

2

*To clamp workpieces
of unusual dimension!*

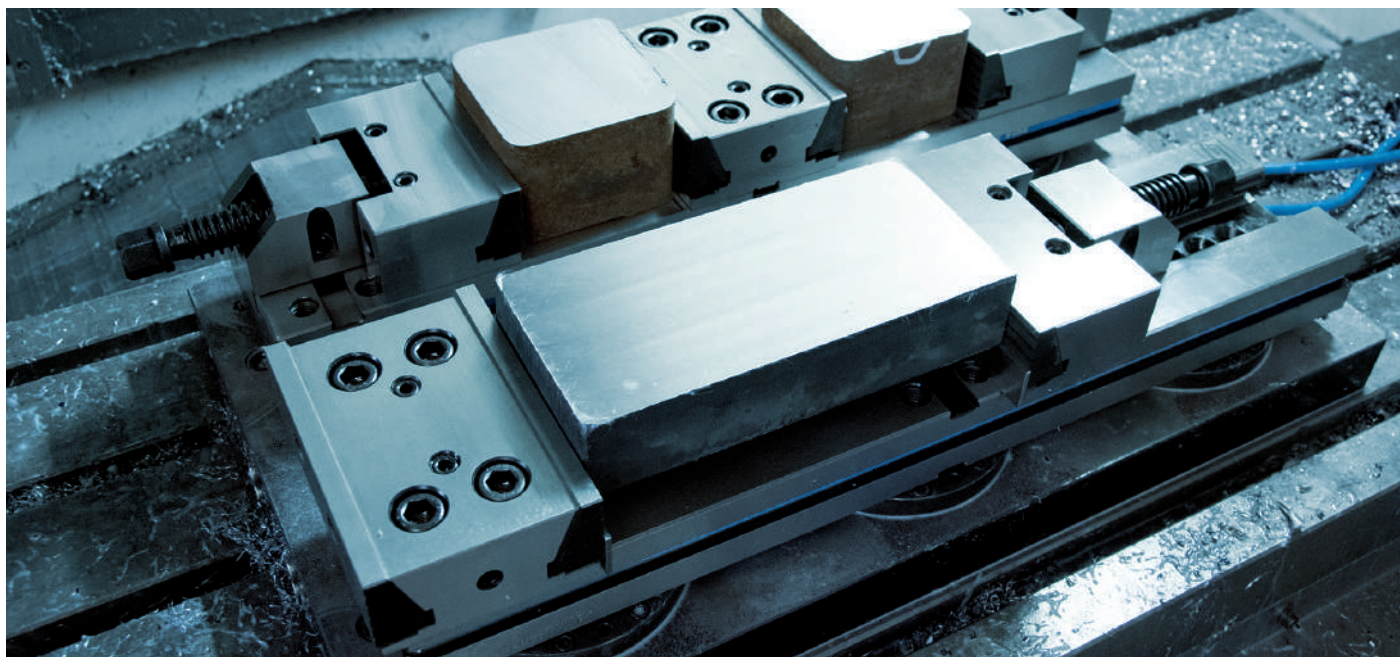
XL - XLFLEX

Morse e Cubi / Vises & Vise Towers

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2

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SIMBOLOGIA DATI TECNICI

TECHNICAL DATA ICONS

| | | | | | | | | | | | | |
|---|--------------------------|-------------------|--|--|---|---|--|--|---|--|--|--------------------------|
| GANASCE JAWS | | | | | | | POSSIBILITÀ POSSIBILITY | | | | | |
| | Fissa Fixed | Mobile Movable | Intermedia Intermediate | Fissa con piastra singola Fixed with single plate | Fissa con piastra doppia Fixed with double plate | Ganasce sovrapponibili Stack Type Jaws | | Serraggio di 1 particolare Clamping only 1 piece | Serraggio di 2 particolari Clamping 2 pieces | Montaggio sul fianco o in serie Side mounting or gang operation | Predisposizione Zero Point Zero Point ready | Cubi-morsa Vise tower |
| PIASTRE GANASCE JAW PLATES | | | | | | PAGINE PAGES | | | | | | |
| | Discendente Pull down | Piana Straight | Cambio rapido manuale Quick manual change | GRIP integrate integral GRIP | Inseri GRIP GRIP Inserts | | Accessori & Ricambi Accessories & Spare Parts | Istruzioni corretto utilizzo Instruction for a proper use | Diagrammi forze di serraggio Clamping force diagrams | | | |

OPZIONI LAVORAZIONI EXTRA

OPTIONS FOR EXTRA MACHINING

Nei codici, **STD** si riferisce agli articoli dei gruppi 1, 2 e 3.
 In codes, **STD** refers to articles in groups 1, 2 and 3.

| Lavorazione extra Extra machining | Cod. | Lavorazione extra Extra machining | Cod. |
|--|-------------|--|-------------|
| AGGIUNTA di un foro calibrato ADDITION of a calibrated hole | MAN-010-STD | MONTAGGIO SEMPLICE SIMPLE ASSEMBLY | MAN-060-STD |
| AGGIUNTA di una chiave calibrata ADDITION of a calibrated key-way | MAN-020-STD | MONTAGGIO ed ALLINEAMENTO (Standard) (Standard) ASSEMBLY and ALIGNMENT | MAN-070-STD |
| PREDISPOSIZIONE SEMPLICE SIMPLE SET UP | MAN-030-STD | MONTAGGIO VERTICALE COMPLETE VERTICAL ASSEMBLY | MAN-080-STD |
| PREDISPOSIZIONE & MONTAGGIO COMPLETO COMPLETE SET UP & MOUNTING | MAN-040-STD | ALLINEAMENTO e CONTROLLO tramite DEA ALIGNMENT and CONTROL by DEA \ CMM | MAN-090-STD |
| MONTAGGIO PARZIALE PARTIAL ASSEMBLY | MAN-050-STD | TABULATO controllo DEA PRINTOUT DEA control | MAN-100-STD |

Vedi pagina 2.34 per esempi applicativi - See page 2.34 for application examples

Morse / Vises

XL EXTRA LONG BASES

Come le morse Standard, ma con la base **mooolto** più lunga!
 As the Standard vises but with a **loooonger** base



Precisione / Accuracy
 $\pm 0,02\text{mm}$



Durezza / Hardened
HRC 58±2

Grazie all'accurata scelta dei materiali impiegati ed allo studio dimensionale computerizzato dei componenti. Costruzione completamente in speciali leghe di acciaio ad alta resistenza, normalizzato, cementato e temprato con durezza 58 ±2 HRC. Tutto ciò al fine di conferire massima rigidità, elevate prestazioni e usura inesistente. A riprova di tutto ciò assicuriamo **5 ANNI DI GARANZIA** su tutto il programma morse e organi meccanici in genere.

Thanks to the manufacturing with only the most suitable materials and to the structure of the vise components (developed using computer customised softwares and the experience gained during many years spent working on the specific field). High alloyed quality resistance steel, case hardened HRC 58 ±2, is used in manufacturing all the Gerardi vises and accessories in order to give maximum rigidity, high performances and no wear. As evidence we give **5 YEARS WARRANTY** on all the vises and mechanical components.

MODULARITÀ / MODULARITY

Tutte le morse ed accessori sono elementi componibili, intercambiabili e perfettamente allineabili fra loro e con i quali è possibile ottenere differenti soluzioni di bloccaggio. Secondo tale principio l'unico elemento che differenzia le attrezzature con identica larghezza di presa è la base (la cui lunghezza determina la massima apertura della morsa), mentre gli altri componenti sono identici. Mediante l'aggiunta o semplice sostituzione di alcuni particolari si può variare la tipologia di bloccaggio secondo le proprie esigenze utilizzando la stessa attrezzatura acquistata in un primo momento (bloccaggi singoli, con base girevole, doppi, verticali, di pezzi piani, tondi, piatti e grezzi, manuali, idraulici o pneumatici).

All vises and accessories are modular and components of all our vises will interchange with perfect alignment to provide different workholding solutions. With this basic principle the only difference between fixtures with the same width of clamping is the base (whose length determines the maximum opening of the vise), while the rest of components have same dimensions. Through the simple addition or substitution of some particulars You can change the type of clamping as Your needs require using the same fixture purchased before (single clamping, swivel base, double, vertical, smooth or round or flat or rough workpieces, manual, hydraulic or pneumatic).

DESIGN COMPATTO / SPACE SAVING DESIGN

La semplicità nonché la compattezza costruttiva consentono un'apertura notevole rispetto all'ingombro totale dell'attrezzatura. Inoltre lo stesso peso (solo 25 kg per una morsa da 150 mm di larghezza ganasce) è tale da consentire un facile trasferimento da una macchina all'altra.

The space saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vise. Furthermore the weight (only 25 kg for a 150 mm jaw width vise) allows a simple moving from one machine to another.

SERRAGGI RAPIDI / QUICK CLAMPING

Grazie allo scorrimento del gruppo di serraggio nella guida della base (a cremagliera) fino in prossimità del pezzo da lavorare dove si adatterà automaticamente alla nicchia più vicina. L'operazione di serraggio si conclude agendo sulla vite di bloccaggio. Oltre a quello manuale meccanico, sono disponibili 4 ulteriori sistemi di serraggio intercambiabili e indipendenti: 1 - Idraulici / 2 - Pneumatici / 3 - Idraulici manuali / 4 - Idraulici elettrici. L'operazione è in termini di secondi.

Thanks to the clamping device sliding in the vise base slide (compact rack type) till the proximity of the workpiece. The clamping is completed with the main screw. Besides the manual mechanic system, 4 further interchangeable and independent clamping systems are available: 1- Hydraulic / 2- Pneumatic / 3- Manual hydraulic / 4- Electrical hydraulic. The change needs only few seconds.



Ganascia monoblocco
 Solid Guided Jaws

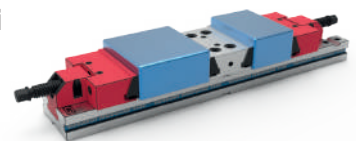
Entrambe le ganasce sono costruite in corpo unico (non esistono slitte o tasselli di fissaggio) per garantire una maggiore rigidità e nessuna flessione. Entrambe le piastre ganasce sono costruite con un **angolo di spinta verso il basso**. Ciò assicura, nel momento della chiusura, una trazione del pezzo contro la base della morsa (per trascinamento) e di conseguenza un bloccaggio sicuro e preciso.

Both jaws bodies are built in one solid piece (no slides or key-nuts); in order to guarantee higher rigidity & no bendings. Both jaw plates are manufactured with a **pull down angle**. This ensures, during the clamping operation, a downward run of the workpiece against the vise base (by dragging) and thus a precise and safety clamping

Serraggi indipendenti

Independent Clamping

Due Gruppi di serraggio indipendenti
 Two independent clamping devices



Ganacce fisse doppie

Double Fixed Jaws

Ganacce fisse doppie posizionabili sia al centro (per serraggi doppi), sia all'estremità della base (per serraggi singoli di particolari di grosse dimensioni). La morsa XL doppia permette la lavorazione di un numero maggiore di pezzi sfruttando al massimo la lunghezza della tavola della macchina utensile.

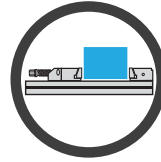
Double fixed jaw position both in the center of the vise base (for double clamping) and at the end (for single big workpieces Clamping). Double XL vise allows to machine more workpieces using the total length of the machine tool, this means to increase productivity of the workpiece and of the machine



Quando lo spazio sulla tavola della macchina è limitato le morse XL sono la risposta per avere due morse in una trasformandosi rapidamente da morsa a doppio serraggio a morsa singola aumentando l'apertura di serraggio. La morsa XL doppia permette la lavorazione di un numero maggiore di pezzi sfruttando al massimo la lunghezza della tavola della macchina utensile, ciò significa aumentare la produttività delle fasi attive del ciclo e di macchina stessa in quanto abbiamo

La versione XL singola permette il serraggio di pezzi di dimensioni insolite e di piastre (con le appropriate ganasce). La notevole gamma di dimensioni e lunghezze delle basi garantisce il soddisfacimento delle più svariate necessità nonché una rigidità notevole dell'attrezzatura. A richiesta tutte le morse sono fornibili con tasselli di riferimento di varie grandezze o con fori calibrati.

Space on the machine table is sometimes limited: XL vises enable to have 2 vises in 1 because they can quickly change from double vise to single vise with very large opening. Double XL vise allows to machine more workpieces using the total length of the machine tool, this means to increase productivity of the workcycle and of the machine. Single XL vise allows to clamp pieces of unusual dimensions and plates (with the right jaws). The very wide range of widths and lengths of bases guarantees the satisfaction of the widest variety of works and a big rigidity of the fixture too. In conclusion all this allows to reduce to a minimum dead times/interruptions and consequently faster payback period of machines and fixtures. On request all vises can be supplied with key-nuts of different sizes or with ground holes.



SCAN IT TO SEE



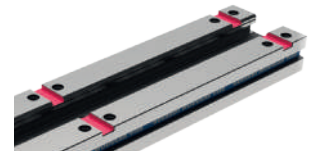
THE WEB PAGE



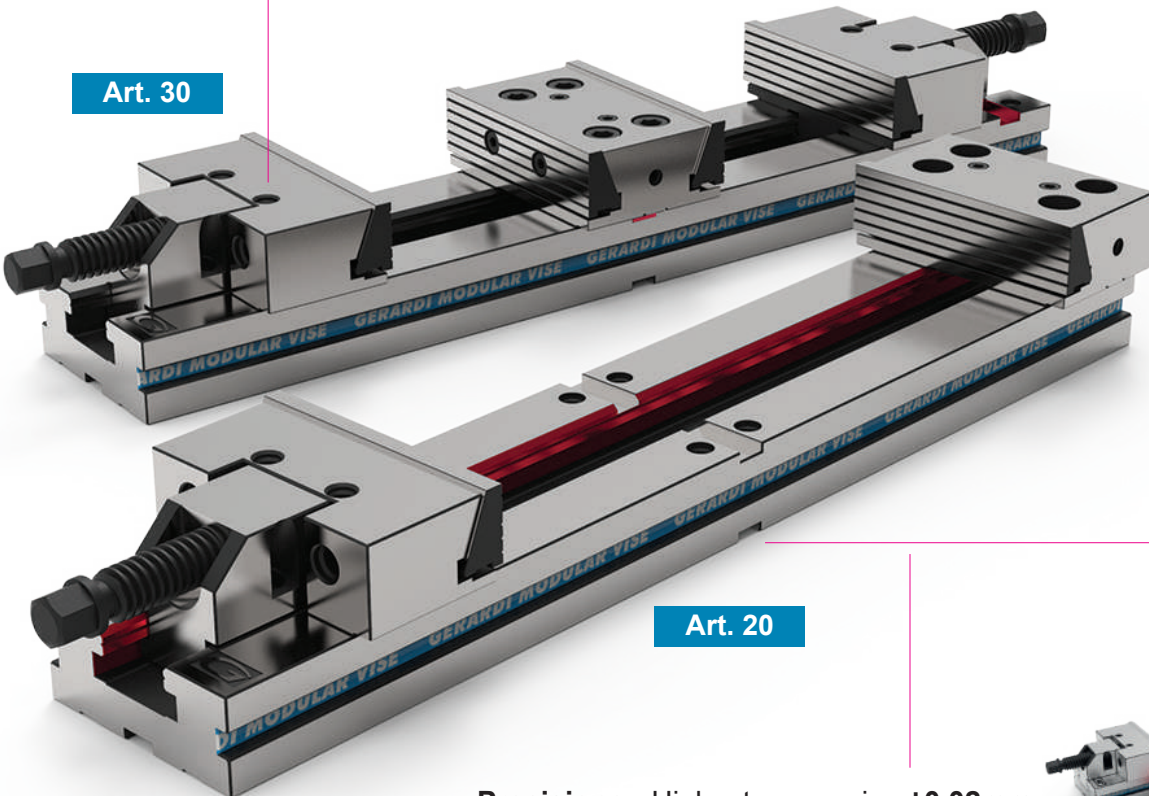
Ideali per particolari di grandi dimensioni!
To clamp workpieces of unusual dimension!

Chiavette Independent Clamping

Due serie di chiavette per due posizioni alternative delle ganasce fisse doppie
Two different keyways for two alternatives positions of the double fixed jaw



Art. 30



Art. 20



Precisione - Highest accuracies $\pm 0,02\text{mm}$

Slittone base con tutte le superfici di scorrimento ed accoppiamento rettificata. L'allineamento agli assi della macchina avviene grazie alle chiavette longitudinali e trasversali (16H7) o fori di posizionamento ($\varnothing 16\text{mm F7}$), a richiesta, previsti sulla base di ciascuna morsa. Naturalmente tutto ciò consente oltre alle precisioni dichiarate tempi di installazione ristrettissimi.

Solid vise base. Every sliding and coupling surface is ground. Centesimal tolerances are guaranteed by checking cycles with CNC measuring machine. The perfect alignment with the machine axis is given by longitudinal and cross keyways (16H7) or positioning holes ($\varnothing 16\text{ mm F7}$), upon specific request, on the vise base. Of course this allows minimum of set up times and gang operations.

