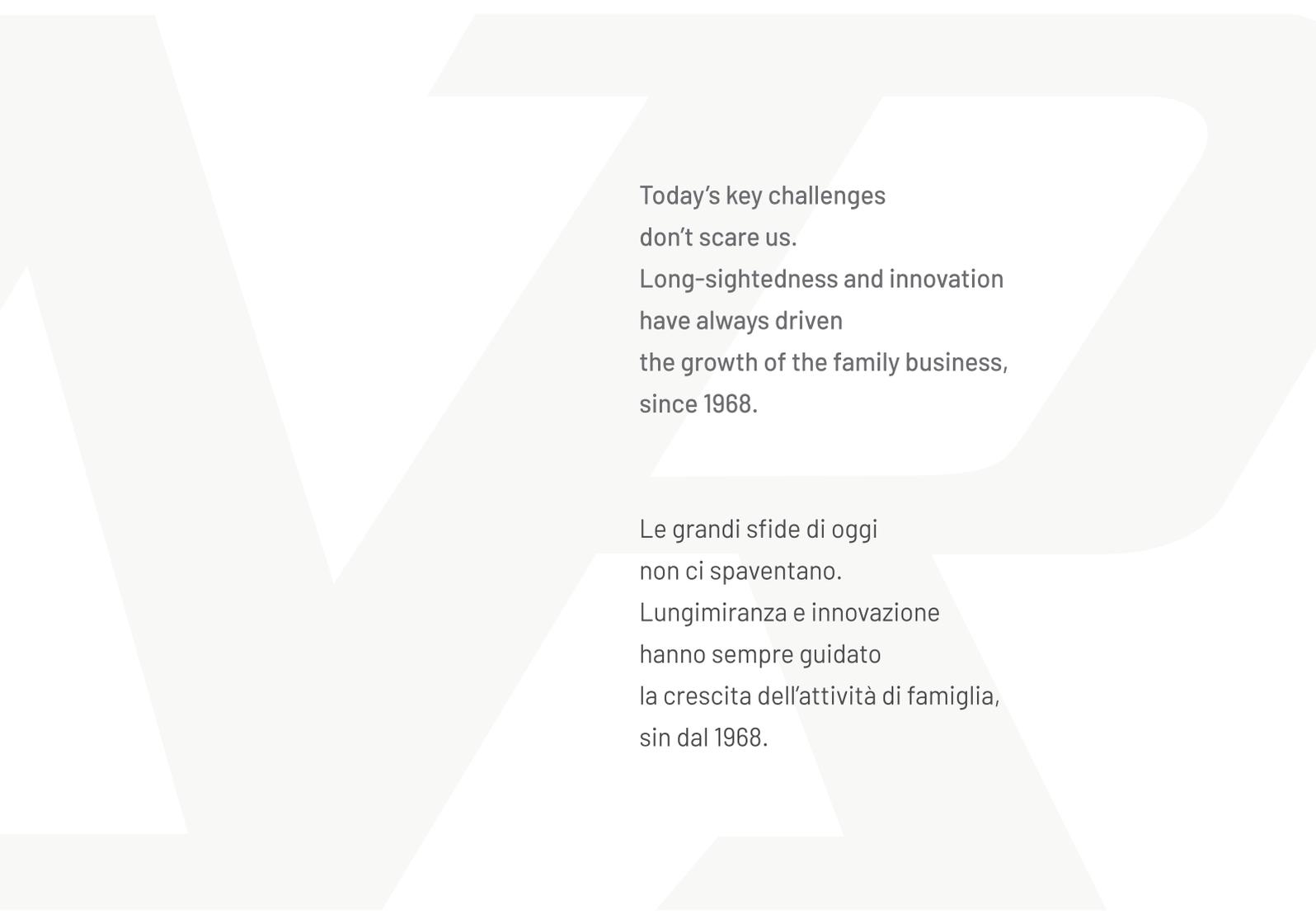




PNEUMATIC

**MOUNTING PARTS
FOR PNEUMATIC CYLINDERS**
FISSAGGI PER CILINDRI PNEUMATICI

MADE IN ITALY



Today's key challenges
don't scare us.

Long-sightedness and innovation
have always driven
the growth of the family business,
since 1968.

Le grandi sfide di oggi
non ci spaventano.

Lungimiranza e innovazione
hanno sempre guidato
la crescita dell'attività di famiglia,
sin dal 1968.

ON THE JOB FOR MORE THAN 50 YEARS

SIAMO SUL PEZZO DA PIÙ DI 50 ANNI

Company Nisoli Alessandro & Resmini Mario is founded:
main activities are mechanical works and turning

Nasce la società Nisoli Alessandro & Resmini Mario
che si occupa di lavorazioni meccaniche e tornitura

1968

NR Nisoli mounts are exported to all European countries

I fissaggi NR Nisoli iniziano ad essere esportati in tutta Europa

1993

NR Nisoli moves to a new plant growing up to 7,500 sqm
covered surface and 17,000 sqm total area

NR Nisoli ha una nuova sede ampliando a 7,500 mq
la superficie coperta e a 17,000 mq l'area totale

2000

NR Nisoli widens its range of production by introducing
mounts in stainless steel

NR Nisoli amplia la propria gamma producendo fissaggi
in acciaio inossidabile

2008

1974

Production of mounting parts for pneumatic cylinders
is started for Italian market
Inizia la produzione di fissaggi per i cilindri pneumatici
per soddisfare il mercato italiano

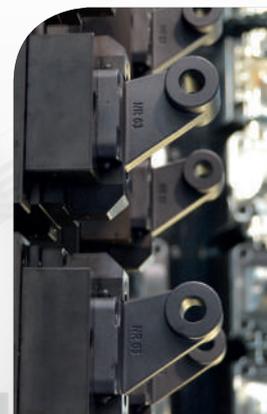
1994

Company Nisoli & Resmini SRL is given the
Management System Certificate ISO 9001:2008
by DNV GL BUSINESS ASSURANCE

Alla ditta Nisoli & Resmini SRL viene riconosciuta la
Qualità del sistema di gestione ISO 9001:2008 con certificato
emesso da DNV GL BUSINESS ASSURANCE

2006

NR Nisoli starts a partnership with the biggest producers
of pneumatic cylinders in the world and exports increase steadily
NR Nisoli inizia una partnership con i più grandi produttori mondiali
di cilindri pneumatici, aumentando le esportazioni in tutto il mondo





New NR company certifies its quality with the standard ISO 9001:2015
 La nuova NR di Nisoli Srl certifica la propria qualità con lo standard ISO 9001:2015

The NR NISOLI is a registered trademark.
 Celebrated the 50th year of activity
 Il marchio NR Nisoli viene registrato.
 Festeggiato il 50esimo anno di attività

NR NISOLI is a Registered Trademark in the USA
 NR NISOLI è una marchio registrato anche in USA



2016

2018

2022

2014

2017

2020

2025

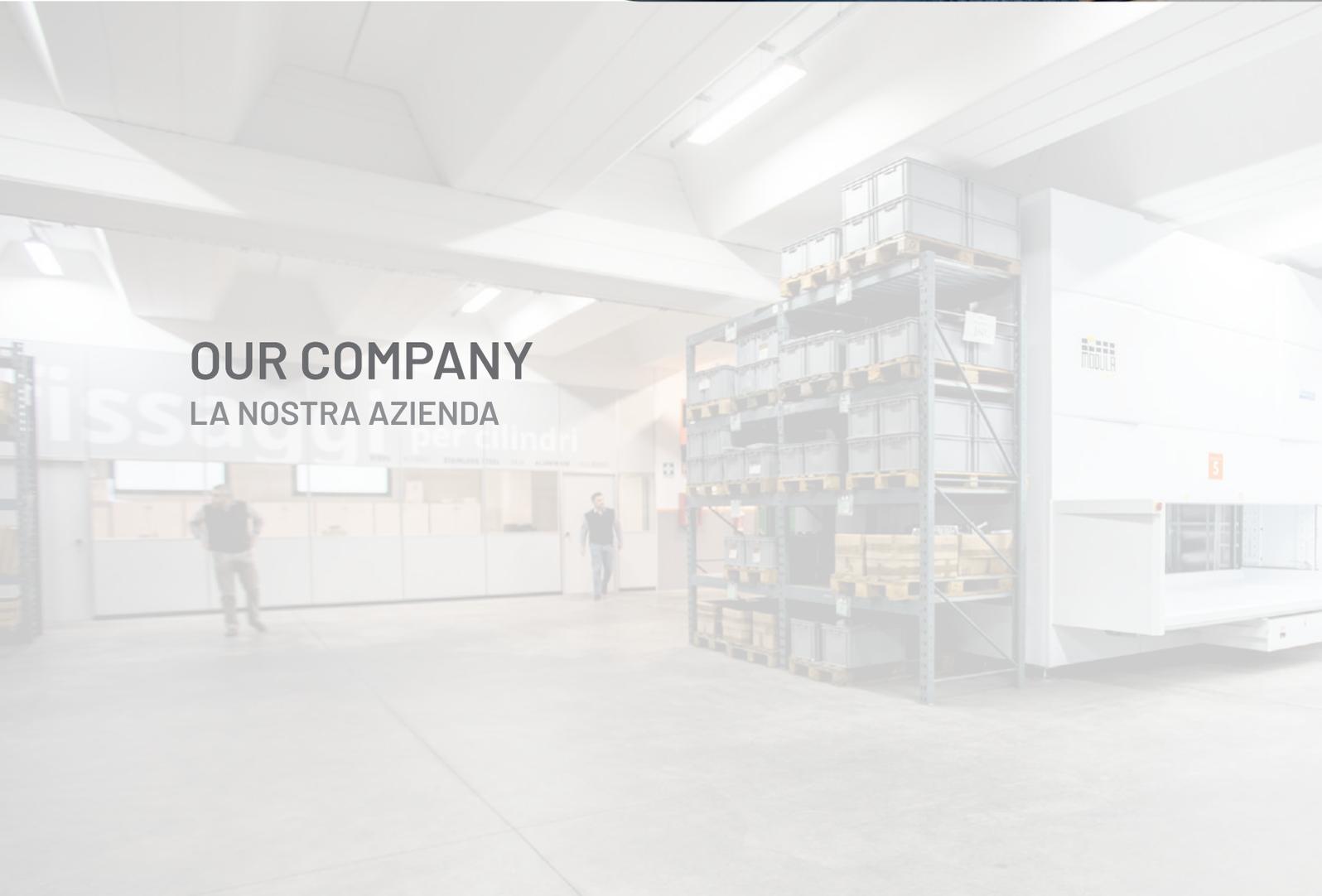
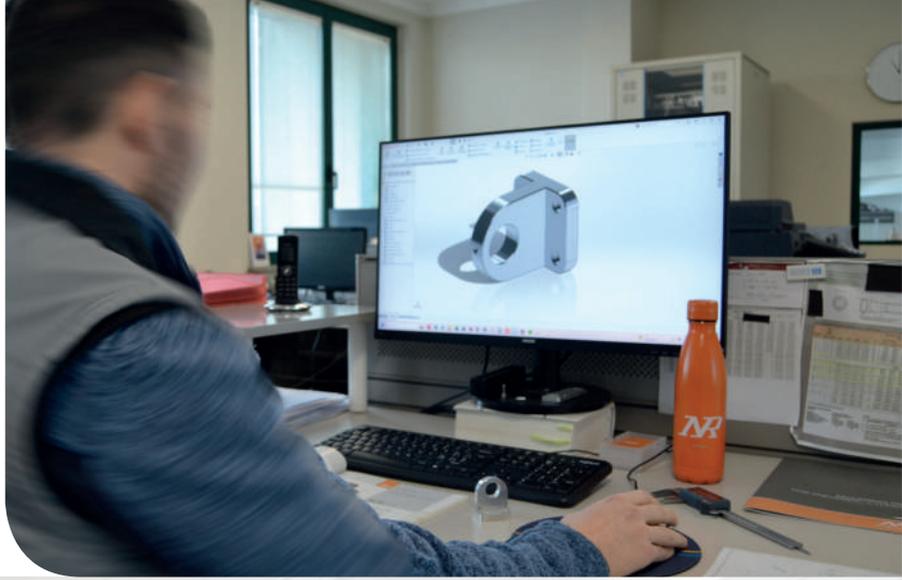
Nisoli & Resmini SRL becomes NR di Nisoli Srl
 Nisoli & Resmini SRL diventa NR di Nisoli Srl

NFPA mounts start to be developed as well as big sizes in steel
 Inizia lo sviluppo dei fissaggi a Norma NFPA e i grandi diametri in acciaio

NR Nisoli opens offices in New York and a logistics centre in Dayton (OH)
 to market mounting parts for pneumatic cylinders produced in Italy
 NR Nisoli apre uffici a New York e un centro logistico a Dayton (OH)
 per commercializzare le parti di montaggio per cilindri pneumatici prodotte in Italia

NR Nisoli launches "GO GREEN" project to reduce environmental impact
 NR Nisoli lancia il progetto "GO GREEN" per ridurre l'impatto ambientale





OUR COMPANY

LA NOSTRA AZIENDA





INVESTING IN THE FUTURE INVESTIRE SUL FUTURO

The great transitions of the modern era do not scare us: digital, technological, energy, sustainable... we continue our path of growth, aware that, if the world changes, we must not and cannot be left behind.

It has always been our will to facilitate change in a virtuous way, through 6 specific investment paths that we have decided to undertake.

- Customisation
- Innovation
- Environment
- Training
- Territory
- Made in Italy

Le grandi transizioni dell'epoca moderna non ci spaventano: digitale, tecnologica, energetica, sostenibile... continuiamo il nostro percorso di crescita, consapevoli che, se il mondo cambia noi non dobbiamo né possiamo rimanere indietro.

È da sempre nostra volontà agevolare il cambiamento in modo virtuoso, attraverso 6 percorsi d'investimento specifici che abbiamo deciso di intraprendere.

- Customizzazione
- Innovazione
- Ambiente
- Formazione
- Territorio
- Made in Italy

MOUNTING PARTS FOR PNEUMATIC CYLINDERS: OUR INDISPENSABLE SUPPORT

FISSAGGI PER CILINDRI PNEUMATICI:
IL NOSTRO SUPPORTO INDISPENSABILE

CUSTOMIZATION

Customised packaging, accessories and product finishes have always been a fundamental part of our work that has allowed us to distinguish ourselves from the international competition that often proposes a more standardised production.

Today, to further differentiate ourselves from such mass production, we also develop custom prototypes, which do not necessarily require large production volumes.

By focusing on small batches we are able to capture a different range of customers with different needs: we start from the customer's design to make any improvements and turn it into a finished product.

Investments in new machinery and software allow us to quickly guarantee:

- Quotation
- 3D Drawing
- Prototype
- Mass production

INNOVATION

Continuous machinery upgrades have allowed us to meet the National Industry 4.0 plan deadline prepared and aware that the improvement of productivity and production processes also involves targeted investments in technology and automation.

Two objectives achieved with 4.0:

- Increased production: the new machines are able to work even without supervision and on multiple shifts 24/7. We currently produce more than 300,000 aluminium parts and 100,000 steel parts each year, exporting more than 65% of production abroad.
- Production management: the new machines are interconnected through software that allow us to interface the individual production phases, check errors and critical issues and allow us to intervene promptly with corrective actions. Thanks to the efficient work flow system, finished product stocks and forecast analysis, we are able to fulfil at least 98.5% of orders on average.

ENVIRONMENT

We believe that every industrial company, big or small, should be committed to protecting the environment. Modern technologies allow a more respectful and virtuous approach to environmental and energy issues today on the global agenda.

4 objectives achieved in the green scenario:

- Installation of 160 kW photovoltaic panels.
- Reduction of paper consumption, due to improved corporate digitalisation.
- Recycling, resale and reuse for new products of the majority of production waste.
- Differentiated collection and recovery systems of pollutants.

TRAINING

Constantly updating the individual skills of the entire team is a crucial point of our success, which has allowed us to always maintain our level of specialisation and quality.

We believe in the professional and human growth of our employees and, for this reason, we spend many hours (about 2% of the hours worked) to train and update personnel, taking advantage of both internal and outsourced resources and proposing, in addition to the mandatory courses by law, also various other types of courses.

- Upgrade courses to 4.0 through a learning by doing approach.
- English language courses focused on business conversation.
- Production manager courses to develop role-specific skills.
- Quality manager courses to develop role-specific skills.

TERRITORY

We have always been very rooted in the territory that hosts us, because on the one hand we see the company as a value for everything around it and on the other hand we want to improve the company image in the context in which we live.

The commitment to our community is realised with:

- Sponsorships in local sports activities
- Sponsorships of local charity events

MADE IN ITALY

Our products come from ingots purchased in Italy, melted in Italy and processed at our factory in Brignano Gera d'Adda. We have chosen an all-Italian supply chain, also facing higher costs, but we are aware of focusing everything on the quality and traceability of the raw materials and the product. It is Made in Italy, which has always been our added and distinctive value, to differentiate us from the competition and to maintain the excellence of the service, the product and the specialisation of know-how.

CUSTOMIZZAZIONE

Le personalizzazioni del packaging, degli accessori e dei trattamenti di prodotto sono da sempre una parte fondamentale del nostro lavoro che ha permesso di distinguerci dalla concorrenza internazionale che propone spesso una produzione più standardizzata.

Oggi, per differenziarci ulteriormente da tale produzione di massa, sviluppiamo anche prototipazioni ad hoc, che non necessitano necessariamente di grossi volumi di produzione. Concentrandoci su piccoli lotti siamo in grado di intercettare una fascia di clientela diversa con esigenze diverse: partiamo dal disegno del cliente per apportare eventuali modifiche migliorative e trasformarlo in un prodotto finito.

Gli investimenti in nuovi macchinari e software ci permettono di garantire in tempi brevi:

- Preventivo
- Disegno 3D
- Prototipo
- Produzione in serie

INNOVAZIONE

Il continuo ammodernamento dei macchinari ci ha permesso di arrivare all'appuntamento con il piano Nazionale Industria 4.0 preparati e consapevoli che il miglioramento della produttività e dei processi di produzione passa anche da investimenti mirati in tecnologia e automazione.

Due obiettivi raggiunti con il 4.0:

- Aumento della produzione: i nuovi macchinari riescono a lavorare anche non in presidiato e su più turni h24 e 7/7 giorni. Attualmente produciamo più di 300.000 pezzi in alluminio e 100.000 pezzi in acciaio ogni anno, esportando all'estero più del 65% della produzione.
- Gestione della produzione: i nuovi macchinari sono interconnessi tramite software che permettono di interfacciare le singole fasi di produzione, controllarne errori e criticità e permetterci di intervenire tempestivamente con azioni correttive. Grazie all'efficiente sistema di flusso di lavoro, alle scorte di prodotto finito e all'analisi delle previsioni, siamo in grado di evadere in media almeno il 98,5% degli ordini.

AMBIENTE

Crediamo che ciascuna realtà industriale, piccola o grande che sia, debba impegnarsi nella tutela dell'ambiente. Le moderne tecnologie consentono un approccio più rispettoso e virtuoso alle tematiche ambientali ed energetiche oggi all'ordine del giorno a livello globale.

4 obiettivi raggiunti in ambito green:

- Installazione di pannelli fotovoltaici da 160 kW.
- Riduzione del consumo di carta, derivato dal miglioramento della digitalizzazione dell'impresa.

- Riciclo, rivendita e riutilizzo per nuovi prodotti della maggioranza dello scarto di produzione.
- Raccolta differenziata e sistemi di recupero di materiali inquinanti.

FORMAZIONE

Il costante aggiornamento delle singole competenze di tutto il team è un punto cruciale del nostro successo, che ci ha permesso di mantenere sempre alto il nostro livello di specializzazione e qualità.

Crediamo nella crescita professionale e umana dei nostri collaboratori e, per questo, spendiamo molte ore (circa il 2% delle ore lavorate) per la formazione e l'aggiornamento del personale, sfruttando risorse sia interne che esterne all'azienda e proponendo, oltre ai corsi obbligatori per legge, anche diverse altre tipologie di corsi.

- Corsi di aggiornamento al 4.0 tramite un approccio learning by doing.
- Corsi di lingua inglese focalizzati sulla business conversation.
- Corsi di responsabile di produzione per sviluppare le competenze specifiche del ruolo.
- Corsi di responsabile di qualità per sviluppare le competenze specifiche del ruolo.

TERRITORIO

Siamo da sempre molto radicati sul territorio che ci ospita, perché da un lato vediamo l'azienda come un valore per tutto ciò che le sta intorno e dall'altro vogliamo migliorare l'immagine aziendale nel contesto in cui viviamo.

L'impegno nei confronti della nostra comunità si concretizza con:

- Sponsorizzazioni in attività sportive locali
- Sponsorizzazioni di eventi di beneficenza locali

MADE IN ITALY

I nostri prodotti nascono da lingotti acquistati in Italia, fusi in Italia e lavorati presso il nostro stabilimento di Brignano Gera d'Adda.

Abbiamo scelto una filiera tutta italiana, affrontando anche maggiori costi, ma siamo consapevoli di puntare tutto sulla qualità e sulla tracciabilità delle materie prime e del prodotto.

È il Made in Italy, da sempre un nostro valore aggiunto e distintivo, a differenziarci dalla concorrenza e a mantenere l'eccellenza del servizio, del prodotto e della specializzazione delle competenze.

CHARACTERISTICS OF THE TREATMENTS

CARATTERISTICHE DEI TRATTAMENTI

WHITE ZINC COATING

This is the only process complete with hexavalent chrome-free products available worldwide that meet all existing, and many future, zinc and zinc alloy passivation requirements.

The process meet all EOLV-ROHS Directives through their use of trivalent chromium and pass 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 world's 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 chrome that not only reduce "white rust" but also deliver exceptional cosmetic appearance.

ZINCATURA BIANCA

Questo processo è l'unico completo 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 buone 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.

CHEMICAL PHYSICAL CHARACTERISTICS | CARATTERISTICHE CHIMICO FISICHE

Thickness microns	6 -14	Spessore microns
Saline Mist Resistance (hours)	6 / 96 (UNI 9227/93)	Resistenza salina (ore)

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 a.m. process, performed by immersion with electric power application enables, by means of electro-deposition, an anticorrosive protection also of the parts, which aren't reachable by a traditional spray system (tinted, deep foldings, junctions, ...) and it is used in industrial vehicles, tractors, air-conditioning, heating units, ... The cataphoresis process and the following finishing cycles, enamels or powders make the products highly resistant against corrosion.

CATAPHORESIS

A priming system technically advanced, particularly suitable for the pieces requiring high protection against atmospheric agents, with diluted alkalis and acids.

PROCESS

Degreasers, activation, zinc salts phosphating, cathodic electrodeposition with epoxy products modified in immersion and following netting in furnace.

CHEMICAL NICKEL-PLATING

The process of chemical nickel-plating allows to coat, with a layer (thickness $10\mu\text{m} \div 50\mu\text{m}$) consisting essentially of nickel (90%) and phosphorus (10%), the surfaces of a mechanical component, in order to improve the surface characteristics in terms of hardness, resistance to wear and corrosion.

CATAFORESI NERA

La verniciatura delle superfici metalliche con il processo di cataforesi conferisce ai manufatti elevate caratteristiche di protezione dagli agenti atmosferici.

Essendo un trattamento ad immersione, abbinato all'applicazione di energia elettrica per elettrodeposizione, si ottiene la protezione anticorrosiva anche di quelle parti che non sono raggiungibili con sistema tradizionale a spruzzo (scatolati, piegature profonde, accoppiamenti, ...) e viene impiegato nei diversi settori automobilistico, veicoli industriali, trattori, condizionamento, riscaldamento, ...

Il trattamento di cataforesi e i successivi cicli di finitura, smalto o polvere conferiscono ai manufatti un'elevatissima resistenza alla corrosione.

CATAFORESI

Sistema di verniciatura di fondo tecnicamente all'avanguardia particolarmente indicato ove viene richiesta una elevata protezione agli agenti atmosferici, agli alcali ed acidi.

PROCESSO

Sgrassaggio, attivazione, fosfatazione ai sali di zinco, elettrodeposizione catodica con prodotti epossidici modificati in immersione e successiva reticolazione a forno.

NICHELATURA CHIMICA

Il processo di nichelatura chimica permette di rivestire, con uno strato (spessore $10\mu\text{m}+50\mu\text{m}$) composto essenzialmente da nichel (90%) e fosforo (10%), le superfici dei componenti meccanici, al fine di migliorarne le caratteristiche superficiali in termini di durezza, resistenza a usura e a corrosione.

CHEMICAL PHYSICAL CHARACTERISTICS | CARATTERISTICHE CHIMICO FISICHE

Thickness microns	12 - 30	Spessore microns
Saline Mist Resistance (hours)	500 / 700 (ASTM-B117)	Resistenza salina (ore)
Resistance to impacts	70 Kg	Resistenza agli urti
UV resistance	Good - Buona	Resistenza agli UV
Hardness (pencil)	5H	Durezza (matita)
Adhesion to the squaring	98 / 100% (UNICHIM)	Adesione alla quadrettatura
Folding by means of chuck	no fissuration - no fessurazioni	Piegatura con mandrino
Alkali resistance (not saponifiable)	Good - Buona	Resistenza agli alcali (non saponificabile)
Hydrocarbons resistance	Very good - Ottima	Resistenza agli idrocarburi

HIPLATE LM 40® Chemical Nickel-Plating Characteristics

Protection against corrosion on aluminum, steel, iron and copper

- Increasing of hardness
- Very high corrosion resistance
- Excellent anti wear properties
- Astm B733 rev 4 compliant
- Nonmagnetic deposit
- NSF 51 food contact compliant
- Heat resistance (800°)
- More than 1000 h in NSS
- Homogeneous thickness over all surfaces

HIPLATE LM 40 is an electroless nickel plating process with a content of phosphorous between 10,5% and 13%. In order to maintain the main characteristics of a chemical nickel deposit like anti-corrosion and precision in surface distribution, Hiplate Lm 40 exhibits superior performance in applications where wear stress is challenging.

Properties and Technical Characteristics

Uniformity:

HIPLATE LM 40, being an autocatalytic nickel matrix processes, has a good distribution on all geometries with a compact and bonded deposit.

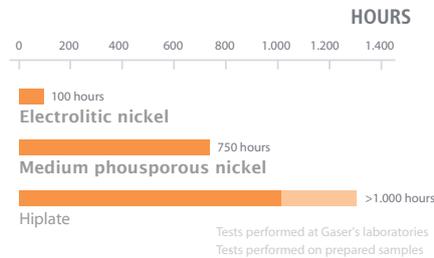
ANALYSIS METALLOGRAPHIC, MEASURING THICKNESS OF SURFACE COATINGS

SAMPLE	Positions	Measures (µm)					Mean	U ₉₅₋₂
1	Surface coating	52,6	53,0	53,4	52,8	53,1	53,0	1,3

Corrosion resistance:

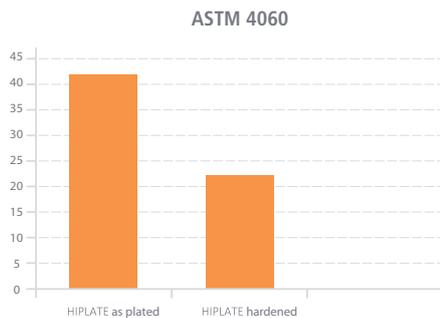
HIPLATE LM 40 exhibits good corrosion properties typical of an high phosphorus chemical nickel. Thanks to the compactness of the deposit and an amorphous structure, the number of through-porosities decreases drastically already at low thicknesses.

Sal fog tests ASTM B117

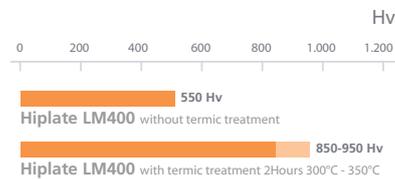


Abrasion resistance:

One of the main features of the **HIPLATE LM 40** is the anti-wear properties: extreme hardness and lubrication reduce the friction coefficient and limit abrasion.



Micro Hardness Test ASTM B578



- Tests performed at Gaser's laboratories
- Tests performed on prepared samples

HYGROSCOPIC CONDITIONING (42 °C UR %)

Control	Sample 2 HIPLATE	Sample 2 HIPLATE
600 h Test end	No formation of red corrosion product on the functional surface	No formation of red corrosion product on the functional surface

CORROSION TEST IN SALT SPRAY CHAMBER (ASS)

Control	Sample 1 HIPLATE	Sample 2 HIPLATE
24 h test end	No appearance of red corrosion product on the functional surface	No appearance of red corrosion product on the functional surface

Values to consider:

- Density: 7,86 grams/cm² at 20 C0
- Termic expansion: 13x10⁻⁶ cm/C0
- Elasticity: 20.000 Kg/mm²
- Resistivity: 60 µΩ/cm
- thermal conductivity: 0,0135 cal/cm/sec/C0
- Nonmagnetic
- Adhesion: 34-46 Kg/mm²

Applications

Oil&Gas, packaging, precision mechanics

USEFUL INFORMATION

INFORMAZIONI UTILI

SCREWS AND SINGLE PACKAGING

On request we can supply only the screws or we can assemble the pieces in a single packed in a plastic bags with label and customer's code and the necessary screws, pin and seeger rings.

DIMENSION OF THE SCREWS

The ISO 15552 norm request to use the following screws types:

D. 32 = M 6x20*

D. 40 = M 6x20*

D. 50 = M 8x20

D. 63 = M 8x20

D. 80 = M 10x25**

D.100 = M10x25**

D.125 = M 12x25

D.160 = M 16x30

D.200 = M16x30

D.250 = M 20x35***

D.320 = M 24x40

For a lot of application you can choose:

- * M 6x18
- ** M 10x20
- *** M 20x30

Note: for the flange VDMA the norm of the screws is DIN 6912 with low head, for the rest of the parts is DIN 912.

VITI E CONFEZIONAMENTO SINGOLO

Su richiesta possiamo fornire le viti sfuse o possiamo eseguire il confezionamento singolo in sacchetti con l'etichetta con il codice del cliente e, dove necessario, il materiale a corredo (viti, perni, seeger, ...)

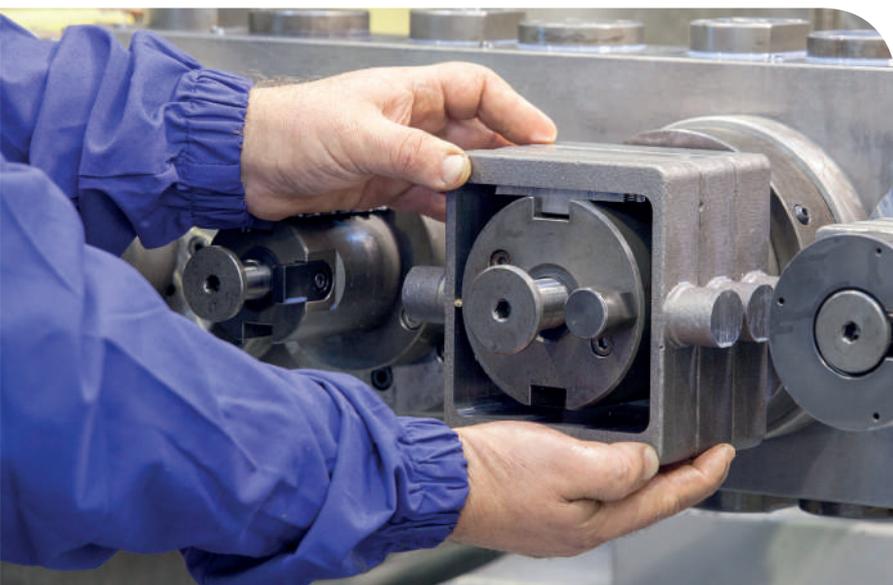
DIMENSIONE DELLE VITI

La NORMA ISO 15552 prevede le seguenti misure di viti da adottare:

Per alcune particolari applicazioni si può utilizzare la misura:

- * M 6x18
- ** M 10x20
- *** M 20x30

Nota: per la flangia VDMA la norma delle viti è DIN 6912 (testa ribassata) per i restanti particolari la vite è a norma DIN 912.



