importanti specifiche, dall'applicatore, all'utilizzatore finale. Questo trattamento offre alte prestazioni in alternativa al Cromo esavalente, non solo in termini di resistenza alla corrosione, ma anche sotto il profilo estetico.**

### caratteristiche chimico fisiche

| | |
|---|---|
| Spessore (Microns) | 10 / 15 |
| Resistenza nebbia salina (ore) | 6 / 96 (UNI 9227/93) |

## WHITE ZINC COATING

This process is the only complete exempt of hexavalent chrome-free products available worldwide that meet all existing, and many future, zinc and zinc alloy passivation requirements. Extremely resistant to thermal shock, can be used in application areas where conventional simply do not perform.
The process meets all EOLV-ROHS directives through their use of trivalent chromium and passes all automotive industry test requirements, including GM 3034. The perfect drop-in replacement for hex-based offerings, they have all been rigorously tested and used in some of the worlds largest, full scale industrial conditions, ensuring that they meet the highest specifications from applicators and end-users. This treatment gives high performance alternatives to hex chorme that does not only reduce "whiterust" but also delivers exceptional design outcome.

### chemical physical characteristics

| | |
|---|---|
| Tickness (Microns) | 10 / 15 |
| Salin fog resistance (hours) | 6 / 96 (UNI 9227/93) |

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# TD Mountings S.r.l.

Tel/Fax +39-0363-222567
Mobile +39-389-9270797
info@tdmountings.it
www.tdmountings.it

Via Leonardo da Vinci, 146
24043 Caravaggio (BG) Italy