Staffe d'ancoraggio / Vise holding clamps

NEW
2024

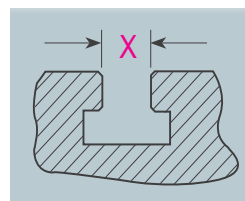
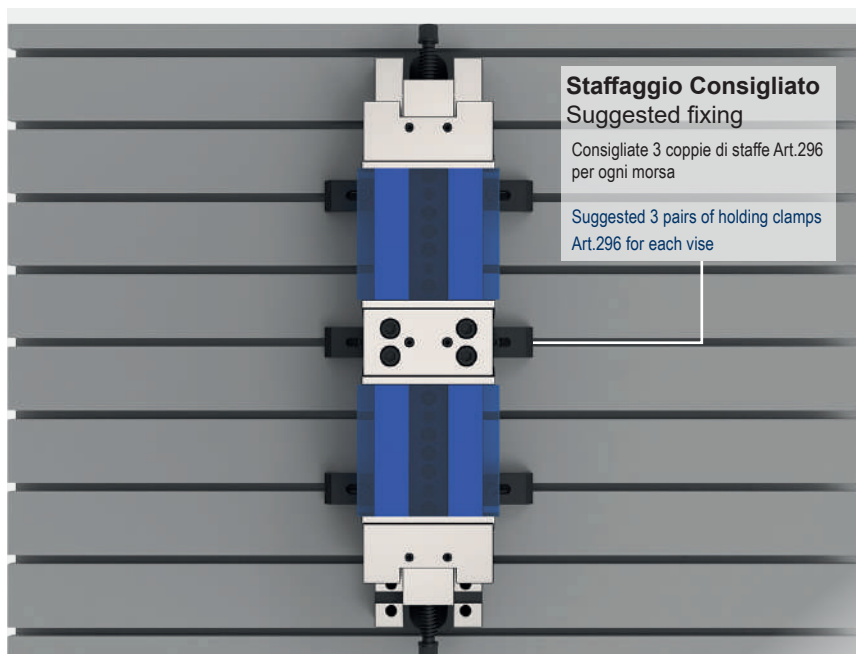
XL extra long bases

Coppia staffe di fissaggio Art.296, complete di vite e dado a "T"
Pair of vise holding clamps Art.296 complete of screw and "T" nuts

Esempio d'ordine per morsa tipo 3 su macchina con cave a T da 18mm: Art.296 T.3 X=18mm
Oppure con codice: 2.29.6300 X=18mm

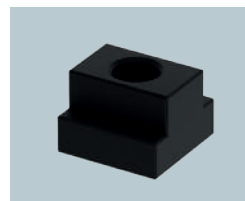
 Order example for Type 3 vise on machine with 18mm T-slots: Art.296 T.3 X=18mm

Also with code: 2.29.6300 X=18mm


Cava a T
T Slot

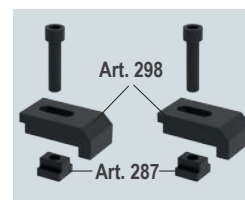
Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension


Art.287 (Pag.4.34)
Dadi a T - T Nuts

Per fissaggio morsa alle cave a T della macchina

For vise clamping on the machine T-slots


Art.296

(Art.296 + Art.287)

Consigliate 3 coppie di staffe Art.296 per ogni morsa

Suggested 3 pairs of holding clamps Art.296 for each vise

| Tipo (grandezza) morsa Vise type (size) | | 1 | | | | 1 - 2 | | | | 3 - 4 | | | | 5 - 6 | | | | | | | | | | | | | | | |
|--|------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----|
| Art. 296 Coppia di staffe Holding clamps pair | Cava a T slot X | 12 | 14 | 16 | 18 | 12* | 14 | 16 | 18 | 20 | 18* | 20 | 22 | 16 | 18 | 20 | 22 | 18* | 20 | 22 | 16 | 18 | 20 | 22 | 18* | 20 | 22 | | |
| | T-nuts Ref. N° | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 20 | 21 | 22 | 32 | 33 | 34 | 20 | 21 | 22 | 23 | 32 | 33 | 34 | 20 | 21 | 22 | 23 | 32 | 33 | 34 | |
| | Filetto vite Screw thread | M8 | | | | M10 | | | | M12 * | | | | M16 | | | | M12 * | | | | M16 * | | | | | | | |
| 1 X M8 | A | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 76 | 76 | 76 | 76 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| | B | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 30 | 30 | 30 | 30 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Ø D | 8,5 | 11 | 13 | 17 | 11 | 13 | 17 | 17 | 13 | 17 | 17 | 17 | 13 | 17 | 17 | 17 | 13 | 17 | 17 | 17 | 13 | 17 | 17 | 17 | 13 | 17 | 17 | 17 |
| | E | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 13 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | Ø F | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | G | 14 | 16 | 17,5 | 19 | 16 | 17,5 | 19 | 19 | 17 | 16 | 16 | 16 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | G1 | 17 | 15 | 13 | 9 | 15 | 13 | 9 | 9 | 22 | 15 | 15 | 15 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | H | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 42 | 42 | 42 | 42 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | I | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | J | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | T ± 0,1 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 20 | 20 | 20 | 20 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | Cod. | 2.29.61000 / M8 | 2.29.61000 / M10 | 2.29.61000 / M12 | 2.29.61000 / M16 | 2.29.61000 / M10 | 2.29.61000 / M12 | 2.29.61000 / M16 | 2.29.61000 / M16 | 2.29.63000 / M12 | 2.29.63000 / M12 | 2.29.63000 / M12 | 2.29.63000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | 2.29.65000 / M12 | |

*Scelta consigliata - Suggested choice

*Scelta NON consigliata - NO Suggested choice

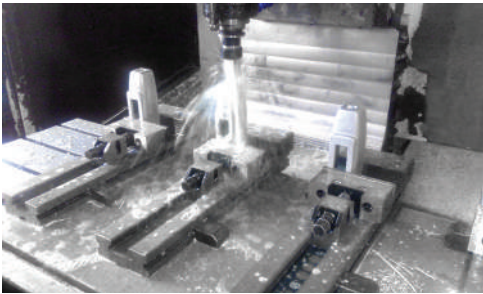
Soluzioni personalizzate / Customized solutions

XL extra long bases

2

Soluzioni personalizzate a tutti i vostri problemi di serraggio

Customized solutions for all your clamping problems

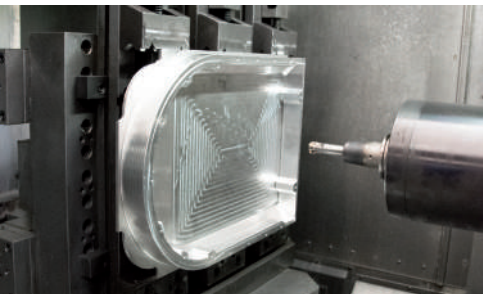


Morse XL

XL Vises

Morse XL montate orizzontalmente per lavorazioni su centro verticale

XL modular vises horizontally assembled for vertical machining centre

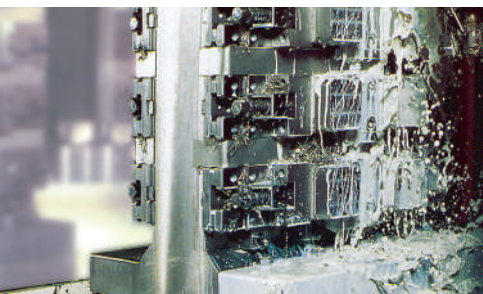


Morse XL

XL Vises

Morse XL montate verticalmente su cubo portapezzi per lavorazioni su centro orizzontale

XL Vises vertically assembled on a tombstone for horizontal machining centre.

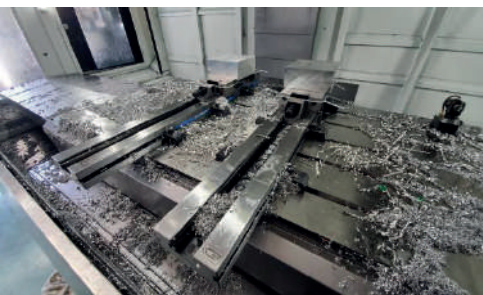


Morse XL

XL Vises

Morse XL doppie montate su spalla in orizzontale

XL double vises horizontally assembled on a 2 sides tombstone



Versione singola

Single version

La versione XL singola permette il serraggio anche di pezzi di dimensioni insolite

Single XL vise allows to clamp also pieces of unusual dimensions



Morse modulari

Modular Vises

Tutte le morse ed accessori sono componibili fra loro e con tali accessori è possibile trasformare o riconfigurare la morsa per ottenere differenti soluzioni di serraggio

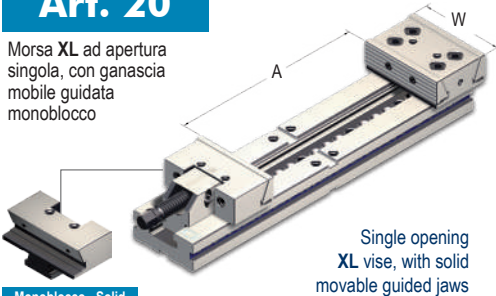
All vises and accessories are modular and components of all our vises will interchange with perfect alignment to upgrade your vise and provide different workholding solutions

2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN |
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| | W | 100 | 125 | 150 | | 175 | | | |
| | B | 30 | 40 | 50 | | 60 | | | |
| | C | 35 | 40 | 50 | | 58 | | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | 145 | | | |
| | kg | 10 | 17 | 32 | 35 | 47 | 52 | 56 | 61 |
| | Cod. | 3.21.00000 | 3.22.10000 | 3.23.20000 | 3.23.30000 | 3.24.20000 | 3.24.30000 | 3.24.40000 | 3.24.50000 |

Art. 20

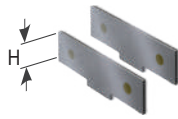
Morsa XL ad apertura singola, con ganascia mobile guidata monoblocco



Single opening XL vise, with solid movable guided jaws

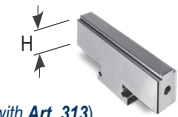
Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 4.31.3100C | 4.31.3200C | 4.31.3300C | 4.31.3400C |
| H | 23 | 33 | 43 | 53 |

Art. 212

 Ganascia mobile intermedia
 (da usare con Art. 313)
 Intermediate movable jaw (to be used with Art. 313)


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|------|------------|------------|------------|------------|

Art. 217

 Ganascia mobile prismatica
 Prismatic movable jaw


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 2.21.71000 | 2.21.72000 | 2.21.73000 | 2.21.74000 |
|------|------------|------------|------------|------------|

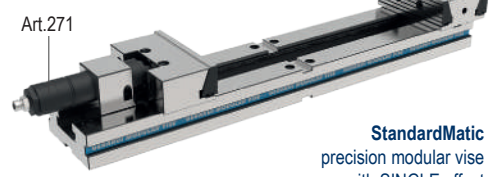
Art. 242G

 Piastra ganascia con inserti GRIP completa di parallela magnetica
 Jaw plate with GRIP inserts with magnetic parallel


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.24.2G100 | 1.24.2G200 | 1.24.2G300 | 1.24.2G400 |
|------|------------|------------|------------|------------|

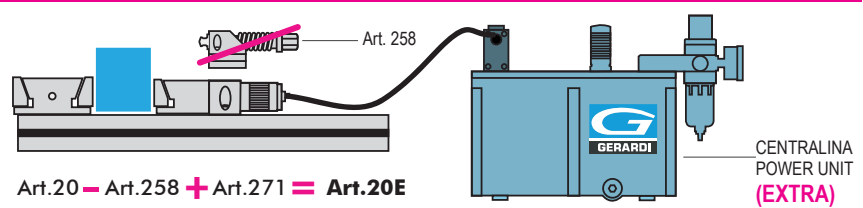
Art. 20E
NEW 2024

Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto



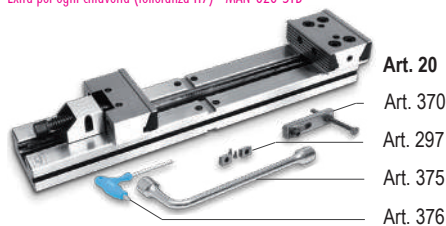
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

| | | | | |
|------|--|--|--|--|
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|

MORSE StandardMatic


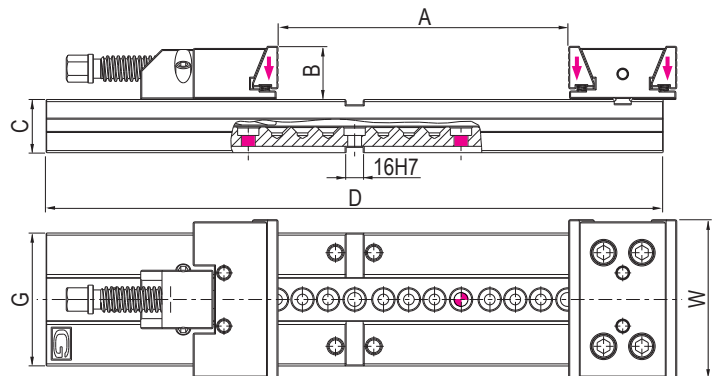
Dotazione standard:

- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD
 Extra per ogni chiavevta (tolleranza H7) - MAN-020-STD



Standard equipment:

- 1 workstop Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

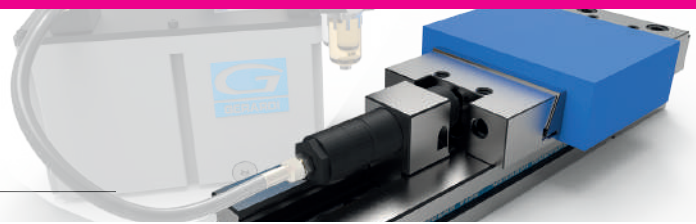


| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 200 | | | | | 300 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 64 | 69 | 74 | 79 | 84 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| Cod. | 3.25.20000 | 3.25.30000 | 3.25.40000 | 3.25.50000 | 3.25.60000 | 3.26.20000 | 3.26.30000 | 3.26.40000 | 3.26.50000 | 3.26.60000 | 3.26.70000 | 3.26.80000 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

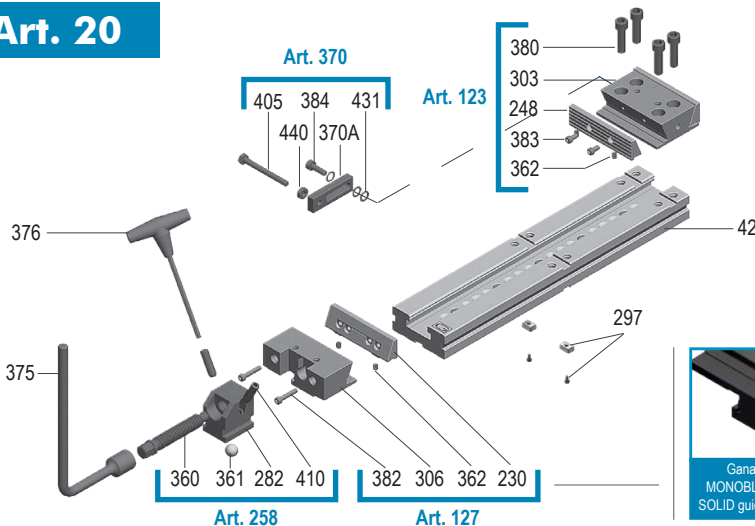
| | | | |
|------------|--|--|------------|
| 4.31.3500C | Art. 313 | | 4.31.3600C |
| 53 | | | 68 |
| 1.21.25000 | Art. 212 | | 1.21.26000 |
| | | | |
| 2.21.75000 | Art. 217 | | 2.21.76000 |
| | | | |
| 1.24.2G500 | Art. 242G | | 1.24.2G600 |
| | | | |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | |

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 20



| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 375 | 4.35 |
| 230 | 4.9 | 376 | 4.35 |
| 248 | 4.9 | 380 | 4.28 |
| 282 | 4.36 | 382 | 4.28 |
| 297 | 4.34 | 383 | 4.28 |
| 303 | 4.29 | 384 | 4.28 |
| 306 | 4.29 | 405 | 4.35 |
| 360 | 4.36 | 410 | 4.36 |
| 361 | 4.36 | 431 | 4.28 |
| 362 | 4.28 | 440 | 4.28 |
| 370A | 4.35 | - | - |

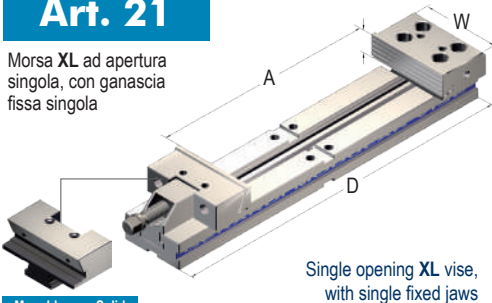


Tipo (grandezza) morsa / Vise type (size)

| | kN | 1 16 kN | 2 25 kN | 3 30 kN | 4 30 kN | | | | |
|-----------------------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| | W | 100 | 125 | 150 | | 175 | | | |
| | B | 30 | 40 | 50 | | 60 | | | |
| | C | 35 | 40 | 50 | | 58 | | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | 145 | | | |
| | kg | 10 | 17 | 32 | 35 | 47 | 52 | 56 | 61 |
| | Cod. | 2.21.12900 | 2.21.23200 | 2.21.33600 | 2.21.34600 | 2.21.44000 | 2.21.45000 | 2.21.46000 | 2.21.47000 |

Art. 21

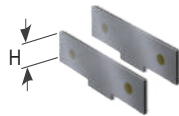
Morsa XL ad apertura singola, con ganasca fissa singola



Single opening XL vise, with single fixed jaws

Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| Cod. | 4.31.3100C | 4.31.3200C | 4.31.3300C | 4.31.3400C |
|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 |

Art. 212

 Ganasca mobile intermedia
 (da usare con Art. 313)
 Intermediate movable jaw (to be used with Art. 313)


| Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|------|------------|------------|------------|------------|
| | | | | |

Art. 217

 Ganasca mobile prismatica
 Prismatic movable jaw


| Cod. | 2.21.71000 | 2.21.72000 | 2.21.73000 | 2.21.74000 |
|------|------------|------------|------------|------------|
| | | | | |

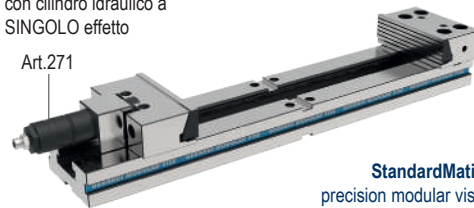
Art. 242G

 Piastra ganasca con inserti GRIP completa di parallela magnetica
 Jaw plate with GRIP inserts with magnetic parallel


| Cod. | 1.24.2G100 | 1.24.2G200 | 1.24.2G300 | 1.24.2G400 |
|------|------------|------------|------------|------------|
| | | | | |

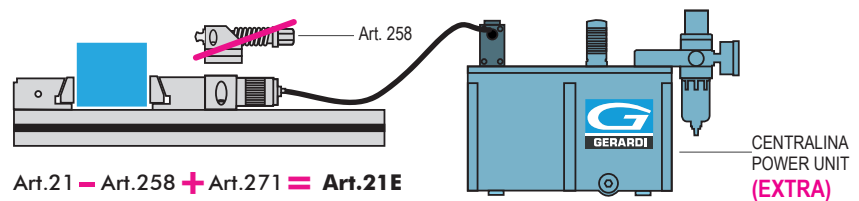
Art. 21E
NEW 2024

Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto



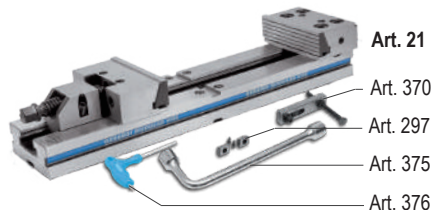
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|
| | | | | |

MORSE StandardMatic


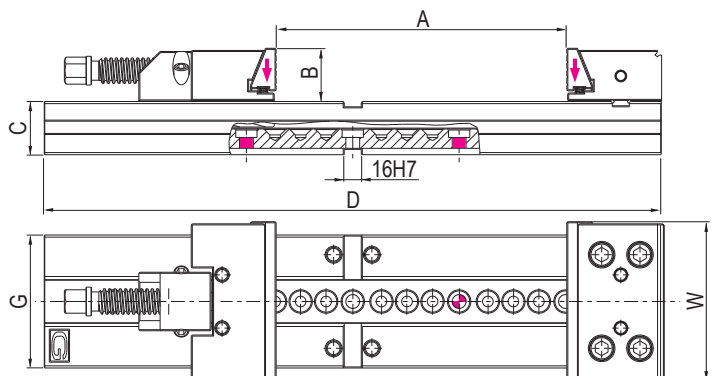
Dotazione standard:

- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD
 Extra per ogni chiavevotta (tolleranza H7) - MAN-020-STD



Standard equipment:

- 1 workshop Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 200 | | | | | 300 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 64 | 69 | 74 | 79 | 84 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| Cod. | 2.21.55000 | 2.21.56000 | 2.21.57000 | 2.21.58000 | 2.21.59000 | 2.21.65000 | 2.21.66000 | 2.21.67000 | 2.21.68000 | 2.21.69000 | 2.21.61000 | 2.21.61100 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