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■ ISO 6432 - Steel

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MOUNTING PARTS TO NORM

FISSAGGI A NORMA

ISO 15552

ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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ISO 15552 NORM
NORMA ISO 15552

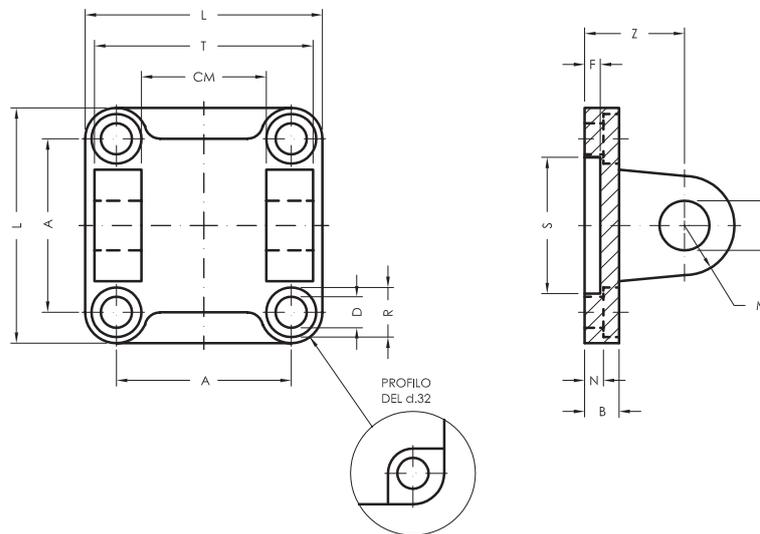
FEMALE HINGE MP2

CERNIERA FEMMINA MP2



ORDERING CODE | Codice ordinazione

0003 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	B	S H 11	F	Z ±0.2	G H 9	M max	CM H 14	T h 14
48	32	32.5	45	6.6	11	5.5	9	30	5	22	10	10	26	45
75	40	38	52	6.6	11	5.5	9	35	5	25	12	12	28	52
124	50	46.5	65	9	15	6.5	11	40	5	27	12	12	32	60
192	63	56.5	75	9	15	6.5	11	45	5	32	16	16	40	70
380	80	72	95	11	18	10	14	45	5	36	16	16	50	90
620	100	89	115	11	18	10	14	55	5	41	20	20	60	110
1180	125	110	140	14	20	10	20	60	7	50	25	25	70	130
1780	160	140	180	18	26	10	20	65	7	55	30	25	90	170
2900	200	175	220	18	26	11	25	75	7	60	30	25	90	170
5800	250	220	270	22	33	11	25	90	-	70	40	40	110	200
10550	320	270	350	26	39	15	30	110	-	80	45	45	120	220

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)
Standard finish: Rough - Grey (the finished part is tapped)
Possible coatings: Black cataphoresis, Anodising (vedi pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)
Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)
Possibili trattamenti: Cataforesi nera, Anodizzazione (go to pag. 9)

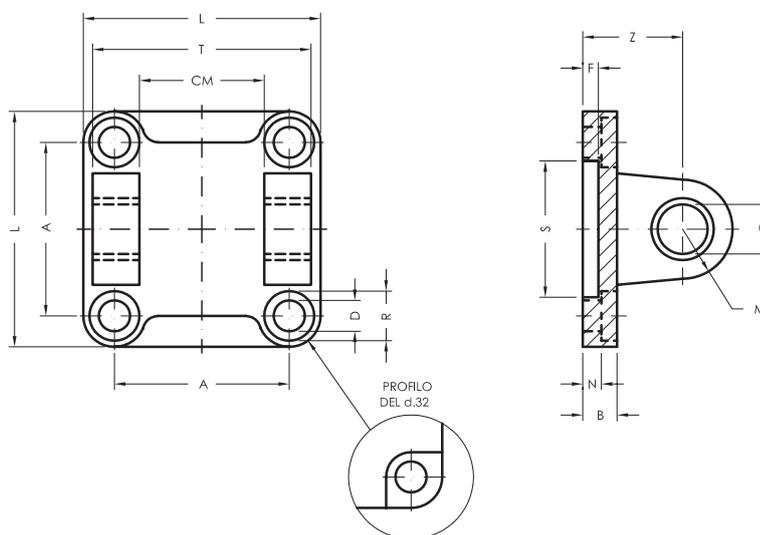
FEMALE HINGE MP2 WITH BUSHES

CERNIERA FEMMINA MP2
CON BUSSOLE



ORDERING CODE | Codice ordinazione

0050 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	B	S H 11	F	Z ±0.2	G H 9	Q H 7	M max	CM H 14	T h 14
48	32	32.5	45	6.6	11	5.5	9	30	5	22	10	12	10	26	45
75	40	38	52	6.6	11	5.5	9	35	5	25	12	14	12	28	52
124	50	46.5	65	9	15	6.5	11	40	5	27	12	14	12	32	60
192	63	56.5	75	9	15	6.5	11	45	5	32	16	18	16	40	70
380	80	72	95	11	18	10	14	45	5	36	16	18	16	50	90
620	100	89	115	11	18	10	14	55	5	41	20	23	20	60	110
1180	125	110	140	14	20	10	20	60	7	50	25	28	25	70	130
1780	160	140	180	18	26	10	20	65	7	55	30	34	25	90	170
2900	200	175	220	18	26	11	25	75	7	60	30	34	25	90	170
5800	250	220	270	22	33	11	25	90	-	70	40	44	40	110	200
11000	320	270	350	26	39	15	30	110	-	80	45	50	45	120	220

ISO 15552 NORM
NORMA ISO 15552

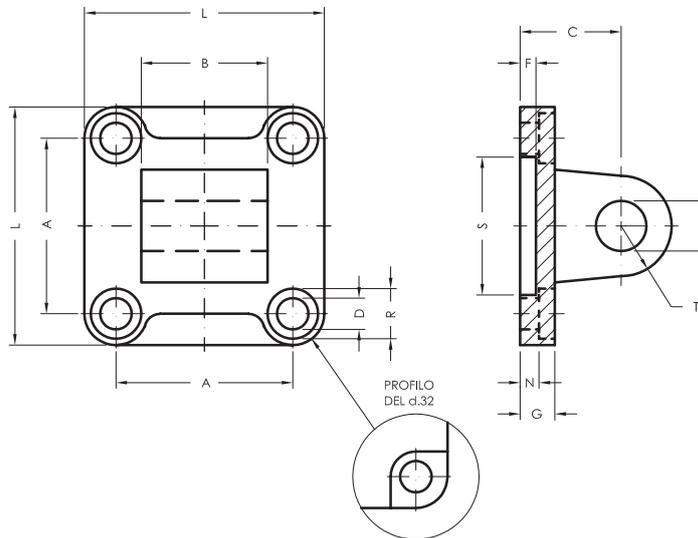


MALE HINGE MP4

CERNIERA MASCHIO MP4

ORDERING CODE | Codice ordinazione

0004 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	G	S H 11	F	C ±0.2	M H 9	T max	B
54	32	32.5	45	6.6	11	5.5	9	30	5	22	10	10	26
76	40	38	52	6.6	11	5.5	9	35	5	25	12	12	28
124	50	46.5	65	9	15	6.5	11	40	5	27	12	12	32
212	63	56.5	75	9	15	6.5	11	45	5	32	16	16	40
420	80	72	95	11	18	10	14	45	5	36	16	16	50
666	100	89	115	11	18	10	14	55	5	41	20	20	60
1264	125	110	140	14	20	10	20	60	7	50	25	25	70
1846	160	140	180	18	26	10	20	65	7	55	30	25	90
2950	200	175	220	18	26	11	25	75	7	60	30	25	90
6200	250	220	270	22	33	11	25	90	11	70	40	40	110
11300	320	270	350	26	39	15	30	110	11	80	45	45	120

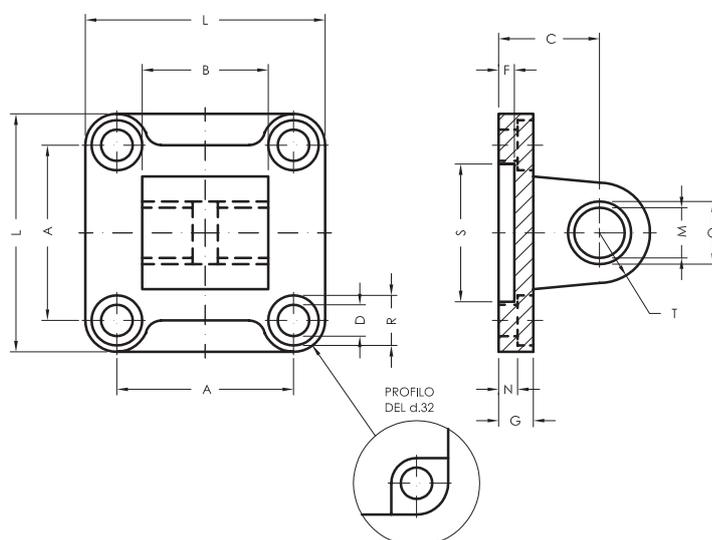
MALE HINGE MP4 WITH BUSHES

CERNIERA MASCHIO MP4
CON BUSSOLE



ORDERING CODE | Codice ordinazione

0030 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H T3	R H T3	N ±0.5	G	S H T1	F	C ±0.2	Q F 7	M H 9	T max	B
54	32	32,5	45	6,6	11	5,5	9	30	5	22	12	10	10	26
76	40	38	52	6,6	11	5,5	9	35	5	25	14	12	12	28
124	50	46,5	65	9	15	6,5	11	40	5	27	14	12	12	32
212	63	56,5	75	9	15	6,5	11	45	5	32	18	16	16	40
420	80	72	95	11	18	10	14	45	5	36	18	16	16	50
666	100	89	115	11	18	10	14	55	5	41	23	20	20	60
1264	125	110	140	14	20	10	20	60	7	50	28	25	25	70
1846	160	140	180	18	26	10	20	65	7	55	34	30	25	90
2950	200	175	220	18	26	11	25	75	7	60	34	30	25	90
6200	250	220	270	22	33	11	25	90	11	70	44	40	40	110
11300	320	270	350	26	39	15	30	110	11	80	50	45	45	120

Note: the bushes are in sinterized steel with teflon
Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)
Standard finish: Rough - Grey (the finished part is tapped)
Possible coatings: Black cataphoresis, Anodising (vedi pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)
Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)
Possibili trattamenti: Cataforesi nera, Anodizzazione (go to pag. 9)

ISO 15552 NORM
NORMA ISO 15552

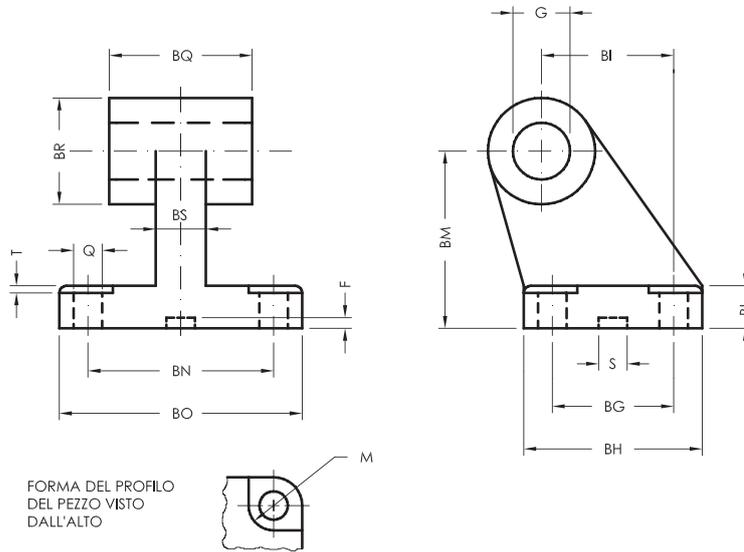


SQUARE JOINT CETOP RP107P

ARTICOLAZIONE
A SQUADRA CETOP RP107P

ORDERING CODE | Codice ordinazione

0057 / diam.



FORMA DEL PROFILO
DEL PEZZO VISTO
DALL'ALTO

Weight peso (g)	D.cil.	Q H 13	M H 13	BG JS 14	BH max	BI JS 14	BL	BM JS 15	BN JS 14	BO max	BS max	BR max	T max	G H 9	S +0.5/0	F +0.5/0	BQ
56	32	6.6	11	18	31	21	8	32	38	51	10	20	1.6	10	10.5	3	26
139	40	6.6	11	22	35	24	10	36	41	54	15	22	1.6	12	10.5	3	28
142	50	9	15	30	45	33	12	45	50	65	16	26	1.6	12	10.5	3	32
200	63	9	15	35	50	37	14	50	52	67	16	30	1.6	16	10.5	3	40
312	80	11	18	40	60	47	14	63	66	86	20	30	2.5	16	10.5	3	50
656	100	11	18	50	70	55	17	71	76	96	20	38	2.5	20	10.5	3	60
826	125	14	20	60	90	70	20	90	94	124	30	45	3.2	25	10.5	3	70
2600	160	14	20	88	126	97	25	115	118	156	36	63	4	30	-	-	90
3250	200	18	26	90	130	105	30	135	122	162	40	63	4	30	-	-	90
5700	250	22	33	110	160	128	35	165	150	200	45	80	4.5	40	-	-	110

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)
Standard finish: Rough - Grey (the finished part is tapped)
Possible coatings: Black cataphoresis, Anodising (vedi pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)
Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)
Possibili trattamenti: Cataforesi nera, Anodizzazione (go to pag. 9)

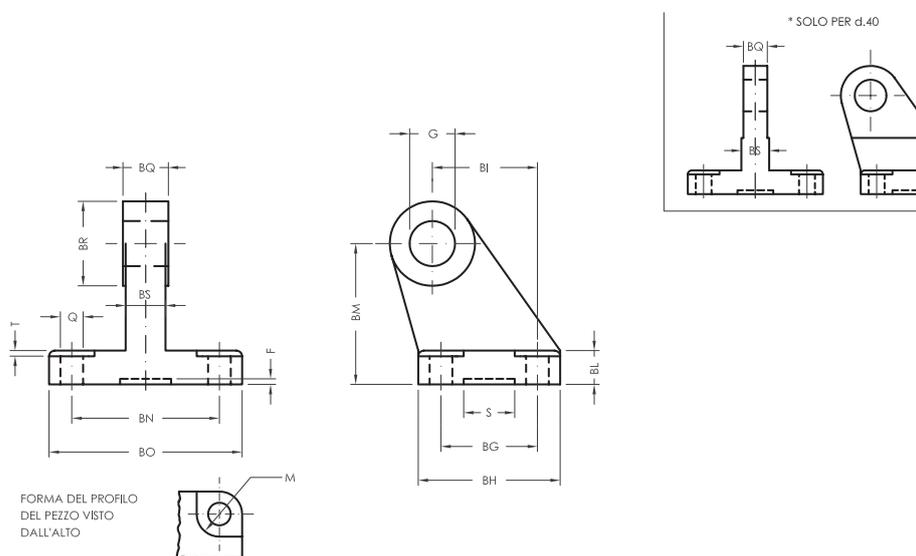


SQUARE JOINT CETOP RP107P FOR FORK DIN 71752

ARTICOLAZIONE
A SQUADRA CETOP RP107P
PER FORCELLA DIN 71752

ORDERING CODE | Codice ordinazione

0057BIS / diam.



Weight peso (g)	D.cil.	Q H 13	M H 13	BG JS 14	BH max	BI JS 14	BL	BM JS 15	BN JS 14	BO max	BS max	BR max	T max	G H 9	S +0.5 0	F +0.5 0	B0 -0.2 -0.6
43	32	6.6	11	18	31	21	8	32	38	51	9.4	20	1.6	10	10.5	3	10
68	40	6.6	11	22	35	24	10	36	41	54	15	-	1.6	12	10.5	3	12
115	50	9	15	30	45	33	12	45	50	65	15.4	26	1.6	16	10.5	3	16
169	63	9	15	35	50	37	14	50	52	67	15.4	30	1.6	16	10.5	3	16
260	80	11	18	40	60	47	14	63	66	86	19.4	30	2.5	20	10.5	3	20
426	100	11	18	50	70	55	17	71	76	96	19.4	38	2.5	20	10.5	3	20
800	125	14	20	60	90	70	20	90	94	124	30	45	3.2	30*	10.5	3	25 30
2500	160	14	20	88	126	97	25	115	118	156	36	63	4	35	-	-	35
3100	200	18	26	90	130	105	30	135	122	162	40	63	4	35	-	-	35
5500	250	22	33	110	160	128	35	165	150	200	45	80	4.5	42	-	-	42

* on request 25 | su richiesta 25

ISO 15552 NORM
NORMA ISO 15552

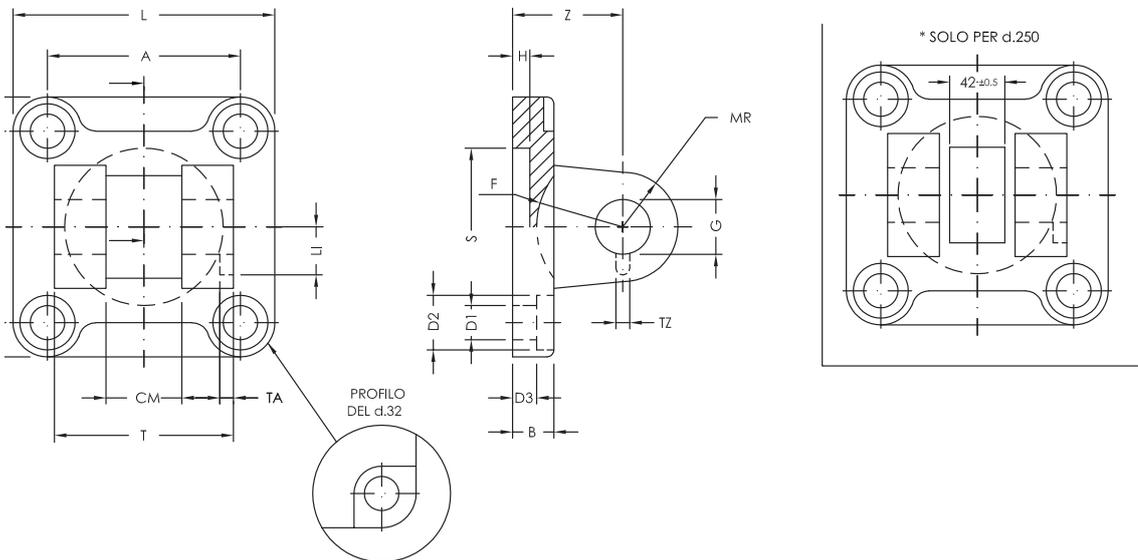
NARROW FEMALE HINGE

CERNIERA FEMMINA
STRETTA



ORDERING CODE | Codice ordinazione

0056 / diam.



Weight peso (g)	D.cil.	L ±0.5	T d 12	CM H 14	A ±0.2	Z ±0.2	H +1/0	B	D3 ±0.5	S H 12	G F 7	MR +1/0	D1 +0.4/-0.2	D2	TA +0.2/0	TZ +0.2/0	LI +0.3/0	F min
42	32	45	34	14	32.5	22	5	9	5.5	30	10	10	6.6	11	3	3.3	11.5	17
70	40	52	40	16	38	25	5	9	5.5	35	12	12	6.6	11	4	4.3	12	20
112	50	65	45	21	46.5	27	5	11	6.5	40	16	14	9	15	4	4.3	14	22
194	63	75	51	21	56.5	32	5	11	6.5	45	16	18	9	15	4	4.3	14	25
382	80	95	65	25	72	36	5	14	10	45	20	20	11	18	4	4.3	16	30
610	100	115	75	25	89	41	5	14	10	55	20	22	11	18	4	6.3	16	32
1100	125	140	97	37	110	50	7	20	10	60	30	25	14	20	6	6.3	24	42
2030	160	180	122	43	140	55	7	20	10	65	35	30	18	26	6	6.3	26.5	46
3400	200	220	122	43	175	60	7	25	11	75	35	30	18	26	6	6.3	26.5	49
5400	250	270	125	49	220	70	11	25	11	90	40	40 ⁰ / ₋₁	22	33	8.5	8.3	32	55 ^{+0.5} / ₀
10100	320	350	150	60	270	80	11	30	15	110	50	50 ⁰ / ₋₁	26	39	8.5	8.3	32	65 ^{+0.5} / ₋₁

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)
Standard finish: Rough - Grey (the finished part is tapped)
Possible coatings: Black cataphoresis, Anodising (go to pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)
Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)
Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)

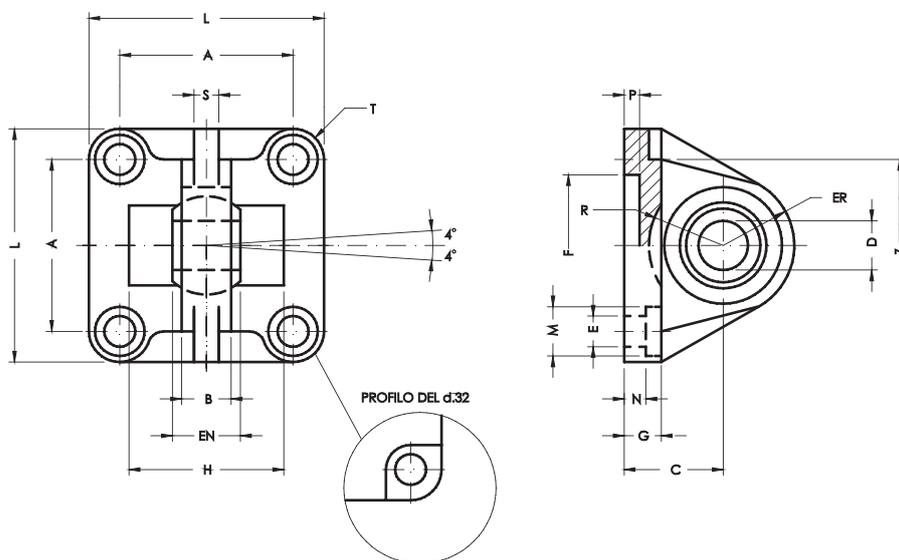


NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO STRETTA
CON TESTINA SNODATA DIN648K

ORDERING CODE | Codice ordinazione

0053 / diam.



Weight peso (g)	D.cil.	A ±0.2	B max	C ±0.2	D H 7	EN 0/-0.1	ER max	F H 11	G	E H 14	L	M H 14	N ±0.5	P	H ±0.5	R ±0.5	S	Z	T
62	32	32.5	10.5	22	10	14	16	30	9	6.6	45	11	5.5	5	-	-	4	32.5	6.25
100	40	38	12	25	12	16	19	35	9	6.6	52	11	5.5	5	-	-	6	39	7
180	50	46.5	15	27	16	21	21	40	11	9	65	15	6.5	5	51	18	8	47	9.25
244	63	56.5	15	32	16	21	24	45	11	9	75	15	6.5	5	-	-	8	52	9.25
476	80	72	18	36	20	25	28.5	45	14	11	95	18	10	5	72	24	10	67	11.5
646	100	89	18	41	20	25	30	55	14	11	115	18	10	5	-	-	10	77	13
1410	125	110	25	50	30	37	40	60	20	13.5	140	20	10	7	-	-	13	98	15
2420	160	140	28	55	35	43	44	65	20	18	180	26	10	7	-	-	14	130	20
3840	200	175	28	60	35	43	47	75	25	18	220	26	11	7	-	-	14	155	22.5
5850	250	220	33	70	40	49	52	90	25	22	270	33	11	11	-	-	19	205	25
11850	320	270	45	80	50	60	63	110	30	26	350	39	15	11	-	-	-	-	28

ISO 15552 NORM
NORMA ISO 15552

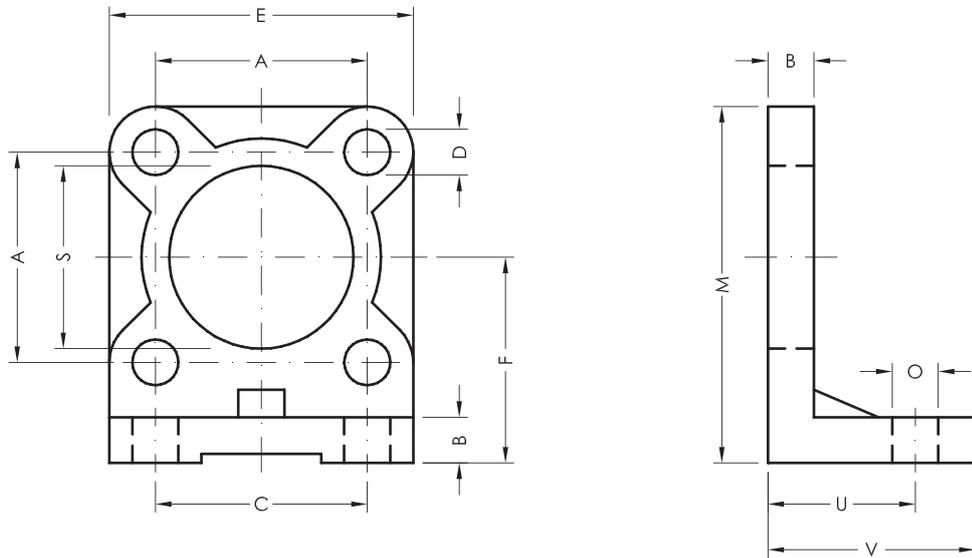


HIGH RISE PEDESTAL

PIEDINO ALTO

ORDERING CODE | Codice ordinazione

0035 / diam.



Weight peso (g)	D.cil.	A ±0.2	B	C ±0.2	D +0.3/0	E	F ±0.2	M	O +0.3/0	S +0.3/0	U ±0.2	V
46	32	32.5	8	32	7	45	32	54.5	7	30	24	35
66	40	38	8	36	7	52	36	62	9	35	28	35
138	50	46.5	10	45	9	65	45	77.5	9	40	32	45
174	63	56.5	10	50	9	75	50	87.5	9	45	32	45
356	80	72	12	63	11	95	63	110.5	12	45	41	55
468	100	89	12	75	11	115	71	128	14	55	41	56
920	125	110	16	90	14	140	91	161	16	60	45	68
2300	160	140	20	115	18	180	115	205	18	65	60	82
3200	200	175	20	135	18	220	135	245	22	75	70	90

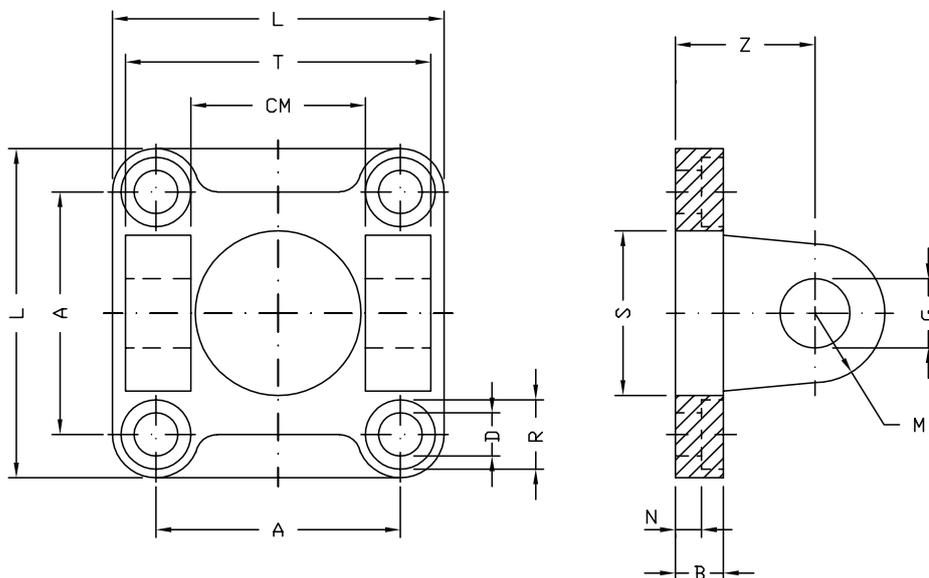


FRONT FEMALE HINGE MP2

CERNIERA FEMMINA
ANTERIORE MP2

ORDERING CODE | Codice ordinazione

0003ANT / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	B	S +0.3/0	Z ±0.2	G H 9	M max	CM H 14	T h 14
48	32	32.5	45	6.6	11	5.5	9	30	22	10	10	26	45
75	40	38	52	6.6	11	5.5	9	35	25	12	12	28	52
124	50	46.5	65	9	15	6.5	11	40	27	12	12	32	60
192	63	56.5	75	9	15	6.5	11	45	32	16	16	40	70
380	80	72	95	11	18	10	14	45	36	16	16	50	90
620	100	89	115	11	18	10	14	55	41	20	20	60	110
1180	125	110	140	14	20	10	20	60	50	25	25	70	130
1780	160	140	180	18	26	10	20	65	55	30	25	90	170
2900	200	175	220	18	26	11	25	75	60	30	25	90	170
5800	250	220	270	22	33	11	25	90	70	40	40	110	200
7500	320	270	350	26	39	11	30	110	80	45	45	120	220

MOUNTING PARTS TO NORM

FISSAGGI A NORMA

ISO 15552

STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO

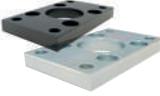


ISO 6431 ALUMINIUM | ALLUMINIO

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Steel

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ISO 15552 NORM
NORMA ISO 15552

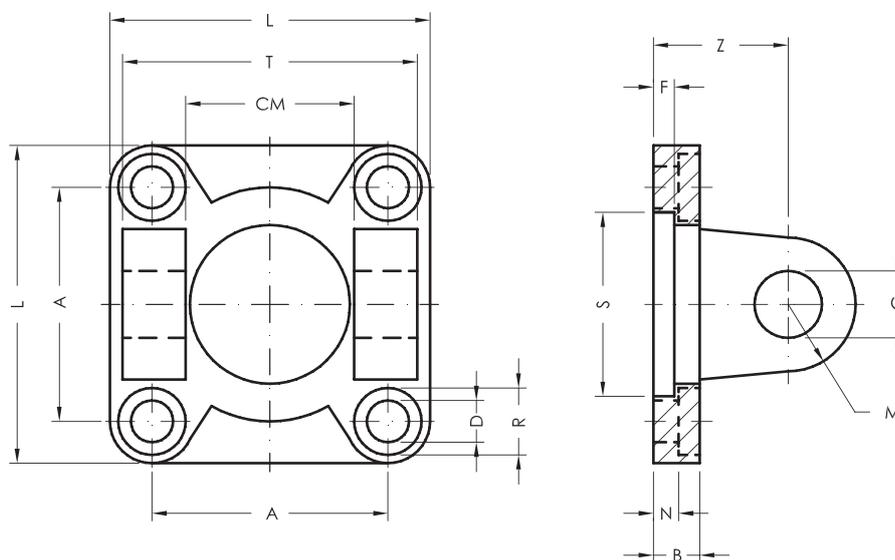


FEMALE HINGE MP2

CERNIERA FEMMINA MP2

CODE ORDERING | Codice ordinazione

0017 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	B	S H 11	F	Z ±0.2	G H 9	M max	CM H 14	T h 14
138	32	32.5	45	6.6	11	5.5	10	30	5	22	10	10	26	45
230	40	38	55	6.6	11	5.5	10	35	5	25	12	12	28	52
338	50	46.5	65	9	15	6.5	10	40	5	27	12	12	32	60
540	63	56.5	75	9	15	6.5	12	45	5	32	16	16	40	70
1000	80	72	95	11	18	10	14	45	-	36	16	16	50	90
1700	100	89	115	11	18	10	16	55	-	41	20	20	60	110
3350	125	110	140	13.5	20	10	20	60	-	50	25	25	70	130
5750	160	140	180	18	26	10	20	65	-	55	30	25	90	170
8900	200	175	220	18	26	11	20	75	7	60	30	25	90	170
15900	250	220	270	22	33	11	25	90	11	70	40	40	110	200
30750	320	270	350	26	39	15	30	110	11	80	45	45	120	220

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

ISO 15552 NORM
NORMA ISO 15552

ISO 15552
Steel

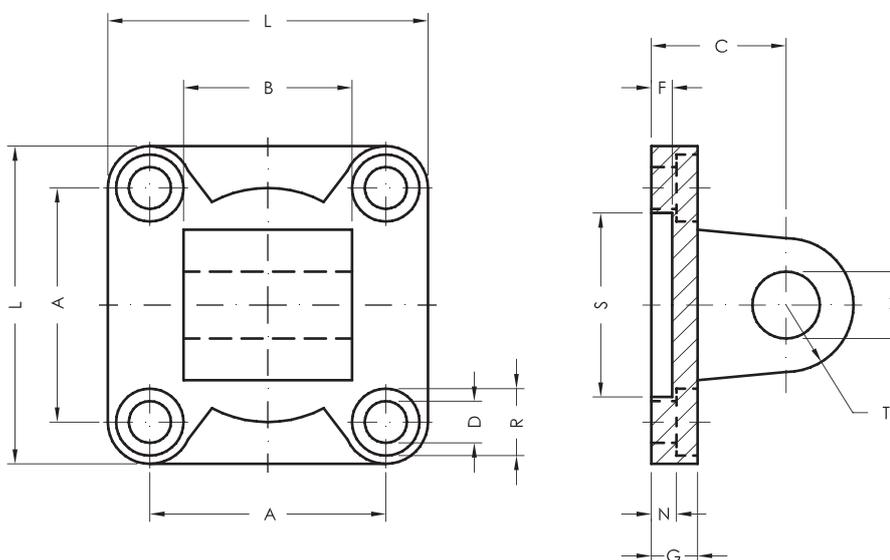
MALE HINGE MP4

CERNIERA MASCHIO MP4



CODE ORDERING | Codice ordinazione

0019 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	G	S H 11	F	C ±0.2	M H 9	T max	B
176	32	32.5	45	6.6	11	5.5	10	30	5	22	10	10	26
274	40	38	55	6.6	11	5.5	10	35	5	25	12	12	28
368	50	46.5	65	9	15	6.5	10	40	5	27	12	12	32
682	63	56.5	75	9	15	6.5	12	45	5	32	16	16	40
1196	80	72	95	11	18	10	14	45	5	36	16	16	50
2100	100	89	115	11	18	10	16	55	5	41	20	20	60
3740	125	110	140	13.5	20	10	20	60	7	50	25	25	70
5890	160	140	180	18	26	10	20	65	7	55	30	25	90
8470	200	175	220	18	26	11	20	75	7	60	30	25	90
16850	250	220	270	22	33	11	25	90	11	70	40	40	110
31750	320	270	350	26	39	15	30	110	11	80	45	45	120

ISO 15552 NORM
NORMA ISO 15552

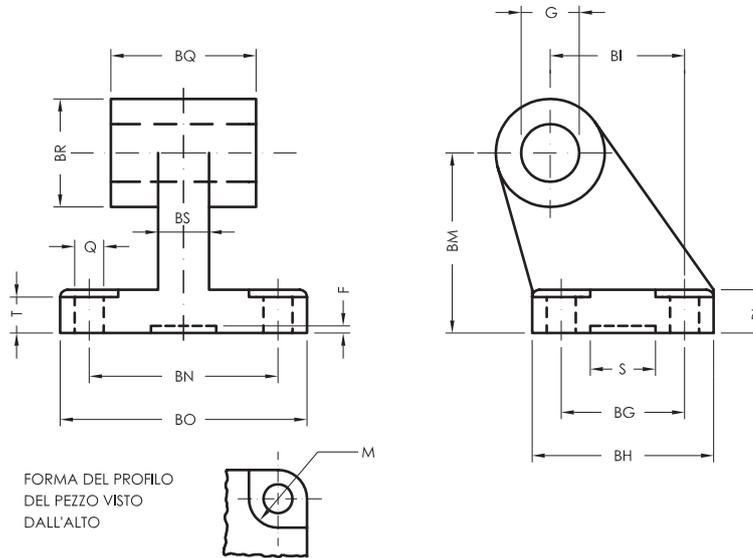
SQUARE JOINT CETOP RP107P

ARTICOLAZIONE
A SQUADRA CETOP RP107P



CODE ORDERING | Codice ordinazione

0005 / diam.



FORMA DEL PROFILO
DEL PEZZO VISTO
DALL'ALTO

Weight peso (g)	D.cil.	Q H 13	M H 13	BG JS 14	BH max	BI JS 15	BL	BM JS 15	BN JS 14	BO max	BS max	BR max	BQ -0.2/-0.6	G H 9	T +0.5/0	S +0.2/0	F
158	32	6.6	11	18	31	21	8	32	38	51	10	20	26	10	6.5	20	3
238	40	6.6	11	22	35	24	10	36	41	54	10	22	28	12	8.5	20	3
418	50	9	15	30	45	33	12	45	50	65	14	26	32	12	10.5	20	3
526	63	9	15	35	50	37	12	50	52	67	14	30	40	16	10.5	20	3
1055	80	11	18	40	60	47	14	63	66	86	18	30	50	16	11.5	20	3
1510	100	11	18	50	70	55	15	71	76	96	20	36	60	20	12.5	20	3
3150	125	14	20	60	90	70	20	90	94	124	30	45	70 ^{-0.5/-1.2}	25	17	20	3

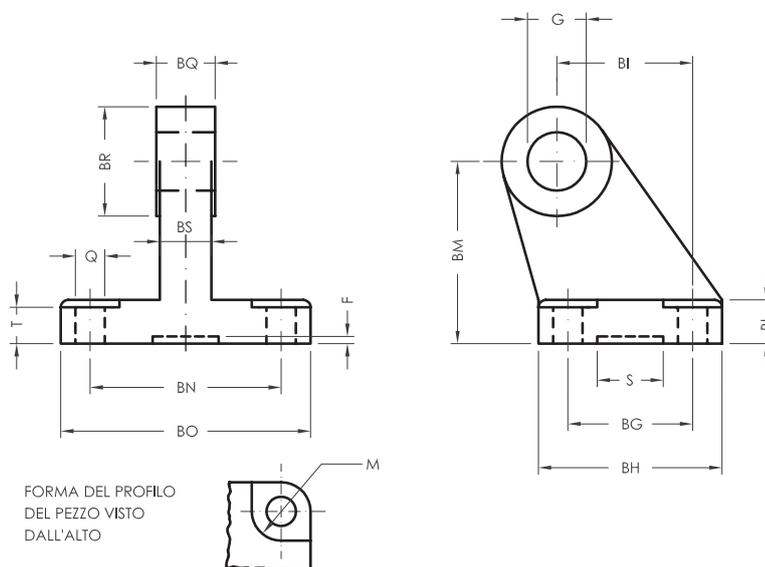


SQUARE JOINT CETOP RP107P FOR FORK DIN 71752

ARTICOLAZIONE A SQUADRA
CETOP RP107P PER FORCELLA
DIN 71752

CODE ORDERING | Codice ordinazione

0005BIS / diam.