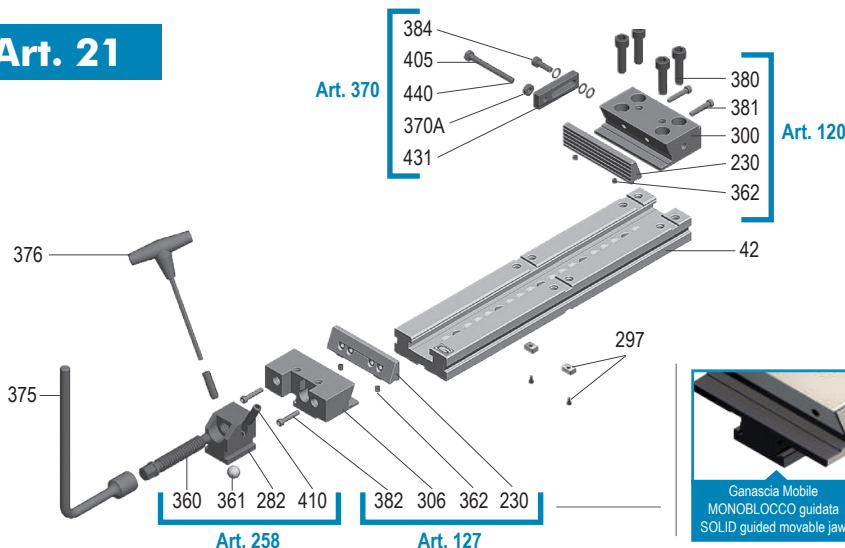
| | | | |
|------------|--|--|------------|
| 4.31.3500C | Art. 313 | | 4.31.3600C |
| 53 | | | 68 |
| 1.21.25000 | Art. 212 | | 1.21.26000 |
| 2.21.75000 | Art. 217 | | 2.21.76000 |
| 1.24.2G500 | Art. 242G | | 1.24.2G600 |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | |

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 21



| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 375 | 4.35 |
| 230 | 4.9 | 376 | 4.35 |
| 248 | 4.9 | 380 | 4.28 |
| 282 | 4.36 | 382 | 4.28 |
| 297 | 4.34 | 383 | 4.28 |
| 300 | 4.29 | 384 | 4.28 |
| 306 | 4.29 | 405 | 4.35 |
| 360 | 4.36 | 410 | 4.36 |
| 361 | 4.36 | 431 | 4.28 |
| 362 | 4.28 | 440 | 4.28 |
| 370A | 4.35 | - | - |

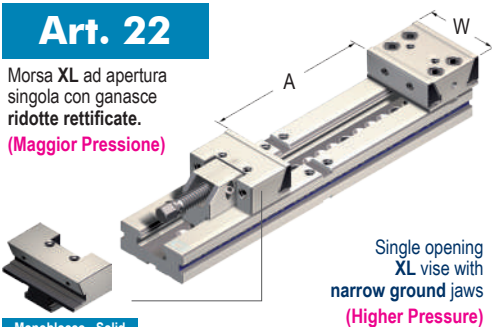


2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | |
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| | W | 75 | 95 | 125 | | | 145 | | |
| | B | 30 | 40 | 50 | | | 60 | | |
| | C | 35 | 40 | 50 | | | 58 | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | | 145 | | |
| | kg | 9.4 | 15.8 | 29.8 | 32.8 | 44.8 | 49.8 | 54.8 | 59.8 |
| | Cod. | 3.21.00220 | 3.22.10220 | 3.23.20220 | 3.23.30220 | 3.24.20220 | 3.24.30220 | 3.24.40220 | 3.24.50220 |

Art. 22

Morsa XL ad apertura singola con ganasce ridotte rettificate. (Maggior Pressione)

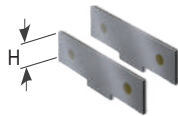


Single opening XL vise with narrow ground jaws (Higher Pressure)

Monoblocco - Solid

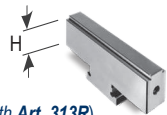
AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313R

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 4.31.3R10C | 4.31.3R20C | 4.31.3R30C | 4.31.3R40C |
| H | 23 | 33 | 43 | 53 |

Art. 213

 Ganasca mobile intermedia (da usare con Art. 313R)
 Intermediate movable jaw (to be used with Art. 313R)


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.21.31000 | 1.21.32000 | 1.21.33000 | 1.21.34000 |
|------|------------|------------|------------|------------|

Art. 218

 Ganasca mobile prismatica
 Prismatic movable jaw


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 2.21.81000 | 2.21.82000 | 2.21.83000 | 2.21.84000 |
|------|------------|------------|------------|------------|

Art. 243G

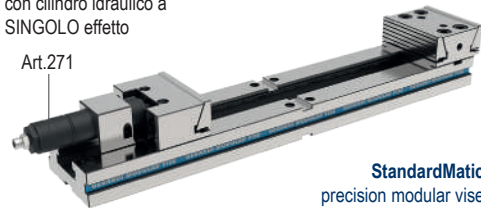
 Piastra ganasca ridotta con inserti GRIP completa di parallela magnetica
 Narrow width jaw plate with GRIP inserts with magnetic parallel


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.24.3G100 | 1.24.3G200 | 1.24.3G300 | 1.24.3G400 |
|------|------------|------------|------------|------------|

Art. 22E

NEW 2024

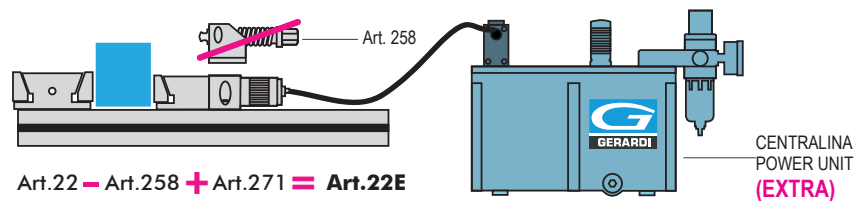
Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

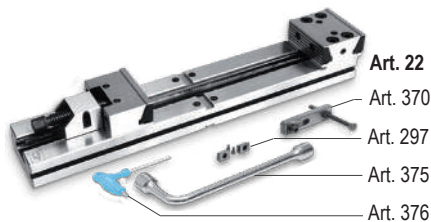
| | | | | |
|------|--|--|--|--|
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|

MORSE StandardMatic



Dotazione standard:

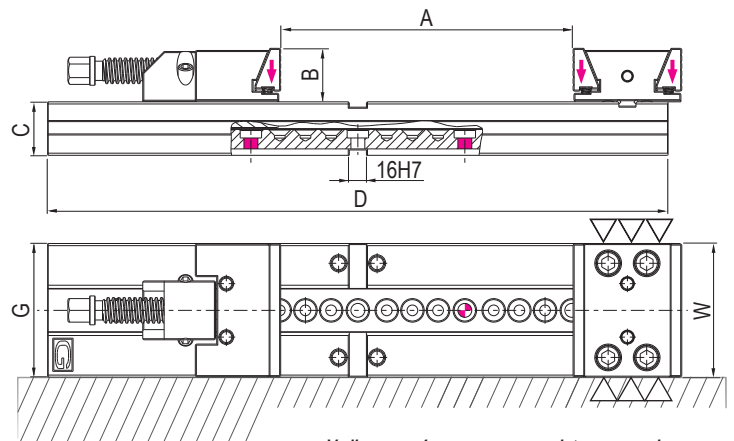
- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 1 workstop Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 box wrench Art. 375 ■ 1 T-wrench Art. 376

Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD : euro 110,00
 Extra charge for each calibrated key nut (H7 tolerance) - MAN-020-STD : euro 110,00

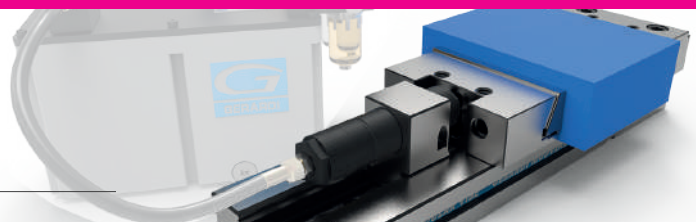

 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 170 | | | | | 195 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 82.5 | 88.5 | 96.5 | 103.5 | 110.5 | 116 | 129 | 139 | 149 | 159 | 169 | 179 |
| Cod. | 3.25.20220 | 3.25.30220 | 3.25.40220 | 3.25.50220 | 3.25.60220 | 3.26.20220 | 3.26.30220 | 3.26.40220 | 3.26.50220 | 3.26.60220 | 3.26.70220 | 3.26.80220 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

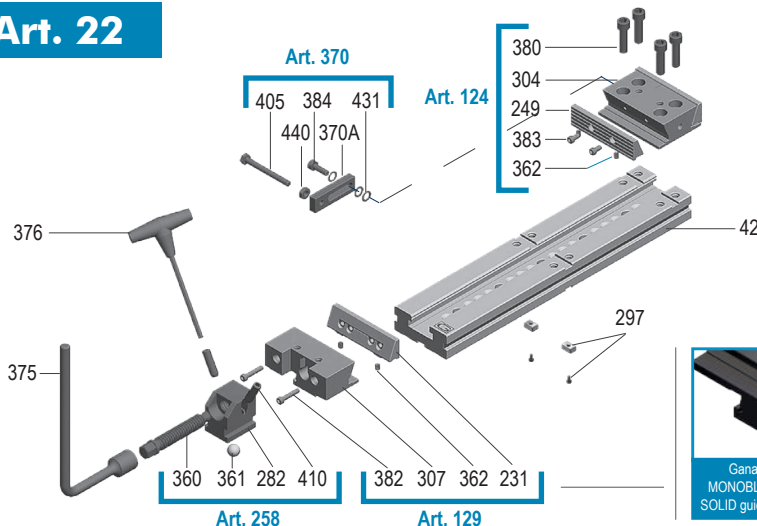
| | | |
|------------------|--|------------|
| 4.31.3R50C | | 4.31.3R60C |
| Art. 313R | | |
| 53 | | 68 |
| 1.21.35000 | | 1.21.36000 |
| Art. 213 | | |
| 2.21.85000 | | 2.21.86000 |
| Art. 218 | | |
| 1.24.3G500 | | 1.24.3G600 |
| Art. 243G | | |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | |

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 22

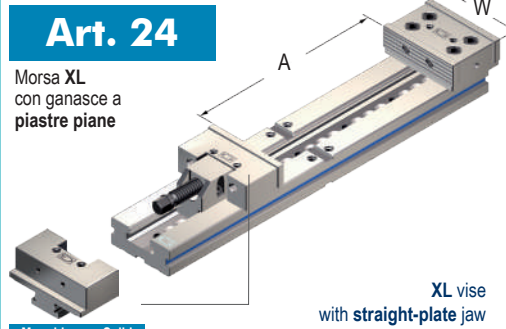


| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 375 | 4.35 |
| 231 | 4.9 | 376 | 4.35 |
| 249 | 4.9 | 380 | 4.28 |
| 282 | 4.36 | 382 | 4.28 |
| 297 | 4.34 | 383 | 4.28 |
| 304 | 4.29 | 384 | 4.28 |
| 307 | 4.29 | 405 | 4.35 |
| 360 | 4.36 | 410 | 4.36 |
| 361 | 4.36 | 431 | 4.28 |
| 362 | 4.28 | 440 | 4.28 |
| 370A | 4.35 | - | - |



2

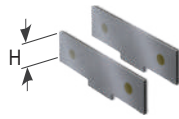
| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN |
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| | W | 100 | 125 | 150 | | | 175 | | |
| | B | 30 | 40 | 50 | | | 60 | | |
| | C | 35 | 40 | 50 | | | 58 | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | | 145 | | |
| | kg | 9.4 | 15.8 | 29.8 | 32.8 | 44.8 | 49.8 | 54.8 | 59.8 |
| | Cod. | 2.24.12900 | 2.24.23200 | 2.24.33600 | 2.24.34600 | 2.24.44000 | 2.24.45000 | 2.24.46000 | 2.24.47000 |



Monoblocco - Solid

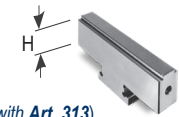
XL vise with straight-plate jaw

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 4.31.3100C | 4.31.3200C | 4.31.3300C | 4.31.3400C |
| H | 23 | 33 | 43 | 53 |

Art. 212

 Ganascia mobile intermedia
 (da usare con Art. 313)
 Intermediate movable jaw (to be used with Art. 313)


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|------|------------|------------|------------|------------|

Art. 246

 Piastra piana in acciaio lavorabile
 Machinable steel straight jaw plate

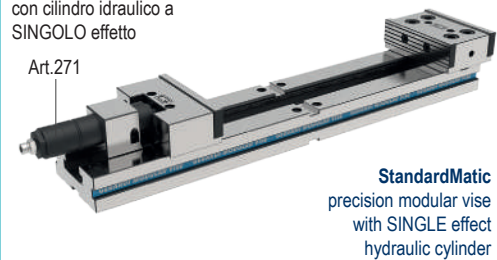

| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.65.16200 | 1.65.26200 | 1.65.36200 | 1.65.46200 |
|------|------------|------------|------------|------------|

Art. 246G

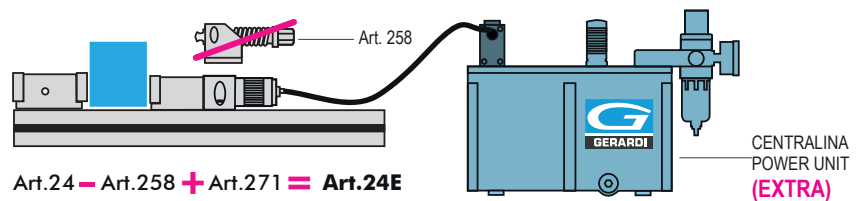
 Piastra ganascia con inserti GRIP
 completa di parallela magnetica
 Jaw plate with GRIP inserts with magnetic parallel


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.24.6G100 | 1.24.6G200 | 1.24.6G300 | 1.24.6G400 |
|------|------------|------------|------------|------------|

Art. 24E
NEW 2024

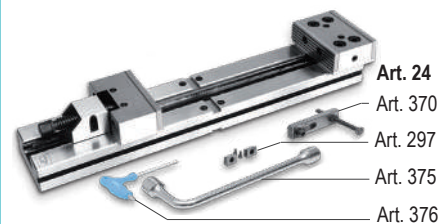
 Morsa modulare StandardMatic
 con cilindro idraulico a
 SINGOLO effetto

 StandardMatic
 precision modular vise
 with SINGLE effect
 hydraulic cylinder

| | | | | |
|------|--|--|--|--|
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|

MORSE StandardMatic


Dotazione standard:

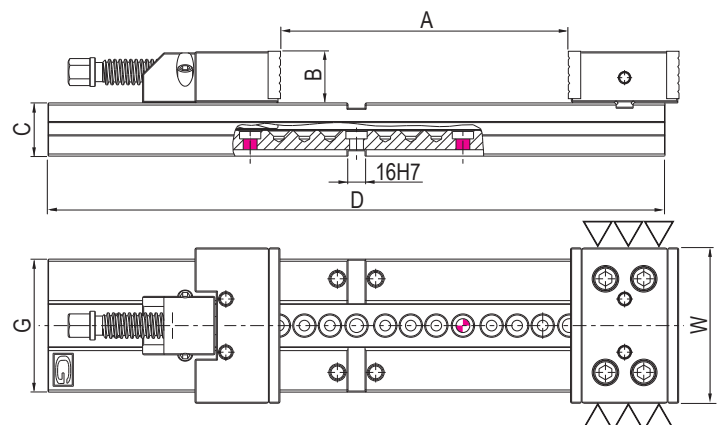
- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 1 workstop Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 box wrench Art. 375 ■ 1 T-wrench Art. 376

Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 200 | | | | | 300 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 82.5 | 88.5 | 96.5 | 103.5 | 110.5 | 116 | 129 | 139 | 149 | 159 | 169 | 179 |
| Cod. | 2.24.55000 | 2.24.56000 | 2.24.57000 | 2.24.58000 | 2.24.59000 | 2.24.65000 | 2.24.66000 | 2.24.67000 | 2.24.68000 | 2.24.69000 | 2.24.61000 | 2.24.61100 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

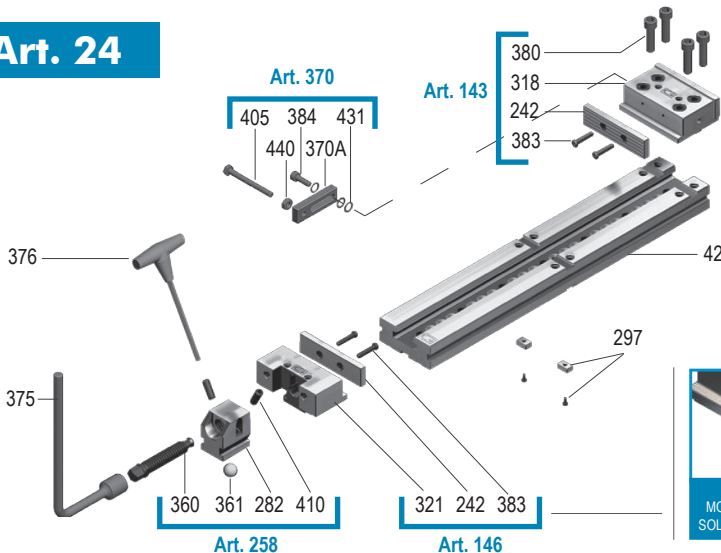
| | | | | |
|------------|--|--|------------|--|
| 4.31.3500C | Art. 313 | | 4.31.3600C | |
| 53 | | | 68 | |
| 1.21.25000 | Art. 212 | | 1.21.26000 | |
| | | | | |
| 1.65.56200 | Art. 246 | | 1.65.66200 | |
| | | | | |
| 1.24.6G500 | Art. 246G | | 1.24.6G600 | |
| | | | | |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |

StandardMatic VISES

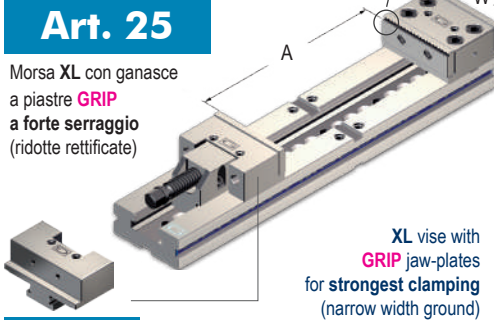


Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 24



| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 380 | 4.28 |
| 242 | 4.11 | 383 | 4.28 |
| 282 | 4.36 | 384 | 4.28 |
| 297 | 4.34 | 405 | 4.35 |
| 318 | 4.30 | 410 | 4.36 |
| 321 | 4.30 | 431 | 4.28 |
| 360 | 4.36 | 440 | 4.28 |
| 361 | 4.36 | - | - |
| 370A | 4.35 | - | - |
| 375 | 4.35 | - | - |
| 376 | 4.35 | - | - |

Tipo (grandezza) morsa
 Vise type (size)