FORMA DEL PROFILO
DEL PEZZO VISTO
DALL'ALTO

Weight peso (g)	D.cil.	Q H 13	M H 13	BG JS 14	BH max	BI JS 15	BL	BM JS 15	BN JS 14	BO max	BS max	BR max	BQ -0.2/-0.6	G H 9	T +0.5/0	S +0.2/0	F
128	32	6.6	11	18	31	21	8	32	38	51	9.4	20	10	10	6.5	20	3
183	40	6.6	11	22	35	24	10	36	41	54	10	22	12	12	8.5	20	3
350	50	9	15	30	45	33	12	45	50	65	14	26	16	16	10.5	20	3
450	63	9	15	35	50	37	12	50	52	67	14	30	16	16	10.5	20	3
800	80	11	18	40	60	47	14	63	66	86	18	30	20	20	11.5	20	3
1210	100	11	18	50	70	55	15	71	76	96	20	36	20	20	12.5	20	3
2694	125	14	20	60	90	70	20	90	94	124	30	45	30	30	17	20	3

ISO 15552 NORM
NORMA ISO 15552

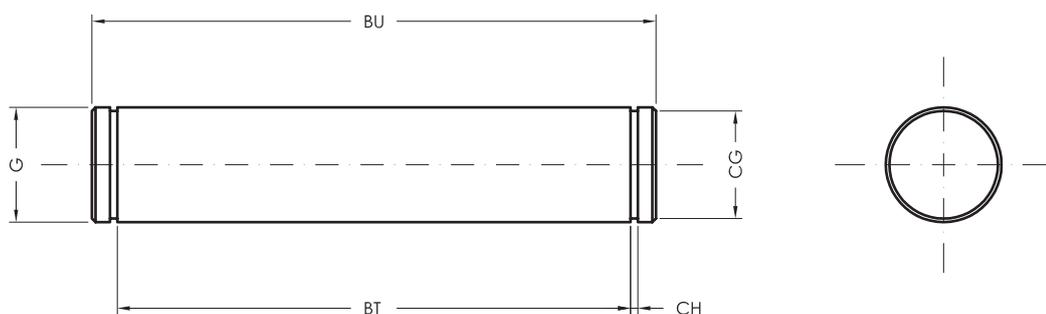
PIN FOR FEMALE HINGE MP2

PERNO PER CERNIERA
FEMMINA MP2



CODE ORDERING | Codice ordinazione

0007 / diam.



Weight peso (g)	D.cil.	G e 8	BT +0.3/0	CG	CH H 13	BU
32	32	10	46	9.6	1.1	53
52	40	12	53	11.5	1.1	60
60	50	12	61	11.5	1.1	68
122	63	16	71	15.2	1.1	78
152	80	16	91	15.2	1.1	98
290	100	20	111	19	1.3	118
530	125	25	132	23.9	1.3	139
978	160	30	171.5	28.6	1.6	178
978	200	30	171.5	28.6	1.6	178
2100	250	40	202	37.5	1.85	211
2950	320	45	222	42.5	1.85	236

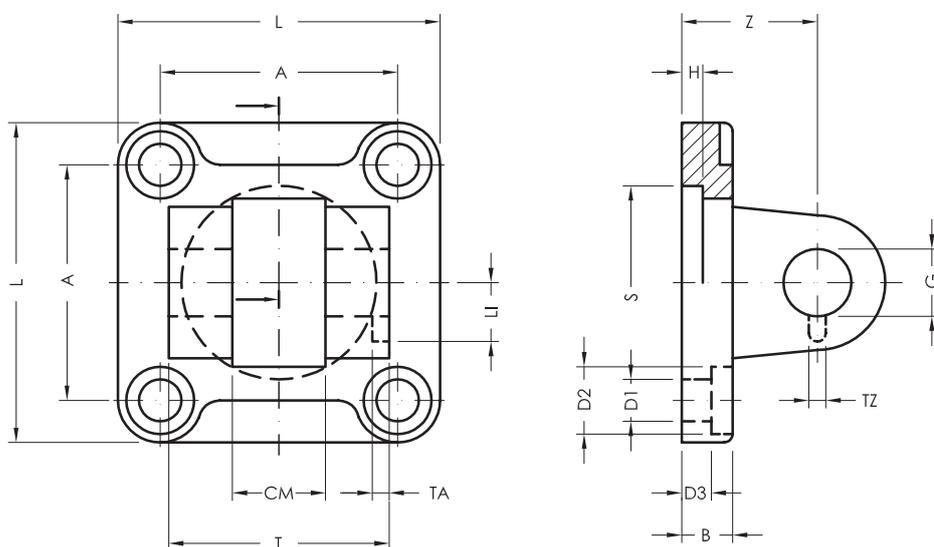
NARROW FEMALE HINGE

CERNIERA FEMMINA
STRETTA



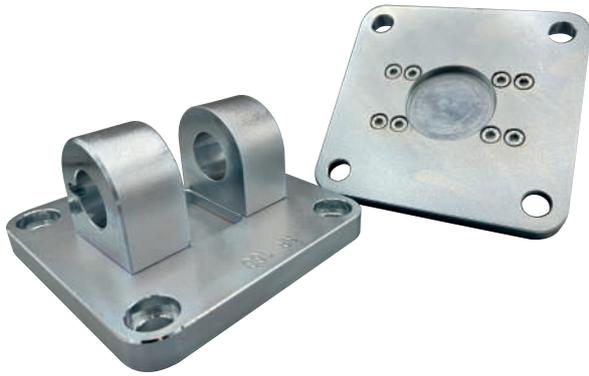
CODE ORDERING | Codice ordinazione

0013 / diam.



Weight peso (g)	D.cil.	L ±0.5	T h 14	CM H 14	A ±0.2	Z ±0.2	H	B	D3 ±0.5	S H 11	G F 7	D1 H 14	D2 H 14	TA +0.2/0	TZ +0.2/0	LI +0.3/0
140	32	45	34	14	32.5	22	5	10	5.5	30	10	6.6	10.5	3	3.3	11.5
230	40	55	40	16	38	25	5	10	5.5	35	12	6.6	11	4	4.3	12
336	50	65	45	21	46.5	27	5	10	6.5	40	16	9	15	4	4.3	14
546	63	75	51	21	56.5	32	5	12	6.5	45	16	9	15	4	4.3	14
1190	80	95	65	25	72	36	5	14	10	45	20	11	18	4	4.3	16
1840	100	115	75	25	89	41	5	16	10	55	20	11	18	4	6.3	16
3550	125	140	97	37	110	50	7	20	10	60	30	13.5	20	6	6.3	24

ISO 15552 NORM
NORMA ISO 15552

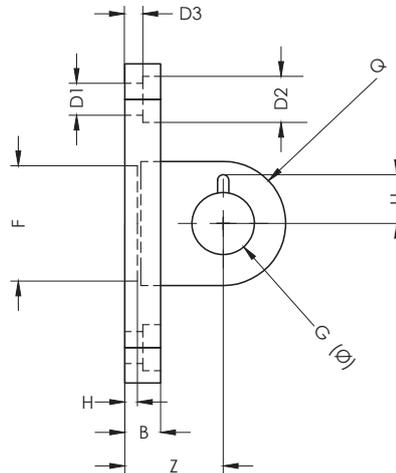
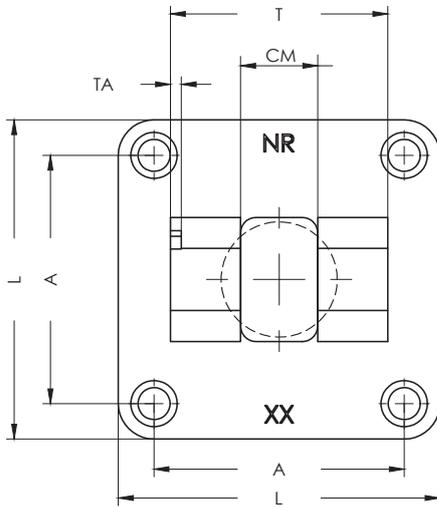


NARROW FEMALE HINGE

CERNIERA FEMMINA STRETTA

CODE ORDERING | Codice ordinazione

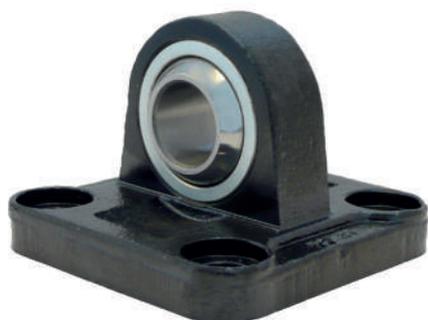
0013 / diam.



ASSEMBLING PART
USING FASTENING ELEMENTS

PARTICOLARE ASSEMBLATO
TRAMITE ELEMENTI DI FISSAGGIO

Weight peso (kg)	D.cil.	L ±0.5	A ±0.3	T H 12	CM H 14	TA H 14	D1 H 14	D2 H 14	D3 ±0.5	F H 11	H	B	G F 7	Q ±1	LI	Z ±0.2
~6,2	160	180	140	122 0.00 -1.00	43 +0.62 0.00	6 ±0.2	18 +0.43 0.00	26 +0.52 0.00	10	65 +0.18 0.00	7 +0.50 0.00	20 ±0.2	35 +0.050 +0.025	R35	27,5 0.00 -0.50	55
~10,9	200	220	175	122 0.00 -1.00	43 +0.62 0.00	6 ±0.2	18 +0.43 0.00	26 +0.52 0.00	11	75 +0.18 0.00	7 +0.50 0.00	25 ±0.2	35 +0.050 +0.025	R36	27,5 0.00 -0.50	60
~16,6	250	270	220	125 0.00 -1.00	49 +0.62 0.00	8 ±0.2	22 +0.52 0.00	33 +0.62 0.00	11	90 +0.22 0.00	11 +0.50 0.00	25 ±0.2	40 +0.050 +0.025	R40	33 0.00 -0.50	70

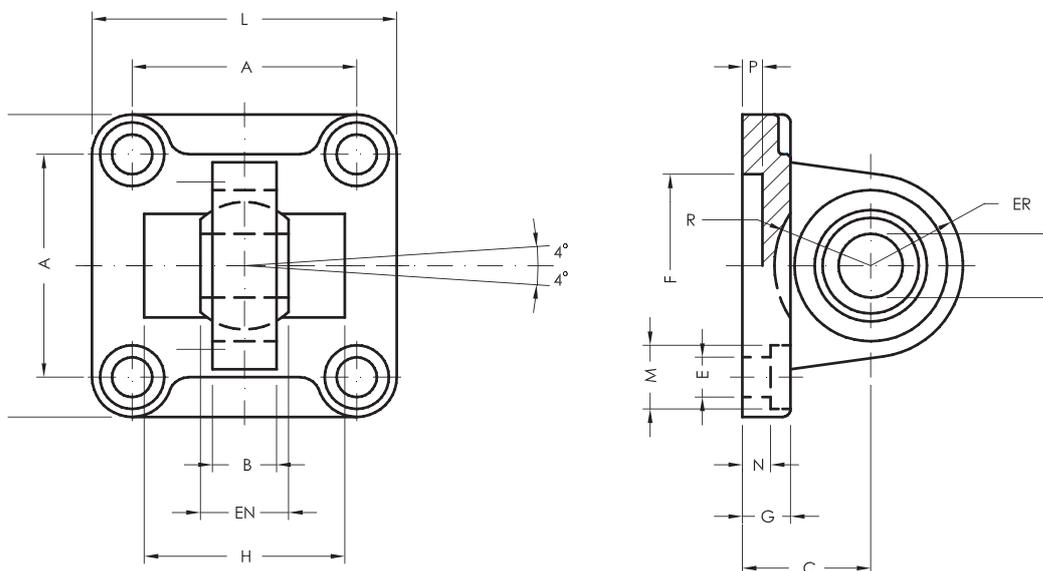


NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO
STRETTA CON TESTINA SNODATA
DIN648K

CODE ORDERING | Codice ordinazione

0018 / diam.



Weight peso (g)	D.cil.	A ±0.2	B max	C JS 15	D H 7	EN 0/-0.1	ER max	F H 11	G	E H 13	L	M H 13	N	P	H ±0.5	R ±0.5
152	32	32.5	10.5	22	10	14	15	30	10	6.6	45	10.5	5.5	5	-	-
256	40	38	12	25	12	16	18	35	10	6.6	55	11	5.5	5	-	-
364	50	46.5	15	27	16	21	20	40	10	9	65	15	6.5	5	51	19
595	63	56.5	15	32	16	21	23	45	12	9	75	15	6.5	5	-	-
1122	80	72	18	36	20	25	27	45	14	11	95	18	10	5	70	24
1786	100	89	18	41	20	25	30	55	16	11	115	18	10	5	-	-
3500	125	110	25	50	30	37	40	60	20	13.5	140	20	10	7	-	-

ISO 15552 NORM
NORMA ISO 15552

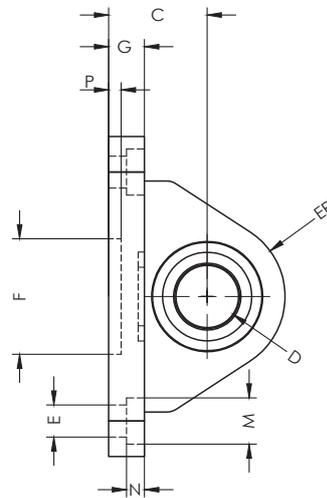
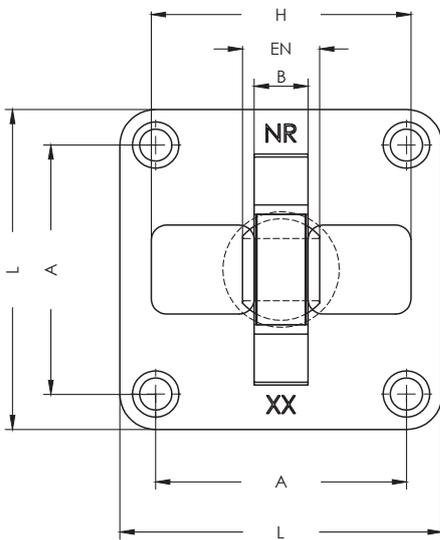


NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO
STRETTA CON TESTINA SNODATA
DIN648K

CODE ORDERING | Codice ordinazione

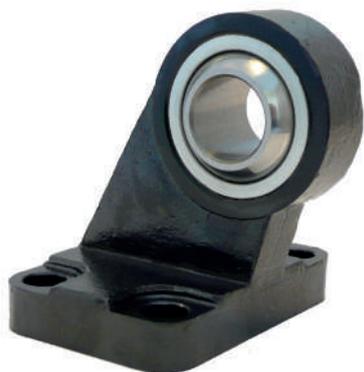
0018 / diam.



ASSEMBLING PART
USING FASTENING ELEMENTS

PARTICOLARE ASSEMBLATO
TRAMITE ELEMENTI DI FISSAGGIO

Weight peso (kg)	D.cil.	L ±1.5	A ±0.3	B	EN	H	E H 14	M H 14	N ±0.5	F H 11	P	G	D H 7	ER MAX	C ±0.2
~5,9	160	180	140	30 ^{+17 -0.3}	43 ^{0.0 -0.1}	145 ^{±1.0}	18 ^{+0.43 0.00}	26 ^{+0.52 0.00}	10	65 ^{+0.19 0.00}	7 ^{+0.50 0.00}	20 ^{±0.2}	35 ^{+0.03 0.00}	R44	55
~10,7	200	220	175	30 ^{+17 -0.3}	43 ^{0.0 -0.1}	145 ^{±1.0}	18 ^{+0.43 0.00}	26 ^{+0.52 0.00}	14	75 ^{+0.19 0.00}	7 ^{+0.50 0.00}	25 ^{±0.2}	35 ^{+0.03 0.00}	R47	60
~16,0	250	270	220	35 ^{+17 -0.3}	49 ^{0.0 -0.1}	-	22 ^{+0.52 0.00}	33 ^{+0.62 0.00}	14	90 ^{+0.22 0.00}	11 ^{+0.50 0.00}	25 ^{±0.2}	40 ^{+0.03 0.00}	R53	70

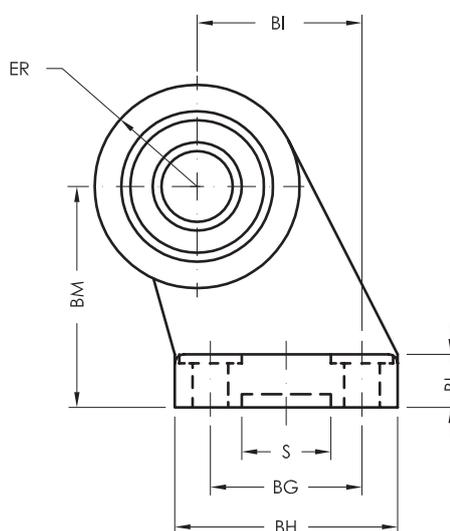
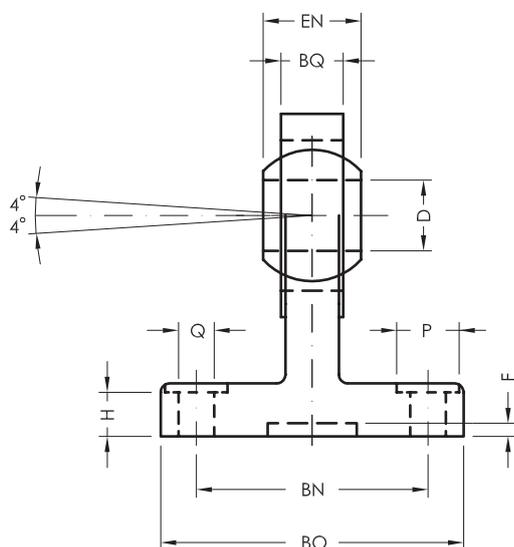


SQUARE JOINT WITH ARTICULATED HEAD DIN648K

ARTICOLAZIONE A SQUADRA
CON TESTINA SNODATA DIN648K

CODE ORDERING | Codice ordinazione

0011 / diam.



Weight peso (g)	D.cil.	Q H 13	P H 13	BG JS 14	BH max	BI JS 15	BL	BM JS 15	BN JS 14	BO max	EN 0-0.1	ER max	BQ max	D H 7	H +0.5/0	S H 13	F
178	32	6.6	11	18	31	21	10	32	38	51	14	15	10.5	10	8.5	20	3
268	40	6.6	11	22	35	24	10	36	41	54	16	18	12	12	8.5	20	3
458	50	9	15	30	45	33	12	45	50	65	21	20	15	16	10.5	20	3
550	63	9	15	35	50	37	12	50	52	67	21	23	15	16	10.5	20	3
970	80	11	18	40	60	47	14	63	66	86	25	27	18	20	11.5	20	3
1326	100	11	18	50	70	55	15	71	76	96	25	30	18	20	12.5	20	3
3000	125	13.5	20	60	90	70	20	90	94	124	37	40	25	30	17	20	3

ISO 15552 NORM
NORMA ISO 15552

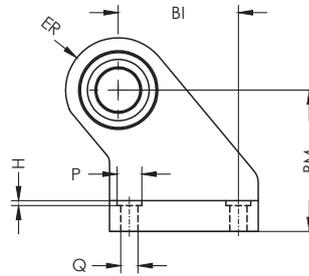
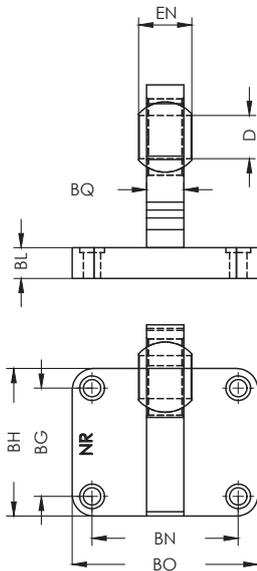


SQUARE JOINT WITH ARTICULATED HEAD DIN648K

ARTICOLAZIONE A SQUADRA
CON TESTINA SNODATA DIN648K

CODE ORDERING | Codice ordinazione

0011 / diam.



ASSEMBLING PART
USING FASTENING ELEMENTS

PARTICOLARE ASSEMBLATO
TRAMITE ELEMENTI DI FISSAGGIO

Weight peso (kg)	D.cil.	BO ±2	BH ±2	BG JS 14	BN JS 14	BL	BQ	D H 7	EN	Q H 13	P	H	ER	BI JS 14	BM JS 14
~6,0	160	150	120	88 +0.44	118 +0.44	25 +1.3 -0.3	30 +1.7 -0.3	35 +0.03 -0.00	43 0.0 -0.1	14 +0.27 0.00	20 +0.60 0.00	4 +0.00 -0.80	42.5 ±15	97 +0.44	115 +0.70
~7,5	200	160	125	90 +0.44	122 ±0.5	30 +1.7 -0.3	30 +1.7 -0.3	35 +0.03 -0.00	43 0.0 -0.1	18 +0.27 0.00	26 +0.60 0.00	4 +0.00 -0.80	45 ±15	105 ±0.5	135 ±0.80
~13,4	250	200	160	110 +0.44	150 ±0.5	35 +1.7 -0.3	35 +1.7 -0.3	40 +0.03 -0.00	49 0.0 -0.1	22 +0.33 0.00	33 +0.60 0.00	4.5 +0.00 -0.80	51.5 ±15	128 ±0.5	165 ±0.80

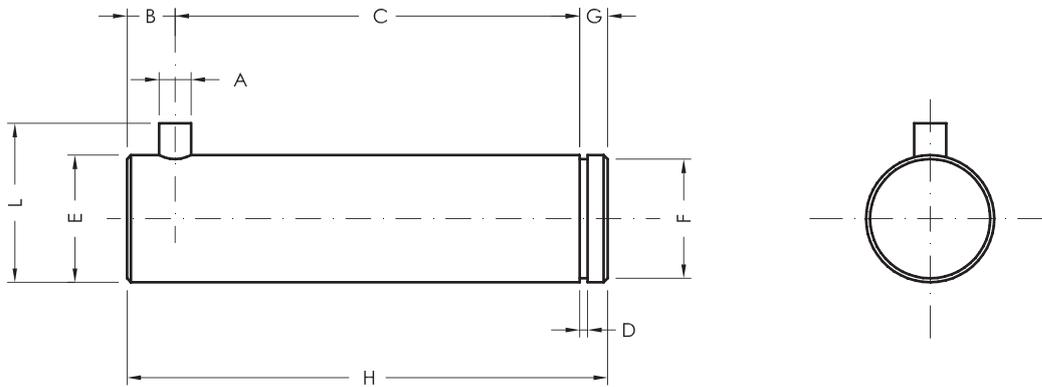
PIN ANTI-ROTATION FOR NARROW FEMALE HINGE

PERNO ANTIROTAZIONE
PER CERNIERA FEMMINA
STRETTA



CODE ORDERING | Codice ordinazione

0012 / diam.



Weight peso (g)	D.cil.	A H 12	C +0.5/+0.3	D H 13	E h 9	F h 11	G	H	L 0/-0.5	B	
26	32	3	32.5	1.1	10	9.6	4	41	14	4.5	
42	40	4	38	1.1	12	11.5	4	48	16	6	
84	50	4	43	1.1	16	15.2	5	54	20	6	0
94	63	4	49	1.1	16	15.2	5	60	20	6	-1
184	80	4	63	1.3	20	19	6	75	24	6	
208	100	4	73	1.3	20	19	6	85	24	6	
606	125	6	94	1.6	30	28.6	7	110	36	9	
972	160	6	119	1.6	35	33	7	135	41	9	0
972	200	6	119	1.6	35	33	7	135	41	9	-2
1365	250	8	121	1.85	40	37.5	7	140	48	12	

ISO 15552 NORM
NORMA ISO 15552

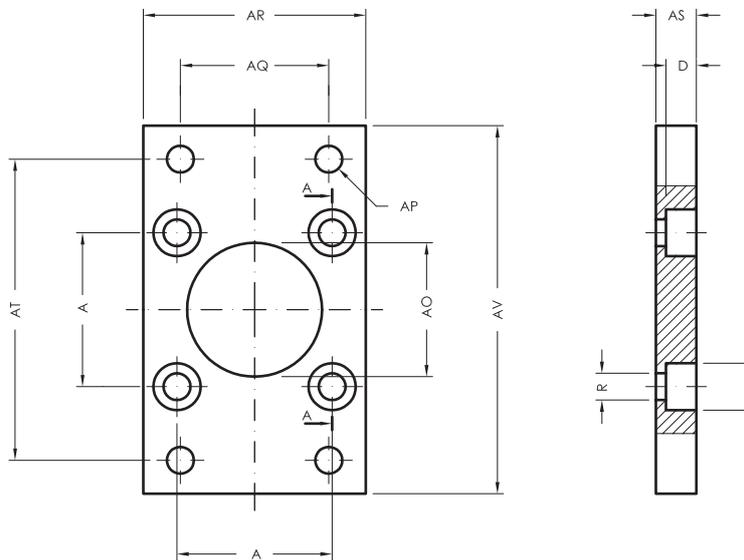
FLANGE ISO MF1/MF2

FLANGIA ISO MF1/MF2



CODE ORDERING | Codice ordinazione

0008 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	AO H 11	R H 14	AS ±0.2	AR	AQ JS 14	AT JS 14	AV	C H 14	D
190	32	32.5	7	30	6.5	10	45	32	64	80	10.5	6.5
246	40	38	9	35	6.5	10	52	36	72	90	10.5	6.5
478	50	46.5	9	40	8.5	12	65	45	90	110	13.5	8.5
622	63	56.5	9	45	8.5	12	75	50	100	120	13.5	8.5
1430	80	72	12	45	10.5	16	95	63	126	150	16.5	10.5
1986	100	89	14	55	10.5	16	115	75	150	170	16.5	10.5
3750	125	110	16	60	13.5	20	140	90	180	205	20	12.5
6350	160	140	18	65	17	20	180	115	230	260	25	16.5
11350	200	175	22	75	17	25	220	135	270	300	25	16.5
20100	250	220	26	90	22.5	25	285	165	330	400	33	20

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

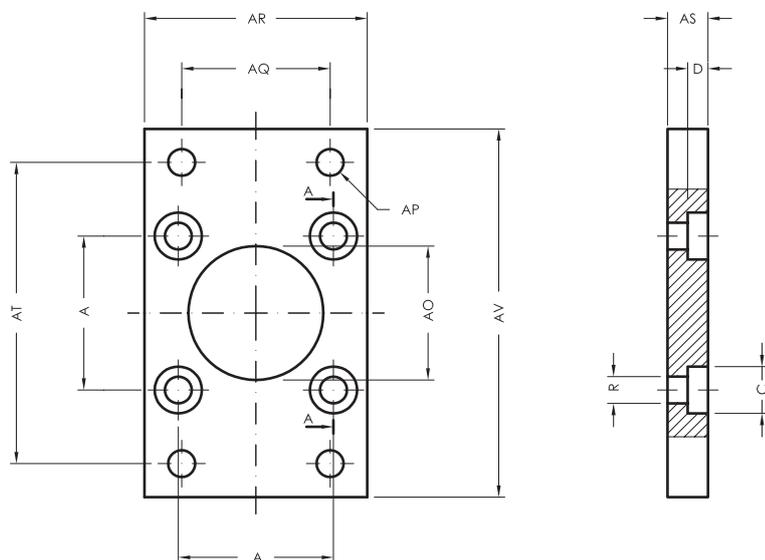


FLANGE VDMA MF1/MF2

FLANGIA VDMA MF1/MF2

CODE ORDERING | Codice ordinazione

0008BIS / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	A0 H 11	R H 13	AS ±0.2	AR	AQ JS 14	AT JS 14	AV	C H 13	D +0.5/0
192	32	32.5	7	30	6.6	10	45	32	64	80	10.5	5
250	40	38	9	35	6.6	10	52	36	72	90	11	5
482	50	46.5	9	40	9	12	65	45	90	110	15	5.5
626	63	56.5	9	45	9	12	75	50	100	120	15	5.5
1436	80	72	12	45	11	16	95	63	126	150	18	8
1994	100	89	14	55	11	16	115	75	150	170	18	8
3760	125	110	16	60	13.5	20	140	90	180	205	20	9.5
6362	160	140	18	65	18	20	180	115	230	260	26	10.5
11368	200	175	22	75	18	25	220	135	270	300	26	12.5
20150	250	220	26	90	22	25	285	165	330	400	33	14.5
34550	320	270	33	110	26	30	350	200	400	470	39	15

ISO 15552 NORM
NORMA ISO 15552

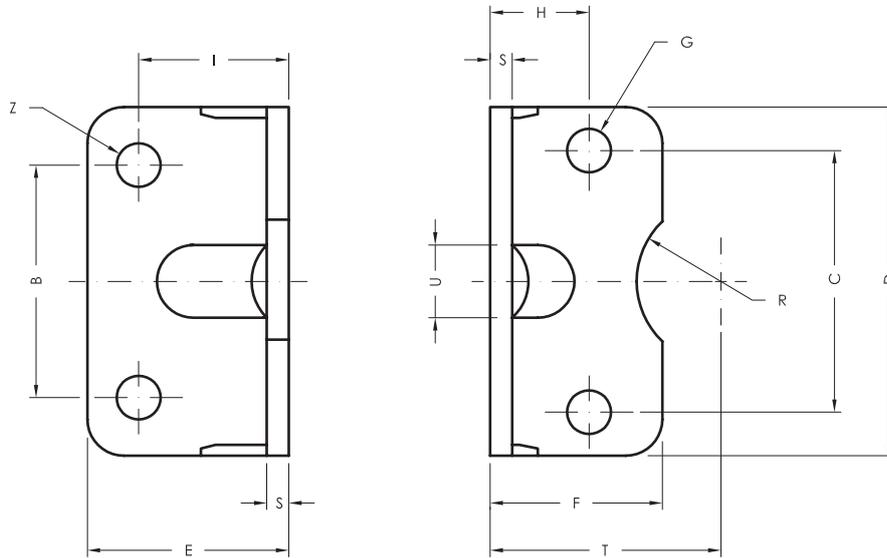
LOW-RISE PEDESTAL MS1

PIEDINO BASSO MS1



CODE ORDERING | Codice ordinazione

0006 / diam.



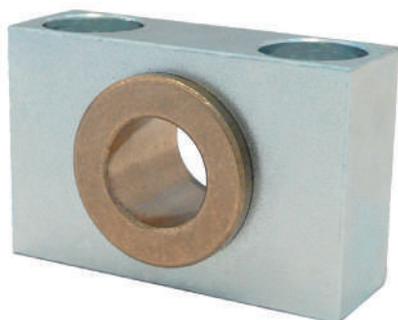
Weight peso (g)	D.cil.	C ±0.2	B JS 14	D 0/-0.2	E	F +2/0	G H 14	H ±0.2	I ±0.2	S ±0.5	T JS 16	R H 15	U	Z H 14
66	32	32.5	32	45	35	30	7	15.75	24	4	32	15	11	7
78	40	38	36	52	36	30	7	17	28	4	36	17.5	15	9
168	50	46.5	45	65	47	36	9	21.75	32	5	45	20	16	9
190	63	56.5	50	75	45	35	9	21.75	32	5	50	22.5	18	9
382	80	72	63	95	55	47	11	27	41	6	63	22.5	17	12
452	100	89	75	115	57	53	11	26.5	41	6	71	27.5	24	14
1150	125	110	90	140	70	70	14	35	45	8	90	30	-	16
2000	160	140	115	180	75	100	18	45	60	9	115	32.5	-	18
3800	200	175	135	220	100	100	18	47.5	70	12	135	37.5	-	22
6600	250	220	165	270	100	150	22	55	75	14±1	165	45	-	26

Possibility of ordering in pair with code
Possibilità di ordinarlo a coppie con il codice

CP0006

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

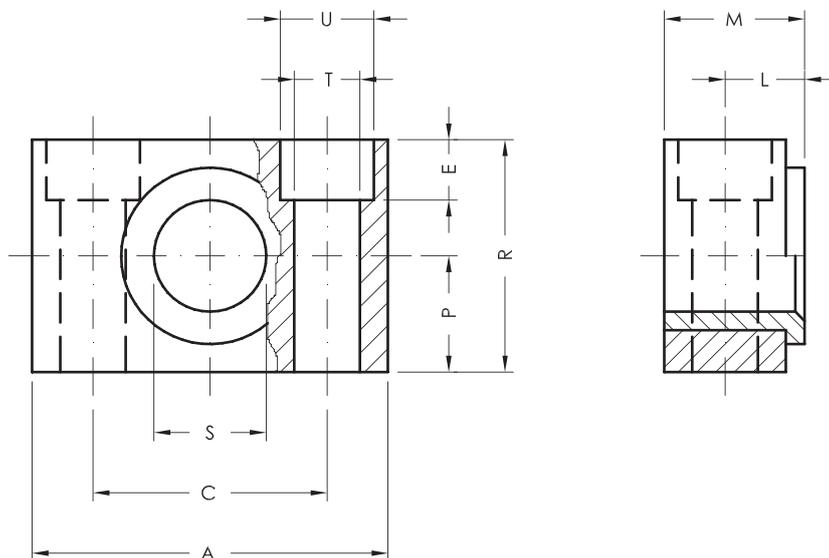


SUPPORT FOR INTERMEDIATE HINGE

SUPPORTO PER CERNIERA INTERMEDIA

CODE ORDERING | Codice ordinazione

0058 / diam.



Weight peso (g)	D.cil.	A	M	R	P ±0.1	C ±0.2	S F 7	L	U H 13	T H 13	E ±0.5
100	32	46	18	30	15	32	12	10.5	11	6.6	7
150	40-50	55	21	36	18	36	16	12	15	9	9
234	63-80	65	23	40	20	42	20	13	18	11	11
435	100-125	75	28.5	50	25	50	25	16	20	14	13
850	160-200	92	40	60	30	60	32	22.5	26	18	17
2750	250	140	56	70	35	90	40	31	33	22	20
3520	320	150	60	80	40	100	50	32,5	39	26	25,5

Possibility of ordering in pair with code
Possibilità di ordinarlo a coppie con il codice

CP0058

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

ISO 15552 NORM
NORMA ISO 15552

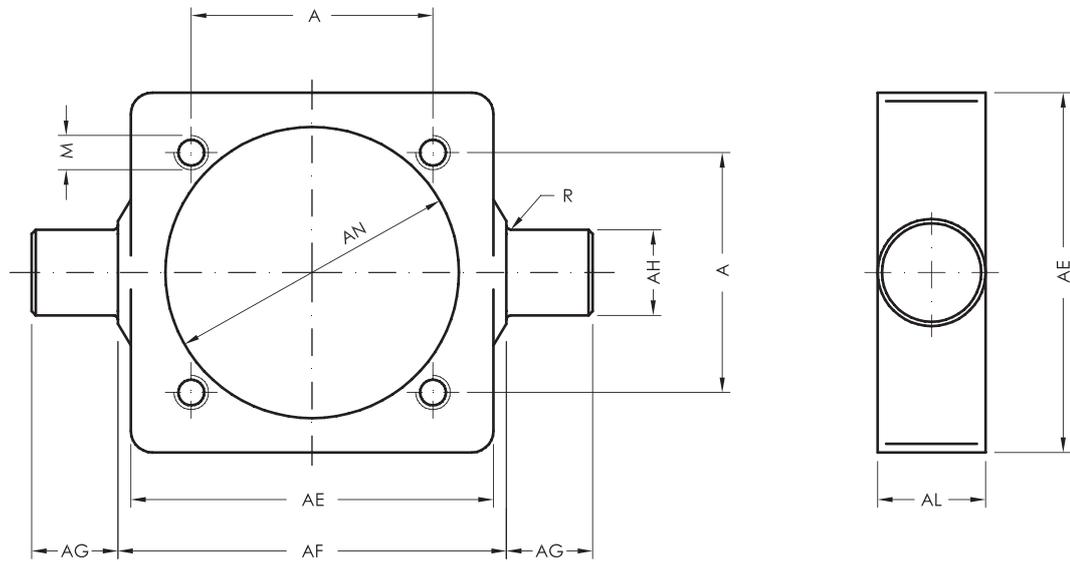
INTERMEDIATE HINGE MT4

CERNIERA INTERMEDIA
ROTONDA FILETTATA MT4



CODE ORDERING | Codice ordinazione

0009 / diam.



Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	M
128	32	32.5	46	15	12	12	50	37 ^{+0.2} ₊₀	1	M6
308	40	38	59	20	16	16	63	46 ^{+0.2} ₊₀	1.5	M6
370	50	46.5	69	20	16	16	75	56 ^{+0.2} ₊₀	1.6	M8
690	63	56.5	84	25	20	20	90	69 ^{+0.2} ₊₀	1.6	M8
894	80	72	102	25	20	20	110	87 ^{+0.2} ₊₀	1.6	M10
1584	100	89	125	30	25	25	132	107 ^{+0.2} ₊₀	2	M10
2600	125	110	155	32	25	25	160	133.5 ^{+0.2} ₊₀	2	M12
4300	160	140	190	40	32	32	200	171 ^{+0.2} ₊₀	2.5	M16
7450	200	175	240	40	32	32	250	211 ^{+0.2} ₊₀	2.5	M16
13000	250	220	296	50	40	40	320	268 ^{+0.5} ₊₀	-	M20
22500	320	270	370	60	50	50	400	343 ^{+0.7} ₊₀	-	M24

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

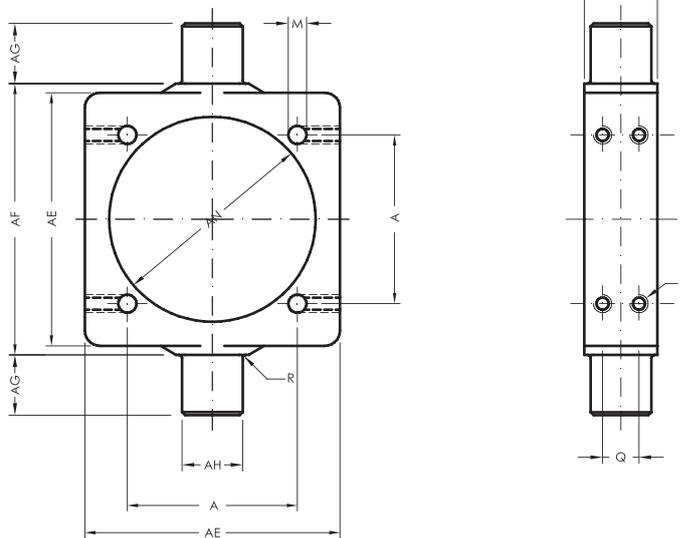
INTERMEDIATE HINGE ADJUSTABLE MT4

CERNIERA INTERMEDIA
ROTONDA REGOLABILE MT4



CODE ORDERING | Codice ordinazione

0009REG / diam.



Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	M +0.2/0	Q ±0.2	Z
110	32	32.5	46	15	12	12	50	37	1	6.25	7	M5
290	40	38	59	20	16	16	63	46	1.5	6.25	8	M5
330	50	46.5	69	20	16	16	75	56	1.6	8.25	8	M6
650	63	56.5	84	25	20	20	90	69	1.6	8.25	12	M6
830	80	72	102	25	20	20	110	87	1.6	10.25	12	M8
1560	100	89	125	30	25	25	132	107	2	10.25	15	M8
2450	125	110	155	32	25	25	160	133.5	2	12.25	15	M10
4150	160	140	190	40	32	32	200	171	2.5	16.25	18	M12
7300	200	175	240	40	32	32	250	211	2.5	16.25	18	M12

ISO 15552 NORM
NORMA ISO 15552

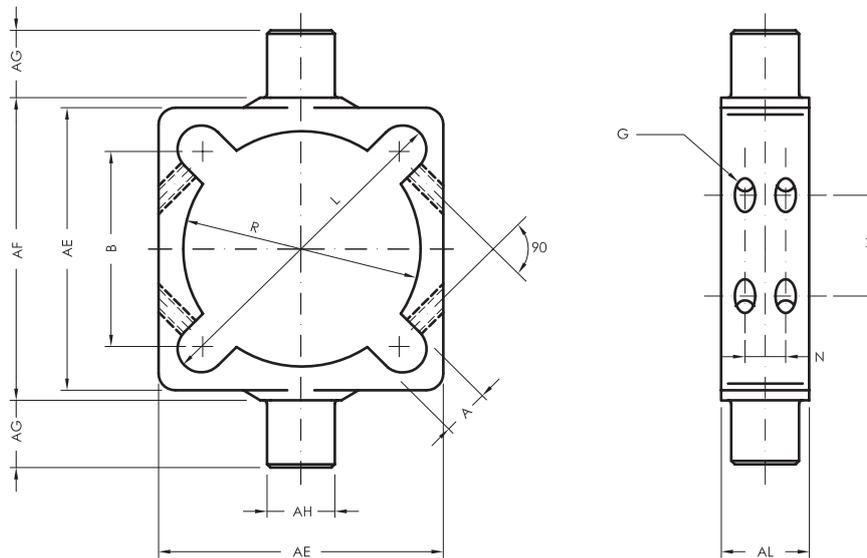
INTERMEDIATE SHAPED HINGE

CERNIERA INTERMEDIA SAGOMATA



CODE ORDERING | Codice ordinazione

0001 / diam.



Weight peso (g)	D.cil.	B ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	R +0.2/0	L +0.3	G	A +0.2/0	M ±0.3	N ±0.3
130	32	33	48.5	18	12	12	50	37	58	M5	11.3	13.5	7
238	40	39.7	59	20	16	16	63	46	67.5	M6	11.3	19	8
318	50	48.4	71	20	16	16	75	56	82.5	M6	14	24.5	8
608	63	58.7	84	26	20	20	90	69	97	M6	14	28	12
928	80	73.5	105	26	20	20	110	87	120	M6	16	36.5	12
1562	100	91.6	129	32	25	25	132	107	146.5	M8	17	42.5	15
2200	125	116.7	154	33	25	25	160	133.5	183	M8	18	59.5	15
3650	160	146	190	40	32	32	200	171	232.5	M10	26.5	100.5	20
5940	200	186	240	40	32	32	250	213	291	M10	28	110.5	22

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

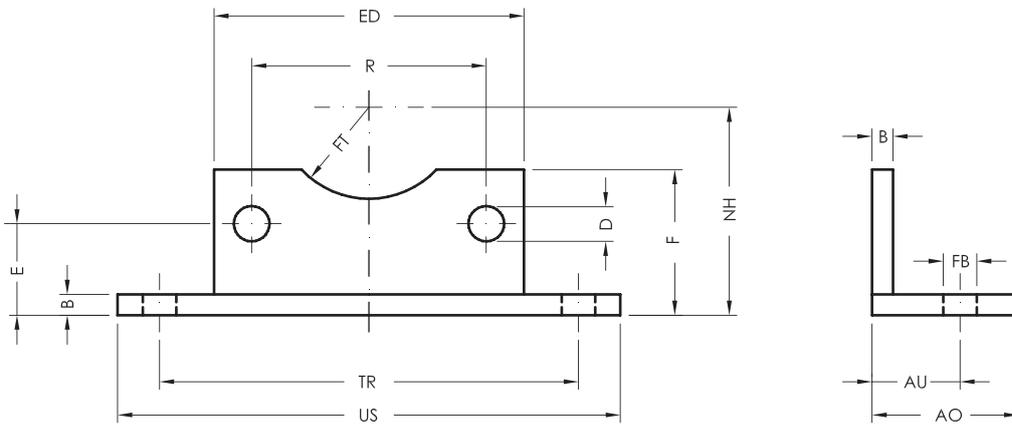
LARGE LOW-RISE PEDESTAL

PIEDINO BASSO LARGO



CODE ORDERING | Codice ordinazione

0027 / diam.



Weight peso (g)	D.cil.	US 0/-0.2	ED ±0.2	F +1/0	A0 +1/0	B ±0.3	TR JS14	E ±0.1	D H13	FT H15	NH JS16	R ±0.2	AU ±0.2	FB H14
122	32	79	45	30	30	5	65	15.75	6.5	15	32	32.5	18	6.5
146	40	90	55	30	30	5	75	17	6.5	17.5	36	38	18	6.5
218	50	110	65	35	35	5	90	21.75	8.5	20	45	46.5	21	8.5
238	63	120	75	35	35	5	100	21.75	8.5	22.5	50	56.5	21	8.5
488	80	153	95	45	45	6	128	26.5	10.5	22.5	63	72	27	10.5
580	100	178	115	45	45	6	148	27	10.5	27.5	71	89	27	10.5

ISO 15552 NORM
NORMA ISO 15552

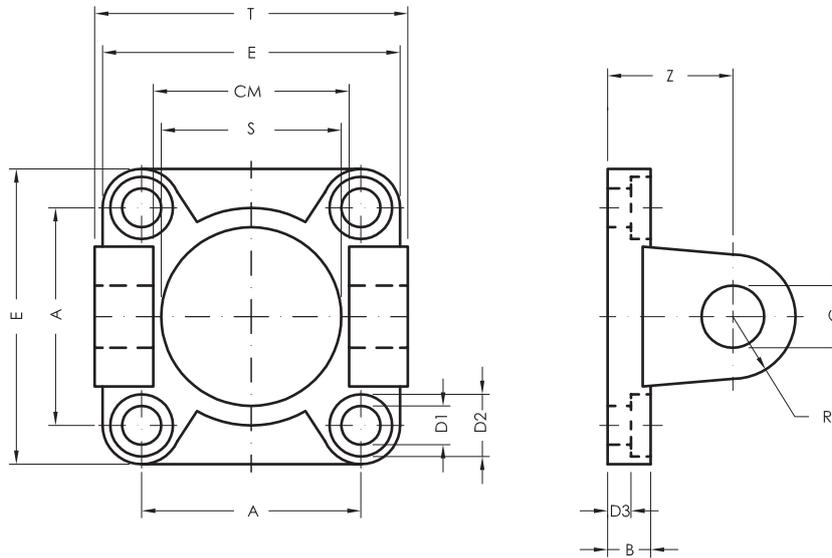
FRONT FEMAL HINGE MP7

CERNIERA FEMMINA
ANTERIORE MP7



CODE ORDERING | Codice ordinazione

0002 / diam.



Weight peso (g)	D.cil.	A ±0.2	E	D1 H 13	D2 H 13	D3 ±0.5	B	S H 11	Z ±0.2	G H 9	R max	CM H 14	T h 14
125	32	32.5	45	6.5	10.5	8	10	30	22	10	10	32	50
214	40	38	55	6.5	10.5	8	10	35	25	12	12	37	58
298	50	46.5	65	8.5	13.5	8	10	40	27	12	12	42	70
518	63	56.5	75	8.5	13.5	10	12	45	32	16	16	47	75

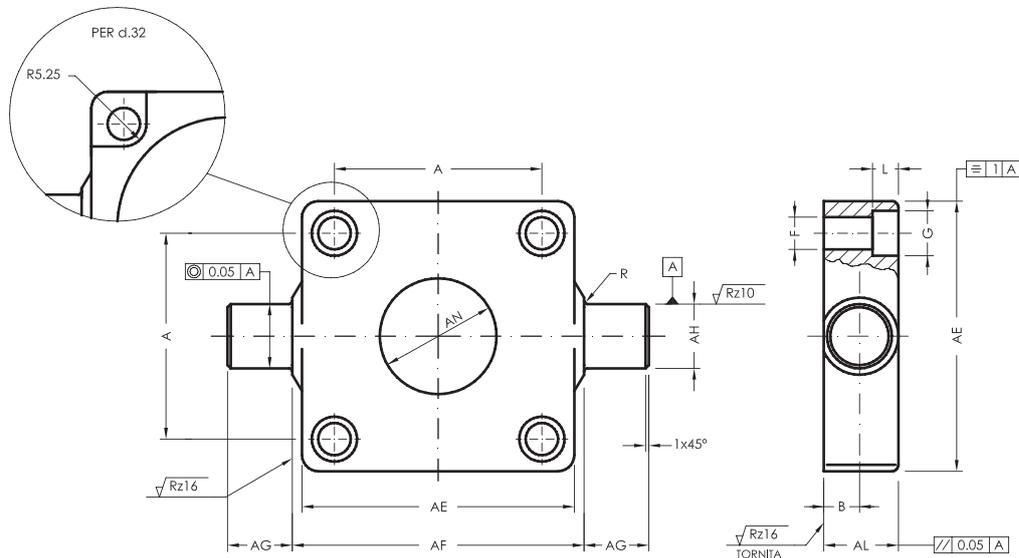
INTERMEDIATE SPOT FACED HINGE

CERNIERA INTERMEDIA
LAMATA



CODE ORDERING | Codice ordinazione

0076 / diam.



Weight peso (g)	D.cil.	AE max	AL max	AH e 9	AG h 14	AF h 14	AN H 11	A ±0.2	B +0.2/0	F H 13	G H 13	L +0.5/0	R 0/-0.3
137	32	46	14	12	12	50	30	32.5	6.5	6.5	-	6	1
385	40	59	19	16	16	63	35	38	9	6.5	10.5	6	1.6
513	50	69	19	16	16	75	40	46.5	9	8.5	13.5	8	1.6
1041	63	84	24	20	20	90	45	56.5	11.5	8.5	13.5	8	1.6
1567	80	102	24	20	20	110	45	72	11.5	10.5	16.5	10	1.6
3000	100	125	29	25	25	132	55	89	14	10.5	16.5	10	2

ISO 15552 NORM
NORMA ISO 15552

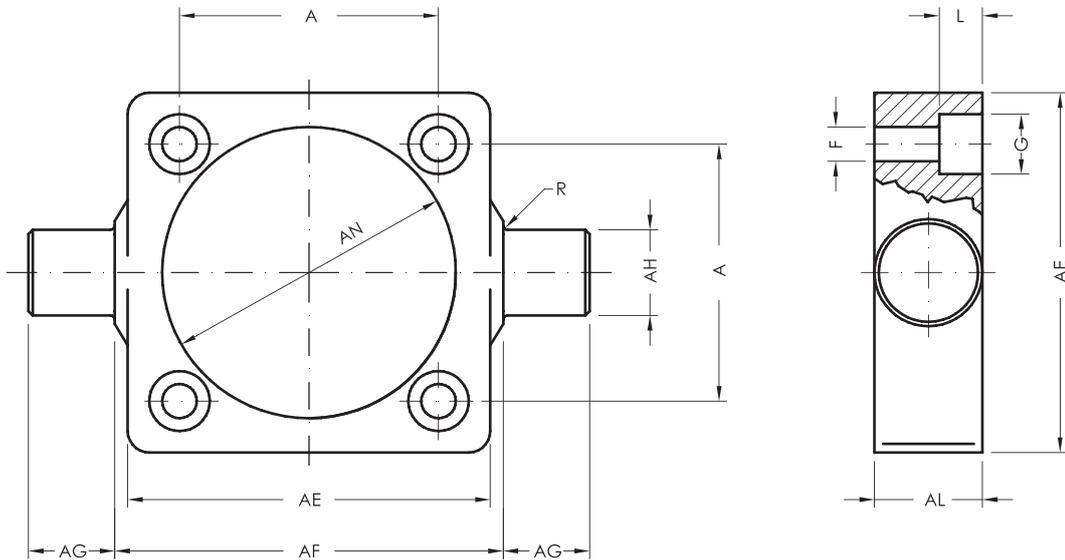
INTERMEDIATE SPOT FACED HINGE

CERNIERA INTERMEDIA
LAMATA



CODE ORDERING | Codice ordinazione

0076 / diam.



Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	F H 13	G H 13	L +0.5/0
2400	125	110	155	32	25	25	160	133	2	13.5	20	12
4150	160	140	190	40	32	32	200	171	2.5	17	25	16
7350	200	175	240	40	32	32	250	211	2.5	17	25	16

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552
STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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ARTICOLAZIONE A SQUADRA CETOP RP107P
COD. IN05 58



PIN FOR FEMALE HINGE MP2
PERNO PER CERNIERA FEMMINA MP2
COD. IN07 59



FLANGE VDMA MF1/MF2
FLANGIA VDMA MF1/MF2
COD. IN08BIS 60



LOW-RISE PEDESTAL MS1
PIEDINO BASSO MS1
COD. IN06 61



INTERMEDIATE HINGE MT4
CERNIERA INTERMEDIA ROTONDA FILETTATA MT4
COD. IN09 62



INTERMEDIATE HINGE ADJUSTABLE MT4
CERNIERA INTERMEDIA ROTONDA REGOLABILE MT4
COD. IN09REG 63



PIN ANTI-ROTATION FOR NARROW FEMALE HINGE
PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA
COD. IN12 64



NARROW FEMALE HINGE FOR SQUARE JOINT
WITH ARTICULATED HEAD DIN648K
CERNIERA FEMMINA STRETTA PER ARTICOLAZIONE
CON TESTINA SNODATA DIN648K
COD. IN13 65



NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K
CERNIERA MASCHIO STRETTA CON TESTINA SNODATA DIN648K
COD. IN18 66



SQUARE JOINT WITH ARTICULATED HEAD DIN648K
ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K
COD. IN11 67

ISO 15552
Stainless
Steel

ISO 15552 NORM
NORMA ISO 15552

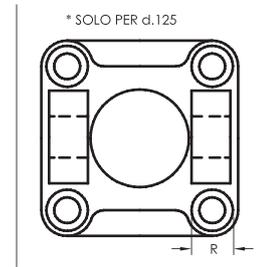
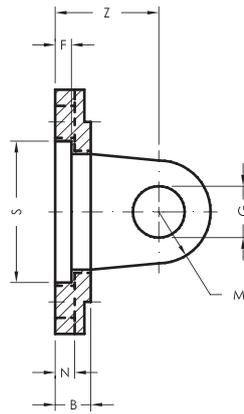
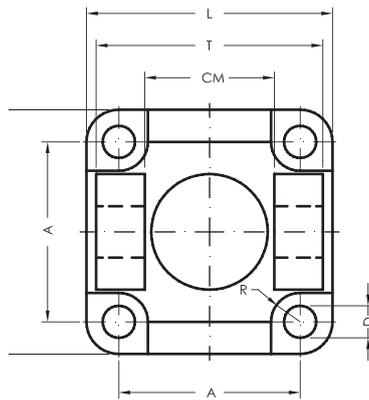
FEMALE HINGE MP2

CERNIERA FEMMINA MP2



CODE ORDERING | Codice ordinazione

IN17 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	B	S H 11	F	Z ±0.2	G H 9	M max	CM H 14	T h 14
138	32	32.5	45	6.6	5.5	5.5	10	30	5	22	10	10	26	45
230	40	38	55	6.6	5.5	5.5	10	35	5	25	12	12	28	52
338	50	46.5	65	9	7.5	6.5	10	40	5	27	12	12	32	60
540	63	56.5	75	9	7.5	6.5	12	45	5	32	16	16	40	70
1000	80	72	95	11	9	10	14	45	-	36	16	16	50	90
1700	100	89	115	11	9	10	16	55	-	41	20	20	60	110
3350	125	110	140	13.5	20	10	20	60	-	50	25	25	70	130

ISO 15552 NORM
NORMA ISO 15552

MALE HINGE MP4

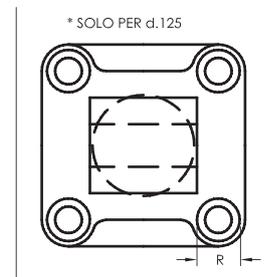
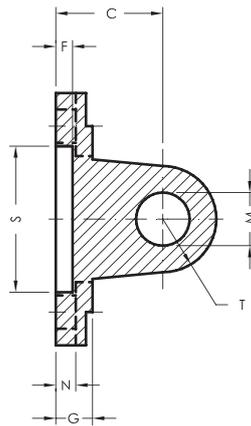
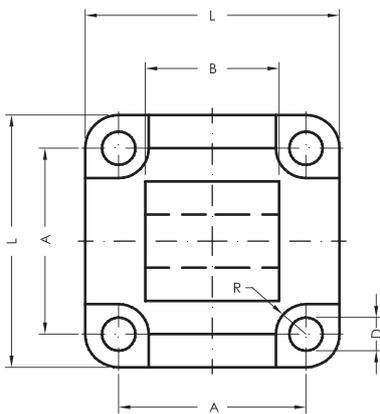
CERNIERA MASCHIO MP4

ISO 15552
Stainless
Steel



CODE ORDERING | Codice ordinazione

IN19 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	R H 13	N ±0.5	G	S H 11	F	C ±0.2	M H 9	T max	B
176	32	32.5	45	6.6	5.5	5.5	10	30	5	22	10	10	26
274	40	38	55	6.6	5.5	5.5	10	35	5	25	12	12	28
368	50	46.5	65	9	7.5	6.5	10	40	5	27	12	12	32
682	63	56.5	75	9	7.5	6.5	12	45	5	32	16	16	40
1196	80	72	95	11	9	10	14	45	5	36	16	16	50
2100	100	89	115	11	9	10	16	55	5	41	20	20	60
3740	125	110	140	13.5	20	10	20	60	7	50	25	25	70

-0.2
-0.6

-0.5
-1.2

ISO 15552 NORM
NORMA ISO 15552

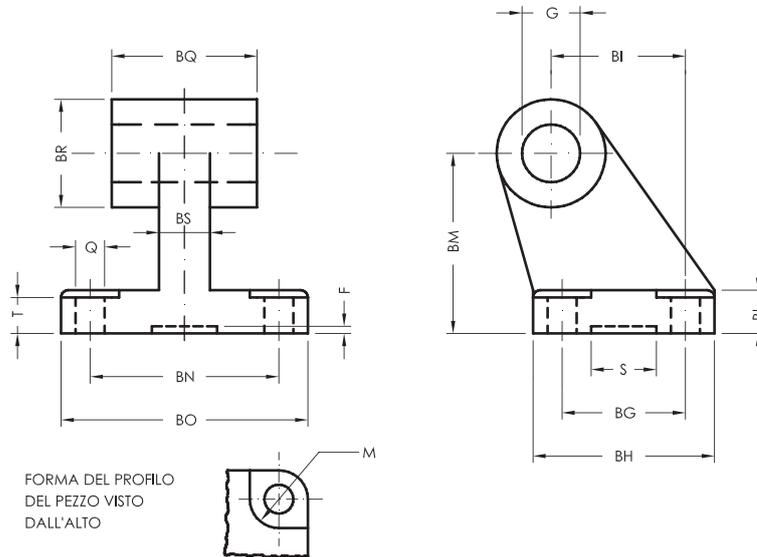
SQUARE JOINT CETOP RP107P

ARTICOLAZIONE
A SQUADRA CETOP RP107P



CODE ORDERING | Codice ordinazione

IN05 / diam.



Weight peso (g)	D.cil.	Q H 13	M H 13	BG JS 14	BH max	BI JS 15	BL	BM JS 15	BN JS 14	BO max	BS max	BR max	BQ -0.2/-0.6	G H 9	T +0.5/0	S +0.2/0	F
158	32	6.6	11	18	31	21	8	32	38	51	10	20	26	10	6.5	20	3
238	40	6.6	11	22	35	24	10	36	41	54	10	22	28	12	8.5	20	3
418	50	9	15	30	45	33	12	45	50	65	14	26	32	12	10.5	20	3
526	63	9	15	35	50	37	12	50	52	67	14	30	40	16	10.5	20	3
1055	80	11	18	40	60	47	14	63	66	86	18	30	50	16	11.5	20	3
1510	100	11	18	50	70	55	15	71	76	96	20	36	60	20	12.5	20	3
3150	125	14	20	60	90	70	20	90	94	124	30	45	70 ^{-0.5/-1.2}	25	17	20	3

ISO 15552 NORM
NORMA ISO 15552

PIN FOR FEMALE HINGE MP2

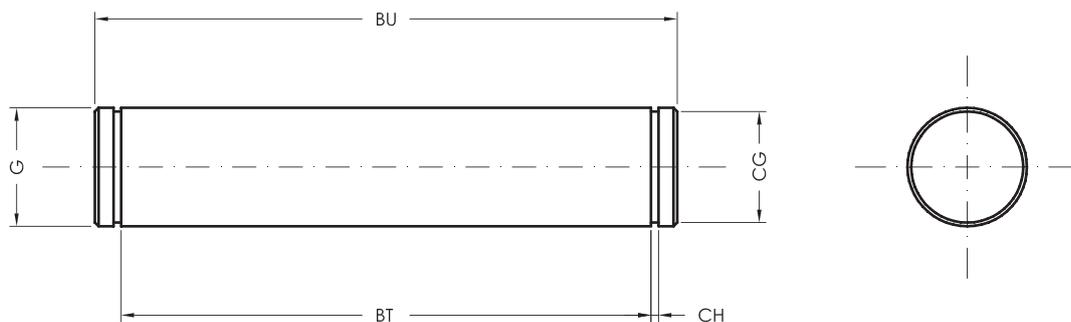
PERNO PER CERNIERA
FEMMINA MP2

ISO 15552
Stainless
Steel



CODE ORDERING | Codice ordinazione

IN07 / diam.



Weight peso (g)	D.cil.	G e 8	BT +0.3/0	CG	CH H 13	BU
32	32	10	46	9.6	1.1	53
52	40	12	53	11.5	1.1	60
60	50	12	61	11.5	1.1	68
122	63	16	71	15.2	1.1	78
152	80	16	91	15.2	1.1	98
290	100	20	111	19	1.3	118
530	125	25	132	23.9	1.3	139

ISO 15552 NORM
NORMA ISO 15552

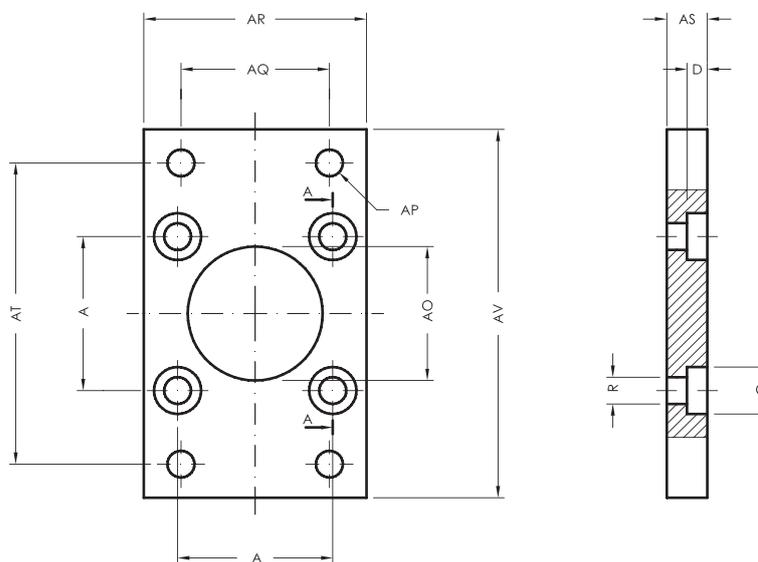
FLANGE VDMA MF1/MF2

FLANGIA VDMA MF1/MF2



CODE ORDERING | Codice ordinazione

INO8BIS / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	A0 H 11	R H 13	AS ±0.2	AR	AQ JS 14	AT JS 14	AV	C H 13	D +0.5/0
192	32	32.5	7	30	6.6	10	45	32	64	80	10.5	5
250	40	38	9	35	6.6	10	52	36	72	90	11	5
482	50	46.5	9	40	9	12	65	45	90	110	15	5.5
626	63	56.5	9	45	9	12	75	50	100	120	15	5.5
1436	80	72	12	45	11	15	95	63	126	150	18	8
1994	100	89	14	55	11	15	115	75	150	170	18	8

ISO 15552 NORM
NORMA ISO 15552

LOW-RISE PEDESTAL MS1

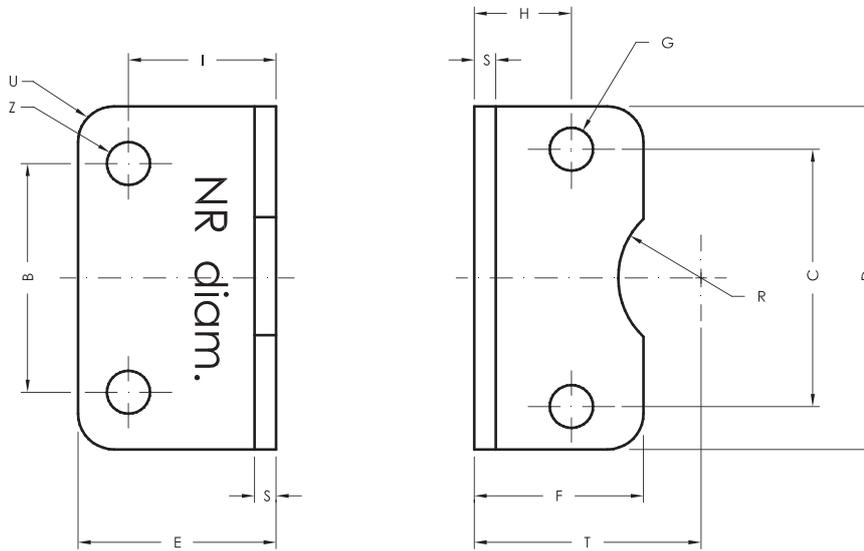
PIEDINO BASSO MS1

ISO 15552
Stainless
Steel



CODE ORDERING | Codice ordinazione

IN06 / diam.



RAGGIO DI CURVATURA
INTERNA DEL PIEDINO

- d.32 = 4 + 0.5
- d.40 = 4 + 0.5
- d.50 = 5 + 0.5
- d.63 = 5 + 0.5
- d.80 = 7 + 0.5
- d.100 = 7 + 0.5

Weight peso (g)	D.cil.	C ±0.2	B JS14	D 0/-0.2	E	F +2/0	G H14	H ±0.2	I ±0.2	S ±0.5	T JS15	R H15	U	Z H14
60	32	32.5	32	45	35	30	7	15.75	24	4	32	15	3	7
72	40	38	36	52	36	30	7	17	28	4	36	17.5	3	9
160	50	46.5	45	65	47	36	9	21.75	32	5	45	20	3	9
180	63	56.5	50	75	45	35	9	21.75	32	5	50	22.5	4	9
370	80	72	63	95	55	47	11	27	41	6	63	22.5	4	12
432	100	89	75	115	57	53	11	26.5	41	6	71	27.5	4	14

ISO 15552 NORM
NORMA ISO 15552

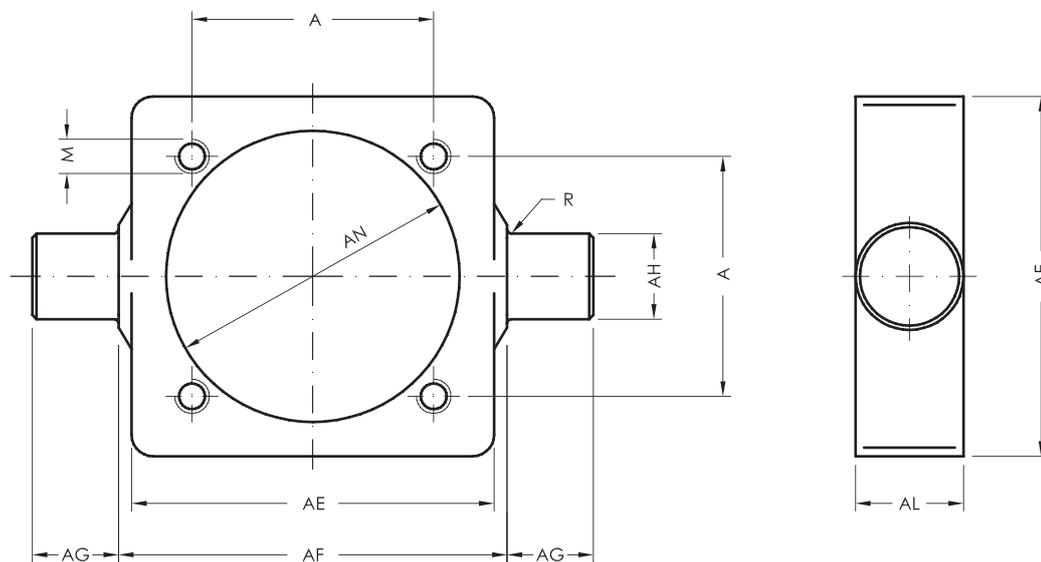
INTERMEDIATE HINGE MT4

CERNIERA INTERMEDIA
ROTONDA FILETTATA MT4



CODE ORDERING | Codice ordinazione

IN09 / diam.



Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	M
128	32	32.5	46	15	12	12	50	37	1	M6
308	40	38	59	20	16	16	63	46	1.5	M6
370	50	46.5	69	20	16	16	75	56	1.6	M8
690	63	56.5	84	25	20	20	90	69	1.6	M8
894	80	72	102	25	20	20	110	87	1.6	M10
1584	100	89	125	30	25	25	132	107	2	M10

ISO 15552 NORM
NORMA ISO 15552



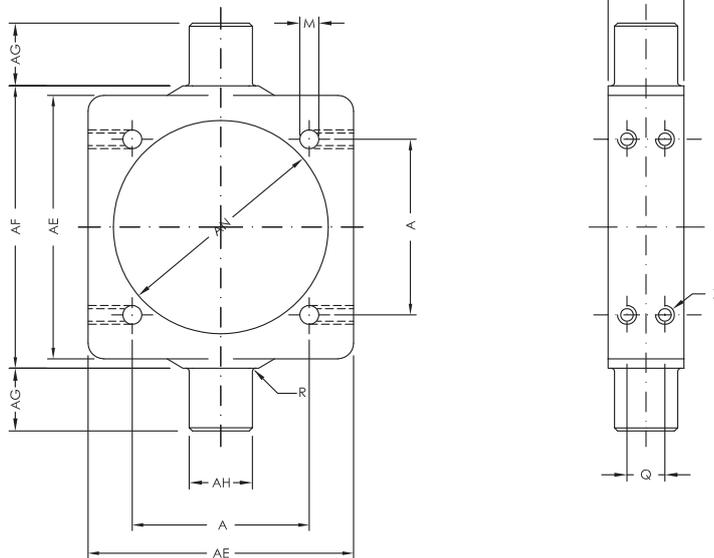
INTERMEDIATE HINGE ADJUSTABLE MT4

CERNIERA INTERMEDIA
ROTONDA REGOLABILE MT4

ISO 15552
Stainless
Steel

CODE ORDERING | Codice ordinazione

IN09REG / diam.



Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	M +0.2/0	Q ±0.2	Z
110	32	32.5	46	15	12	12	50	37	1	6.25	7	M5
290	40	38	59	20	16	16	63	46	1.5	6.25	8	M5
330	50	46.5	69	20	16	16	75	56	1.6	8.25	8	M6
650	63	56.5	84	25	20	20	90	69	1.6	8.25	12	M6
830	80	72	102	25	20	20	110	87	1.6	10.25	12	M8
1560	100	89	125	30	25	25	132	107	2	10.25	15	M8

ISO 15552 NORM
NORMA ISO 15552

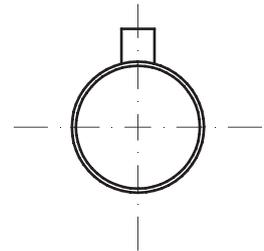
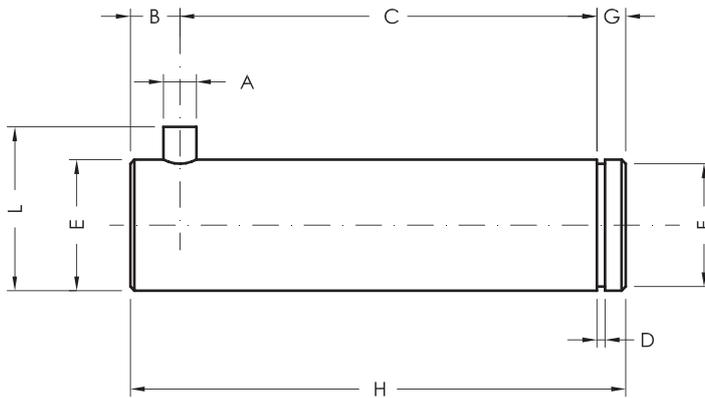
PIN ANTI-ROTATION FOR NARROW FEMALE HINGE

PERNO ANTIROTAZIONE
PER CERNIERA FEMMINA
STRETTA



CODE ORDERING | Codice ordinazione

IN12 / diam.