Monoblocco - Solid

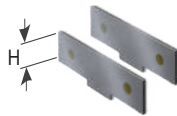
 XL vise with
GRIP jaw-plates
 for strongest clamping
 (narrow width ground)

| | 1 | 2 | 3 | 4 | | | | | |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----|
| | 16 kN | 25 kN | 30 kN | | 30 kN | | | | |
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| W | 75 | 95 | 125 | | 145 | | | | |
| B | 30 | 40 | 50 | | 60 | | | | |
| C | 35 | 40 | 50 | | 58 | | | | |
| D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 | |
| G | 75 | 95 | 125 | | 145 | | | | |
| kg | 9.4 | 15.8 | 29.8 | 32.8 | 44.8 | 49.8 | 54.8 | 59.8 | |
| Cod. | 2.25.12900 | 2.25.23200 | 2.25.33600 | 2.25.34600 | 2.25.44000 | 2.25.45000 | 2.25.46000 | 2.25.47000 | |

Art. 25

 Morsa XL con ganasce
 a piastre **GRIP**
 a forte serraggio
 (ridotte rettificata)

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313R

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 4.31.3R10C | 4.31.3R20C | 4.31.3R30C | 4.31.3R40C |
| H | 23 | 33 | 43 | 53 |

Art. 218

 Ganasce mobile prismatica
 Prismatic movable jaw


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 2.21.81000 | 2.21.82000 | 2.21.83000 | 2.21.84000 |
|------|------------|------------|------------|------------|

Art. 247

 Piastra piana in acciaio lavorabile
 Machinable steel straight jaw plate

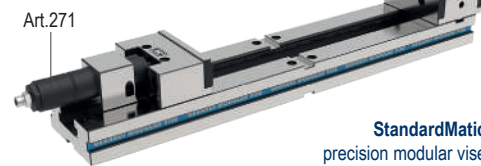

| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.65.17200 | 1.65.27200 | 1.65.37200 | 1.65.47200 |
|------|------------|------------|------------|------------|

Art. 247G

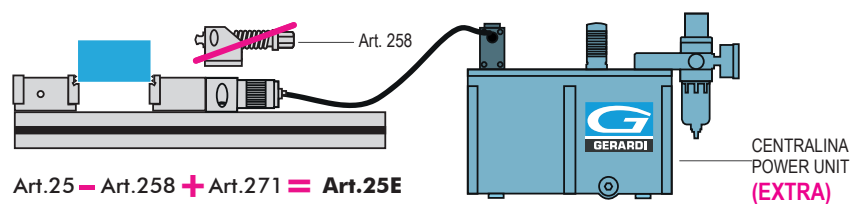
 Piastra ganasce ridotta con inserti GRIP
 completa di parallela magnetica
 Narrow width jaw plate with GRIP inserts with magnetic parallel


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.24.7G100 | 1.24.7G200 | 1.24.7G300 | 1.24.7G400 |
|------|------------|------------|------------|------------|

Art. 25E
NEW
2024

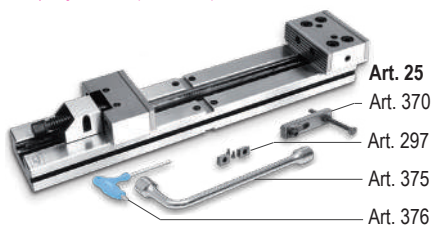
 Morsa modulare **StandardMatic**
 con cilindro idraulico a
 SINGOLO effetto

StandardMatic
 precision modular vise
 with SINGLE effect
 hydraulic cylinder

| | | | | |
|------|--|--|--|--|
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|

MORSE STANDARDMATIC - STANDARDMATIC VISES


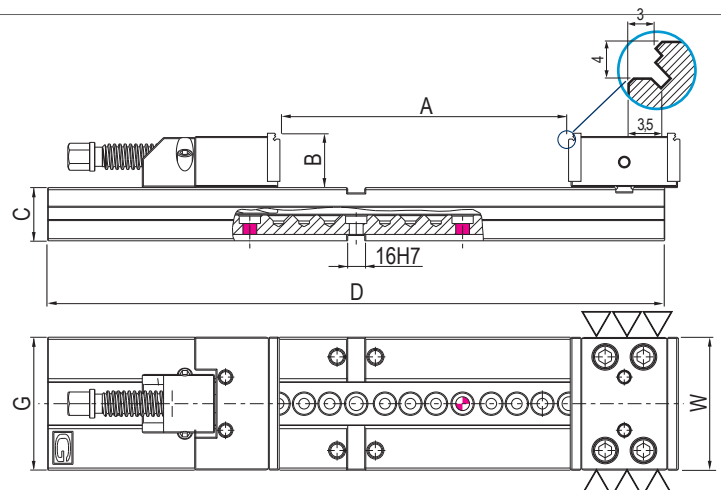
Dotazione standard:

- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 1 workstop Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 170 | | | | | 195 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 82.5 | 88.5 | 96.5 | 103.5 | 110.5 | 116 | 129 | 139 | 149 | 159 | 169 | 179 |
| Cod. | 2.25.55000 | 2.25.56000 | 2.25.57000 | 2.25.58000 | 2.25.59000 | 2.25.65000 | 2.25.66000 | 2.25.67000 | 2.25.68000 | 2.25.69000 | 2.25.61000 | 2.25.61100 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

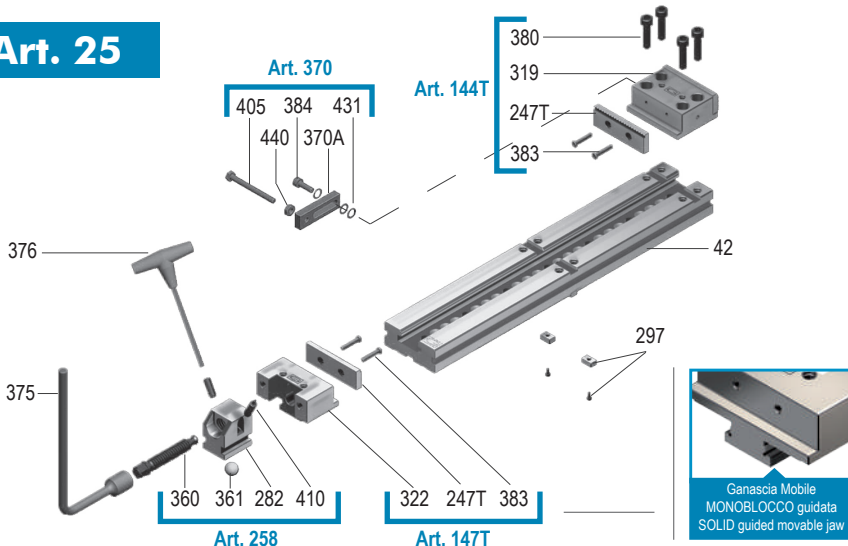
| Art. | Accessories | Art. | Accessories | | | | |
|------------------|--|------|------------------|--|--|--|--|
| Art. 313R | 4.31.3R50C 53 | | 4.31.3R60C 68 | | | | |
| Art. 218 | 2.21.85000 | | 2.21.86000 | | | | |
| Art. 247 | 1.65.57200 | | 1.65.67200 | | | | |
| Art. 247G | 1.24.7G500 | | 1.24.7G600 | | | | |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | | | | |

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 25

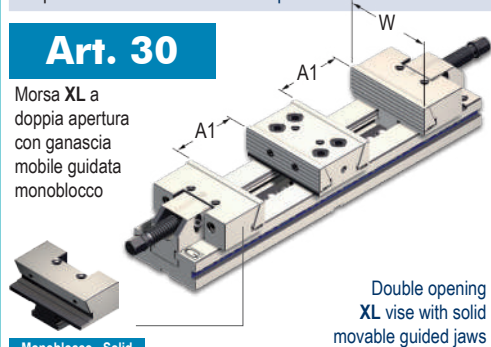


| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 380 | 4.28 |
| 247T | 4.11 | 383 | 4.28 |
| 282 | 4.36 | 384 | 4.28 |
| 297 | 4.34 | 405 | 4.35 |
| 319 | 4.30 | 410 | 4.36 |
| 322 | 4.30 | 431 | 4.28 |
| 360 | 4.36 | 440 | 4.28 |
| 361 | 4.36 | - | - |
| 370A | 4.35 | - | - |
| 375 | 4.35 | - | - |
| 376 | 4.35 | - | - |



2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | |
| Apertura massima / Maximum spread | A1 | 2 x 90 | 2 x 100 | 2 x 110 | 2 x 160 | 2 x 120 | 2 x 170 | 2 x 220 | 2 x 270 |
| Art. 30 | W | 100 | 125 | 150 | | 175 | | | |
| | B | 30 | 40 | 50 | | 60 | | | |
| | C | 35 | 40 | 50 | | 58 | | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | 145 | | | |
| | kg | 14.5 | 21 | 39 | 43 | 59 | 64 | 69 | 74 |
| | Cod. | 3.31.00600 | 3.32.10600 | 3.33.20600 | 3.33.30600 | 3.34.20600 | 3.34.30600 | 3.34.40600 | 3.34.50600 |



Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

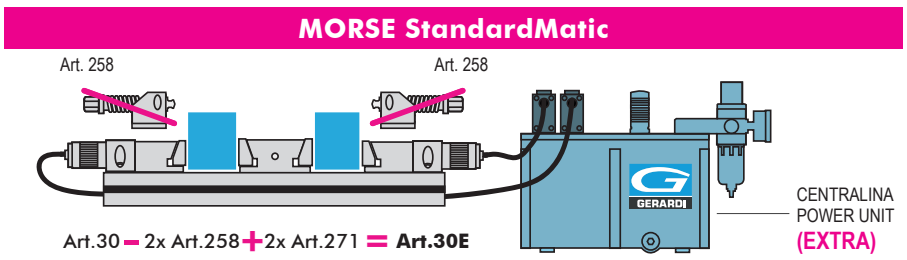
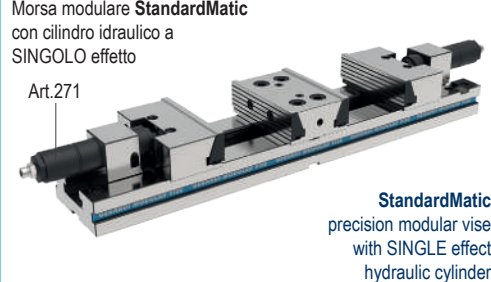
| Art. 313 | Cod. | 4.31.3100C | 4.31.3200C | 4.31.3300C | 4.31.3400C |
|--|------|------------|------------|------------|------------|
| Coppia di Parallele magnetiche Pair of magnetic parallel plates | H | 23 | 33 | 43 | 53 |

| Art. 212 | Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|--|------|------------|------------|------------|------------|
| Ganascia mobile intermedia (da usare con Art. 313) Intermediate movable jaw (to be used with Art. 313) | H | | | | |

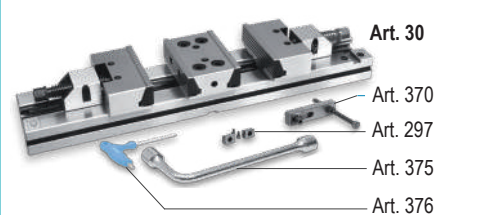
| Art. 217 | Cod. | 2.21.71000 | 2.21.72000 | 2.21.73000 | 2.21.74000 |
|---|------|------------|------------|------------|------------|
| Ganascia mobile prismatica Prismatic movable jaw | | | | | |

| Art. 242G | Cod. | 1.24.2G100 | 1.24.2G200 | 1.24.2G300 | 1.24.2G400 |
|--|------|------------|------------|------------|------------|
| Piastra ganascia con inserti GRIP completa di parallela magnetica Jaw plate with GRIP inserts with magnetic parallel | | | | | |

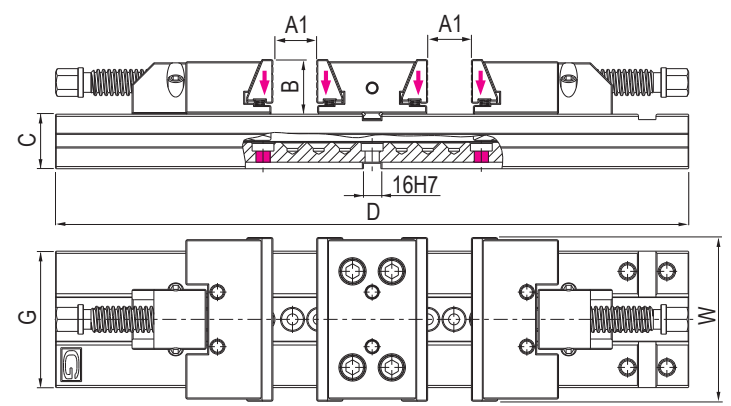
| Art. 30E | Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|---|------|--|--|--|--|
| Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto | | | | | |



- Dotazione standard:
- 2 arresti laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
- Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



- Standard equipment:
- 2 workstops Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
- Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :

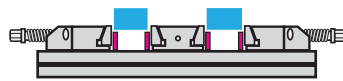


Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A1 | 2 x 150 | 2 x 200 | 2 x 250 | 2 x 300 | 2 x 350 | 2 x 160 | 2 x 210 | 2 x 260 | 2 x 310 | 2 x 360 | 2 x 410 | 2 x 460 |
| W | 200 | | | | | 300 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 96 | 102 | 108 | 114 | 120 | 155 | 163 | 171 | 179 | 187 | 195 | 213 |
| Cod. | 3.35.20600 | 3.35.30600 | 3.35.40600 | 3.35.50600 | 3.35.60600 | 3.36.20600 | 3.36.30600 | 3.36.40600 | 3.36.50600 | 3.36.60600 | 3.36.70600 | 3.36.80600 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

4.31.3500C



4.31.3600C

1.21.25000

Art. 212

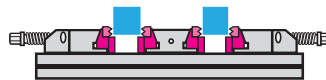

1.21.26000

2.21.75000

Art. 217


2.21.76000

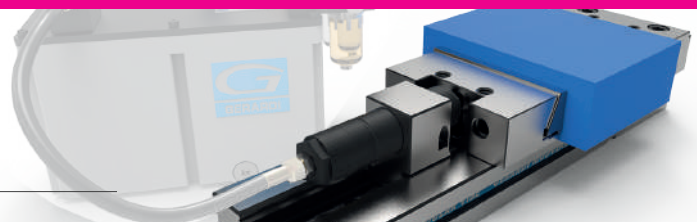
1.24.2G500

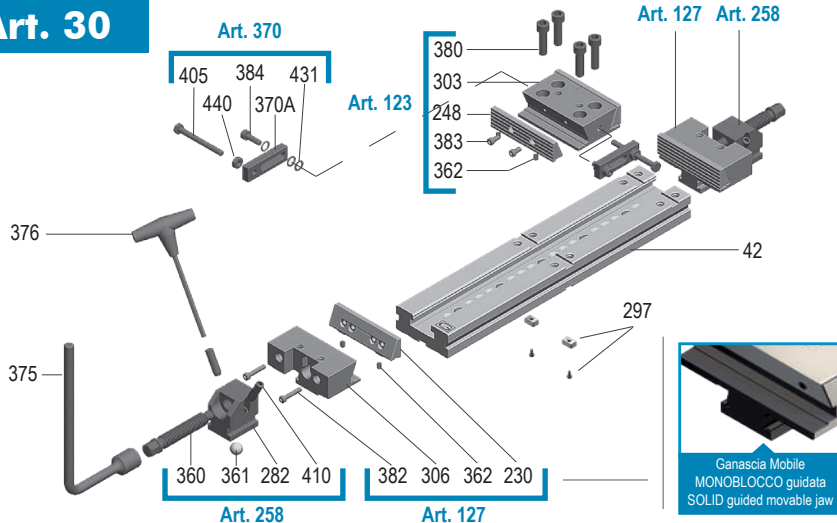
Art. 242G


1.24.2G600

Cod.

Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES

Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
 Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 30


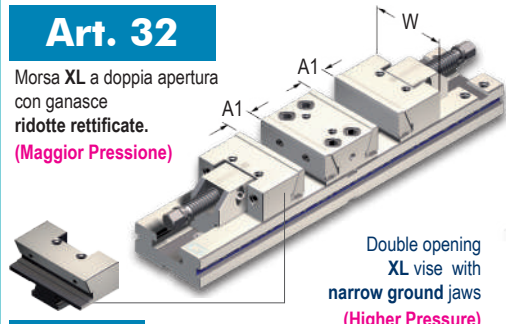
| Art. | Pag. |
|-------------|------|
| 42 | 2.32 |
| 230 | 4.9 |
| 248 | 4.9 |
| 282 | 4.36 |
| 297 | 4.34 |
| 303 | 4.29 |
| 306 | 4.29 |
| 360 | 4.36 |
| 361 | 4.36 |
| 362 | 4.28 |
| 370A | 4.35 |

| Art. | Pag. |
|------------|------|
| 375 | 4.35 |
| 376 | 4.35 |
| 380 | 4.28 |
| 382 | 4.28 |
| 383 | 4.28 |
| 384 | 4.28 |
| 405 | 4.35 |
| 410 | 4.36 |
| 431 | 4.28 |
| 440 | 4.28 |
| - | - |



2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|----|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | |
| Apertura massima / Maximum spread | A1 | 2 x 90 | 2 x 100 | 2 x 110 | 2 x 160 | 2 x 120 | 2 x 170 | 2 x 220 | 2 x 270 |
| W | | 75 | 95 | 125 | | 145 | | | |
| B | | 30 | 40 | 50 | | 60 | | | |
| C | | 35 | 40 | 50 | | 58 | | | |
| D | | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| G | | 75 | 95 | 125 | | 145 | | | |
| kg | | 13.5 | 19.5 | 36 | 40 | 56 | 61 | 66 | 71 |
| Cod. | | 3.31.00720 | 3.32.10720 | 3.33.20720 | 3.33.30720 | 3.34.20720 | 3.34.30720 | 3.34.40720 | 3.34.50720 |


AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

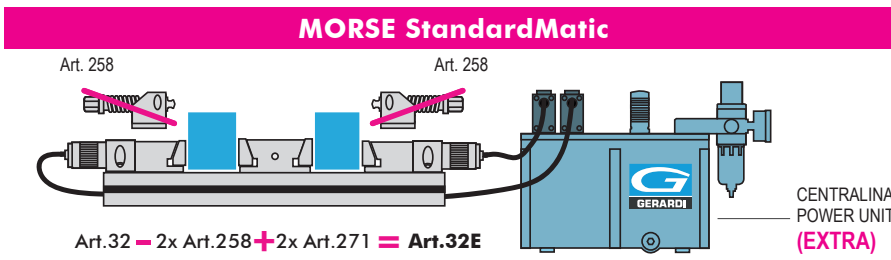
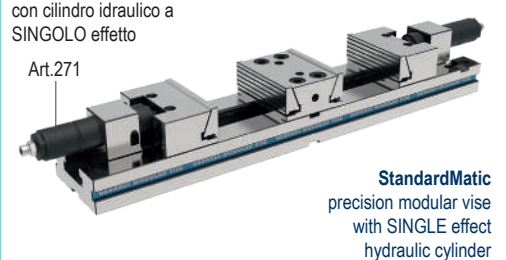
| Art. 313R | Cod. | 4.31.3R10C | 4.31.3R20C | 4.31.3R30C | 4.31.3R40C |
|--|------|------------|------------|------------|------------|
| Coppia di Parallele magnetiche Pair of magnetic parallel plates | H | 23 | 33 | 43 | 53 |

| Art. 213 | Cod. | 1.21.31000 | 1.21.32000 | 1.21.33000 | 1.21.34000 |
|--|------|------------|------------|------------|------------|
| Ganascia mobile intermedia (da usare con Art. 313R) Intermediate movable jaw (to be used with Art. 313R) | H | | | | |