Weight peso (g)	D.cil.	A H 12	C +0.5/+0.3	D H 13	E f 7	F h 11	G	H	L 0/-0.5	B
26	32	3	32.5	1.1	10	9.6	4	41	14	4.5
42	40	4	38	1.1	12	11.5	4	48	16	6
84	50	4	43	1.1	16	15.2	5	54	20	6
94	63	4	49	1.1	16	15.2	5	60	20	6
184	80	4	63	1.3	20	19	6	75	24	6
208	100	4	73	1.3	20	19	6	85	24	6
606	125	6	94	1.6	30	28.6	7	110	36	9

ISO 15552 NORM
NORMA ISO 15552



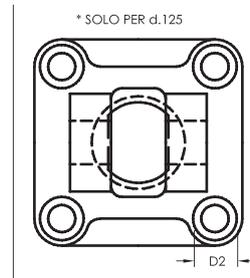
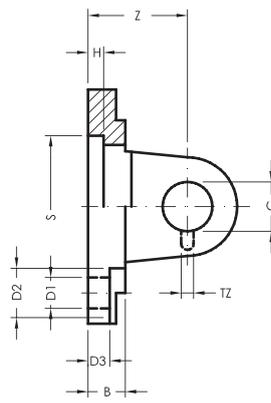
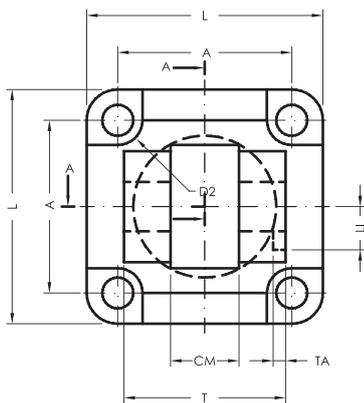
NARROW FEMALE HINGE FOR SQUARE JOINT WITH ARTICULATED HEAD DIN648K

CERNIERA FEMMINA STRETTA
PER ARTICOLAZIONE CON
TESTINA SNODATA DIN648K

CODE ORDERING | Codice ordinazione

IN13 / diam.

ISO 15552
Stainless
Steel



Weight peso (g)	D.cil.	L ±0.5	T h 14	CM H 14	A ±0.2	Z ±0.2	H	B	D3 ±0.5	S H 12	G F 7	D1 H 13	D2 H 13	TA +0.2	TZ +0.2/0	LI +0.3/0
140	32	45	34	14	32.5	22	5	10	5.5	30	10	6.6	5.5	3	3.3	11.5
230	40	55	40	16	38	25	5	10	5.5	35	12	6.6	5.5	4	4.3	12
336	50	65	45	21	46.5	27	5	10	6.5	40	16	9	7.5	4	4.3	14
546	63	75	51	21	56.5	32	5	12	6.5	45	16	9	7.5	4	4.3	14
1190	80	95	65	25	72	36	5	14	10	45	20	11	9	4	4.3	16
1840	100	115	75	25	89	41	5	16	10	55	20	11	9	4	6.3	16
3550	125	140	97	37	110	50	7	20	10	60	30	13.5	20	6	6.3	24

ISO 15552 NORM
NORMA ISO 15552

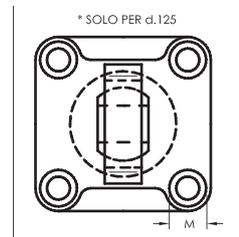
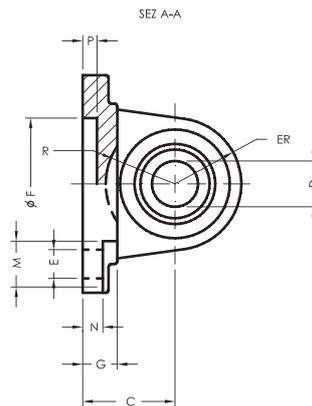
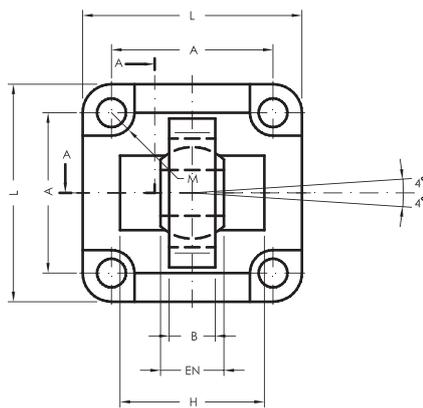


NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO STRETTA
CON TESTINA SNODATA
DIN648K

CODE ORDERING | Codice ordinazione

IN18 / diam.



Weight peso (g)	D.cil.	A ±0.2	B max	C JS 15	D H 7	EN 0/-0.1	ER max	F H 11	G	E H 13	L	M H 13	N	P	H ±0.5	R ±0.5
152	32	32.5	10.5	22	10	14	15	30	10	6.6	45	5.5	5.5	5	-	-
256	40	38	12	25	12	16	18	35	10	6.6	55	5.5	5.5	5	-	-
364	50	46.5	15	27	16	21	20	40	10	9	65	7.5	6.5	5	51	19
595	63	56.5	15	32	16	21	23	45	12	9	75	7.5	6.5	5	-	-
1122	80	72	18	36	20	25	27	45	14	11	95	9	10	5	70	24
1786	100	89	18	41	20	25	30	55	16	11	115	9	10	5	-	-
3500	125	110	25	50	30	37	40	60	20	13.5	140	20	10	7	-	-

ISO 15552 NORM
NORMA ISO 15552



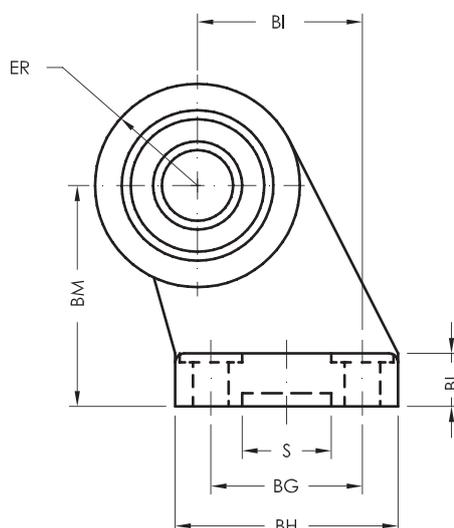
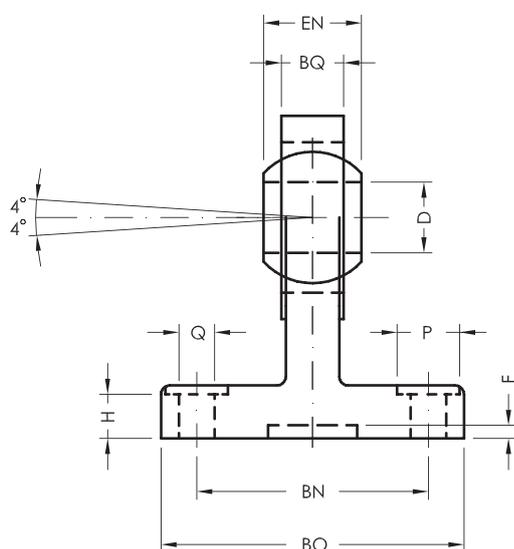
SQUARE JOINT WITH ARTICULATED HEAD DIN648K

ARTICOLAZIONE A SQUADRA
CON TESTINA SNODATA DIN648K

ISO 15552
Stainless
Steel

CODE ORDERING | Codice ordinazione

IN11 / diam.



Weight peso (g)	D.cil.	Q H 13	P H 13	BG JS 14	BH max	BI JS 15	BL	BM JS 15	BN JS 14	BO max	EN 0/-0.1	ER max	BQ max	D H 7	H +0.5/0	S H 13	F
178	32	6.6	11	18	31	21	10	32	38	51	14	15	10.5	10	8.5	20	3
268	40	6.6	11	22	35	24	10	36	41	54	16	18	12	12	8.5	20	3
458	50	9	15	30	45	33	12	45	50	65	21	20	15	16	10.5	20	3
550	63	9	15	35	50	37	12	50	52	67	21	23	15	16	10.5	20	3
970	80	11	18	40	60	47	14	63	66	86	25	27	18	20	11.5	20	3
1326	100	11	18	50	70	55	15	71	76	96	25	30	18	20	12.5	20	3
3000	125	13.5	20	60	90	70	20	90	94	124	37	40	25	30	17	20	3

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX

ISO 6432
STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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COD. 0016 70



FRONT FEMALE HINGE
CERNIERA FEMMINA CON ASOLA
COD. 0016S 71



PEDESTAL
PIEDINO
COD. 0015 72



FLANGE
FLANGIA
COD. 0014 73



INTERMEDIATE HINGE
CERNIERA INTERMEDIA ROTONDA
COD. 0097 74

ISO 6432
Steel

ISO 6432 NORM
NORMA ISO 6432

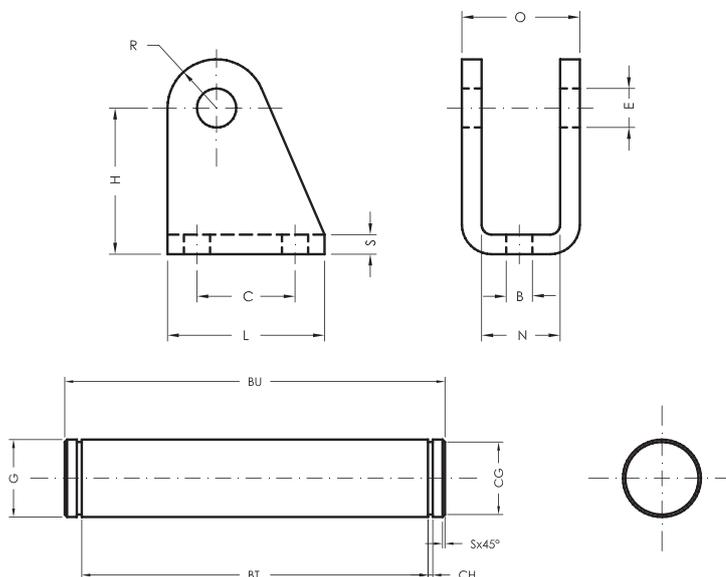
FEMALE HINGE WITH PIN

CERNIERA FEMMINA CON PERNO



CODE ORDERING | Codice ordinazione

0016 / diam.



Weight peso (g)	D.cil.	B H 13	E F 8	C JS 13	H ±0.2	L	N E 9	O	R max	S ±0.2
17	8-10	4.5	4	12.5	24	20	8.1	13	5	2.5
31	12-16	5.5	6	15	27	25	12.1	18	7	3
67	20-25	6.6	8	20	30	32	16.1	24	10	4

Weight peso (g)	D.cil.	G f 7	BT +0.3/0	CG +0.1/0	CH +0.1/0	BU +0.5/0	S
3	8-10	4	14	3.7	0.5	17	0.2
5	12-16	6	19	5.6	0.8	23	0.4
11	20-25	8	25.2	7.5	0.9	29.5	0.5

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Anodising (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)

FRONT FEMALE HINGE

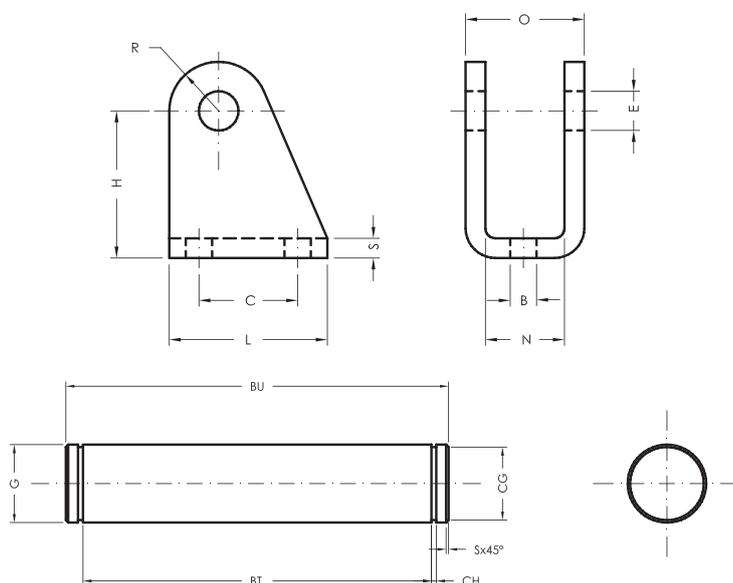
CERNIERA FEMMINA
CON ASOLA



ISO 6432
Steel

CODE ORDERING | Codice ordinazione

0016S / diam.



Weight peso (g)	D.cil.	B H 13	E F 8	C JS 13	H ±0.2	L	N E 9	O	R max	G	S ±0.2
31	12-16	5.5	6	15	27	25	12.1	18	7	5,5	3
67	20-25	6.6	8	20	30	32	16.1	24	10	6,6	4

ISO 6432 NORM
NORMA ISO 6432

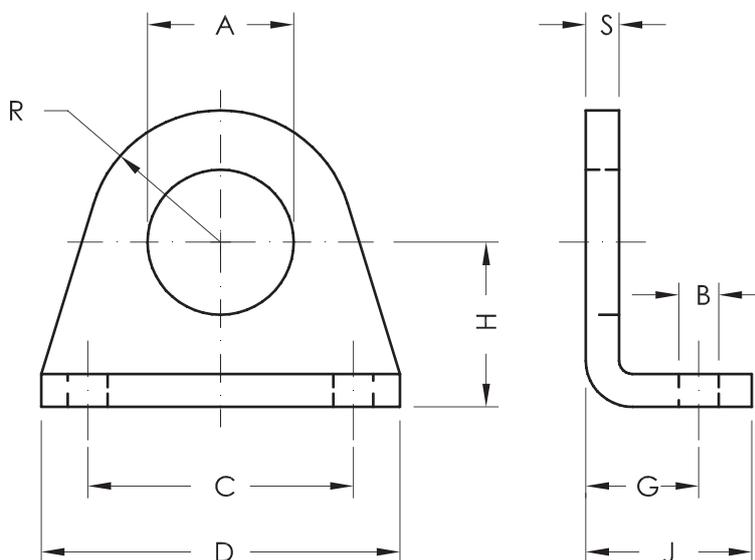
PEDESTAL

PIEDINO



CODE ORDERING | Codice ordinazione

0015 / diam.



Weight peso (g)	D.cil.	A +0.2/+0.1	B H 13	C JS 13	D	G +0.3/0	H ±0.2	J	R max	S ±0.2
20	8-10	12	4.5	25	35	11	16	16	10	3
40	12-16	16	5.5	32	42	14	20	20	12.5	4
90	20-25	22	6.6	40	54	17	25	25	20	5

FLANGE

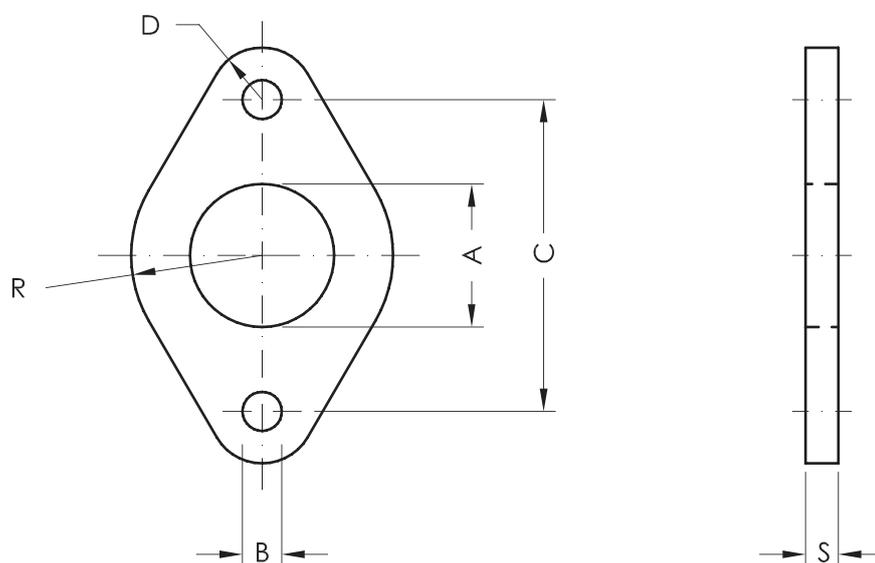
FLANGIA

ISO 6432
Steel



CODE ORDERING | Codice ordinazione

0014 / diam.

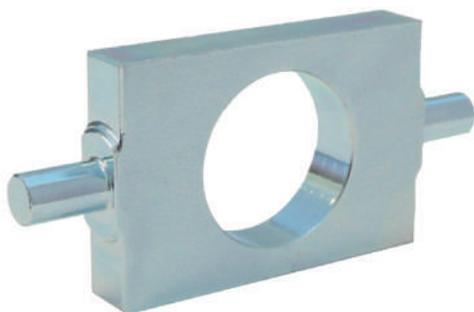


Weight peso (g)	D.cil.	A +0.3/+0.1	B H 13	C JS 13	R ±0.2	D ±0.2	S ±0.2
12	8-10	12	4.5	30	11	5	3
26	12-16	16	5.5	40	15	6	4
50	20-25	22	6.6	50	20	8	5

ISO 6432 NORM
NORMA ISO 6432

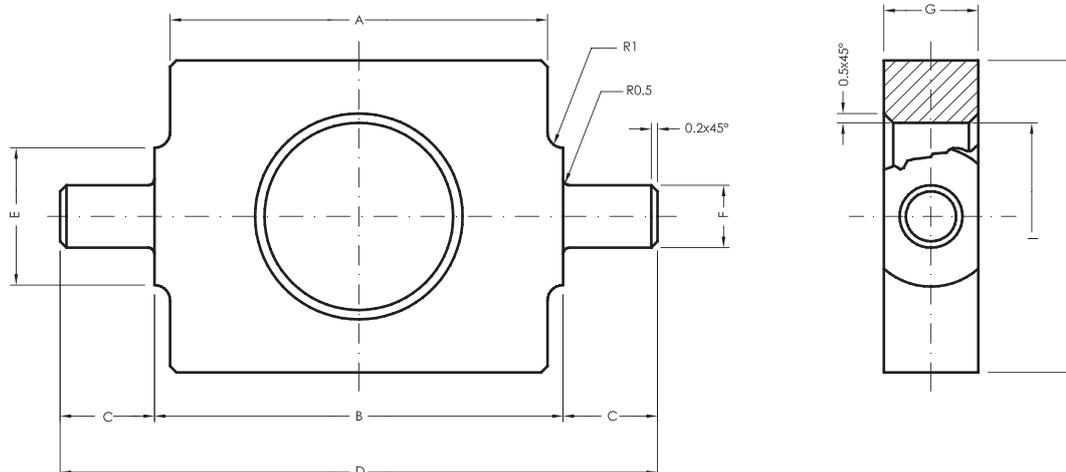
INTERMEDIATE HINGE

CERNIERA INTERMEDIA
ROTONDA



CODE ORDERING | Codice ordinazione

0097 / diam.



Weight peso (g)	D.cil.	A	B 0/-0.2	C	D	E	F e 9	G	H	I +0.15/+0.05
18	8-10	24	26	6	38	9	4	6	20	12
35	12-16	36	38	10	58	13	6	8	25	16
45	20-25	44	46	10	66	13	6	8	30	22

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO

ISO 6432

STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



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CETOP ALUMINIUM | ALLUMINIO



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ISO 6432
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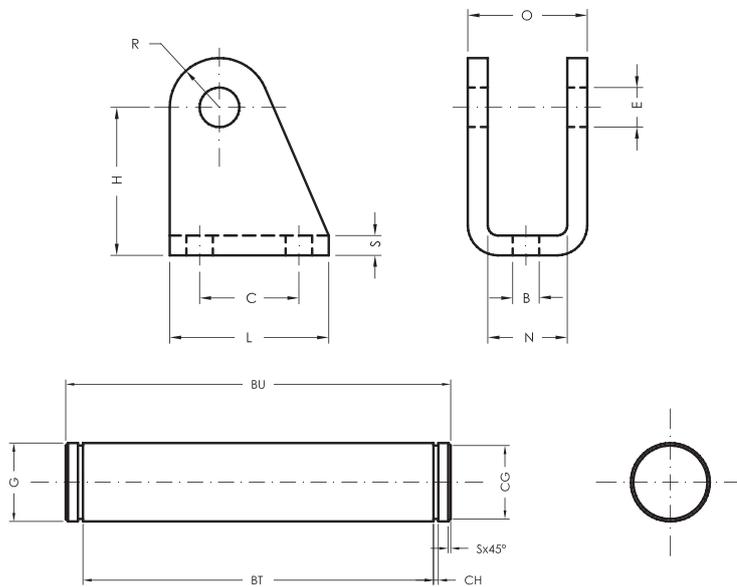
FEMALE HINGE WITH PIN

CERNIERA FEMMINA
CON PERNO



CODE ORDERING | Codice ordinazione

IN16 / diam.



Weight peso (g)	D.cil.	B H 13	E F 8	C JS 13	H ±0.2	L	N E 9	O	R max	S ±0.2
17	8-10	4.5	4	12.5	24	20	8.1	13	5	2.5
31	12-16	5.5	6	15	27	25	12.1	18	7	3
67	20-25	6.6	8	20	30	32	16.1	24	10	4

Weight peso (g)	D.cil.	G f 7	BT +0.3/0	CG +0.1/0	CH +0.1/0	BU +0.5/0	S
3	8-10	4	14	3.7	0.5	17	0.2
5	12-16	6	19	5.6	0.8	23	0.4
11	20-25	8	25.2	7.5	0.9	29.5	0.5

ISO 6432 NORM
NORMA ISO 6432

FRONT FEMALE HINGE

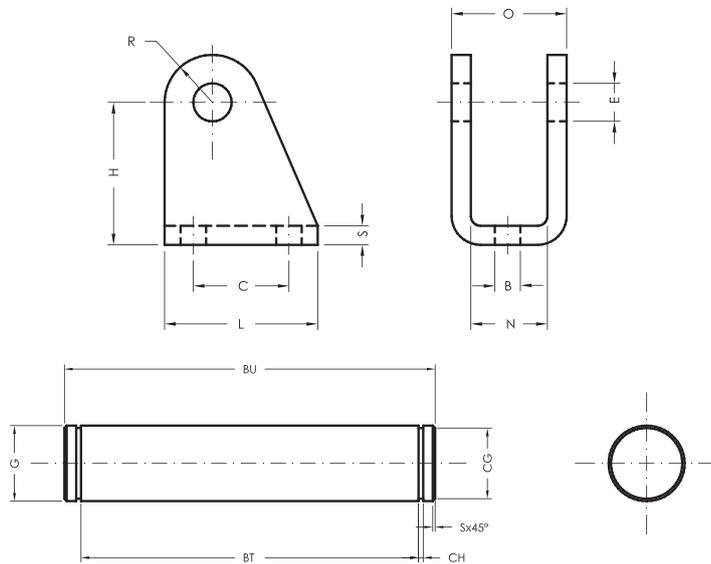
CERNIERA FEMMINA
CON ASOLA



CODE ORDERING | Codice ordinazione

IN16S / diam.

ISO 6432
Stainless
Steel



Weight peso (g)	D.cil.	B H 13	E F 8	C JS 13	H ±0.2	L	N E 9	O	R max	G	S ±0.2
31	12-16	5.5	6	15	27	25	12.1	18	7	5,5	3
67	20-25	6.6	8	20	30	32	16.1	24	10	6,6	4

ISO 6432 NORM
NORMA ISO 6432

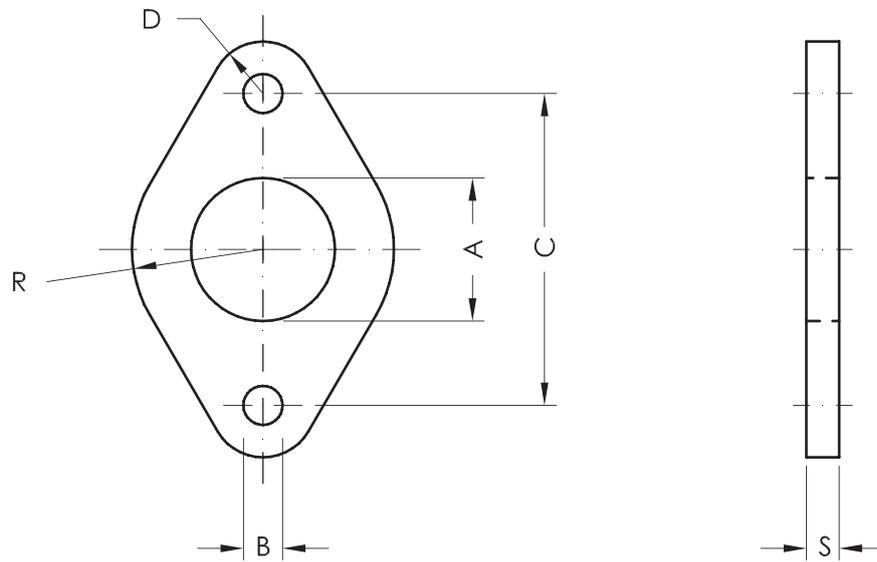
FLANGE

FLANGIA



CODE ORDERING | Codice ordinazione

IN14 / diam.



Weight peso (g)	D.cil.	A +0.3/+0.1	B H 13	C JS 13	R ±0.2	D ±0.2	S ±0.2
12	8-10	12	4.5	30	11	5	3
26	12-16	16	5.5	40	15	6	4
50	20-25	22	6.6	50	20	8	5

ISO 6432 NORM
NORMA ISO 6432

PEDESTAL

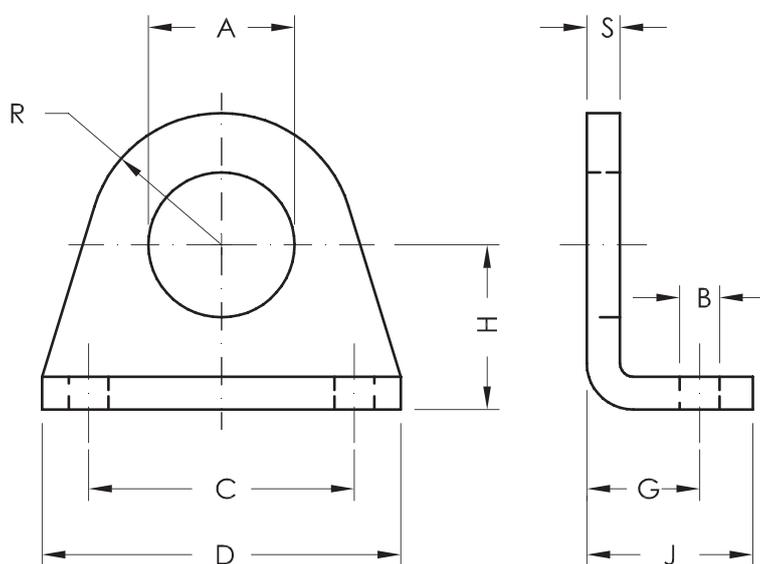
PIEDINO



CODE ORDERING | Codice ordinazione

IN15 / diam.

ISO 6432
Stainless
Steel



Weight peso (g)	D.cil.	A +0.2/+0.1	B H 13	C JS 13	D	G +0.3/0	H ±0.2	J	R max	S ±0.2
20	8-10	12	4.5	25	35	11	16	16	10	3
40	12-16	16	5.5	32	42	14	20	20	12.5	4
90	20-25	22	6.6	40	54	17	25	25	20	5
126	32*	30.1	6.6	48	65	15	32	29	24	5

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287
ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



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CETOP ALUMINIUM | ALLUMINIO



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ISO 21287
Aluminium

MALE HINGE

CERNIERA MASCHIO



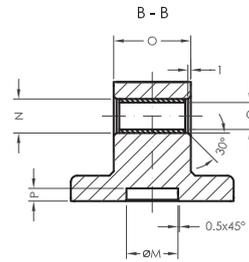
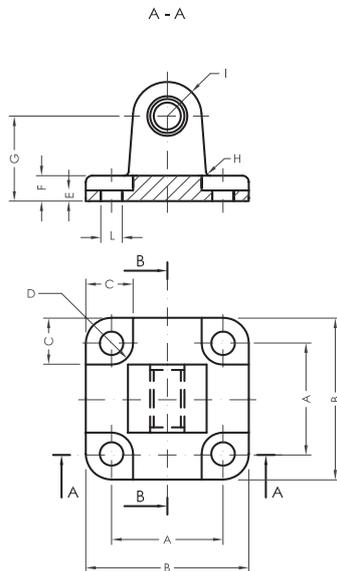
ORDERING CODE | Codice ordinazione

WITH BUSHES | con bussole

0077 / diam.

WITHOUT BUSHES | senza bussole

0061 / diam.



BUSSOLE DA USARE

* EST.	INT.	LUNG.	N° x PZ	
d.12-16	8	6	10	1
d.20	10	8	12	1
d.25	10	8	12	1

Weight peso (g)	D.cil.	A ±0.2	B ±0.5	C	D	E ±0.5	F 0/-0.4	G ±0.2	H	I	L H 13	M H 11	N H 7	O h 14	P +0.3/0	Q
17	12-16	18	27	8,25	3,75	2.6	6	16	2	6	4.5	10	8	12	3	6
21	20	22	34	11	5	2.6	6	20	2	8	5.5	12	10	16	3	8
27	25	26	38	11	5	2.6	6	20	2	8	5.5	12	10	16	3	8

Available with or without bushes

Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussole

Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)

Standard finish: Rough - Grey (the finished part is tapped)

Possible coatings: Black cataphoresis, Anodising (go to pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)

Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)

Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)

FEMALE HINGE

CERNIERA FEMMINA



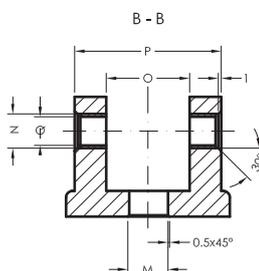
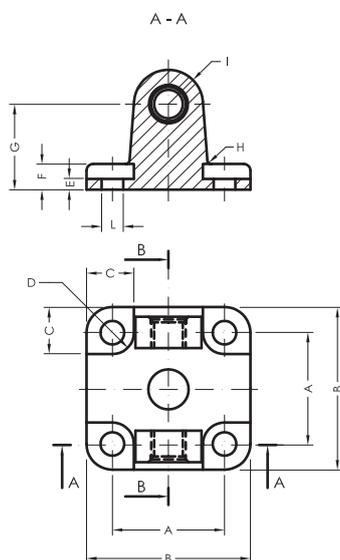
ORDERING CODE | Codice ordinazione

WITH BUSHES | con bussole

0077 / diam.

WITHOUT BUSHES | senza bussole

0061 / diam.



BUSSOLE DA USARE

* d.	EST.	INT.	LUNG.	N° x PZ
d.32	12	10	8	2
d.40	14	12	10	2
d.50	14	12	12	2
d.63	18	16	12	2
d.80	18	16	15	2
d.100	23	20	20	2

NOTA : LE BUSSOLE DEVONO ESSERE MONTATE A FILO DELL'INTERNO SPALLA

Weight peso (g)	D.cil.	A ±0.2	B ±0.5	C	D ±0.2	E ±0.5	F 0/-0.4	G ±0.2	H	I	L H 13	M H 11	N H 7	O H 14	P h 14	Q
60	32	32	48	13.5	5.5	5.5	9	22	2.5	10	6.6	14	12	26	45	10
104	40	42	58	13.5	5.5	5.5	9	25	2.5	12.5	6.6	14	14	28	52	12
142	50	50	66	15.5	7.5	6.5	11	27	2.5	12.5	9	18	14	32	60	12
240	63	62	83	18	7.5	6.5	11	32	4	15	9	18	18	40	70	16
420	80	82	102	19	9	10	13	36	4	15	11	23	18	50	90	16
721	100	103	123	19	9	10	15	41	4	20	11	28	23	60	110	20

Available with or without bushes

Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussole

Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)

Standard finish: Rough - Grey (the finished part is tapped)

Possible coatings: Black cataphoresis, Anodising (vedi pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)

Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)

Possibili trattamenti: Cataforesi nera, Anodizzazione (go to pag. 9)

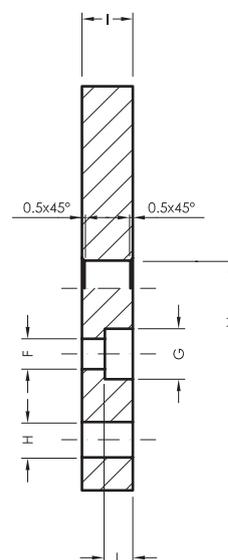
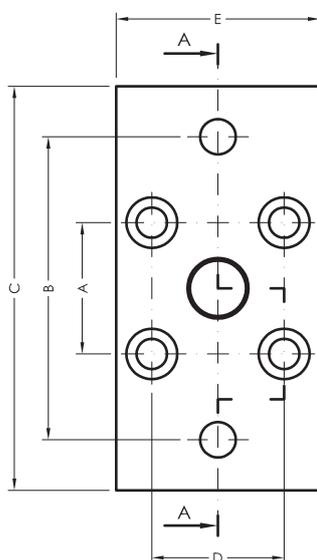
FLANGE

FLANGIA



ORDERING CODE | Codice ordinazione

0070 / diam.



Weight peso (g)	D.cil.	A ±0.2	B ±0.2	C ±0.2	D ±0.2	E ±0.2	F H 13	G H 13	H H 13	I ±0.2	L ±0.2	M H 11
34	12-16	18	43	55	18	29	4.5	9	5.5	10	5.4	10
55	20	22	55	70	22	36	5.5	10	6.6	10	5.4	12
68	25	26	60	76	26	40	5.5	10	6.6	10	5.4	12

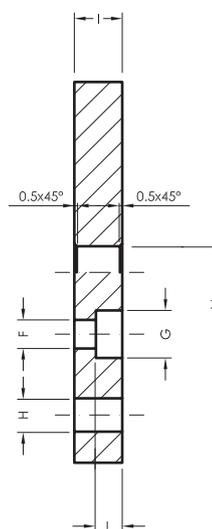
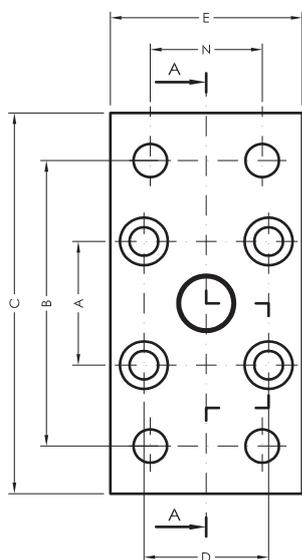
FLANGE

FLANGIA



ORDERING CODE | Codice ordinazione

0070 / diam.