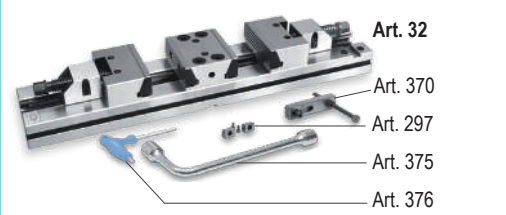
| Art. 218 | Cod. | 2.21.81000 | 2.21.82000 | 2.21.83000 | 2.21.84000 |
|---|------|------------|------------|------------|------------|
| Ganascia mobile prismatica Prismatic movable jaw | | | | | |

| Art. 243G | Cod. | 1.24.3G100 | 1.24.3G200 | 1.24.3G300 | 1.24.3G400 |
|--|------|------------|------------|------------|------------|
| Piastra ganascia ridotta con inserti GRIP completa di parallela magnetica Narrow width jaw plate with GRIP inserts with magnetic parallel | | | | | |

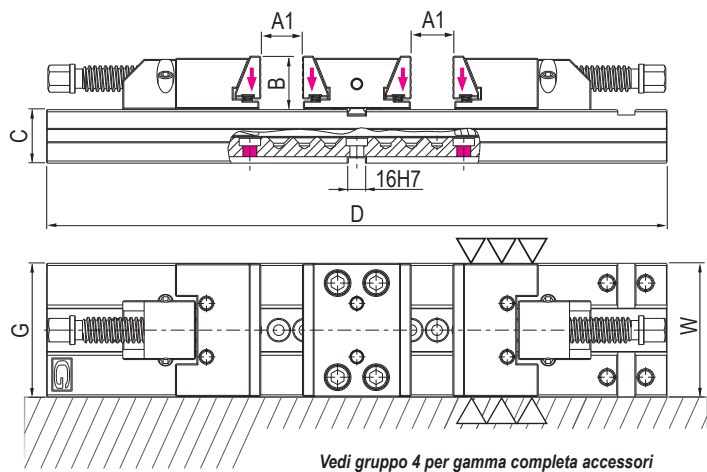
| Art. 32E | Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|---|------|--|--|--|--|
| Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto NEW 2024 | | | | | |



- Dotazione standard:
- 2 arresti laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevta (tolleranza H7) - MAN-020-STD :



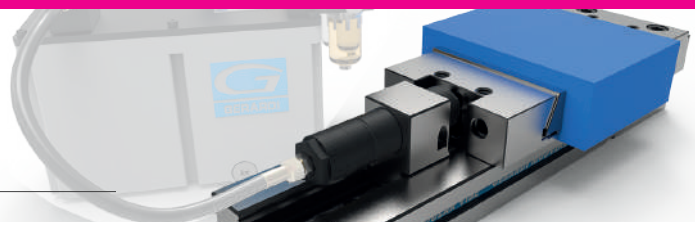
- Standard equipment:
- 2 workstops Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :

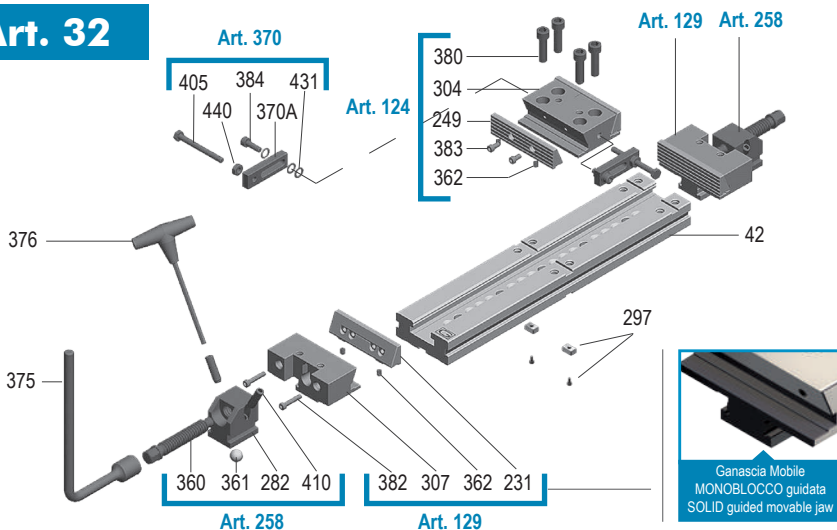

 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | A1 | 2 x 150 | 2 x 200 | 2 x 250 | 2 x 300 | 2 x 350 | 2 x 160 | 2 x 210 | 2 x 260 | 2 x 310 | 2 x 360 | 2 x 410 |
| W | 170 | | | | | 195 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 93 | 99 | 105 | 108 | 117 | 144 | 152 | 160 | 168 | 176 | 184 | 202 |
| Cod. | 3.35.20720 | 3.35.30720 | 3.35.40720 | 3.35.50720 | 3.35.60720 | 3.36.20720 | 3.36.30720 | 3.36.40720 | 3.36.50720 | 3.36.60720 | 3.36.70720 | 3.36.80720 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

| | | | |
|-----------|--|--|------------|
| Art. 313R | 4.31.3R50C | | 4.31.3R60C |
| 53 | | | 68 |
| Art. 213 | 1.21.35000 | | 1.21.36000 |
| Art. 218 | 2.21.85000 | | 2.21.86000 |
| Art. 243G | 1.24.3G500 | | 1.24.3G600 |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | |

StandardMatic VISES

Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
 Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 32


| Art. | Pag. |
|------|------|
| 42 | 2.32 |
| 231 | 4.9 |
| 249 | 4.9 |
| 282 | 4.36 |
| 297 | 4.34 |
| 304 | 4.29 |
| 307 | 4.29 |
| 360 | 4.36 |
| 361 | 4.36 |
| 362 | 4.28 |
| 370A | 4.35 |

| Art. | Pag. |
|------|------|
| 375 | 4.35 |
| 376 | 4.35 |
| 380 | 4.28 |
| 382 | 4.28 |
| 383 | 4.28 |
| 384 | 4.28 |
| 405 | 4.35 |
| 410 | 4.36 |
| 431 | 4.28 |
| 440 | 4.28 |
| - | - |

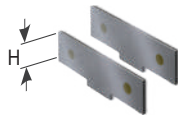


2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | |
| Apertura massima / Maximum spread | A1 | 2 x 90 | 2 x 100 | 2 x 110 | 2 x 160 | 2 x 120 | 2 x 170 | 2 x 220 | 2 x 270 |
| Art. 34 Morsa XL a doppia apertura con ganasce a piastre piane Double opening XL vise with straight-plate jaws | W | 100 | 125 | 150 | | | | 175 | |
| | B | 30 | 40 | 50 | | | | 60 | |
| | C | 35 | 40 | 50 | | | | 58 | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | | | 145 | |
| | kg | 9.4 | 15.8 | 29.8 | 32.8 | 44.8 | 49.8 | 54.8 | 59.8 |
| | Cod. | 2.34.19000 | 2.34.21000 | 2.34.31100 | 2.34.31600 | 2.34.41200 | 2.34.41700 | 2.34.42200 | 2.34.42700 |

Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313

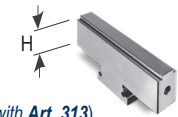
 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 4.31.3100C | 4.31.3200C | 4.31.3300C | 4.31.3400C |
| H | 23 | 33 | 43 | 53 |

Art. 212

 Ganasca mobile intermedia
 (da usare con Art. 313)

Intermediate movable jaw (to be used with Art. 313)



| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|------|------------|------------|------------|------------|

Art. 246

 Piastra piana in acciaio lavorabile
 Machinable steel straight jaw plate


| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.65.16200 | 1.65.26200 | 1.65.36200 | 1.65.46200 |
|------|------------|------------|------------|------------|

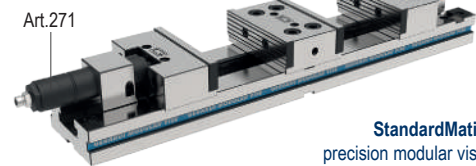
Art. 246G

 Piastra ganasca con inserti GRIP completa di parallela magnetica
 Jaw plate with GRIP inserts with magnetic parallel

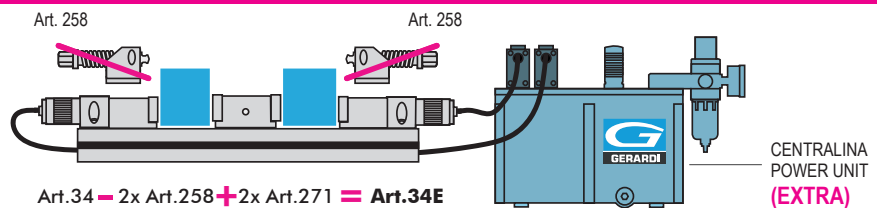

| | | | | |
|------|------------|------------|------------|------------|
| Cod. | 1.24.6G100 | 1.24.6G200 | 1.24.6G300 | 1.24.6G400 |
|------|------------|------------|------------|------------|

Art. 34E
NEW 2024

Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto

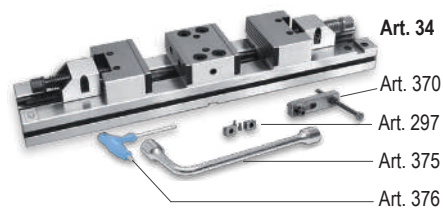

StandardMatic
 precision modular vise with SINGLE effect hydraulic cylinder

| | | | | |
|------|--|--|--|--|
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|

MORSE StandardMatic


Dotazione standard:

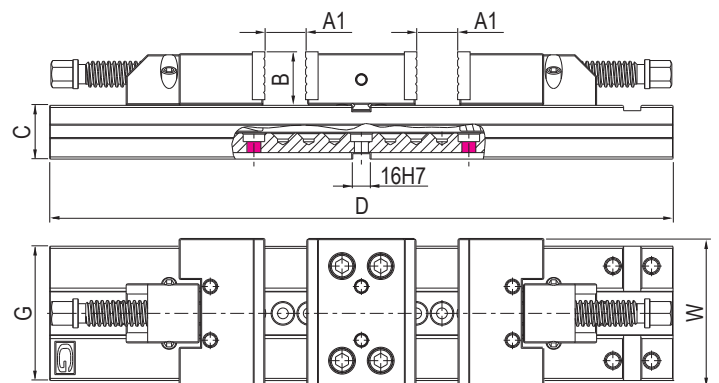
- 2 arresti laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 2 workstops Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 box wrench Art. 375 ■ 1 T-wrench Art. 376

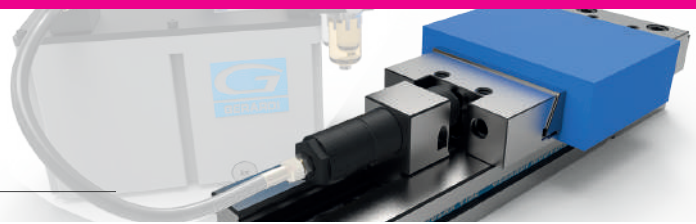
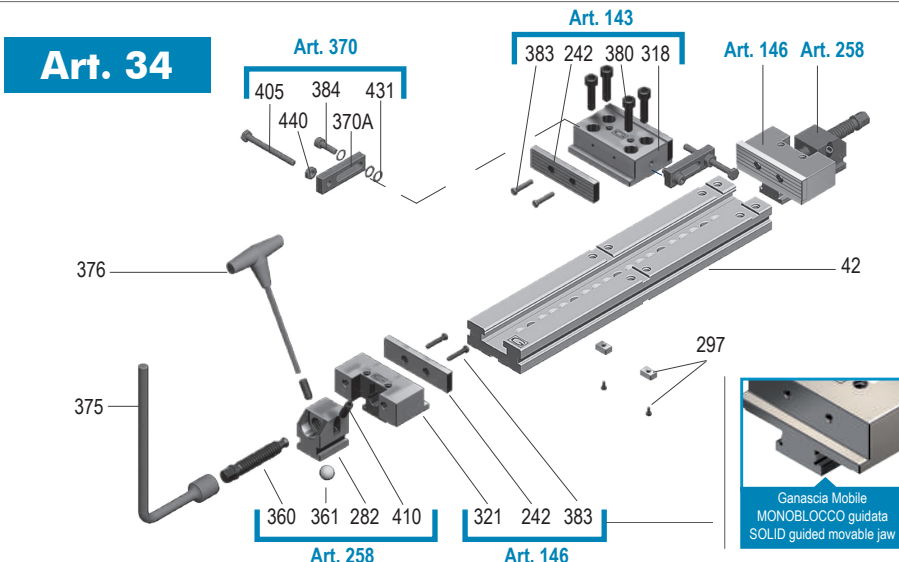
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A1 | 2 x 150 | 2 x 200 | 2 x 250 | 2 x 300 | 2 x 350 | 2 x 160 | 2 x 210 | 2 x 260 | 2 x 310 | 2 x 360 | 2 x 410 | 2 x 460 |
| W | 200 | | | | | 300 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 82.5 | 88.5 | 96.5 | 103.5 | 110.5 | 116 | 129 | 139 | 149 | 159 | 169 | 179 |
| Cod. | 2.34.51500 | 2.34.52000 | 2.34.52500 | 2.34.53000 | 2.34.53500 | 2.34.61600 | 2.34.62100 | 2.34.62600 | 2.34.63100 | 2.34.63600 | 2.34.64100 | 2.34.64600 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

| | | | |
|-----------|--|--|------------|
| Art. 313 | 4.31.3500C | | 4.31.3600C |
| 53 | | | 68 |
| Art. 212 | 1.21.25000 | | 1.21.26000 |
| Art. 246 | 1.65.56200 | | 1.65.66200 |
| Art. 246G | 1.24.6G500 | | 1.24.6G600 |
| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | |

StandardMatic VISES

Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
 Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)


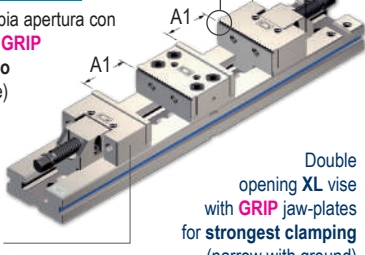
| Art. | Pag. | Art. | Pag. |
|------|------|------|------|
| 42 | 2.32 | 380 | 4.28 |
| 242 | 4.11 | 383 | 4.28 |
| 282 | 4.36 | 384 | 4.28 |
| 297 | 4.34 | 405 | 4.35 |
| 318 | 4.30 | 410 | 4.36 |
| 321 | 4.30 | 431 | 4.28 |
| 360 | 4.36 | 440 | 4.28 |
| 361 | 4.36 | - | - |
| 370A | 4.35 | - | - |
| 375 | 4.35 | - | - |
| 376 | 4.35 | - | - |



Tipo (grandezza) morsa
 Vise type (size)

Art. 35

Morsa XL a doppia apertura con piastre ganasce GRIP a forte serraggio (ridotte rettificate)

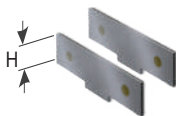


Double opening XL vise with GRIP jaw-plates for strongest clamping (narrow with ground)

Monoblocco - Solid

| | 1 | 2 | 3 | | 4 | | | | |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|
| | 16 kN | 25 kN | 30 kN | | 30 kN | | | | |
| Apertura massima / Maximum spread | A1 | 2 x 90 | 2 x 100 | 2 x 110 | 2 x 160 | 2 x 120 | 2 x 170 | 2 x 220 | 2 x 270 |
| W | 75 | 95 | 125 | | 145 | | | | |
| B | 30 | 40 | 50 | | 60 | | | | |
| C | 35 | 40 | 50 | | 58 | | | | |
| D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 | |
| G | 75 | 95 | 125 | | 145 | | | | |
| kg | 9.4 | 15.8 | 29.8 | 32.8 | 44.8 | 49.8 | 54.8 | 59.8 | |
| Cod. | 2.35.19000 | 2.35.21000 | 2.35.31100 | 2.35.31600 | 2.35.41200 | 2.35.41700 | 2.35.42200 | 2.35.42700 | |

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 313R

 Coppia di Parallele magnetiche
 Pair of magnetic parallel plates


| Cod. | 4.31.3R10C | 4.31.3R20C | 4.31.3R30C | 4.31.3R40C |
|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 |

Art. 218

 Ganasca mobile prismatica
 Prismatic movable jaw


| Cod. | 2.21.81000 | 2.21.82000 | 2.21.83000 | 2.21.84000 |
|------|------------|------------|------------|------------|
| | | | | |

Art. 247

 Piastra piana in acciaio lavorabile
 Machinable steel straight jaw plate


| Cod. | 1.65.17200 | 1.65.27200 | 1.65.37200 | 1.65.47200 |
|------|------------|------------|------------|------------|
| | | | | |

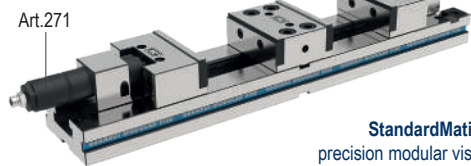
Art. 247G

 Piastra ganasca ridotta con inserti GRIP completa di parallela magnetica
 Narrow width jaw plate with GRIP inserts with magnetic parallel


| Cod. | 1.24.7G100 | 1.24.7G200 | 1.24.7G300 | 1.24.7G400 |
|------|------------|------------|------------|------------|
| | | | | |

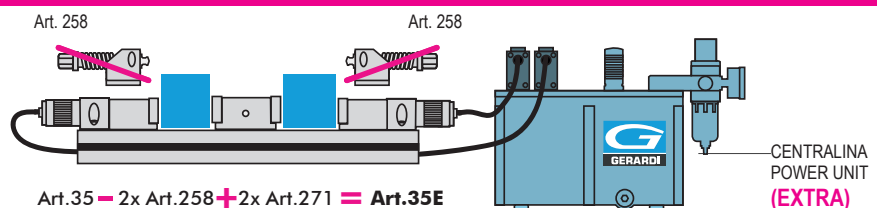
Art. 35E
NEW 2024

Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto



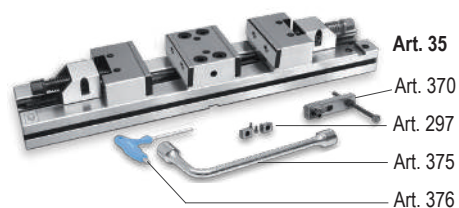
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | | |
|------|--|--|--|--|
| | | | | |

MORSE StandardMatic


Dotazione standard:

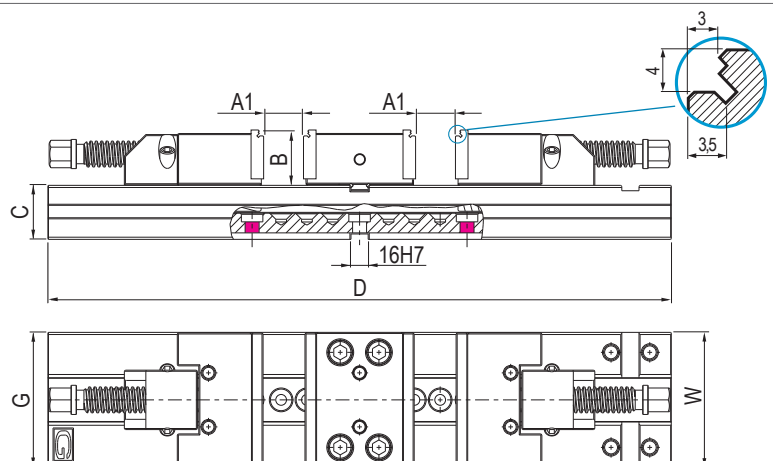
- 2 arresti laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 2 workstops Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 box wrench Art. 375 ■ 1 T-wrench Art. 376

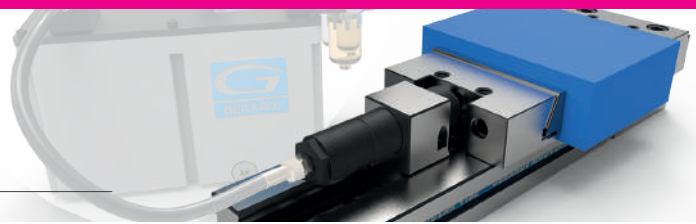
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :


 Vedi gruppo 4 per gamma completa accessori
 See group 4 for complete range of accessories

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | 2 x 150 | 2 x 200 | 2 x 250 | 2 x 300 | 2 x 350 | 2 x 160 | 2 x 210 | 2 x 260 | 2 x 310 | 2 x 360 | 2 x 410 | 2 x 460 |
| A1 | | | | | | | | | | | | |
| W | 170 | | | | | 195 | | | | | | |
| B | 65 | | | | | 80 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 82.5 | 88.5 | 96.5 | 103.5 | 110.5 | 116 | 129 | 139 | 149 | 159 | 169 | 179 |
| Cod. | 2.35.51500 | 2.35.52000 | 2.35.52500 | 2.35.53000 | 2.35.53500 | 2.35.61600 | 2.35.62100 | 2.35.62600 | 2.35.63100 | 2.35.63600 | 2.35.64100 | 2.35.64600 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

| | | |
|---|--|------------------|
| Art. 313R 4.31.3R50C 53 | | 4.31.3R60C 68 |
| Art. 218 2.21.85000 | | 2.21.86000 |
| Art. 247 1.65.57200 | | 1.65.67200 |
| Art. 247G 1.24.7G500 | | 1.24.7G600 |
| Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 | | |

StandardMatic VISES

Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
 Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 35

Art. 370: 405, 384, 431, 440, 370A
Art. 144T: 383, 247T, 380, 319
Art. 147T: 322, 247T, 383
Art. 258: 360, 361, 282, 410
Art. 147T: 322, 247T, 383
Art. 258: 376, 375, 360, 361, 282, 410, 322, 247T, 383, 297, 42

| Art. | Pag. | Art. | Pag. |
|-------------|------|------------|------|
| 42 | 2.32 | 380 | 4.28 |
| 247T | 4.11 | 383 | 4.28 |
| 282 | 4.36 | 384 | 4.28 |
| 297 | 4.34 | 405 | 4.35 |
| 319 | 4.30 | 410 | 4.36 |
| 322 | 4.30 | 431 | 4.28 |
| 360 | 4.36 | 440 | 4.28 |
| 361 | 4.36 | - | - |
| 370A | 4.35 | - | - |
| 375 | 4.35 | - | - |
| 376 | 4.35 | - | - |

Morse e Cubi / Vises & Vise Towers

XL (flex)

Basi extra lunghe e piastre ganasce a cambio rapido!
Extra long bases and quick interchangeable jaw plate !



Precisione / Accuracy
 $\pm 0,02\text{mm}$



Durezza / Hardened
HRC 58 \pm 2

USURA INESISTENTE / NO WEAR

Grazie all'accurata scelta dei materiali impiegati ed allo studio dimensionale computerizzato dei componenti. Costruzione completamente in speciali leghe di acciaio ad alta resistenza, normalizzato, cementato e temprato con durezza 58 \pm 2 HRC. Tutto ciò al fine di conferire massima rigidità, elevate prestazioni e usura inesistente. A riprova di tutto ciò assicuriamo **5 ANNI DI GARANZIA** su tutto il programma morse e organi meccanici in genere.

Thanks to the manufacturing with only the most suitable materials and to the structure of the vise components (developed using computer customised softwares and the experience gained during many years spent working on the specific field). High alloyed quality resistance steel, case hardened HRC 58 \pm 2, is used in manufacturing all the Gerardi vises and accessories in order to give maximum rigidity, high performances and no wear. As evidence we give **5 YEARS WARRANTY** on all the vises and mechanical components.

MODULARITÀ / MODULARITY

Tutte le morse ed accessori sono elementi componibili, intercambiabili e perfettamente allineabili fra loro e con i quali è possibile ottenere differenti soluzioni di bloccaggio. Secondo tale principio l'unico elemento che differenzia le attrezzature con identica larghezza di presa è la base (la cui lunghezza determina la massima apertura della morsa), mentre gli altri componenti sono identici. Mediante l'aggiunta o semplice sostituzione di alcuni particolari si può variare la tipologia di bloccaggio secondo le proprie esigenze utilizzando la stessa attrezzatura acquistata in un primo momento (bloccaggi singoli, con base girevole, doppi, verticali, di pezzi piani, tondi, piatti e grezzi, manuali, idraulici o pneumatici).

All vises and accessories are modular and components of all our vises will interchange with perfect alignment to provide different workholding solutions. With this basic principle the only difference between fixtures with the same width of clamping is the base (whose length determines the maximum opening of the vise), while the rest of components have same dimensions. Through the simple addition or substitution of some particulars You can change the type of clamping as Your needs require using the same fixture purchased before (single clamping, swivel base, double, vertical, smooth or round or flat or rough workpieces, manual, hydraulic or pneumatic).

DESIGN COMPATTO / SPACE SAVING DESIGN

La semplicità nonché la compattezza costruttiva consentono un'apertura notevole rispetto all'ingombro totale dell'attrezzatura. Inoltre lo stesso peso (solo 25 kg per una morsa da 150 mm di larghezza ganasce) è tale da consentire un facile trasferimento da una macchina all'altra.

The space saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vise. Furthermore the weight (only 25 kg for a 150 mm jaw width vise) allows a simple moving from one machine to another.

SERRAGGI RAPIDI / QUICK CLAMPING

Grazie allo scorrimento del gruppo di serraggio nella guida della base (a cremagliera) fino in prossimità del pezzo da lavorare dove si adatterà automaticamente alla nicchia più vicina. L'operazione di serraggio si conclude agendo sulla vite di bloccaggio. Oltre a quello manuale meccanico, sono disponibili 4 ulteriori sistemi di serraggio intercambiabili e indipendenti: 1 - Idraulici / 2 - Pneumatici / 3 - Idraulici manuali / 4 - Idraulici elettrici. L'operazione è in termini di secondi.

Thanks to the clamping device sliding in the vise base slide (compact rack type) till the proximity of the workpiece. The clamping is completed with the main screw. Besides the manual mechanic system, 4 further interchangeable and independent clamping systems are available: 1- Hydraulic / 2- Pneumatic / 3- Manual hydraulic / 4- Electrical hydraulic. The change needs only few seconds.



Art. 230B

Dolce
Soft



Art. 230C

Liscia
Smooth



Art. 230D

Zigrinata
Serrated



Art. 230E

Con gradino
With step



Art. 230F

Prismatica
Prismatic



Art. 230G

Con arresto a 90°
With 90° stop



Art. 230H

Bombata
Round



Art. 230M

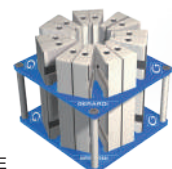
Angolo di 30° o 45°
30° or 45° angle

PIASTRE GANASCE DISCENDENTI INTERCAMBIABILI MANUALMENTE
PULL DOWN JAW PLATES INTERCHANGEABLE BY HAND

Portapiastre The Rack

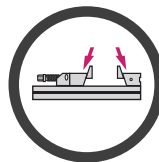
Completo di piastre ganasce a cambio rapido a gradino Art.230E
 Complete of quick change step jaw plates Art.230E

Vedi Pag. 4.22 - See Page.4.22



La morsa Gerardi XL come le sorelle più corte StandardFLEX, possono essere dotate di piastre ganasce a cambio rapido permettendo in questo modo oltre la lavorazione di un numero maggiore di pezzi sfruttando al massimo la lunghezza della tavola della macchina utensile anche la sostituzione rapida delle piastre ganasce che avviene manualmente e senza l'ausilio di alcun utensile, questo è possibile grazie al sistema Perno-molla, che consente un diverso utilizzo della morsa in tempi ridottissimi. Grazie al sistema a Pettine di rigatura prismatica delle piastre ganascia, risulta migliorato anche l'effetto discendente che durante la fase di serraggio, trascina il pezzo contro lo slittone garantendo anche una notevolissima precisione di riposizionamento.

The Gerardi XL vises as the StandardFLEX series, can be equipped with the pull down jaw plates allowing to machine more workpieces using the total length of the machine tool and the quickest jaw plate hand substitution without any tool. This is possible thanks to the new design with pin with spring which increases the standard vise versatility while the prismatic grooves allow a perfect repositioning accuracy (within microns !!).



SCAN IT TO WATCH THE



VIDEO PRESENTATION



2

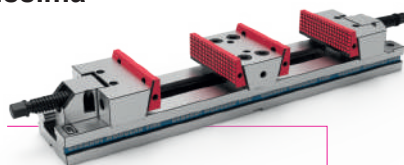
Dotata del geniale sistema a pettine per sostituire rapidamente la piastra ganascia discendente

Innovative Comb system for quick pull-down jaw plate change

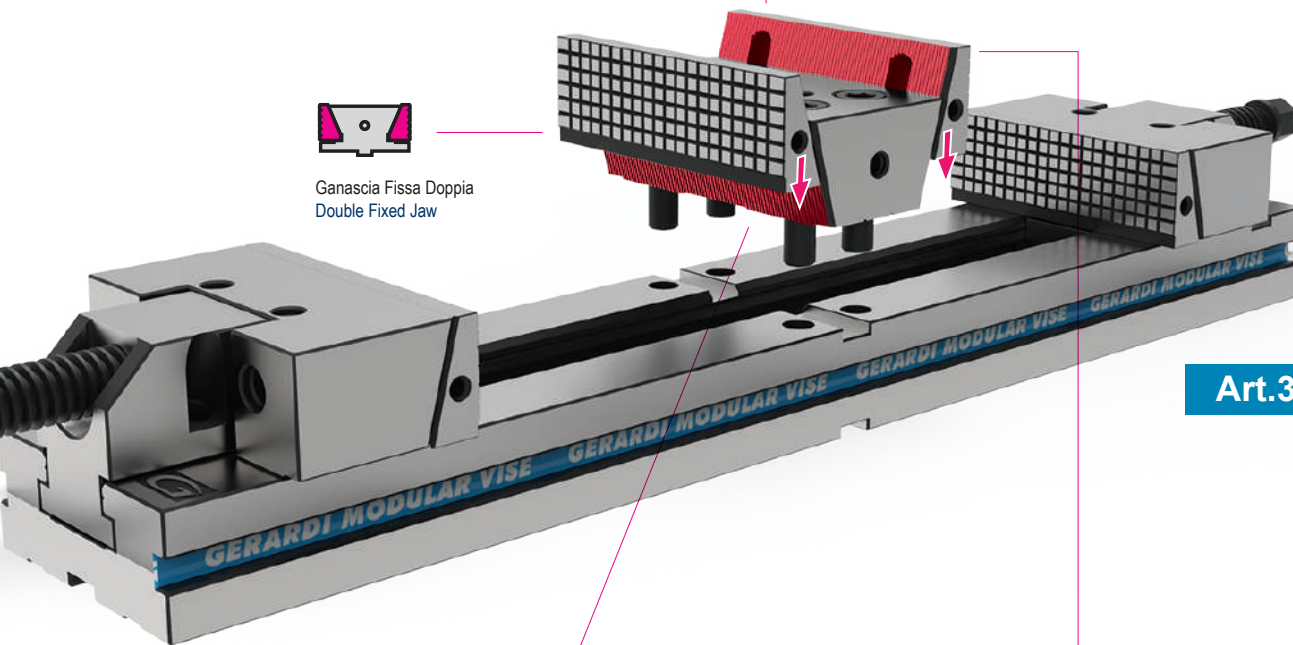
Riconfigurazione Rapidissima Quickest Vise Resetting

Grazie alla piastra ganascia intercambiabile manualmente tramite sistema a pettine

Thanks to the quick interchangeable jaw plate through ground comb system



Ganascia Fissa Doppia
Double Fixed Jaw



Art.30A

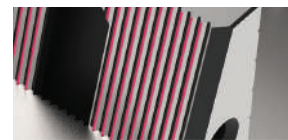
Effetto discendente Pull Down Action

Effetto discendente amplificato e migliorato e migliore protezione dai trucioli grazie al sistema a pettine.

Increased and better pull down action and better protection from chips thanks to the comb system

Altissima Ripetibilità di Posizionamento Highest Repositioning Accuracy $\pm 0,005\text{mm}$

Veloce e preciso grazie alla forma rettificata del sistema a pettine
Quick and accurate jaw plate thanks the grid shape of the comb system



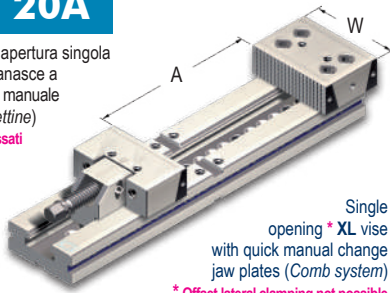
2

| Tipo (grandezza) morsa / Vise type (size) | kN | 1 | | 2 | | 3 | | 4 | |
|---|------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 16 kN | 25 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN | 30 kN |
| Apertura massima / Maximum spread | A | 290 | 320 | 360 | 460 | 400 | 500 | 600 | 700 |
| | W | 96 | 121 | 146 | | | 171 | | |
| | B | 28 | 38 | 48 | | | 58 | | |
| | C | 35 | 40 | 50 | | | 58 | | |
| | D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| | G | 75 | 95 | 125 | | | 145 | | |
| | kg | 6.8 | 12.9 | 25.5 | 29 | 37 | 42 | 47 | 52 |
| | Cod. | 2.20.A1290 | 2.20.A2320 | 2.20.A3360 | 2.20.A3460 | 2.20.A4400 | 2.20.A4500 | 2.20.A4600 | 2.20.A4700 |

Art. 20A

Morsa *XL a apertura singola con piastre ganasce a cambio rapido manuale (Sistema a pettine)

* Serraggi disassati lateralmente non possibili



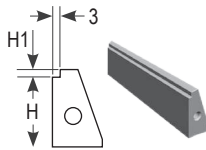
Single opening *XL vise with quick manual change jaw plates (Comb system)

* Offset lateral clamping not possible

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 230E

Piastra ganascia intercambiabile Interchangeable jaw plate

Vedi pagina 4.21 per altezze disponibili See page 4.21 for available height

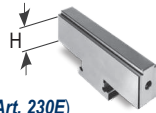


| | Cod. | 4.23.0E101 | 4.23.0E201 | 4.23.0E301 | 4.23.0E401 |
|----|------|------------|------------|------------|------------|
| H | | 23 | 33 | 43 | 53 |
| H1 | | 5 | 5 | 5 | 5 |

Art. 212

Ganascia mobile intermedia (da usare con Art. 230E)

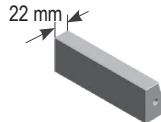
Intermediate movable jaw (to be used with Art. 230E)



| | Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|--|------|------------|------------|------------|------------|
| | | | | | |

Art. 230B

Piastra ganascia intercambiabile dolce Soft interchangeable jaw plate



| | Cod. | 4.23.0B101 | 4.23.0B201 | 4.23.0B301 | 4.23.0B401 |
|--|------|------------|------------|------------|------------|
| | | | | | |

Art. 230F

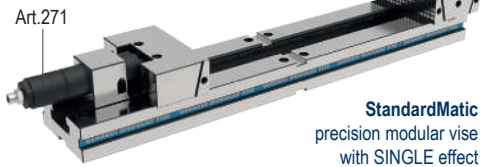
Piastra ganascia intercambiabile prismatica Prismatic interchangeable jaw plate



| | Cod. | 4.23.0F101 | 4.23.0F201 | 4.23.0F301 | 4.23.0F401 |
|--|------|------------|------------|------------|------------|
| | | | | | |

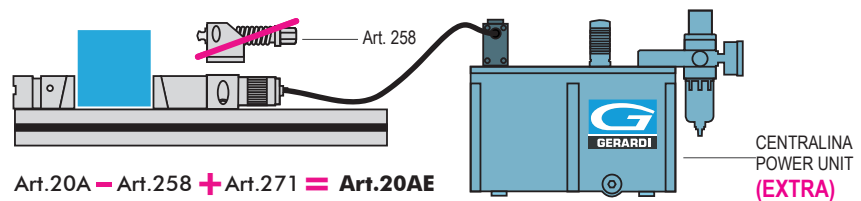
Art.20AE
NEW 2024

Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto



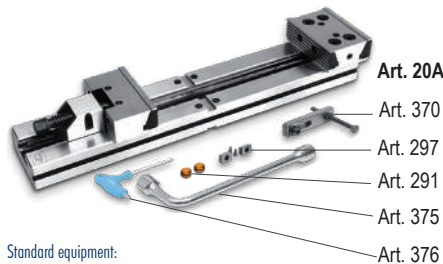
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

| Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 |
|------|--|
| | |

MORSE StandardMatic


Dotazione standard:

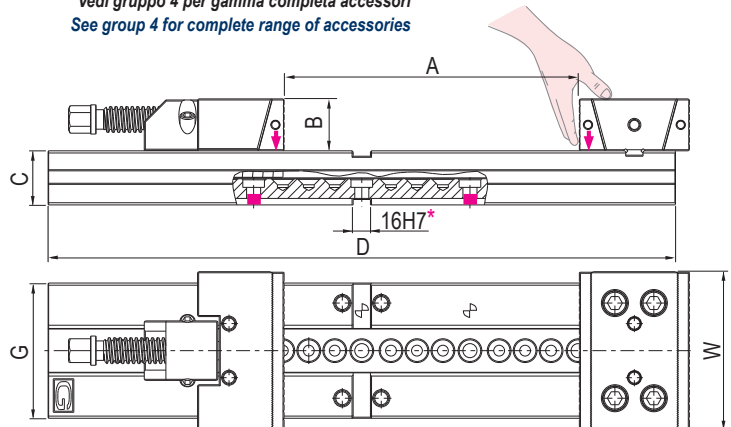
- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 2 tappi Art. 291 ■ 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
 Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :



Standard equipment:

- 1 workstop Art. 370
 - 1 pair of positioning key-nuts for 16 mm slot Art. 297
 - 2 inserts Art. 291 ■ 1 box wrench Art. 375 ■ 1 T-wrench Art. 376
- Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
 Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :

Vedi gruppo 4 per gamma completa accessori See group 4 for complete range of accessories


 * Versione normale: Cava da 16H7 e fori calibrati Ø8F7 (t.1) - Ø16F7 (t.2-3-4-5-6)
 * Normal version: 16H7 slot and calibrated holes Ø8F7 (t.1) - Ø16F7 (t.2-3-4-5-6)

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A | 500 | 600 | 700 | 800 | 900 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| W | 196 | | | | | 296 | | | | | | |
| B | 63 | | | | | 78 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 64 | 69 | 74 | 79 | 84 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| Cod. | 2.20.A5500 | 2.20.A5600 | 2.20.A5700 | 2.20.A5800 | 2.20.A5900 | 2.20.A6500 | 2.20.A6600 | 2.20.A6700 | 2.20.A6800 | 2.20.A6900 | 2.20.A6100 | 2.20.A6110 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

4.23.0E501

Art. 230E

| | |
|----|----|
| H | 53 |
| H1 | 10 |



4.23.0E601

| | |
|--|----|
| | 68 |
| | 10 |

1.21.25000

Art. 212



1.21.26000

4.23.0B501

Art. 230B



4.23.0B601

4.23.0F501

Art. 230F



4.23.0F601

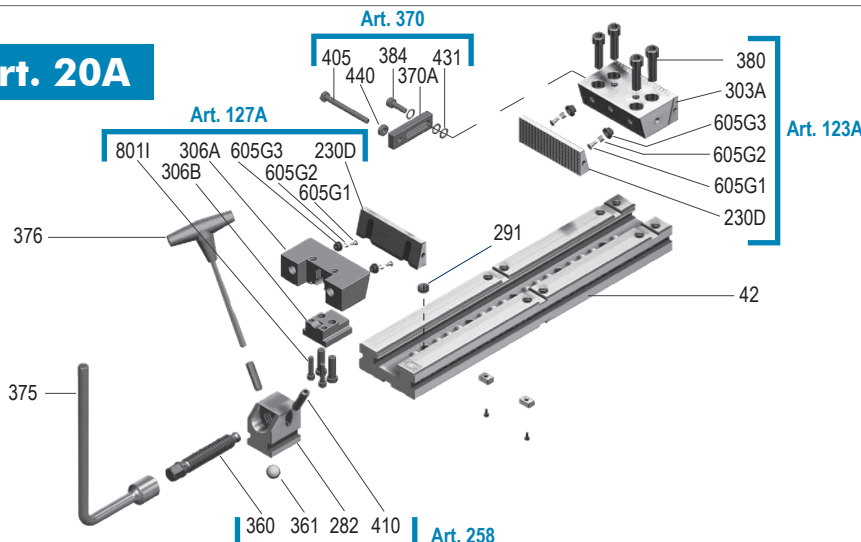
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 20A



| Art. | Pag. | Art. | Pag. |
|-------------|------|--------------|------|
| 42 | 2.32 | 376 | 4.35 |
| 230D | 4.21 | 380 | 4.28 |
| 282 | 4.36 | 384 | 4.28 |
| 291 | 4.35 | 405 | 4.35 |
| 297 | 4.34 | 410 | 4.36 |
| 303A | 4.30 | 431 | 4.28 |
| 306A | 4.30 | 440 | 4.28 |
| 306B | 4.30 | 605G1 | 4.22 |
| 360 | 4.36 | 605G2 | 4.22 |
| 361 | 4.36 | 605G3 | 4.22 |
| 370A | 4.35 | 801I | 5.61 |
| 375 | 4.35 | - | - |

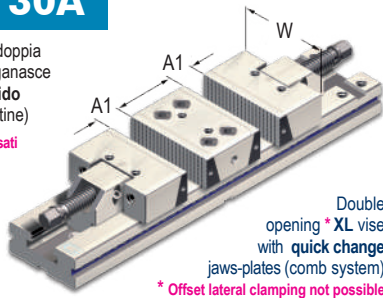
Tipo (grandezza) morsa / Vise type (size)

| | 1 | 2 | 3 | | 4 | | | | |
|-----------------------------------|--------------|--------------|--------------|------------|--------------|------------|------------|------------|---------|
| | 16 kN | 25 kN | 30 kN | | 30 kN | | | | |
| Apertura massima / Maximum spread | A1 | 2 x 90 | 2 x 100 | 2 x 110 | 2 x 160 | 2 x 120 | 2 x 170 | 2 x 220 | 2 x 270 |
| W | 96 | 121 | 146 | | 171 | | | | |
| B | 28 | 38 | 48 | | 58 | | | | |
| C | 35 | 40 | 50 | | 58 | | | | |
| D | 460 | 520 | 580 | 680 | 666 | 766 | 866 | 966 | |
| G | 75 | 95 | 125 | | 145 | | | | |
| kg | 6.8 | 12.9 | 25.5 | 29 | 37 | 42 | 47 | 52 | |
| Cod. | 2.30.A1900 | 2.30.A2100 | 2.30.A3110 | 2.30.A3160 | 2.30.A4120 | 2.30.A4170 | 2.30.A4220 | 2.30.A4270 | |

Art. 30A

Morsa *XL a doppia apertura con ganasce a cambio rapido (sistema a pettine)

* Serraggi disassati lateralmente non possibili



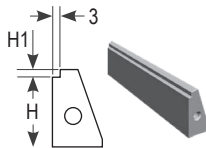
Double opening *XL vise with quick change jaws-plates (comb system)

* Offset lateral clamping not possible

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 230E

Piastra ganascia intercambiabile
Interchangeable jaw plate

Vedi pagina 4.21 per altezze disponibili
See page 4.21 for available height

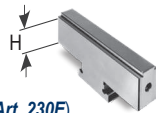


| | Cod. | 4.23.0E101 | 4.23.0E201 | 4.23.0E301 | 4.23.0E401 |
|----|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 | |
| H1 | 5 | 5 | 5 | 5 | |

Art. 212

Ganascia mobile intermedia
(da usare con Art. 230E)

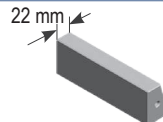
Intermediate movable jaw (to be used with Art. 230E)



| | Cod. | 1.21.21000 | 1.21.22000 | 1.21.23000 | 1.21.24000 |
|---|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 | |

Art. 230B

Piastra ganascia intercambiabile dolce
Soft interchangeable jaw plate



| | Cod. | 4.23.0B101 | 4.23.0B201 | 4.23.0B301 | 4.23.0B401 |
|---|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 | |

Art. 230F

Piastra ganascia intercambiabile prismatica
Prismatic interchangeable jaw plate

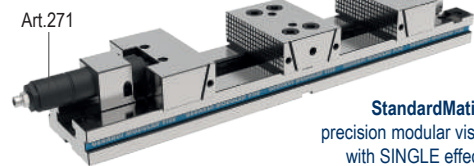


| | Cod. | 4.23.0F101 | 4.23.0F201 | 4.23.0F301 | 4.23.0F401 |
|---|------|------------|------------|------------|------------|
| H | 23 | 33 | 43 | 53 | |

Art.30AE

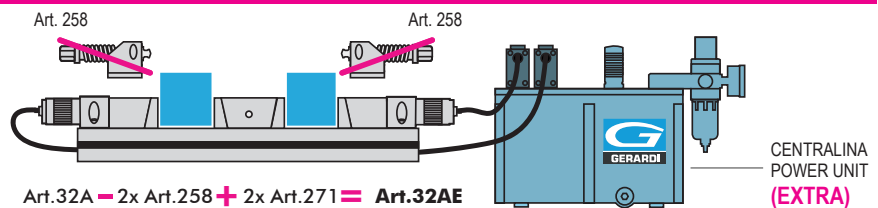
NEW 2024

Morsa modulare StandardMatic
con cilindro idraulico a SINGOLO effetto



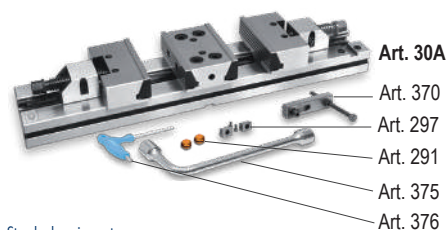
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

| | Cod. | Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41 |
|---|------|--|
| H | 23 | 33 |

MORSE StandardMatic


Dotazione standard:

- 1 arresto laterale Art. 370
 - 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
 - 2 tappi Art. 291 ■ 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376
- Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavevitta (tolleranza H7) - MAN-020-STD :

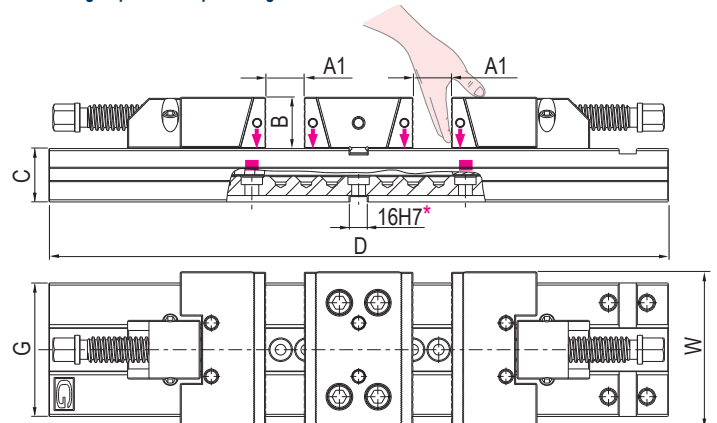


Standard equipment:

- 1 workshop Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 2 inserts Art. 291 ■ 1 box wrench Art. 375 ■ 1 T-wrench Art. 376

Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :

Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories



* Versione normale: Cava da 16H7 e fori calibrati Ø8F7 (t.1) - Ø16F7 (t. 2 - 3 - 4 - 5 - 6)
* Normal version: 16H7 slot and calibrated holes Ø8F7 (t.1) - Ø16F7 (t. 2 - 3 - 4 - 5 - 6)

| | 5 40 kN | | | | | 6 40 kN | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A1 | 2 x 150 | 2 x 200 | 2 x 250 | 2 x 300 | 2 x 350 | 2 x 160 | 2 x 210 | 2 x 260 | 2 x 310 | 2 x 360 | 2 x 410 | 2 x 460 |
| W | 196 | | | | | 296 | | | | | | |
| B | 63 | | | | | 78 | | | | | | |
| C | 70 | | | | | 78 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| G | 170 | | | | | 195 | | | | | | |
| kg | 64 | 69 | 74 | 79 | 84 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| Cod. | 2.30.A5150 | 2.30.A5200 | 2.30.A5250 | 2.30.A5300 | 2.30.A5350 | 2.30.A6160 | 2.30.A6210 | 2.30.A6260 | 2.30.A6310 | 2.30.A6360 | 2.30.A6410 | 2.30.A6460 |

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

4.23.0E501

Art. 230E

| | |
|----|----|
| H | 53 |
| H1 | 10 |



4.23.0E601

| | |
|----|----|
| H | 68 |
| H1 | 10 |

1.21.25000

Art. 212



1.21.26000

4.23.0B501

Art. 230B



4.23.0B601

4.23.0F501

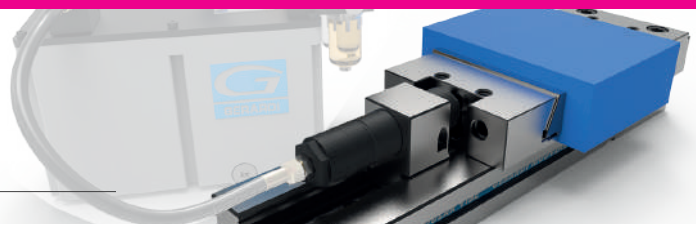
Art. 230F



4.23.0F601

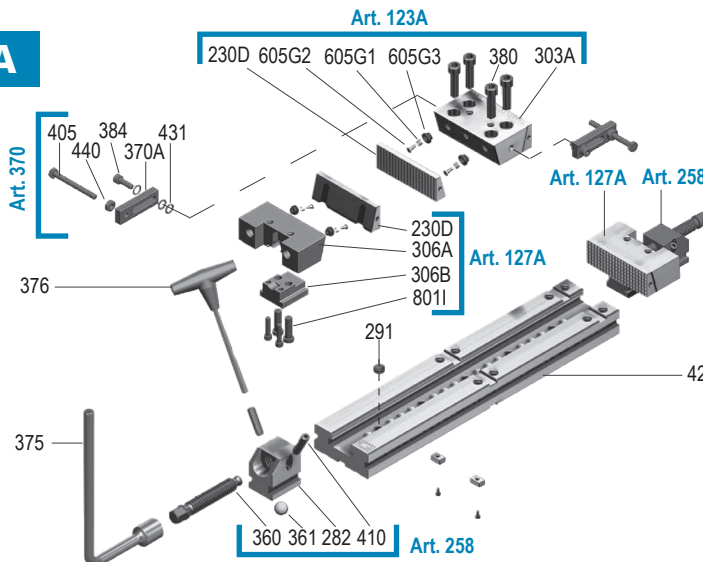
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

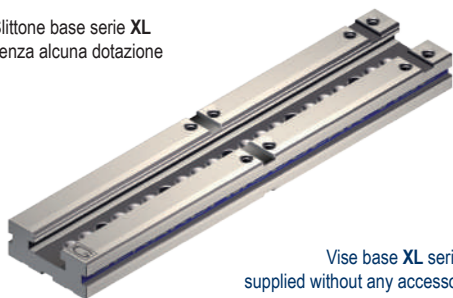
Art. 30A



| Art. | Pag. |
|-------------|------|
| 42 | 2.32 |
| 230D | 4.21 |
| 282 | 4.36 |
| 291 | 4.35 |
| 297 | 4.34 |
| 303A | 4.30 |
| 306A | 4.30 |
| 306B | 4.30 |
| 360 | 4.36 |
| 361 | 4.36 |
| 370A | 4.35 |
| 375 | 4.35 |

| Art. | Pag. |
|--------------|------|
| 376 | 4.35 |
| 380 | 4.28 |
| 384 | 4.28 |
| 405 | 4.35 |
| 410 | 4.36 |
| 431 | 4.28 |
| 440 | 4.28 |
| 605G1 | 4.22 |
| 605G2 | 4.22 |
| 605G3 | 4.22 |
| 801I | 5.61 |
| - | - |

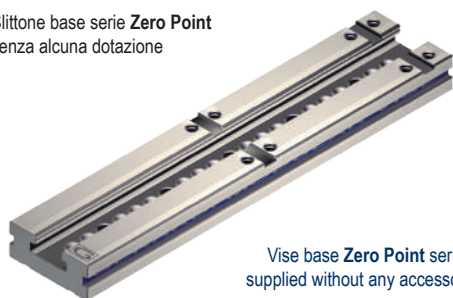
Tipo (grandezza) / Type (size)
Art. 42

 Slittone base serie **XL**
 senza alcuna dotazione

 Vise base **XL** series
 supplied without any accessory

| | 1 | 2 | 3 | 4 | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|
| D | 450 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| kg | 6.6 | 10.7 | 20.7 | 24.7 | 30.2 | 34.8 | 39.3 | 43.8 |
| Cod. | 1.80.11460 | 1.80.21520 | 1.80.31580 | 1.80.31680 | 1.80.41666 | 1.80.41766 | 1.80.41866 | 1.80.41966 |

 Versione normale: Cave da 16 mm (H7)
 Versione opzionale: Fori rettificati e calibrati con tolleranza F7
 Extra per ogni foro calibrato (Tolleranza F7):

Art. 42Z

 Slittone base serie **Zero Point**
 senza alcuna dotazione

 Vise base **Zero Point** series
 supplied without any accessory

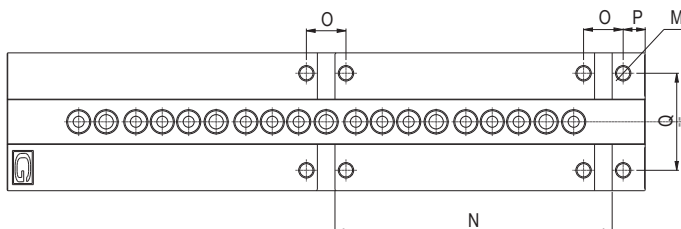
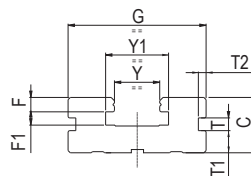
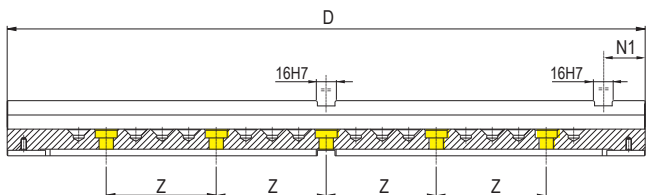
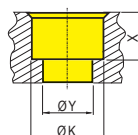
| | 1 | 2 | 3 | 4 | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|
| D | 450 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| kg | 6.4 | 10.5 | 20.5 | 24.5 | 29.9 | 34.5 | 39 | 43.5 |
| Cod. | 2.42.Z1460 | 2.42.Z2520 | 2.42.Z3580 | 2.42.Z3680 | 2.42.Z4666 | 2.42.Z4766 | 2.42.Z4866 | 2.42.Z4966 |

Tolleranza / Tolerance

- 0,02

| | | | | | | | | |
|----|-----|-----|------|-----|-----|-----|------|-----|
| C | 35 | 40 | 50 | | 38 | | | |
| D | 450 | 520 | 580 | 680 | 666 | 766 | 866 | 966 |
| F | 10 | 12 | 13 | | | | 15 | |
| F1 | 10 | 10 | 12 | | | | 18 | |
| G | 75 | 95 | 125 | | | | 145 | |
| Y | 21 | 28 | 41 | | | | 51 | |
| Y1 | 31 | 41 | 57 | | | | 70 | |
| M | M10 | M12 | M14 | | | | M16 | |
| N | 195 | 225 | 252 | 302 | 293 | 343 | 393 | 443 |
| N1 | 35 | 35 | 38 | | | | 40 | |
| O | 32 | 32 | 36 | | | | 36 | |
| P | 19 | 19 | 20 | | | | 22 | |
| Q | 50 | 62 | 88 | | | | 100 | |
| T | 9,5 | 9,5 | 11,5 | | | | 11,5 | |
| T1 | 15 | 15 | 20 | | | | 20 | |
| T2 | 5 | 5 | 7 | | | | 7 | |
| Z | 100 | 100 | 100 | | | | 100 | |