Weight peso (g)	D.cil.	A ±0.2	B ±0.2	C ±0.2	D ±0.2	E ±0.2	F H 13	G H 13	H H 13	I ±0.2	L ±0.2	M H 11	N ±0.2
88	32	32	65	80	32	50	6.6	11	7	10	6.4	14	32
143	40	42	82	102	42	60	6.6	11	9	10	6.4	14	36
204	50	50	90	110	50	68	9	15	9	12	8.6	18	45
411	63	62	110	130	62	87	9	15	9	15	8.6	18	50
616	80	82	135	160	82	107	11	18	12	15	10.6	23	63
890	100	103	163	190	103	128	11	18	14	15	10.6	28	75

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX

ISO 21287
STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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COD. 0059 95



INTERMEDIATE SPOT FACED HINGE
CERNIERA INTERMEDIA LAMATA
COD. 0075 96



INTERMEDIATE HINGE FOR CLEAN PROFILE TYPE EURAL
CERNIERA INTERMEDIA PER PROFILO PULITO TIPO EURAL
COD. 0032 97

ISO 21287
 Steel

MALE HINGE

CERNIERA MASCHIO



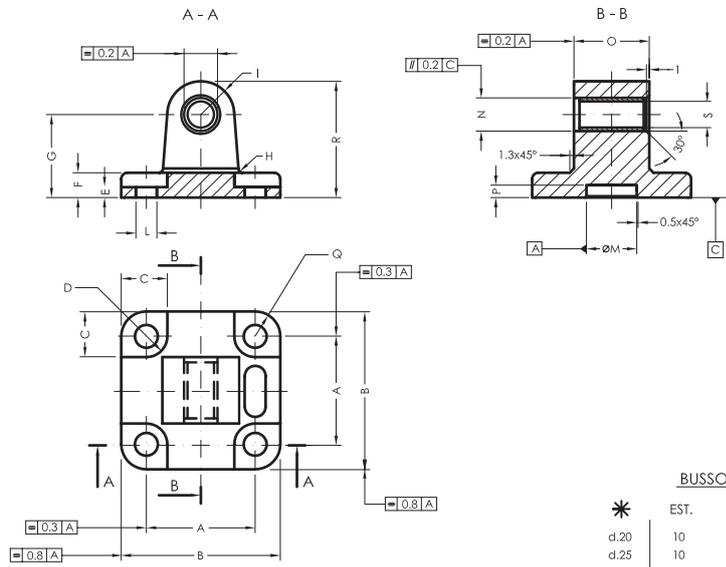
CODE ORDERING | Codice ordinazione

WITH BUSHES | con bussole

0073 / diam.

WITHOUT BUSHES | senza bussole

0072 / diam.



BUSSOLE DA USARE

	EST.	INT.	LUNG.	N° x PZ
* d.20	10	8	12	1
d.25	10	8	12	1

Weight peso (g)	D.cil.	A ±0.2	B ±1	C	D	E ±0.5	F 0/-0.4	G ±0.15	H	I	L H13	M H11	N H7	O h14	P	Q	R	S
64	20	22	34	11	5	2.6	6	20	2	8	5.5	12	10	16	3	6	28	8
80	25	26	38	11	5	2.6	6	20	2	8	5.5	12	10	16	3	6	28	8

Available with or without bushes

Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussole

Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Steel (ASTM A-105)

Standard finish: White galvanising

Possible coatings: Black cataphoresis, Anodising (go to pag. 9)

Materiale: Acciaio (ASTM A-105)

Trattamento standard: Zincatura bianca

Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)



FEMALE HINGE

CERNIERA FEMMINA

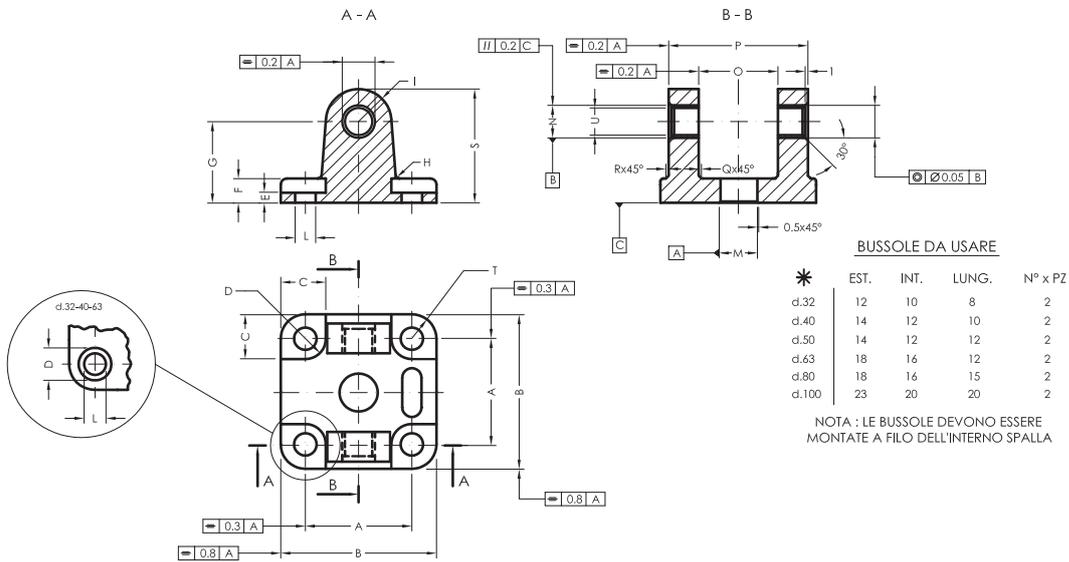
CODE ORDERING | Codice ordinazione

WITH BUSHES | con bussole

0073 / diam.

WITHOUT BUSHES | senza bussole

0072 / diam.



ISO 21287
Steel

Weight peso (g)	D.cil. ±0.2	A ±0.2	B	C	D ±0.5	E 0/-0.4	F ±0.15	G	H	I	L H 13	M H 11	N H 7	O H 14	P h 14	Q	R	S	T	U
178	32	32	48 _{±1}	-	11 _{H13}	5.5	9	22	2.5	10	6.6	14	12	26	45	1.3	1.5	32	8	10
313	40	42	58 _{±11}	-	11 _{H13}	5.5	9	25	2.5	12.5	6.6	14	14	28	52	1.3	1.3	37.5	9	12
431	50	50	66 _{±11}	15.5	7.5	6.5	11	27	2.5	12.5	9	18	14	32	60	1.5	1.5	39.5	8	12
707	63	62	83 _{±11}	-	15 _{H13}	6.5	11	32	4	15	9	18	18	40	70	1.5	1.5	47	10.5	16
1213	80	82	102 _{±12}	19	9	10	13	36	4	15	11	23	18	50	90	1.5	1.5	51	10	16
2200	100	103	123 _{±13}	19	9	10	15	41	4	20	11	28	23	60	110	1.5	1.5	61	9	20

Available with or without bushes

Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussole

Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Steel (ASTM A-105)

Standard finish: White galvanising

Possible coatings: Black cathaphoresis, Anodising (go to pag. 9)

Materiale: Acciaio (ASTM A-105)

Trattamento standard: Zincatura bianca

Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)

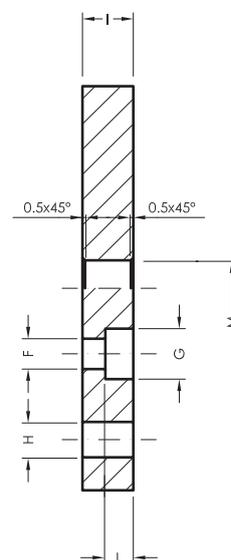
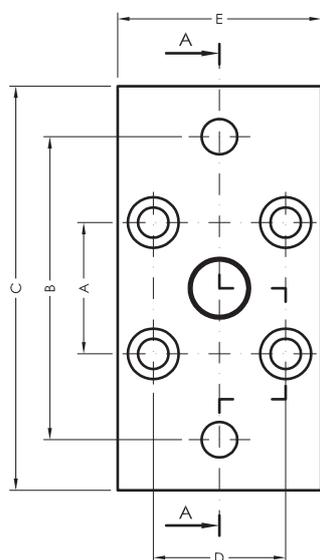
FLANGE

FLANGIA



CODE ORDERING | Codice ordinazione

0060 / diam.



Weight peso (g)	D.cil.	A ±0.2	B ±0.2	C ±0.2	D ±0.2	E ±0.2	F H 13	G H 13	H H 13	I ±0.2	L ±0.2	M H 11
101	12-16	18	43	55	18	29	4.5	9	5.5	10	5.4	10
165	20	22	55	70	22	36	5.5	10	6.6	10	5.4	12
206	25	26	60	76	26	40	5.5	10	6.6	10	5.4	12

ISO 21287 NORM
NORMA ISO 21287

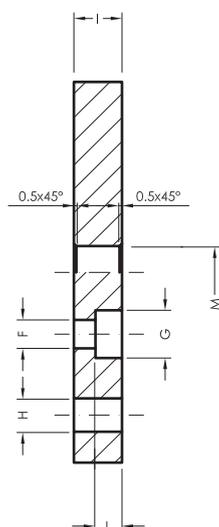
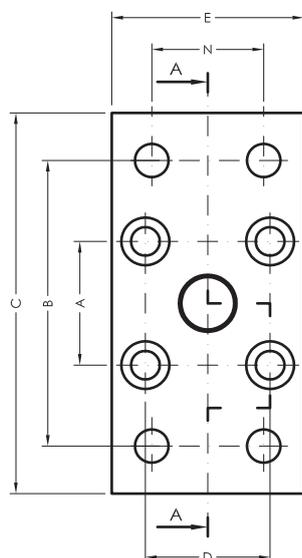
FLANGE

FLANGIA



CODE ORDERING | Codice ordinazione

0060 / diam.



Weight peso (g)	D.cil.	A ±0.2	B ±0.2	C ±0.2	D ±0.2	E ±0.2	F H 13	G H 13	H H 13	I ±0.2	L ±0.2	M H 11	N ±0.2
260	32	32	65	80	32	50	6.6	11	7	10	6.4	14	32
420	40	42	82	102	42	60	6.6	11	9	10	6.4	14	36
600	50	50	90	110	50	68	9	15	9	12	8.6	18	45
1200	63	62	110	130	62	87	9	15	9	15	8.6	18	50
1800	80	82	135	160	82	107	11	18	12	15	10.6	23	63
2550	100	103	163	190	103	128	11	18	14	15	10.6	28	75

ISO 21287
Steel

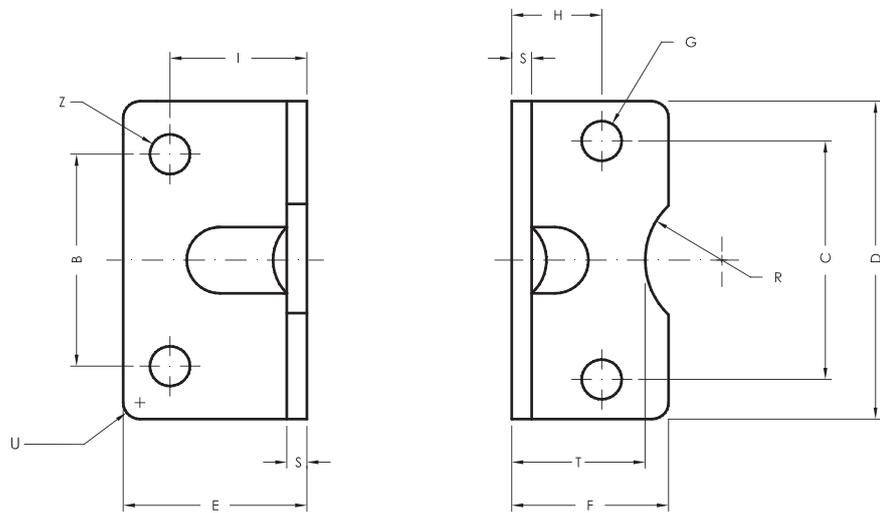


LOW-RISE PEDESTAL

PIEDINO BASSO

CODE ORDERING | Codice ordinazione

0059 / diam.



RAGGIO DI CURVATURA
INTERNA DEL PIEDINO

d.12-16 = 2 ±0.5
d.20 = 3 ±0.5
d.25 = 3 ±0.5
d.32 = 4 ±0.5

Weight peso (g)	D.cil.	C ±0.2	B ±0.2	D 0/-0.3	E ±1	F ±1	G H 13	H ±0.2	I ±0.2	S ±0.5	T ±0.3	R H 15	U	Z H 13
20	12-16	18	18	30	17.5	17.5	4.4	13	13	3	15	9	2	5.5
32	20	22	22	36	22	22	5.4	16	16	4	17	10	2	6.6
38	25	26	26	40	22	23	5.4	17	16	4	19	11	2	6.6
66	32	32	32	50	26	24	6.6	16	18	5	20	12	2	6.6

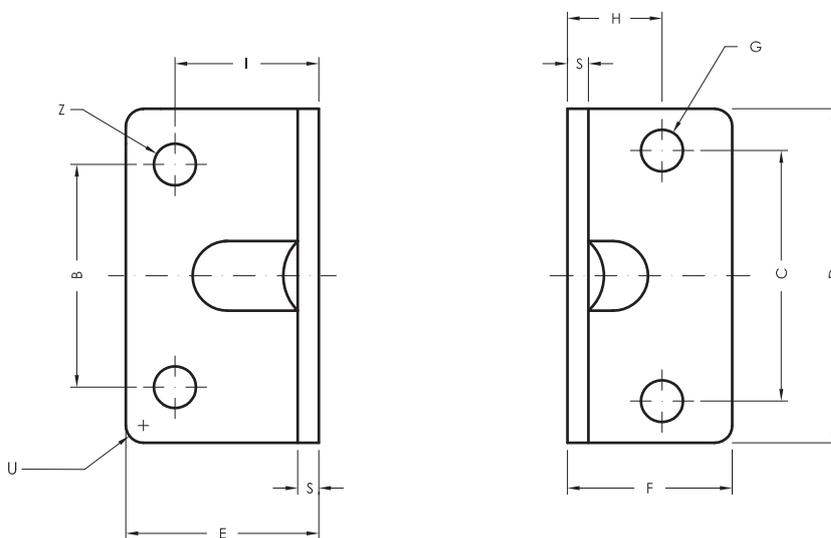
LOW-RISE PEDESTAL

PIEDINO BASSO



CODE ORDERING | Codice ordinazione

0059 / diam.



Weight peso (g)	D.cil.	C ±0.2	B ±0.2	D 0/-0.3	E ±1	F ±1	G H 13	H ±0.2	I ±0.2	S ±0.5	U	Z H 13
100	40	42	42	60	28	29.5	6.6	21.5	20	5	5	9
150	50	50	50	68	32	30	9	22	24	6	5	9
250	63	62	62	84	39	39	9	28.5	27	6	5	11
380	80	82	82	102	42	36.5	11	24.5	30	8	5	11
500	100	103	103	123	45	38.5	11	26.5	33	8	5	13.5

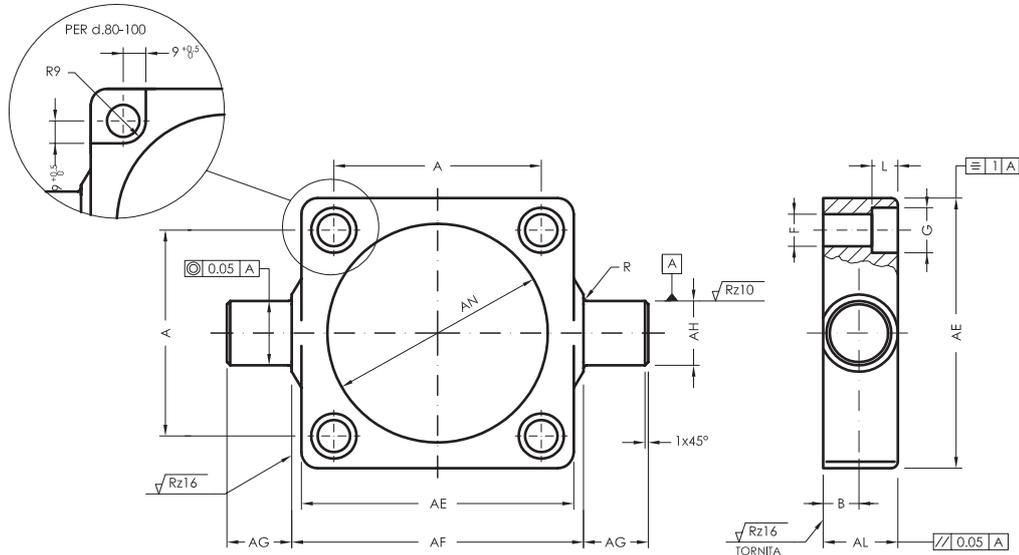
INTERMEDIATE SPOT FACED HINGE

CERNIERA INTERMEDIA
LAMATA



CODE ORDERING | Codice ordinazione

0075 / diam.



Weight peso (g)	D.cil.	AE max	AL max	AH e 9	AG h 14	AF h 14	AN	A	B	F	G	L ±0.2	R 0/-0.3
100	20	35	14	12	12	38	18 _{±0.5}	22 _{±0.1}	6.5 _{0^{+0.3}}	5.5 _{±0.1}	10 _{±0.2}	6	1
114	25	39	14	12	12	42	22 _{0⁺¹}	26 _{±0.1}	6.5 _{0^{+0.3}}	5.5 _{±0.1}	10 _{0^{+0.2}}	6	1
132	32	46	14	12	12	52	32 _{-1^{+0.5}}	32 _{±0.1}	6.5 _{0^{+0.3}}	6.6 _{±0.2}	10.5 _{±0.2}	7	1
278	40	59	19	16	16	63	46 _{-1^{+0.5}}	42 _{±0.1}	9 _{0^{+0.3}}	6.6 _{±0.2}	11 _{±0.2}	7	1.6
362	50	69	19	16	16	75	53 _{-1^{+0.5}}	50 _{±0.2}	9 _{0^{+0.3}}	9 _{±0.2}	14 _{±0.2}	9	1.6
624	63	84	24	20	20	90	69 _{-1^{+0.5}}	62 _{±0.2}	11.5 _{0^{+0.4}}	9 _{±0.2}	15 _{±0.2}	9	1.6
765	80	102	24	20	20	110	87 _{-1^{+0.5}}	82 _{±0.2}	11.5 _{0^{+0.4}}	11 _{±0.2}	-	11	1.6
1464	100	125	29	25	25	132	107 _{-1^{+0.5}}	103 _{±0.2}	14 _{0^{+0.4}}	11 _{±0.2}	-	11	2

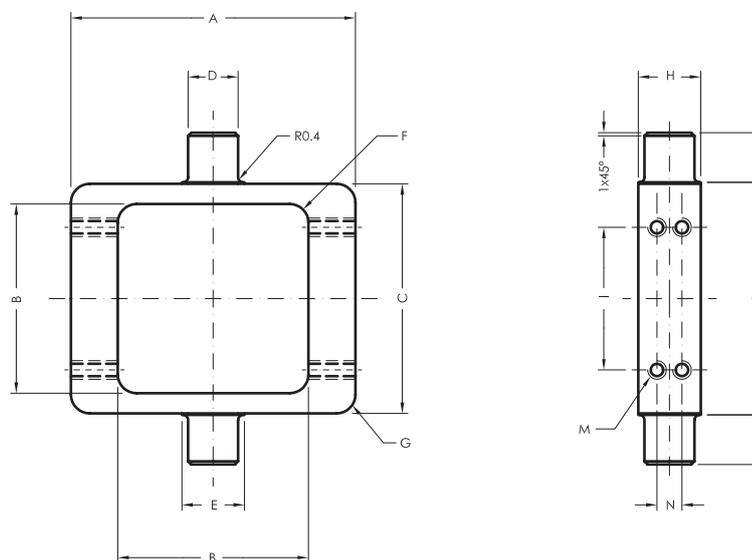
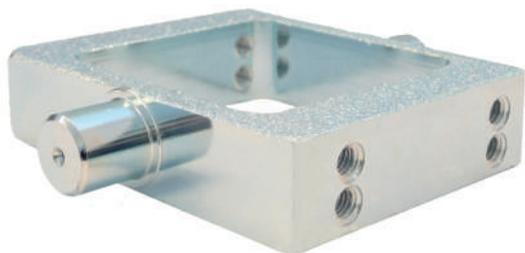
ISO 21287 NORM
NORMA ISO 21287

INTERMEDIATE HINGE FOR CLEAN PROFILE TYPE EURAL

CERNIERA INTERMEDIA
PER PROFILO PULITO
TIPO EURAL

CODE ORDERING | Codice ordinazione

0032 / diam.



ISO 21287
Steel

Weight peso (g)	D.cil.	A +1/0	B +0.5/0	C 0/-0.3	D e 9	E	F	G	H +1/0	I ±0.2	L h 14	M	N ±0.2	O
250	32	70	45	50	12	-	5	4	18	32.5	12	M5	7	50
410	40	78	51	62	16	20	5	5	20	38	16	M5	8	63
530	50	91	60.8	74	16	20	6	6	20	46.5	16	M6	8	75
775	63	94	70.5	88	20	25	6	6	25	56.5	20	M6	12	90
1430	80	130	87.5	109	20	25	7	7	25	72	20	M8	12	110
1950	100	145	107	130	25	30	8	8	30	89	25	M8	15	132
1600	125	154	133	155	25	32	11	8	32	110	25	M10	15	160

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO

NFPA

ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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COD. NF04-NF03T-NF30-NF30T 101

NFPA NORM
NORMA NFPA



FEMALE HINGE MP2

CERNIERA FEMMINA MP2

ORDERING CODE | Codice ordinazione

NOT THREADED AND WITHOUT BUSHES
non filettato e senza bussole

NF03 / diam.

WITH THREADED HOLES WITHOUT BUSHES
con fori filettati senza bussole

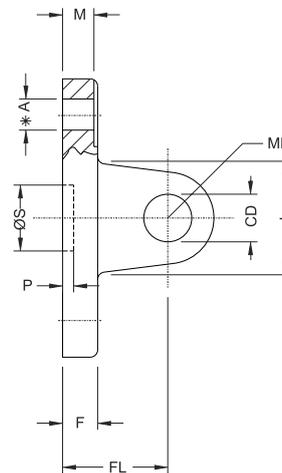
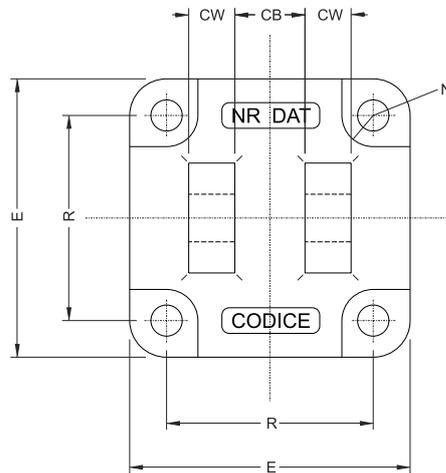
NF03T / diam.

WITH BUSHES
con bussole

NF50 / diam.

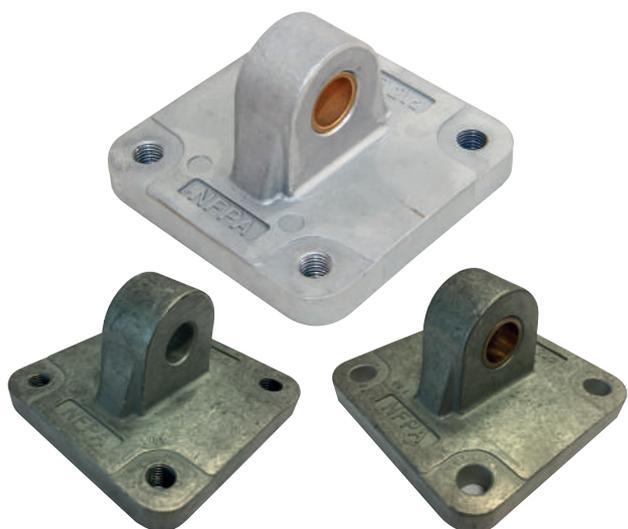
WITH BUSHES AND THREADED HOLES
con bussole e fori filettati

NF50T / diam.



D.cil.	E	R	A	+0,010/0 SMOOTH	CW	CB	F	MR	FL	CD	L	M	N	S	P	
	±0,025	± 0,010	THREAD		0/-0,025	0,020/0	max	max	±0,010	+0,002/0	±0,020	±0,020	+0,020/0	+0,020/0	+0,012/0	
11/2	2,000	1,430	1/4	28	0,280	0,500	0,750	0,395	0,472	1,125	0,500	0,945	0,375	0,236		
2	2,500	1,840	5/16	24	0,340	0,500	0,750	0,395	0,551	1,125	0,500	1,102	0,375	0,335		
2 1/2	3,000	2,190	5/16	24	0,340	0,500	0,750	0,395	0,625	1,125	0,500	1,369	0,375	0,335	0,787	0,118
3 1/4	3,750	2,760	3/8	24	0,410	0,625	1,250	0,645	0,875	1,875	0,750	1,829	0,625	0,423		
4	4,500	3,320	3/8	24	0,410	0,625	1,250	0,645	0,937	1,875	0,750	2,032	0,625	0,423		

NFPA NORM
NORMA NFPA



MALE HINGE MP4

CERNIERA MASCHIO MP4

ORDERING CODE | Codice ordinazione

NOT THREADED AND WITHOUT BUSHES
non filettato e senza bussole

NF04 / diam.

WITH THREADED HOLES WITHOUT BUSHES
con fori filettati senza bussole

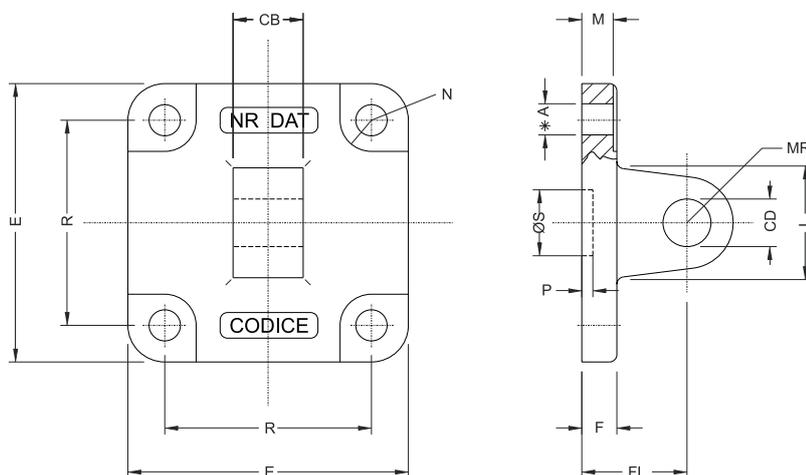
NF04T / diam.

WITH BUSHES
con bussole

NF30 / diam.

WITH BUSHES AND THREADED HOLES
con bussole e fori filettati

NF30T / diam.



D.cil.	E	R	A	+0,010/0 SMOOTH	CB	F	MR	FL	CD	L	M	N	S	P
	±0,025	± 0,010	THREAD		0/-0,020	max	max	±0,010	+0,002/0	±0,020	±0,020	+0,020/0	+0,020/0	+0,012/0
1 1/2	2,000	1,430	1/4 28	0,280	0,750	0,395	0,500	1,125	0,500	1,000	0,375	0,236		
2	2,500	1,840	5/16 24	0,340	0,750	0,395	0,551	1,125	0,500	1,102	0,375	0,335		
2 1/2	3,000	2,190	5/16 24	0,340	0,750	0,395	0,625	1,125	0,500	1,369	0,375	0,335	0,787	0,118
3 1/4	3,750	2,760	3/8 24	0,410	1,250	0,645	0,875	1,875	0,750	1,829	0,625	0,423		
4	4,500	3,320	3/8 24	0,410	1,250	0,645	0,937	1,875	0,750	2,032	0,625	0,423		

Note: the bushes are in sinterized steel with teflon
Nota: le bussole sono in acciaio sinterizzato teflonate all'interno

Material: Aluminium EN AB and AC 46100 - Al Si Cu 2 (Fe)
Standard finish: Rough - Grey (the finished part is tapped)
Possible coatings: Black cataphoresis, Anodising (vedi pag. 9)

Materiale: Alluminio EN AB ed AC 46100 - Al Si Cu 2 (Fe)
Trattamento standard: Grezza - Grigio (il pezzo finito viene burattato)
Possibili trattamenti: Cataforesi nera, Anodizzazione (go to pag. 9)

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO

NFPA
STEEL | ACCIAIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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RECTANGULAR FLANGE MF1/MF2

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COD. NF08

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CENTER TRUNNION MOUNTING MT4

CERNIERA INTERMEDIA

COD. NF09

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NFPA NORM
NORMA NFPA

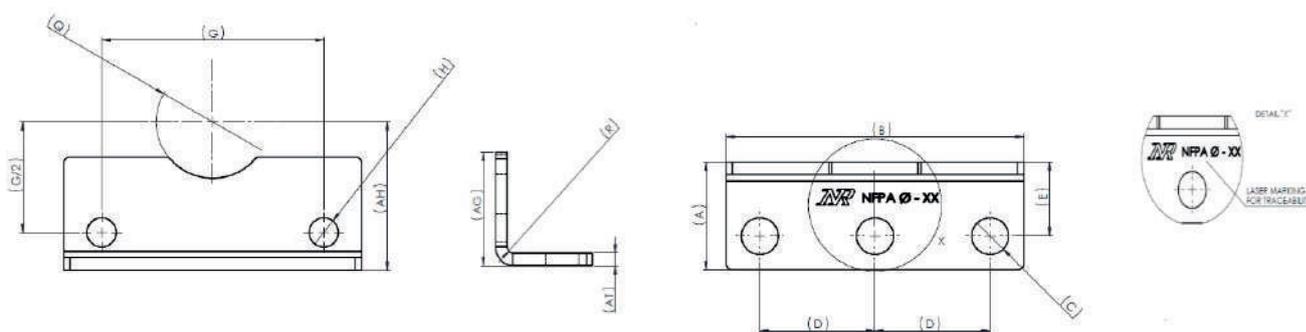
MS1 STEEL PEDESTAL

PIEDINO MS1



CODE ORDERING | Codice ordinazione

NF06 / diam.



Weight peso (g)	D.cil.	A	B	C	D	E	G	Q	H	AH	AT	AG	R
64	1½	1	2	0,44	0,63	1	1,43	1,57	0,29	1,18	0,16	0,90	0,04
87	2	1,37	2,5	0,44	0,88	1	1,84	1,57	0,35	1,44	0,16	1	0,10
124	2½	1,37	3	0,44	1,13	1	2,19	1,57	0,35	1,63	0,16	1,30	0,10
185	3¼	1,75	3,75	0,57	1,38	1,25	2,76	2,09	0,41	1,94	0,16	1,40	0,10
322	4	1,75	4,5	0,57	1,75	1,25	3,32	2,09	0,41	2,25	0,20	1,80	0,12
564	5	2	5,5	0,68	2,13	1,37	4,10	2,09	0,54	2,75	0,24	2,10	0,12
734	6	2	6,5	0,81	2,63	1,37	4,88	2,48	0,54	3,25	0,24	2,50	0,12
1807	8	2,5	8,5	0,81	3,56	1,81	6,44	2,48	0,66	4,25	0,31	3,60	0,16

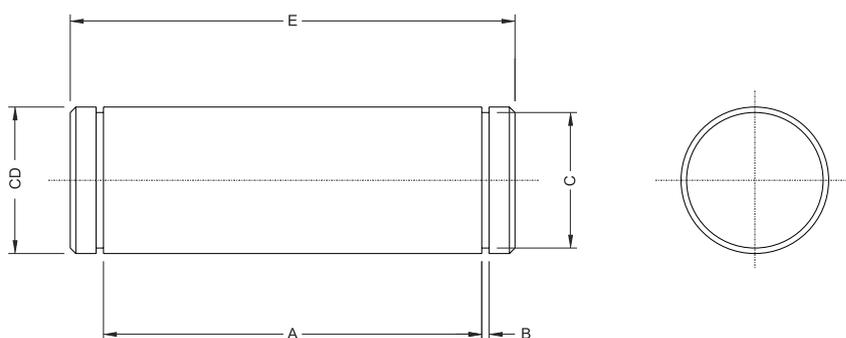
PIVOT FOR FEMALE HINGE MP2

PERNO PER CERNIERA
FEMMINA MP2



CODE ORDERING | Codice ordinazione

NF07 / diam.



D.cil.	A +0,015 0	B	C -0,008 -0,002	CD 0 -0,004	E ±0,030
1½	1,875	0,041	0,468	0,500	2,094
2	1,875	0,041	0,468	0,500	2,094
2½	1,875	0,041	0,468	0,500	2,094
3¼	2,625	0,048	0,704	0,750	2,875
4	2,625	0,048	0,704	0,750	2,875

NFPA NORM
NORMA NFPA

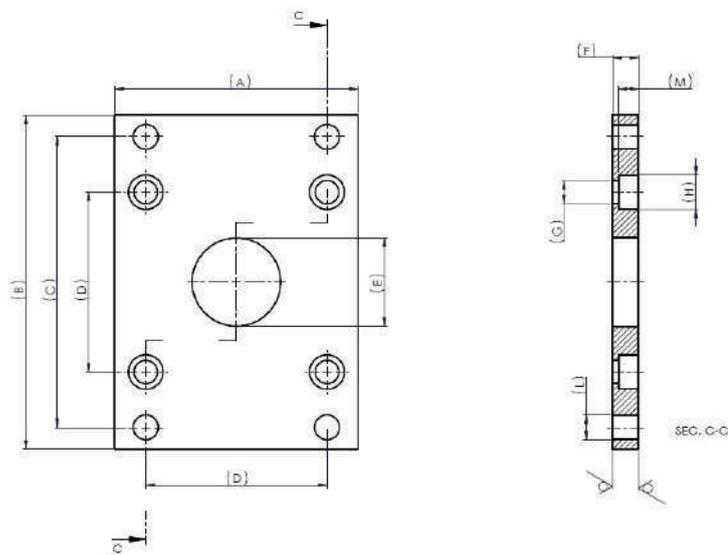


RECTANGULAR FLANGE MF1/MF2

FLANGIA MF1/MF2

CODE ORDERING | Codice ordinazione

NF08 / diam.



D.cil.	A	B	C	D	E	F	G	H	L	M
1 1/2	2	3,375	2,75	1,43	1,26	0,39	0,29	0,41	0,31	0,24
2	2,5	4,33	3,38	1,84	1,5	0,39	0,35	0,48	0,38	0,24
2 1/2	3	4,72	3,88	2,19	1,5	0,39	0,35	0,48	0,38	0,24
3 1/4	3,75	5,5	4,69	2,76	2	0,59	0,41	0,67	0,44	0,3
4	4,5	6,3	5,44	3,32	2	0,59	0,41	0,67	0,44	0,3
5	5,5	7,63	6,63	4,10	2	0,59	0,53	0,79	0,56	0,45
6	6,5	8,66	7,63	4,88	2,40	0,79	0,53	0,79	0,56	0,45

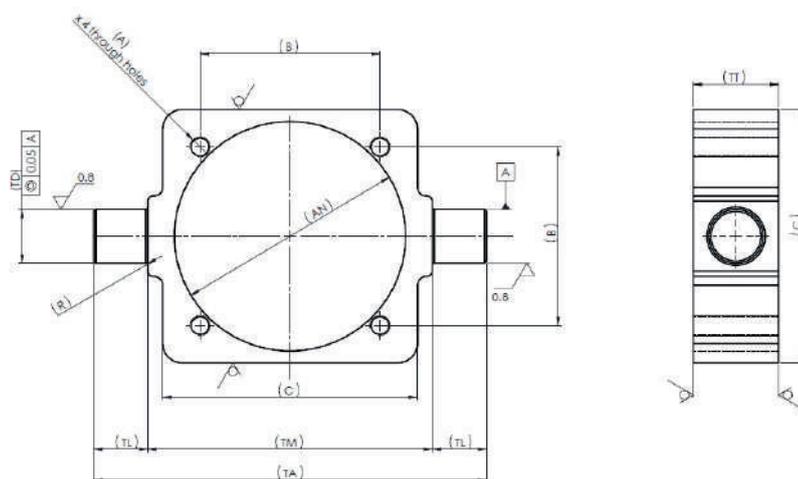
CENTER TRUNNION MOUNTING MT4

CERNIERA INTERMEDIA



CODE ORDERING | Codice ordinazione

NF09 / diam.