Art. 42

 Slittone base serie **XL** / Vise base **XL** series

Dettaglio foro per vite TCEI / TCEI screw hole details


| Type | 1 | 2 | 3 | 4 | 5 | 6 |
|------|------|------|----|----|----|----|
| X | 4,5 | 5,5 | 8 | 8 | 17 | 17 |
| ØY | 6,5 | 8,5 | 13 | 13 | 17 | 17 |
| ØK | 10,5 | 13,5 | 19 | 19 | 26 | 26 |

| | 5 | | | | | 6 | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300* | 1400* | 1500* |
| kg | 64 | 69 | 74 | 79 | 84 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| Cod. | 1.80.51805 | 1.80.51905 | 1.80.51005 | 1.80.51105 | 1.80.51205 | 1.80.61900 | 1.80.61000 | 1.80.61100 | 1.80.61200 | 1.80.61300 | 1.80.61400 | 1.80.61500 |

Normal version: 16 mm slots (H7)
 Optional version: Ground calibrated holes F7 tolerance
 Extra for each calibrated hole (F7 tolerance):

* Base composta da 2 pezzi uniti
 Base made of 2 spliced pieces

| | | | | | | | | | | | | |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | *1300 | *1400 | *1500 |
| kg | 60 | 65 | 70 | 75 | 80 | 91 | 101 | 111 | 121 | 131 | 141 | 151 |
| Cod. | 2.42.Z5805 | 2.42.Z5905 | 2.42.Z5005 | 2.42.Z5105 | 2.42.Z5205 | 2.42.Z6900 | 2.42.Z6100 | 2.42.Z6110 | 2.42.Z6120 | 2.42.Z6130 | 2.42.Z6140 | 2.42.Z6150 |

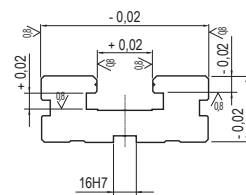
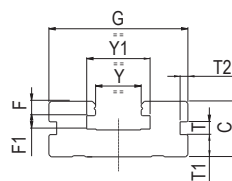
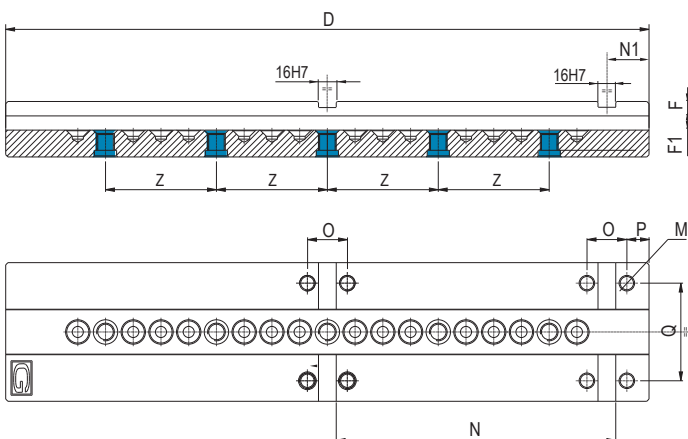
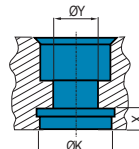
* Base composta da 2 pezzi uniti
 Base made of 2 spliced pieces

| | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| C | 70 | | | | | 58 | | | | | | |
| D | 805 | 905 | 1005 | 1105 | 1205 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| F | 20 | | | | | 20 | | | | | | |
| F1 | 18 | | | | | 18 | | | | | | |
| G | 170 | | | | | 195 | | | | | | |
| Y | 61 | | | | | 71 | | | | | | |
| Y1 | 80 | | | | | 90 | | | | | | |
| M | M20 | | | | | M20 | | | | | | |
| N | 357,5 | 407,5 | 457,5 | 507,5 | 557,5 | 405 | 455 | 505 | 555 | 605 | 655 | 707 |
| N1 | 45 | | | | | 45 | | | | | | |
| O | 44 | | | | | 44 | | | | | | |
| P | 23 | | | | | 23 | | | | | | |
| Q | 120 | | | | | 133 | | | | | | |
| T | 17,5 | | | | | 17,5 | | | | | | |
| T1 | 26 | | | | | 26 | | | | | | |
| T2 | 10 | | | | | 10 | | | | | | |
| Z | 100 | | | | | 100 | | | | | | |

Art. 42Z

Slittone base serie Zero Point / Vise base Zero Point series

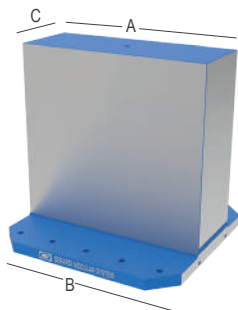
Tolleranze generiche per morse XL / XL vise generic tolerances


Dettaglio foro per Zero Point / Zero Point hole details


| Type | 1 | 2 | 3 | 4 | 5 | 6 |
|------|-----|-----|-----|-----|-----|-----|
| X | 6 | | | | | |
| Y | M16 | M16 | M16 | M16 | M16 | M16 |
| Ø K | 20 | | | | | |

PREDISPOSIZIONE e MONTAGGIO MORSE su SPALLE LAVORATE

TOMBSTONES SET-UP and VISES MOUNTING on 2 SIDE MACHINED TOMBSTONES

Art. 55C
Spalla lavorata
 2 sides machined tombstone

 Dim. A=800 / B=800 /
 C=300 / H=800

Cod. 8.55.C00191

Art. 35
Tipo di morsa
 Vise type

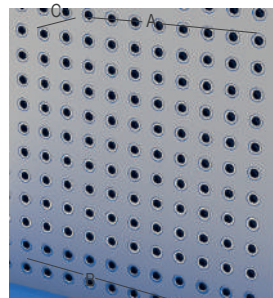

Art.35 Type 4 2x170

Cod. 2.35.41700

Numero morse x 4
 Vises number

MONTAGGIO e ALLINEAMENTO MORSE su SPALLE a RETICOLO

ALIGNEMENT and VISES MOUNTING on 2 SIDE GRID TOMBSTONES

Art. 55F
Spalla a reticolo
 2 sides grinded tombstone

 Dim. A=800 / B=800 /
 C=300 / H=800

Cod. 8.55.F00191

Art. 35
Tipo di morsa
 Vise type


Art.35 Type 4 2x170

Cod. 2.35.41700

Numero morse x 6
 Vises number

Predisposizione e montaggio completo

Complete set up & mounting



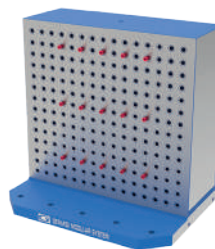
Cod. MAN-040-STD

Realizzazione di fori filettati o fori di fissaggio (da un minimo di 4 a un massimo di 6), fori calibrati o chiavette (da un minimo di 2 a un massimo di 3).

Creation of threaded holes or screw holes (minimum 4 and maximum 6), calibrated holes or key-ways (minimum 2 and maximum 3).

Montaggio ed allineamento (standard)

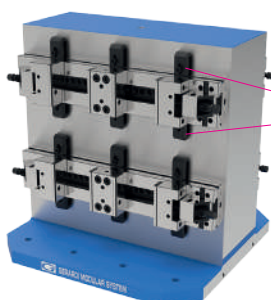
(Standard) Assembly and alignment



Cod. MAN-070-STD

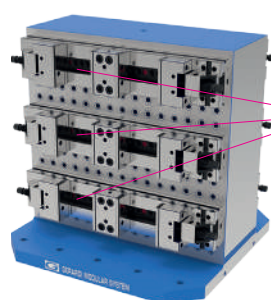
Montaggio di una o più morse e/o attrezzature già predisposte tra loro comprensivo di controllo manuale. Il prezzo di listino comprende manodopera, viti, staffe e tasselli per singola morsa.

Assembly of one or more vises or equipments already interfaced between themselves complete of manual check. The list price includes working hours, screws, holding clamps and key-nuts for only one vise.

Cubo con morse
 Cube with vises


Art.296

 TABULATO controllo DEA - MAN-100-STD
 PRINTOUT DEA control - MAN-100-STD

Cubo con morse
 Cube with vises


Art.83

 TABULATO controllo DEA - MAN-100-STD
 PRINTOUT DEA control - MAN-100-STD

Diagrammi di serraggio / Clamping diagrams

XL extra long bases

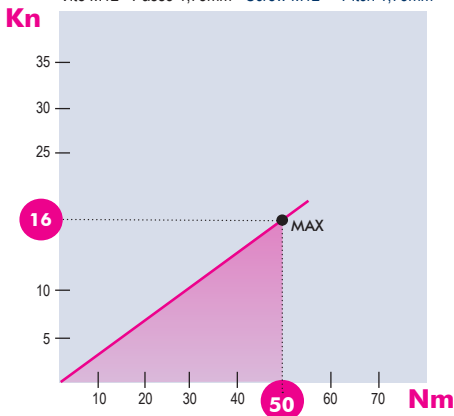
Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench

Morse tipo Vises type

1

Vite M12 - Passo 1,75mm - Screw M12 - Pitch 1,75mm

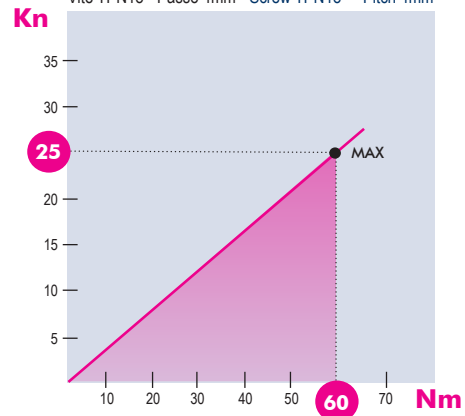


Art. 357

Morse tipo Vises type

2

Vite TPN18 - Passo 4mm - Screw TPN18 - Pitch 4mm



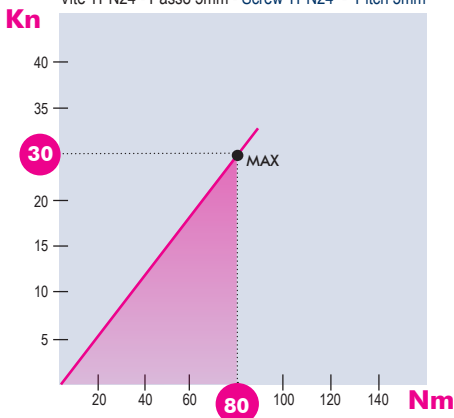
Gruppi di serraggio meccanici (Art. 258 e similari) / Mechanical clamping devices (Art. 258 and similar)

I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 1 a 6), in funzione del momento applicato
 The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 6) depending on the torque

Morse tipo Vises type

3-4

Vite TPN24 - Passo 5mm - Screw TPN24 - Pitch 5mm

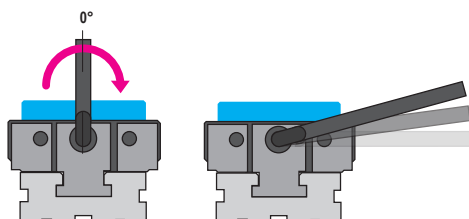
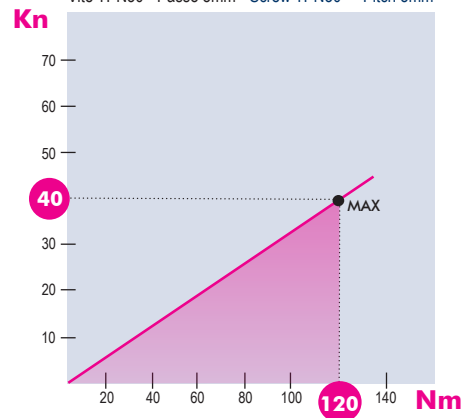


Art. 357

Morse tipo Vises type

5-6

Vite TPN30 - Passo 5mm - Screw TPN30 - Pitch 5mm



Serrare il pezzo agendo sulla vite di spinta con la chiave in dotazione senza utilizzare tubi o martelli.
 Attention: nel serraggio basta 1/4 di giro della chiave dal momento in cui la ganaschia tocca il particolare.

Clamp the workpiece turning clockwise the main spindle through the box wrench without using tubes or hammers.
 Attention: for the right clamping operation 1/4 of a turn of the box wrench is enough

| Type (Size) | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------|----|----|----|----|----|----|
| Kn | 12 | 26 | 36 | 46 | 50 | 50 |

Valori indicativi Kn raggiunte a 90°
 Kn indicative values at 90°

NB: Alcuni fattori, come la lubrificazione, lo staffaggio, gli attriti ed altro, possono modificare i valori indicati fino a ± 10%. Per un corretto utilizzo non superare i valori indicati nel grafico
 Some factor as lubrication, clamping on the machine table, frictions and more can modify above values within a ± 10% range. For optimum operation do not exceed chart values.

CONTROLLO ALLINEAMENTO TRA CAVA TRASVERSALE E GANASCIA FISSA

ALIGNMENT BETWEEN THE CROSS KEYWAY AND THE FIXED JAW PLATE

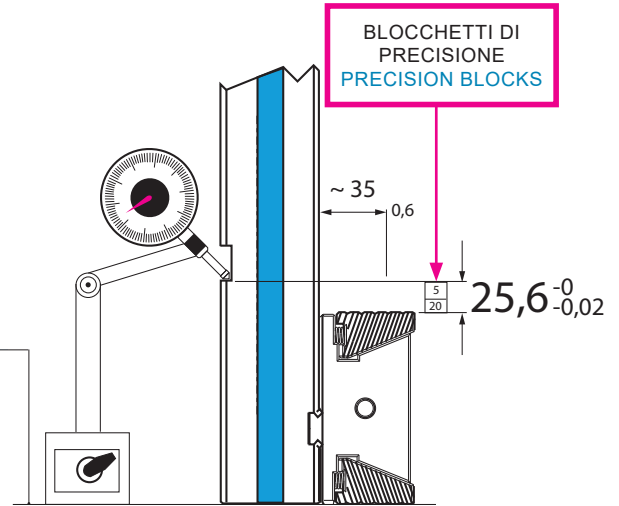
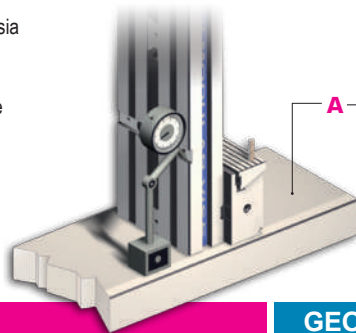
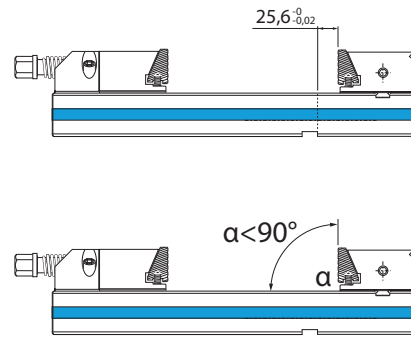
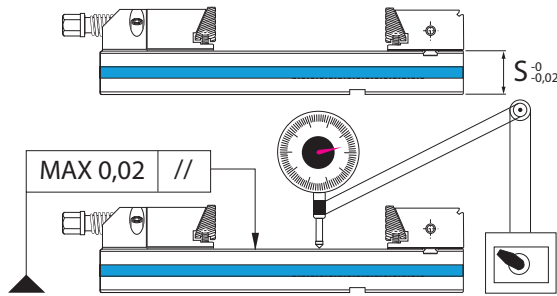
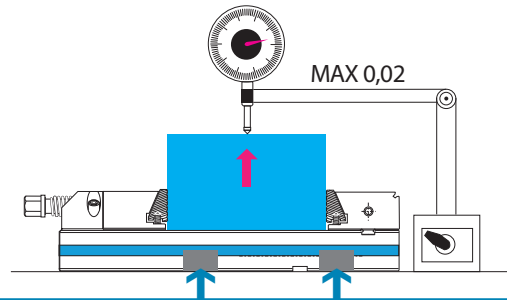
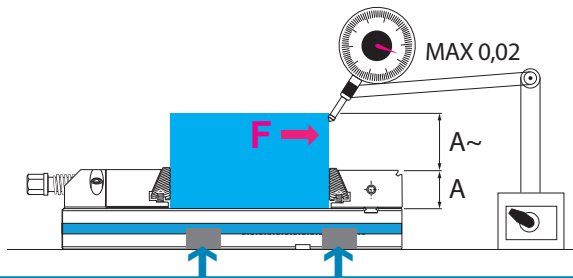
2


Libretto Istruzioni / Instruction Book

Scansiona il QR code e scarica le istruzioni complete

Scan the QR code to download the complete instructions

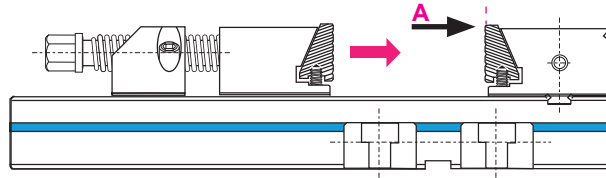
 Posizionare la morsa verticalmente assicurandosi che sia perfettamente parallela al piano di appoggio **A** nei due sensi. Successivamente, con un comparatore centesimale, controllare il parallelismo del piano cava e della ganascia fissa.

 Set the vise vertically ensuring that it is perfectly parallel to the table **A** in both sides. Then with an indicator check the parallelism of the keyway and its alignment with the fixed jaw plate.

TOLLERANZE GEOMETRICHE
GEOMETRIC ACCURACIES

TOLLERANZE DINAMICHE
DYNAMIC ACCURACIES


Morsa ancorata con 2 coppie di staffe Art.296 / Vise clamped with n. 2 pairs of Art.296

 Valori di flessione nel punto "A" in relazione alle forze di serraggio **PER MORSE TIPO 3**
 Deflection values at "A" in relation to clamping powers **FOR TYPE 3 VISES**

1 kgf . m = 9.806 Nm



| Kn | mm |
|----|-------|
| 60 | 0.1 |
| 50 | 0.07 |
| 40 | 0.05 |
| 30 | 0.03 |
| 20 | 0.02 |
| 10 | 0.01 |
| 5 | 0.004 |
| 2 | 0.002 |

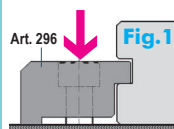
Il sistema consigliato per l'ancoraggio della morsa sulla tavola macchina è tramite STAFFE Art.296. (Fig.1)

E' possibile ancorare la morsa tramite viti centrali, ma in questo caso la quota X potrebbe flettere e compromettere lo scorrimento della ganascia mobile. (Fig.2)

Nella tabella seguente sono riportati i valori di coppia massima applicabile mediante chiave dinamometrica

We recommend to fix the vises to the machine table using clamps Art. 296. (Fig. 1) The vise can be also fixed by means of central screws, but, this way, the X quota may suffer a bending and compromise the sliding of the movable jaws. (Fig. 2)

In the following table you can find the maximum torque values applicable through torque wrench.


ACEMTEC
 GROUPE DORISE

03 25 90 34 47

commercial@acemtec.fr

www.groupedorise.fr

DMI
 GROUPE DORISE

05 34 40 16 40

commercial@dmi31.com

www.groupedorise.fr

ILTEC
 GROUPE DORISE

04 75 48 91 49

commercial@iltec-france.com

www.groupedorise.fr

LANGLET
 GROUPE DORISE

03 22 60 22 00

commercial@langlet.fr

www.groupedorise.fr

MECACOUBE
 GROUPE DORISE

02 48 65 17 11

commercial@mecacoupe.com

www.groupedorise.fr