D.cil.	TM	TD 0,000 -0,001	TL	AN	C	TT	A	B	R
1½	2,5	1	1	1,76	2,11	1,18	1/4-28 UNF	1,43	0,04
2	3	1	1	2,26	2,65	1,18	5/16-24 UNF	1,84	0,04
2½	3,5	1	1	2,76	3,09	1,18	5/16-24 UNF	2,19	0,04
3¼	4,5	1	1	3,52	3,90	1,38	3/8-24 UNF	2,76	0,04
4	5,25	1	1	4,26	4,70	1,57	3/8-24 UNF	3,32	0,04

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO
ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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114

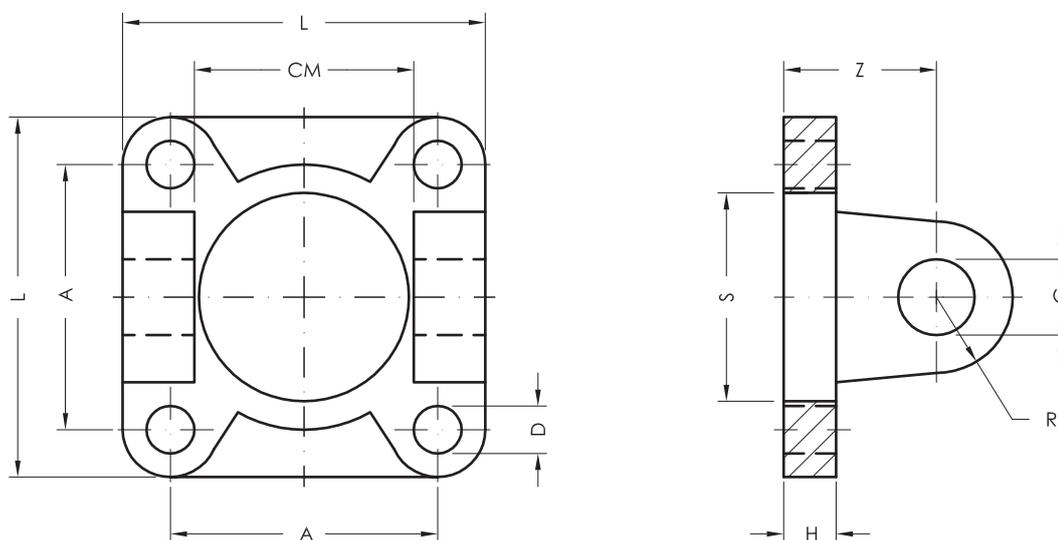


FEMALE HINGE

CERNIERA FEMMINA

ORDERING CODE | Codice ordinazione

0039 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	H	CM H 14	S H 11	R max	Z ±0.2	G H 9
38	32	33	45	7	8	26	25	8	18	8
58	40	40	52	7	8	33	32	12	24	12
118	50	49	65	9	10	33	32	12	26	12
146	63	59	75	9	10	47	45	16	30	16
324	80	75	95	11	12	47	45	16	32	16
492	100	90	115	11	12	57	55	20	37	20
978	125	110	140	14	16	57	55	21	41	20
1872	160	140	180	18	20	72	65	25	55	25
2800	200	175	220	18	20	72	65	25	55	25

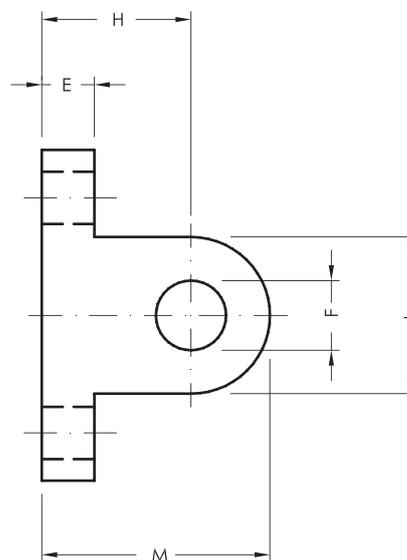
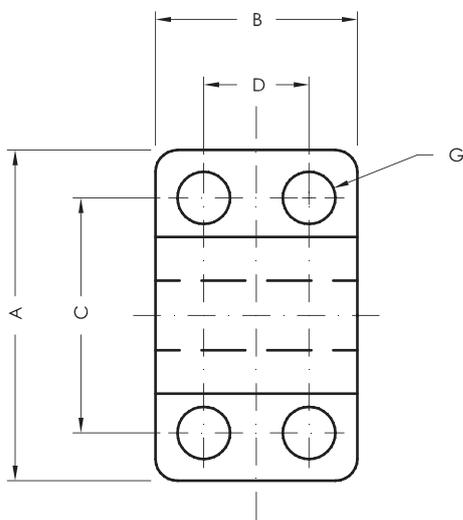
REAR CLEVIS BRACKET

ARTICOLAZIONE NORMALE



ORDERING CODE | Codice ordinazione

0034 / diam.



Weight peso (g)	D.cil.	A	B	C ±0.2	D ±0.2	E	F H 9	G	H ±0.2	L max	M max
26	32	40	25	28	-	8	8	7	18	16	26
56	40-50	52	32	38	16	10	12	9	26	24	38
176	63-80	75	46	54	25	12	16	11	34	36	52
376	100-125	115	56	90	32	16	20	14	41	40	61
924	160-200	180	71	150	43	20	25	18	55	50	80

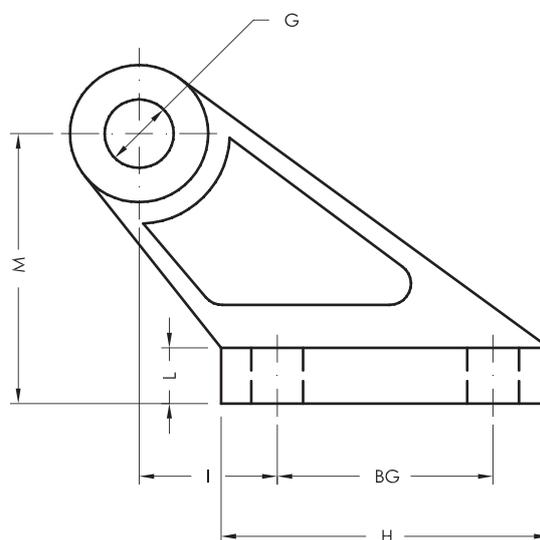
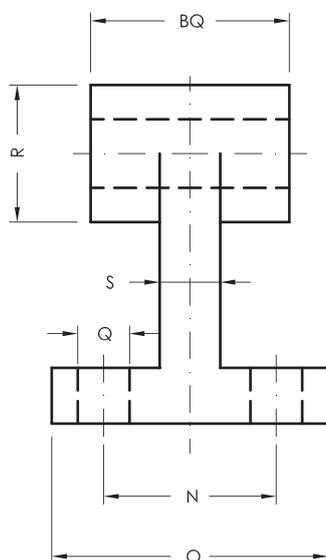
SQUARE JOINT

ARTICOLAZIONE
A SQUADRA



ORDERING CODE | Codice ordinazione

0026 / diam.



Weight peso (g)	D.cil.	Ø H13	BG ±0.2	H	I ±0.5	L	M ±0.2	N ±0.2	O	S	R max	BØ -0.2/-0.6	G H9
58	32	7	20	37	18	8	32	25	41	9	19.5	25	8
144	40-50	9	32	54	25	10	45	32	52	14	26	32	12
300	63-80	11	50	75	32	13	63	40	63	14	32	46	16
694	100-125	14	70	103	40	17	90	50	80	22	42	56	20
1922	160-200	18	110	154	45	20	140	63	111	26	54	70	25

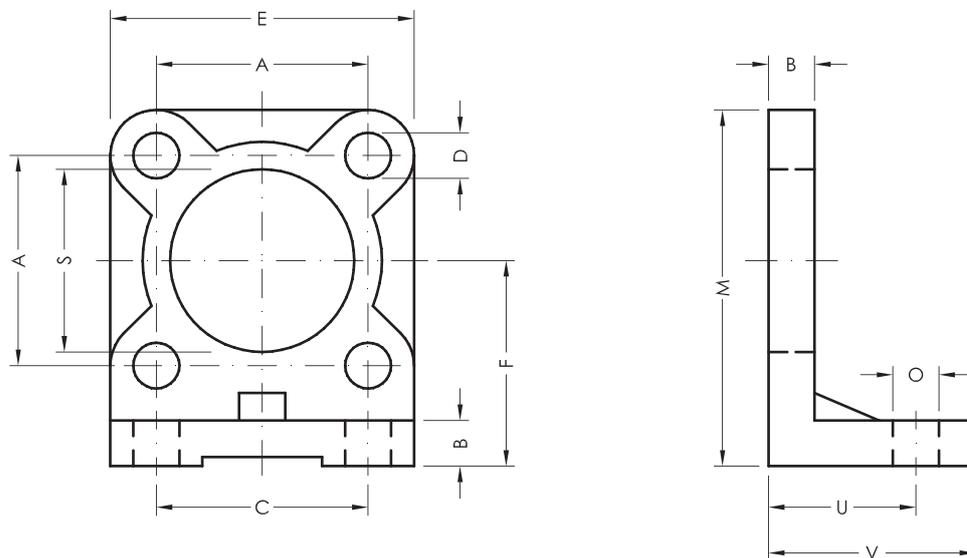
HIGH PEDESTAL

PIEDISTALLO ALTO



ORDERING CODE | Codice ordinazione

0043 / diam.



Weight peso (g)	D.cil.	A ±0.2	B	C ±0.2	D H 13	E ±0.5	F ±0.2	M ±1	O H 13	S H 11	U ±0.2	V ±1
40	25	28	8	24	7	40	30	50	9	25	27	35
54	32	33	8	28	7	45	32	54	9	25	27	35
70	40	40	8	36	7	52	36	62	9	32	27	35
150	50	49	10	45	9	65	45	77	11	32	35	45
170	63	59	10	55	9	75	50	87	11	45	35	45
354	80	75	12	70	11	95	63	110	14	45	43	55
470	100	90	12	90	11	115	73	130	14	55	43	55
918	125	110	16	110	14	140	91	161	18	55	52	68
2300	160	140	20	130	18	180	115	205	22	65	62	82
3450	200	175	20	170	18	220	135	245	22	65	62	92

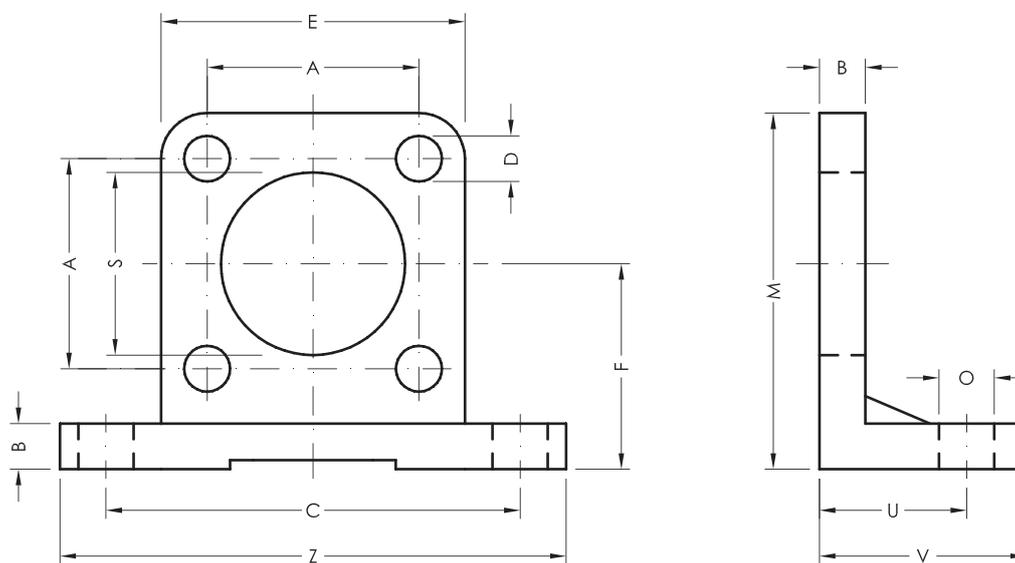


HIGH LARGE PEDESTAL

PIEDISTALLO ALTO
LARGO

ORDERING CODE | Codice ordinazione

0044 / diam.



Weight peso (g)	D.cil.	A ±0.2	B	C ±0.2	D H 13	E ±0.5	F ±0.2	M ±1	O H 13	S H 11	U ±0.2	V ±1	Z ±1
55	25	28	8	58	7	40	30	50	9	25	18	35	75
76	32	33	8	65	7	45	32	54	9	25	18	35	82
90	40	40	8	72	7	52	36	62	9	32	18	35	90
188	50	49	10	90	9	65	45	77	11	32	22	45	110
206	63	59	10	100	9	75	50	87	11	45	22	45	120
410	80	75	12	126	11	95	63	110	14	45	28	55	154
576	100	90	12	148	11	115	73	130	14	55	28	55	180
1058	125	110	16	180	14	140	91	161	18	55	32	67.5	215
2350	160	140	20	230	18	180	115	206	22	65	40	80	275
3100	200	175	20	270	18	220	135	246	22	65	40	80	318

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO
STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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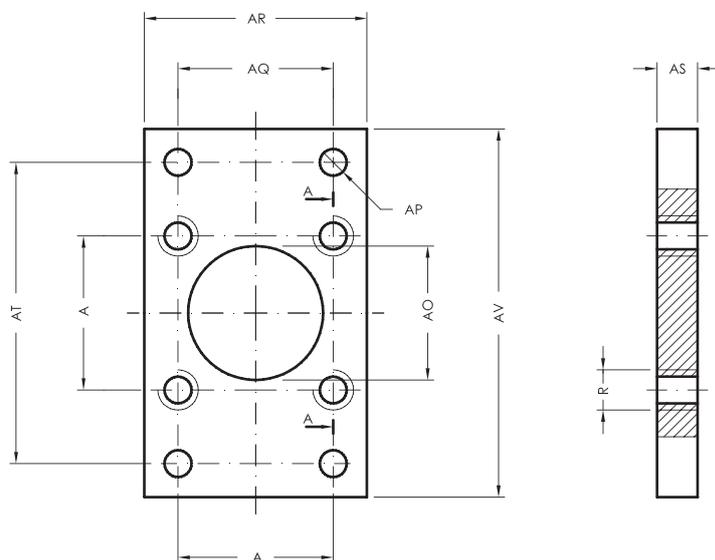
THREADED FLANGE

FLANGIA FILETTATA



CODE ORDERING | Codice ordinazione

0022 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	AO H 11	R	AS ±0.2	AR	AQ JS 14	AT JS 14	AV
170	32	33	9	25	M6	8	45	33	68	80
220	40	40	9	32	M6	8	52	40	78	90
450	50	49	11	32	M8	10	65	49	94	110
532	63	59	11	45	M8	10	75	59	104	120
1100	80	75	14	45	M10	12	95	75	130	150
1536	100	90	14	55	M10	12	115	90	150	170
3100	125	110	18	55	M12	16	140	110	180	205
6500	160	140	22	65	M16	20	180	140	228	260
9500	200	175	22	65	M16	20	220	175	268	300

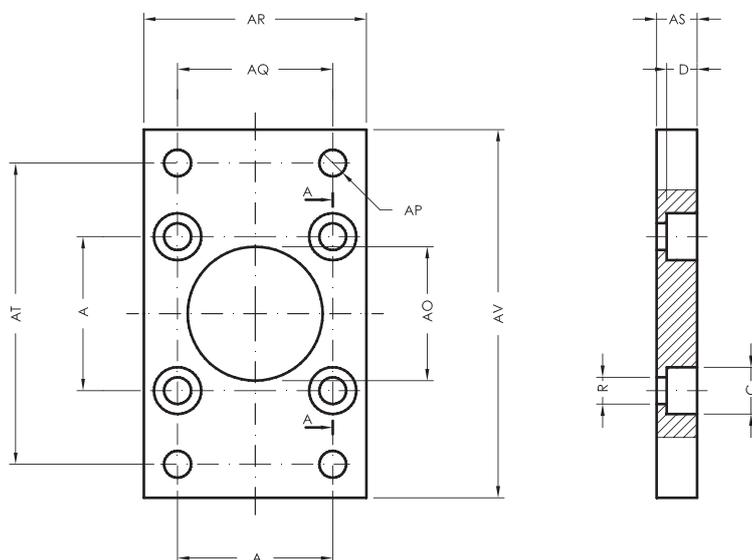
SPOT FACED FLANGE

FLANGIA LAMATA



CODE ORDERING | Codice ordinazione

0028 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	A0 H 11	R	AS ±0.2	AR	AQ JS 14	AT JS 14	AV	C	D +0.2/0
158	32	33	9	25	6.5	8	45	33	68	80	10.5	6
206	40	40	9	32	6.5	8	52	40	78	90	10.5	6
424	50	49	11	32	9	10	65	49	94	110	13.5	8
504	63	59	11	45	9	10	75	59	104	120	13.5	8
1046	80	75	14	45	10.5	12	95	75	130	150	16.5	10
1480	100	90	14	55	10.5	12	115	90	150	170	16.5	10
3000	125	110	18	55	13.5	16	140	110	180	205	19	12.5
6300	160	140	22	65	16.5	20	180	140	228	260	24.5	16.5
9300	200	175	22	65	16.5	20	220	175	268	300	24.5	16.5

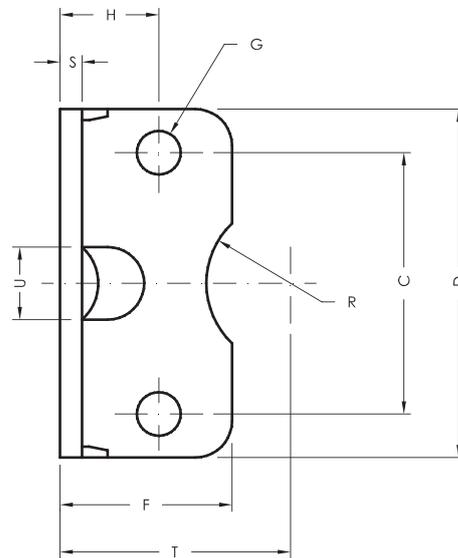
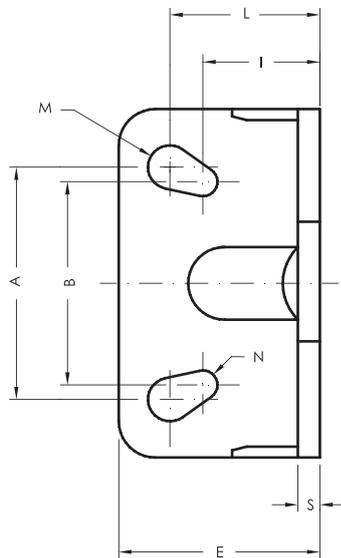


LOW-RISE PEDESTAL

PIEDINO BASSO

CODE ORDERING | Codice ordinazione

0052 / diam.



	Weight peso (g)	D.cil.	A	B	C	D	E	F	G	H	I	L	M	N	R	S	T	U
			±0.2	±0.2	±0.2	max	+2/0	H13	±0.2	±0.2	±0.2	H13	H13	+0.5/0	±0.5	±0.2		
CNOMO AND CETOP	54	25	24	-	28	40	35	30	7	16	-	27	9	-	13	2,5	-	-
	66	32	28	32	33	45	35	30	7	15.5	22	27	4.5	3.5	12.5	4	32	11
	78	40	36	36	40	52	36	30	7	16	26	27	4.5	4.5	16	4	36	15
	168	50	45	45	49	65	45	36	9	20.5	30	35	5.5	4.5	16	5	45	16
	190	63	55	50	59	75	45	35	9	20.5	30	35	5.5	4.5	22.5	5	50	18
	382	80	70	63	75	95	55	45	11	25.5	37	43	7	5.5	22.5	6	63	17
	452	100	90	75	90	115	56	44	11	27	37.5	43	7	6.5	27.5	6	73	24

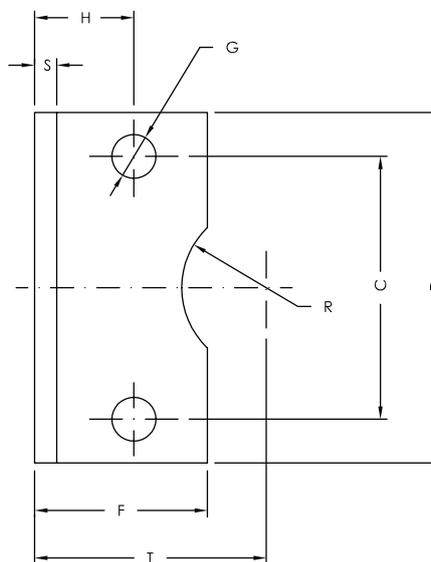
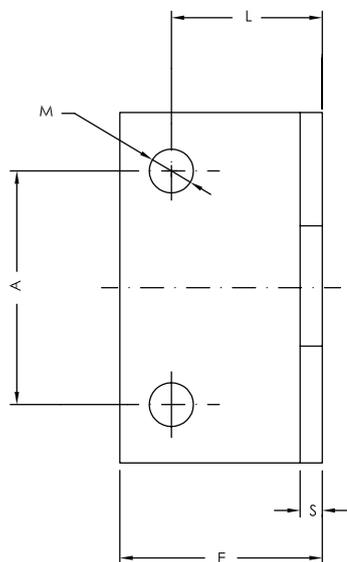
LOW-RISE PEDESTAL

PIEDINO BASSO



CODE ORDERING | Codice ordinazione

0052 / diam.



ONLY
CNOMO

Weight peso (g)	D.cil.	A ±0.2	C ±0.2	D max	E	F +2/0	G H 13	H ±0.2	L ±0.2	M H 14	R +0.5/0	S ±0.5	T ±0.2
1150	125	100	110	140	70	70	14	36	52	18	27.5	8	91
2000	160	130	140	180	75	100	18	45	62	22	32.5	10	115
3800	200	170	175	220	100	100	18	47	62	22	32.5	12	135

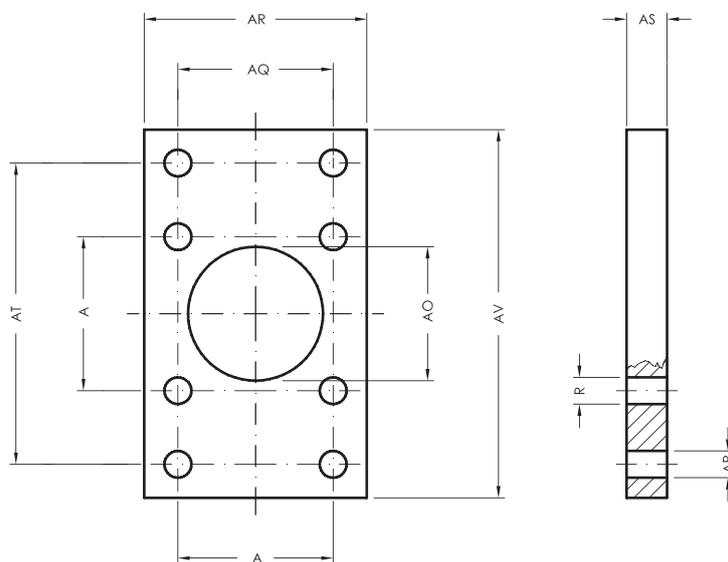
SMOOTH HOLES FLANGE

FLANGIA LISCIA



CODE ORDERING | Codice ordinazione

0080 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	AO H 11	R	AS ±0.2	AR	AQ JS 14	AT JS 14	AV
170	32	33	9	25	7	8	45	33	68	80
220	40	40	9	32	7	8	52	40	78	90
450	50	49	11	32	9	10	65	49	94	110
532	63	59	11	45	9	10	75	59	104	120
1100	80	75	14	45	11	12	95	75	130	150
1536	100	90	14	55	11	12	115	90	150	170
3100	125	110	18	55	14	16	140	110	180	205
6500	160	140	22	65	18	20	180	140	228	260
9500	200	175	22	65	18	20	220	175	268	300

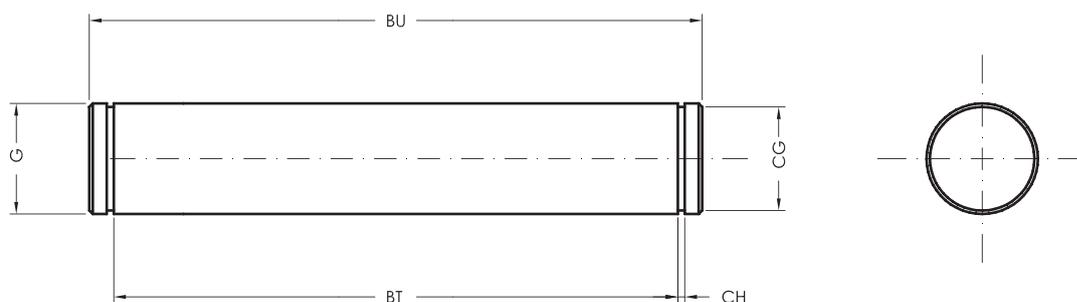
PIN FOR FEMALE HINGE

PERNO PER CERNIERA
FEMMINA



CODE ORDERING | Codice ordinazione

0045 / diam.



Weight peso (g)	D.cil.	G f 7	BT +0.3/0	CG	CH	BU
21	32	8	46	7.6	1.1	53
52	40	12	53	11.5	1.1	60
64	50	12	66	11.5	1.1	73
130	63	16	76	15.2	1.1	83
160	80	16	96	15.2	1.1	103
304	100	20	117	19	1.3	124
364	125	20	142	19	1.3	149
720	160	25	182	23.9	1.3	189
872	200	25	222	23.9	1.3	229

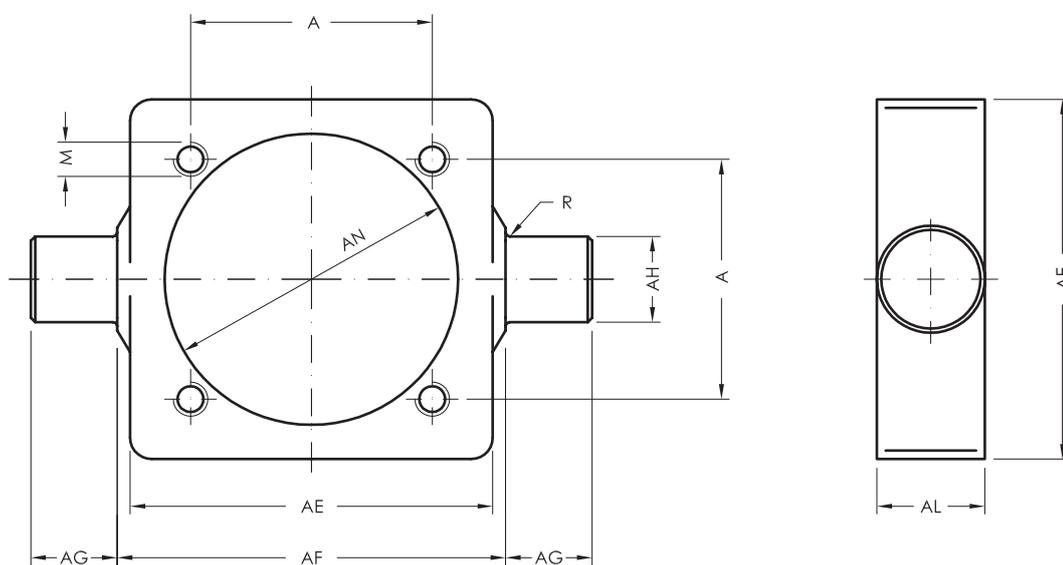
INTERMEDIATE HINGE

CERNIERA INTERMEDIA
ROTONDA FILETTATA



CODE ORDERING | Codice ordinazione

0010 / diam.



	Weight peso (g)	D.cil.	A ±0.2	AE max	AL max	AH e 9	AG h 14	AF h 14	AN +0.2/0	R max	M
CNOMO	28	25	28	39	15	12	12	42	28,5	0,8	M6
	130	32	33	46	15	12	12	50	37	1	M6
	306	40	40	59	20	16	16	63	46	1.5	M6
	370	50	49	69	20	16	16	73	56	1.6	M8
	702	63	59	84	25	20	20	90	69	1.6	M8
	894	80	75	102	25	20	20	108	87	1.6	M10
SAME AS CNOMO AD ISO-VDMA	1590	100	90	125	30	25	25	131	107	2	M10
	2600	125	110	155	32	25	25	160	133.5	2	M12
	4300	160	140	190	40	32	32	200	171	2.5	M16
	7450	200	175	240	40	32	32	250	211	2.5	M16

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Anodising (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Anodizzazione (vedi pag. 9)

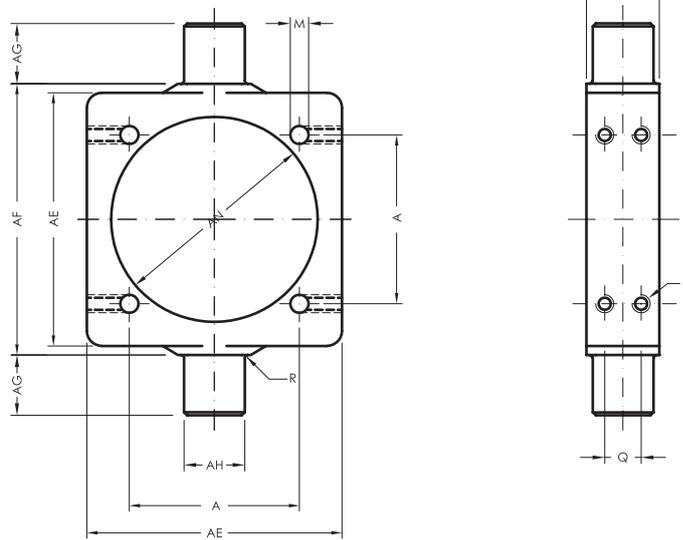
INTERMEDIATE ADJUSTABLE HINGE

CERNIERA INTERMEDIA
ROTONDA REGOLABILE



CODE ORDERING | Codice ordinazione

0010REG / diam.



	Weight peso (g)	D.cil.	A	AE	AL	AH	AG	AF	AN	R	M	Q	Z
			±0.2	max	max	e 9	h 14	h 14	+0.2/0	max	+0.2/0	±0.2	
CNOMO	110	32	33	46	15	12	12	50	37	1	6.25	7	M5
	290	40	40	59	20	16	16	63	46	1.5	6.25	8	M5
	330	50	49	69	20	16	16	73	56	1.6	8.25	8	M6
	650	63	59	84	25	20	20	90	69	1.6	8.25	12	M6
	830	80	75	102	25	20	20	108	87	1.6	10.25	12	M8
SAME AS CNOMO AD ISO-VDMA	1560	100	90	125	30	25	25	131	107	2	10.25	15	M8
	2450	125	110	155	32	25	25	160	133.5	2	12.25	15	M10
	4150	160	140	190	40	32	32	200	171	2.5	16.25	18	M12
	7300	200	175	240	40	32	32	250	211	2.5	16.25	18	M12

CNOMO
Steel

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP
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CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

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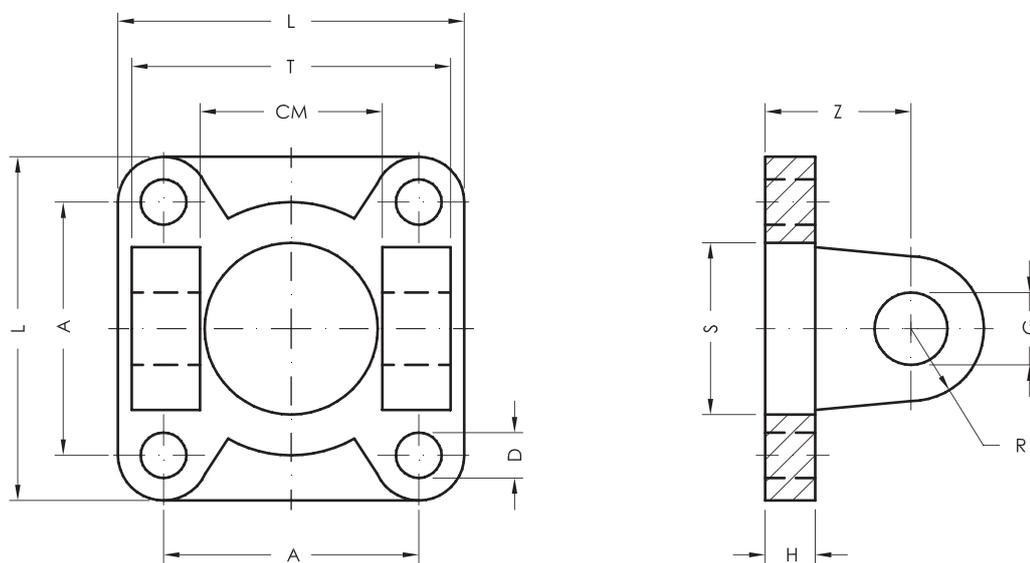


FEMALE HINGE

CERNIERA FEMMINA

ORDERING CODE | Codice ordinazione

0040 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	H	CM H 14	T h 14	S H 11	R max	Z ±0.2	G H 9
42	32	33	45	7	8	26	45	25	10	20	10
60	40	40	52	7	8	28	52	32	12	23	12
108	50	49	65	9	10	32	60	32	12	25	12
155	63	59	75	9	10	40	70	45	16	30	16
284	80	75	95	11	12	50	90	45	16	32	16
554	100	90	115	11	12	60	110	55	20	37	20
960	125	110	140	14	16	70	130	55	25	46	25
1720	160	140	180	18	20	90	170	65	25	55	30
2400	200	175	220	18	20	90	170	65	25	55	30

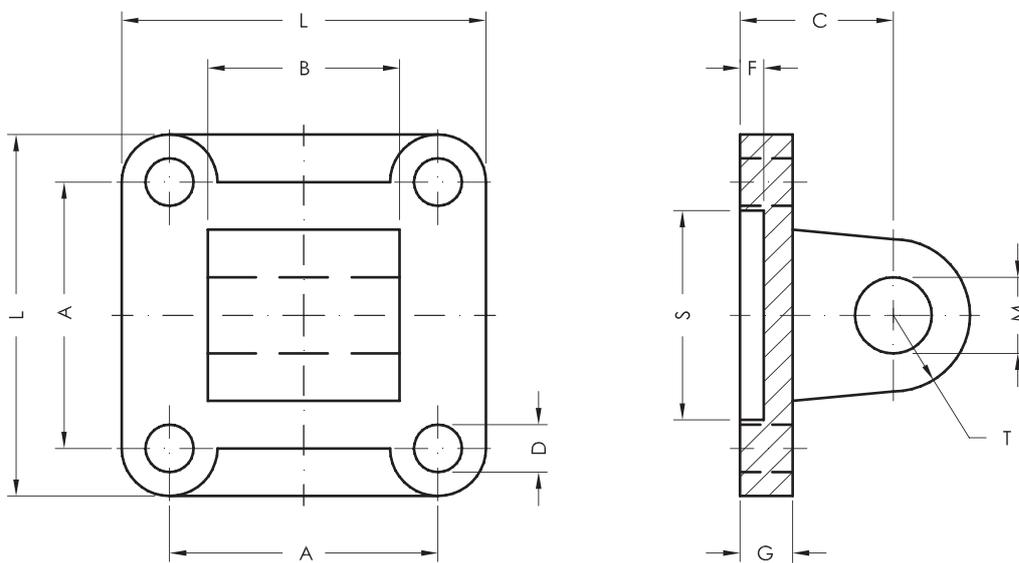
MALE HINGE

CERNIERA MASCHIO



ORDERING CODE | Codice ordinazione

0041 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	G	F	T max	S H 13	B -0.2/-0.6	C ±0.2	M H 9
52	32	33	45	7	8	3.5	10	25	26	20	10
78	40	40	55	7	8	3.5	12	32	28	23	12
102	50	49	65	9	8	4	12	32	32	25	12
188	63	59	75	9	10	4	16	45	40	30	16
318	80	75	95	11	12	4	16	45	50	32	16
520	100	90	115	11	12	4	20	55	60	37	20
1062	125	110	140	14	16	7	25	55	70	46	25
1878	160	140	180	18	20	7	25	65	90	55	30
2500	200	175	220	18	20	7	25	65	90	55	30

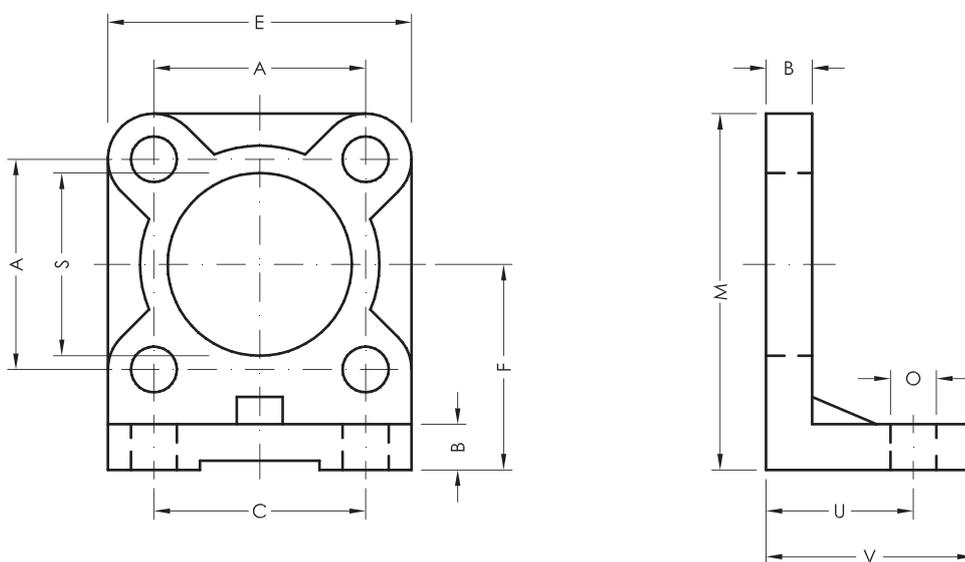


HIGH PEDESTAL

PIEDINO ALTO

ORDERING CODE | Codice ordinazione

0042 / diam.



Weight peso (g)	D.cil.	A ±0.2	B	C ±0.2	D H 13	E	F ±0.2	M	O H 13	S H 13	U ±0.2	V
50	32	33	8	32	7	45	32	54.5	7	25	22	35
70	40	40	8	36	7	52	36	62	9	32	26	35
156	50	49	10	45	9	65	45	78	9	32	30	45
173	63	59	10	50	9	75	50	87	9	45	30	45
358	80	75	12	63	11	95	63	110	12	45	37	55
472	100	90	12	75	11	115	71	130	14.5	55	37.5	55
938	125	110	16	90	14	140	91	161	16	55	41	68
2300	160	140	21	115	18	180	115	205	18	65	60	82
3300	200	175	21	135	18	220	135	245	22	65	65	92

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO

CETOP
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ISO 6431 ALUMINIUM | ALLUMINIO

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COD. 0052 136



PIN FOR FEMALE HINGE MP2
PERNO PER CERNIERA FEMMINA MP2
COD. 0007 137

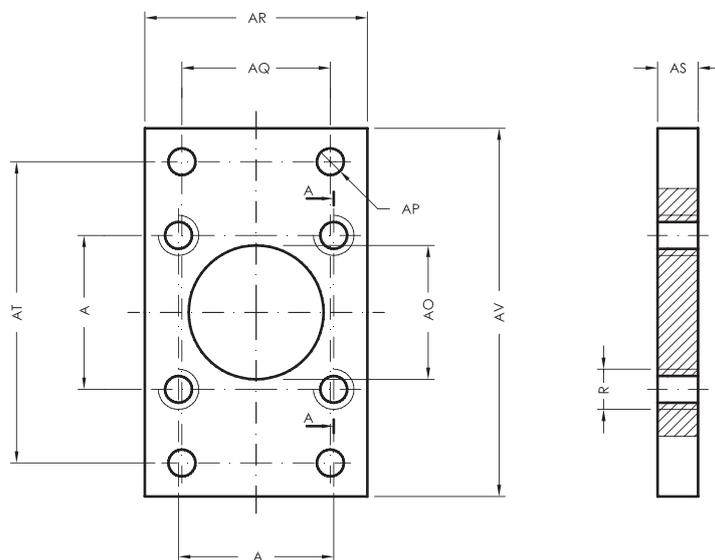
THREADED FLANGE

FLANGIA FILETTATA



CODE ORDERING | Codice ordinazione

0023 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	AO H 11	R	AS ±0.2	AR	AQ JS 14	AT JS 14	AV
178	32	33	7	25	M6	8	45	32	64	80
220	40	40	9	32	M6	8	52	36	72	90
438	50	49	9	32	M8	10	65	45	90	110
542	63	59	9	45	M8	10	75	50	100	120
1128	80	75	12	45	M10	12	95	63	126	150
1516	100	90	14	55	M10	12	115	75	150	170
3200	125	110	16	55	M12	16	140	90	180	205
6500	160	140	18	65	M16	20	180	115	230	260
9400	200	175	22	65	M16	20	220	135	270	300

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)

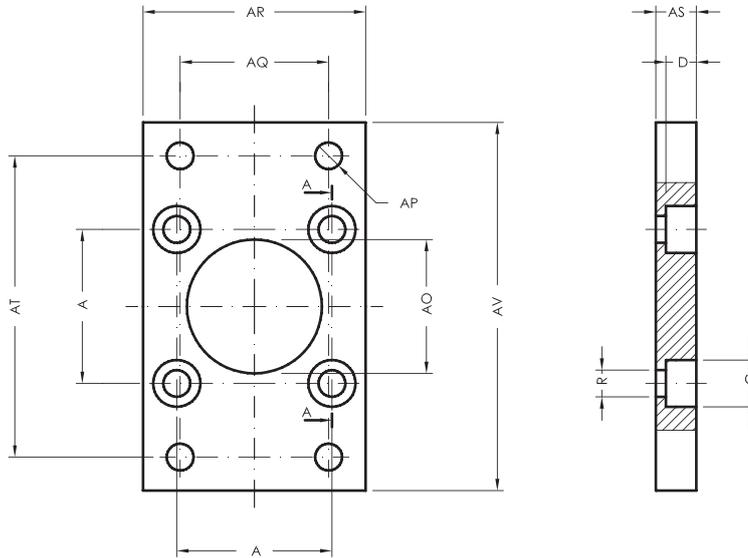
SPOT FACED FLANGE

FLANGIA LAMATA



CODE ORDERING | Codice ordinazione

0029 / diam.



Weight peso (g)	D.cil.	A ±0.2	AP H 13	A0 H 11	R	AS ±0.2	AR	AQ JS 14	AT JS 14	AV	C	D +0.2/0
164	32	33	7	25	6.5	8	45	32	64	80	10.5	6
208	40	40	9	32	6.5	8	52	36	72	90	10.5	6
430	50	49	9	32	8.5	10	65	45	90	110	13.5	8
514	63	59	9	45	8.5	10	75	50	100	120	13.5	8
1068	80	75	12	45	10.5	12	95	63	126	150	16.5	10
1470	100	90	14	55	10.5	12	115	75	150	170	16.5	10
3000	125	110	16	55	13	16	140	90	180	205	19	12.5
6500	160	140	18	65	16.5	20	180	115	230	260	24.5	16.5
9400	200	175	22	65	16.5	20	220	135	270	300	24.5	16.5

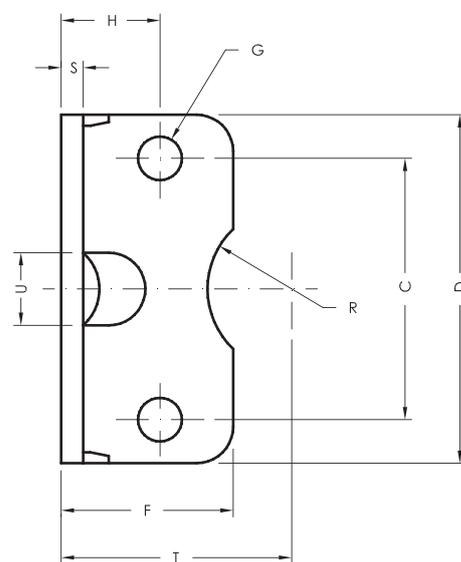
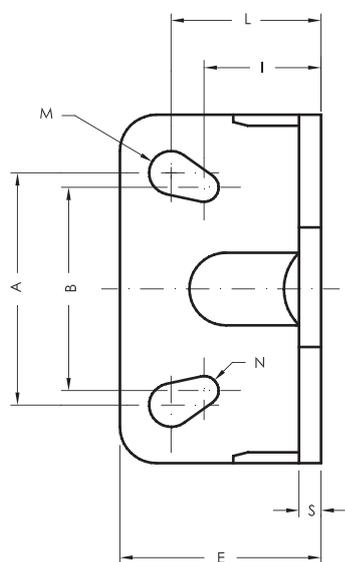


LOW-RISE PEDESTAL

PIEDINO BASSO

CODE ORDERING | Codice ordinazione

0052 / diam.



CNOMO
AND CETOP

Weight peso (g)	D.cil.	A ±0.2	B ±0.2	C ±0.2	D max	E	F +2/0	G H13	H ±0.2	I ±0.2	L ±0.2	M H13	N H13	R +0.5/0	S ±0.5	T ±0.2	U
66	32	28	32	33	45	35	30	7	15.5	22	27	4.5	3.5	12.5	4	32	11
78	40	36	36	40	52	36	30	7	16	26	27	4.5	4.5	16	4	36	15
168	50	45	45	49	65	45	36	9	20.5	30	35	5.5	4.5	16	5	45	16
190	63	55	50	59	75	45	35	9	20.5	30	35	5.5	4.5	22.5	5	50	18
382	80	70	63	75	95	55	45	11	25.5	37	43	7	5.5	22.5	6	63	17
452	100	90	75	90	115	56	44	11	27	37.5	43	7	6.5	27.5	6	73	24

Material: Steel (ASTM A-105)
Standard finish: White galvanising
Possible coatings: Black cataphoresis, Chemical nickel-plating (go to pag. 9)

Materiale: Acciaio (ASTM A-105)
Trattamento standard: Zincatura bianca
Possibili trattamenti: Cataforesi nera, Nichelatura (vedi pag. 9)



PIN FOR FEMALE HINGE MP2

PERNO PER CERNIERA
FEMMINA MP2

CODE ORDERING | Codice ordinazione

0007 / diam.

Weight peso (g)	D.cil.	G e 8	BT +0.3/0	CG	CH H 13	BU
32	32	10	46	9.6	1.1	53
52	40	12	53	11.5	1.1	60
60	50	12	61	11.5	1.1	68
122	63	16	71	15.2	1.1	78
152	80	16	91	15.2	1.1	98
290	100	20	111	19	1.3	118
530	125	25	132	23.9	1.3	139
978	160	30	171.5	28.6	1.6	178
978	200	30	171.5	28.6	1.6	178
2100	250	40	202	37.5	1.85	211
2950	320	45	222	42.5	1.85	236

MOUNTING PARTS TO NORM

FISSAGGI A NORMA



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STEEL | ACCIAIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 STEEL | ACCIAIO



ISO 6432 STAINLESS STEEL | INOX



ISO 21287 STEEL | ACCIAIO



ISO 21287 ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



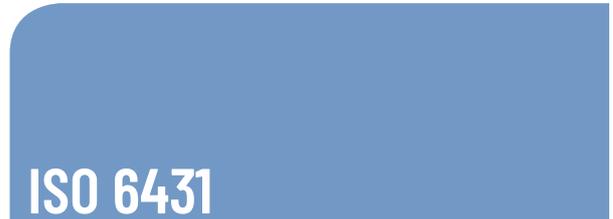
CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



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MALE HINGE
CERNIERA MASCHIO
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SQUARE JOINT
ARTICOLAZIONE A SQUADRA
COD. 0024 143

ISO 6431 NORM
NORMA ISO 6431

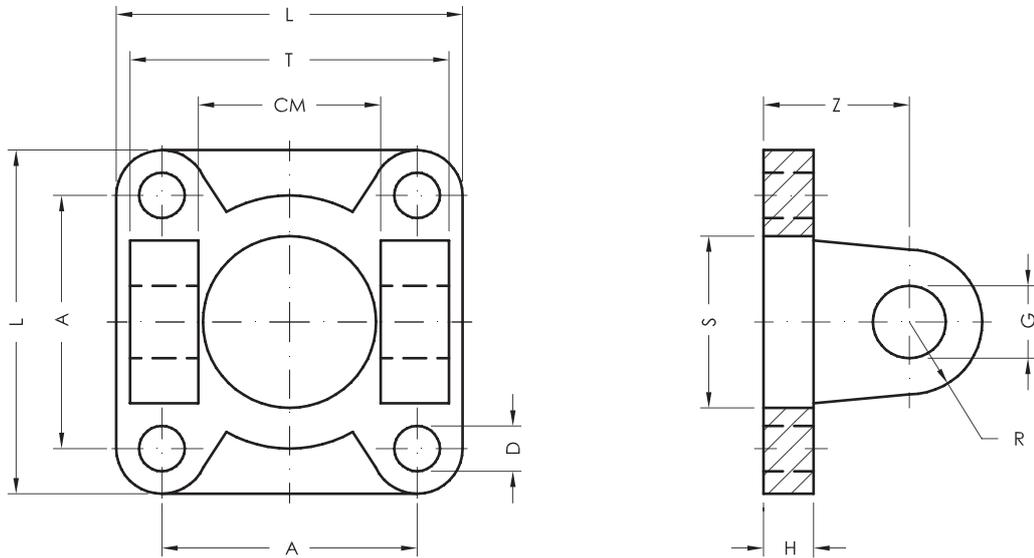
FEMALE HINGE

CERNIERA FEMMINA



ORDERING CODE | Codice ordinazione

0037 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	H	CM H 14	T h 14	S H 11	R max	Z ±0.2	G H 9
44	32	32.5	45	7	8	26	45	30	10	22	10
63	40	38	52	7	10	28	52	35	12	25	12
114	50	46.5	65	9	12	32	60	40	12	27	12
171	63	56.5	75	9.5	12	40	70	45	16	32	16
258	80	72	95	11	16	50	90	45	16	36	16
573	100	89	115	11	16	60	110	55	20	41	20

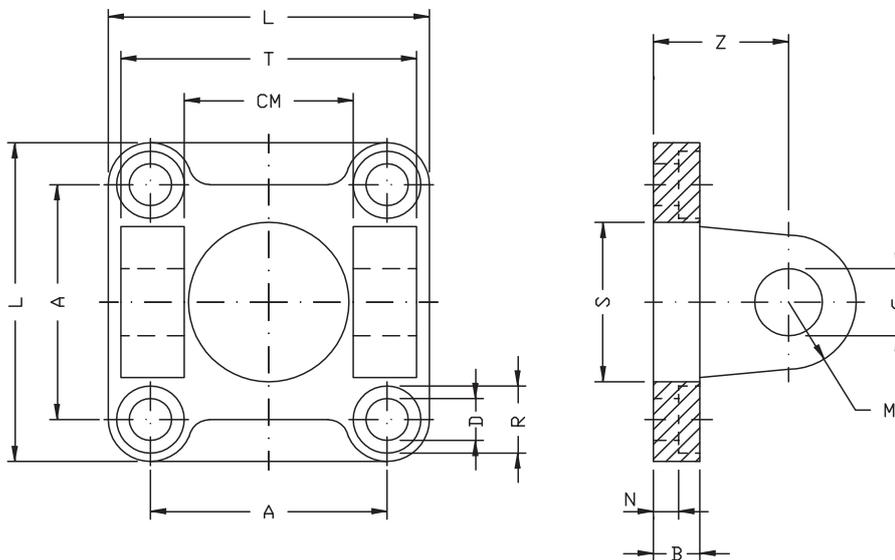
FRONT FEMALE HINGE

CERNIERA FEMMINA
ANTERIORE



ORDERING CODE | Codice ordinazione

0037ANT / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	H	CM H 14	T H 14	S H 11	R max	Z +0.2	G H 9
44	32	32.5	45	7	8	26	45	30	10	22	10
63	40	38	52	7	10	28	52	35	12	25	12
114	50	46.5	65	9	12	32	60	40	12	27	12
171	63	56.5	75	9.5	12	40	70	45	16	32	16

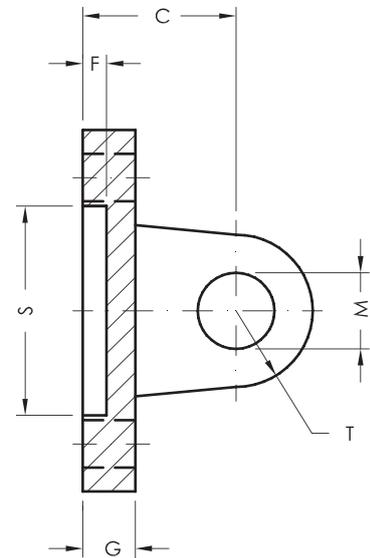
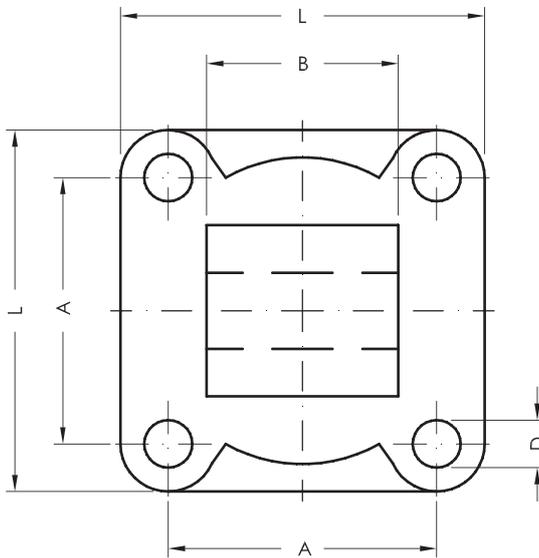
MALE HINGE

CERNIERA MASCHIO



ORDERING CODE | Codice ordinazione

0038 / diam.



Weight peso (g)	D.cil.	A ±0.2	L	D H 13	G	F	T max	S H 11	B -0.2/-0.6	C ±0.2	M H 9
56	32	32.5	45	7	10	4	10	30	26	22	10
90	40	38	55	7	10	5	12	35	28	25	12
123	50	46.5	65	9	10	5	12	40	32	27	12
231	63	56.5	75	9	12	5	16	45	40	32	16
408	80	72	95	11	16	5	16	47	50	36	16
646	100	89	115	11	16	5	20	57	60	41	20

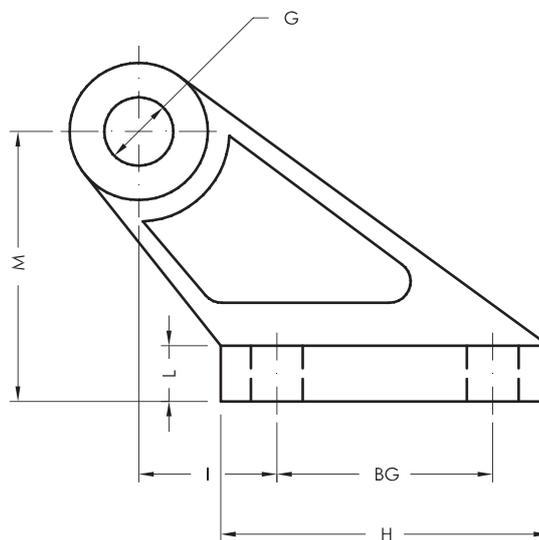
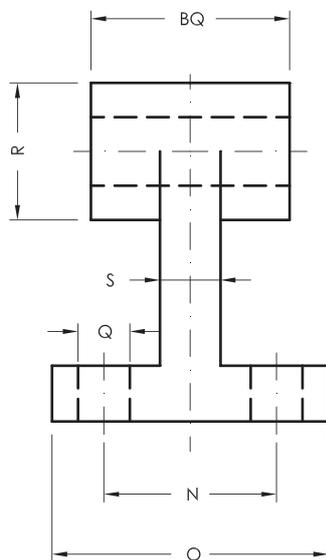
SQUARE JOINT

ARTICOLAZIONE
A SQUADRA



ORDERING CODE | Codice ordinazione

0024 / diam.



Weight peso (g)	D.cil.	Q H T3	BG JS 14	H	I ±0.5	L	M ±0.2	N JS 14	O	S	R max	BQ -0.2/-0.6	G H 9
54	32	7	20	37	18	8	32	25	41	9	19	26	10
136	40	9	32	54	25	10	45	32	52	14	25.5	28	12
140	50	9	32	54	25	10	45	32	52	14	25.5	32	12
295	63	11	50	75	32	12	63	40	63	14	32	40	16
313	80	11	50	75	32	12	63	40	63	14	32	50	16
710	100	14	70	103	40	17	90	50	80	22	42	60	20
820	125	14	70	103	40	17	90	50	80	22	46	70	25
1974	160-200	18	110	154	50	20	140	63	110	26	53.5	89	30

CHARACTERISTICS OF ALUMINIUM

CARATTERISTICHE DELL'ALLUMINIO

NORM/norma

EN AB 46100

Lega Materiale: AlSi11CuZ(Fe)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

%	Fe	Mn	Mg	Si	Cu	Sn	Zn	Ti	Ni	Pb	Others Altri	Alu
max	1,00	0,50	0,30	12,50	2,50	0,10	0,80	0,15	0,30	0,15	0,25	REST
min	0,70			11,00	1,75						TOT	

MECHANICAL PROPERTY | PROPRIETÀ MECCANICHE

ON TEST TUBE UNI 3039 SU PROVETTA UNI 3039	R N/mm ²	Rp 0,2 N/mm ²	A %	HB
max	295	195	2	100
min	265	155	1	85

TECHNOLOGY CHARACTERISTICS | CARATTERISTICHE TECNOLOGICHE

Specific weight peso specifico	2,67 kg/dm ³
Fusion point interior punto di fusione inferiore	505°C
Fusion point superior punto di fusione superiore	585°C
Specific heat (to 100°C) calore specifico (a 100°C)	~ 23 cal/g
Latent heat of fusion calore latente di fusione	~ 93 cal/g
Conductibility thermally (to 20°C) conduttività termica (a 20°C)	0,33 cal/cm sec °c
Module of elasticity modulo elasticità	7.600 Kg/mm ²
Maximum temperature of fusion temperatura massima di fusione	750°C
Interval of casting under pressure intervallo colata sottopressione	600-700°C
Linear retirement ritiro lineare	-0,70%
Castingility colabilità	good - buona
Machinability lavorabilità all'utensile	sufficient - sufficiente
Burnishility lucidabilità	sufficient - sufficiente
Mechanics resistance to warm resistenza meccanica a caldo	sufficient - sufficiente
Fragility of retirement fragilità di ritiro	little - piccola
Tenure to pressure tenuta a pressione	sufficient - sufficiente
Corrosions resistance resistenza alla corrosione	sufficient - sufficiente

Raw material is purchased by NR srl and given to the foundries that produce our parts. The molds are exclusive property of NR srl.

I lingotti di alluminio sono acquistati direttamente dalla NR srl e vengono consegnati alle fonderie per produrre i nostri pezzi.

Anche gli stampi per la realizzazione sono di nostra esclusiva proprietà.

CHARACTERISTICS OF STEEL AND STAINLESS STEEL

CARATTERISTICHE
DELL'ACCIAIO
E INOX

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

DESCRIPTION DESCRIZIONE	%	C	Mn	P	S	Si	Cr	Ni	Cu	Mo
Steel - Acciaio > ASTM A-105 / DIN C21	max	0,350	1,050	0,035	0,040	0,350	0,300	0,400	0,040	0,120
	min		0,600			0,100				
Steel - Acciaio > S235JRG2 / EN 10025	max	0,170	1,400	0,045	0,045					
	min									
Stainless Steel - Inox > AISI 304 / WST 1.4301	max	0,070	2,000	0,045	0,015	1,000	19,500	10,500		
	min						17,000	8,000		
Stainless Steel - Inox > AISI 316 / WST 1.4401	max	0,070	2,000	0,045	0,015	1,000	18,500	13,000		2,500
	min						16,500	10,000		2,000

MECHANICAL PROPERTY | PROPRIETÀ MECCANICHE

DESCRIPTION DESCRIZIONE	R	Rp 0,2 N/mm ²	A N/mm ²	HB %	KV
Steel - Acciaio > ASTM A-105 / DIN C21	max				187
	min	485	250	22	
Steel - Acciaio > S235JRG2 / EN 10025	max	710			
	min	420	300	9	
Stainless Steel - Inox > AISI 304 / WST 1.4301	max	700			215
	min	500	190	45	
Stainless Steel - Inox > AISI 316 / WST 1.4401	max	700			215
	min	500	200	40	



CUSTOM PRODUCTS

PRODOTTI CUSTOM





BLACK CATAPHORESIS CATAFORESI NERA

The coating of the metallic surfaces by means of the cathodesis process lends high protection characteristics against atmospheric agents to the products.

The a.m. process, performed by immersion with electric power application enables, by means of electro-deposition, an anticorrosive protection also of the parts, which aren't reachable by a traditional spray system (tinted, deep foldings, junctions, ...) and it is used in industrial vehicles, tractors, air-conditioning, heating units, ... The cathodesis process and the following finishing cycles, enamels or powders make the products highly resistant against corrosion.

CATAPHORESIS

A priming system technically advanced, particularly suitable for the pieces requiring high protection against atmospheric agents, with diluted alkalis and acids.

PROCESS

Degreasers, activation, zinc salts phosphating, cathodic electrodeposition with epoxy products modified in immersion and following netting in furnace.

La verniciatura delle superfici metalliche con il processo di cataforesi conferisce ai manufatti elevate caratteristiche di protezione dagli agenti atmosferici.

Essendo un trattamento ad immersione, abbinato all'applicazione di energia elettrica per elettrodeposizione, si ottiene la protezione anticorrosiva anche di quelle parti che non sono raggiungibili con sistema tradizionale a spruzzo (scatolati, piegature profonde, accoppiamenti, ...) e viene impiegato nei diversi settori automobilistico, veicoli industriali, trattori, condizionamento, riscaldamento, ...

Il trattamento di cataforesi e i successivi cicli di finitura, smalto o polvere conferiscono ai manufatti un'elevatissima resistenza alla corrosione.

We can manufacture customized products to drawing; We have a solid background in customizing mounting parts for pneumatic cylinders by modifying our standard parts in order to grant a cheaper and faster supply compared to products obtained from raw material (bars, wire rod etc.). Our production flexibility allows us to make drilling, milling, reaming, grooving works in millimeters or inches to customize your product and supply small lots up to thousands of pieces with short delivery times.

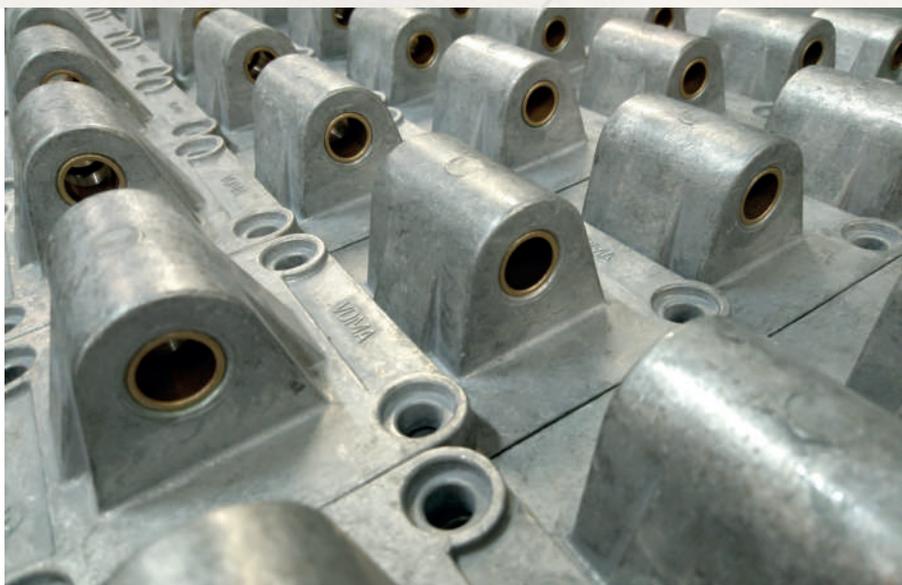
We have 3 main machining departments:

- Turning: we have 4 two-axis lathes with a maximum workable diameter of 350 millimeters. Two of these machines are automated with a robotic loading system;
- Milling: we have 7 three/four-axis CNC machining centers, up to 10 pallets, with maximum workable dimensions up to 500 mm;
- Transfer: we have 2 CNC transfers for the machining of light alloys, both automated with a robotic piece-holder palletizer.



CERTIFIED PRODUCTS AND QUALITY SERVICES

PRODOTTI CERTIFICATI
E SERVIZI DI QUALITÀ





Our quality system is embodied not only in a range of products certified according to ISO 9001:2015, but also and above all in an appreciated customer service and orientation, able to differentiate ourselves from standardised competition and guarantee the full satisfaction of our customers.

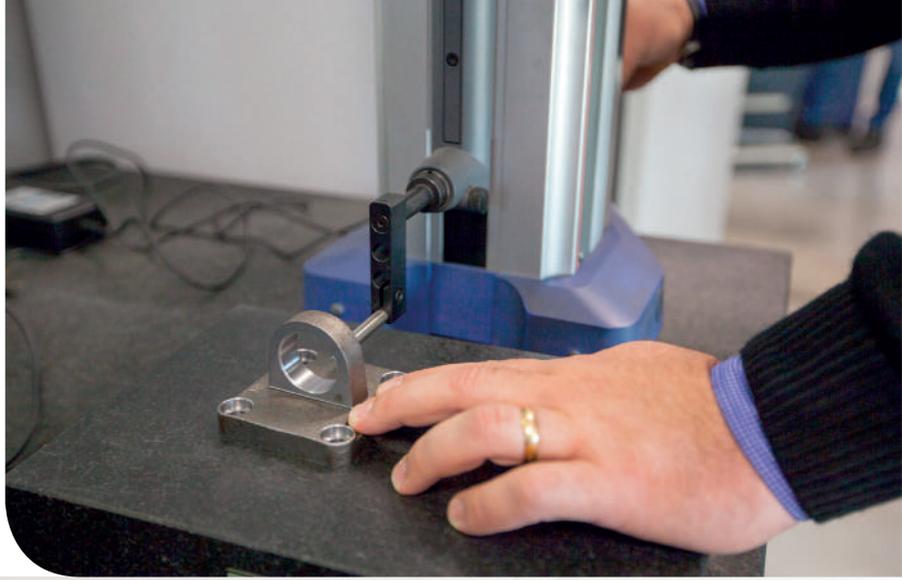
WHY CHOOSE OUR QUALITY SERVICE

- Order entry within 24 hours.
- Prompt customer feedback.
- Warehouse able to process 99.3% of orders on time.
- Execution of product performance tests and production of relative reports.
- 100% Made in Italy production and corporate responsibility.
- Multilingual pre and post-sales support - Italian, English, German, French and Spanish.
- Product traceability and verification of defective parts by coding individual batches.
- Customisation of packaging, accessories and product finishes.

Il nostro sistema di qualità si concretizza non solo in una gamma di prodotti certificati secondo la normativa ISO 9001:2015, ma anche e soprattutto in un servizio apprezzato di assistenza e orientamento al cliente, in grado di differenziarci dalla concorrenza standardizzata e garantire la piena soddisfazione dei nostri clienti.

PERCHÉ SCEGLIERE IL NOSTRO SERVIZIO DI QUALITÀ

- Inserimento degli ordini entro le 24 ore.
- Tempestività nelle risposte al cliente.
- Magazzino in grado di evadere il 99,3% degli ordini nei tempi previsti.
- Esecuzione test di performance del prodotto e produzione report relativi.
- Produzione 100% Made in Italy e responsabilità sociale.
- Assistenza pre e post-vendita multilingua - italiano, inglese, tedesco, francese e spagnolo.
- Tracciabilità del prodotto e verifica pezzi difettosi tramite codificazione dei singoli lotti.
- Personalizzazione del packaging, degli accessori e dei trattamenti di prodotto.



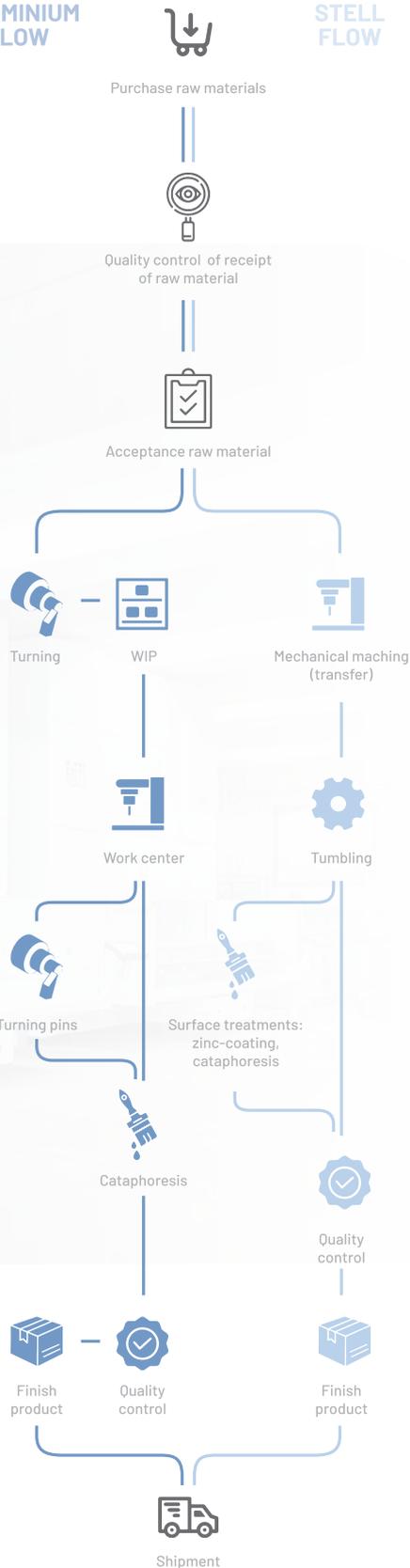
MAN AND MACHINE: A WINNING SYNERGY

UOMO E MACCHINA:
UNA SINERGIA VINCENTE



ALUMINIUM FLOW

STELL FLOW



Continuous investment in state-of-the-art technologies and industrial automation is accompanied at all times by the training and enhancement of people, their skills and experience.

The objective focusses on guaranteeing stability to any business process (production, quality, logistics, administrative, etc.) at all times, meeting the specifications required by the customer and a high degree of technical customisation.

Product traceability within the production cycle is managed through batch codes specific to each processing phase, from the raw material to the finished product.

This system effectively eliminates the risk of error to the advantage of quality: in the presence of a defective piece, we can intercept the exact moment, within the production cycle, in which the problem occurred.

L'investimento continuo in tecnologie di ultima generazione e automazione industriale si accompagna in ogni momento alla formazione e alla valorizzazione delle persone, delle loro competenze e della loro esperienza.

L'obiettivo rimane quello di garantire, in ogni momento, a qualunque processo aziendale (produttivo, di qualità, logistico, amministrativo...) una stabilità conforme alle specifiche richieste dal cliente e un grado di personalizzazione tecnica elevata.

La tracciabilità del prodotto all'interno del ciclo produttivo è gestita tramite codici di lotto specifici per ogni fase di lavorazione, dal materiale grezzo fino al prodotto finito.

Questo sistema consente di eliminare efficacemente il rischio d'errore a tutto vantaggio della qualità: in presenza di un pezzo difettoso, siamo in grado di intercettare il momento esatto, all'interno del ciclo produttivo, in cui si è verificato il problema.

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NR[®]
srl
NISOLI
MOUNTING PARTS
FOR PNEUMATIC CYLINDERS

NR di Nisoli srl con unico socio

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