GERARDI

2

To clamp workpieces of unusual dimension!

XL - XLFLEX

Morse e Cubi / Vises & Vise Towers

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SIMBOLOGIA DATI TECNICI
TECHNICAL DATA ICONS

GANASCE JAWS	Fissa Fixed	Mobile Movable	Intermedia Intermediate	Fissa con piastra singola Fixed with single plate	Fissa con piastra doppia Fixed with double plate	Ganasce sovrappo-nibili Stack Type Jaws	**POSSIBILITÀ POSSIBILITY**	Serraggio di 1 particolare Clamping only 1 piece	Serraggio di 2 particolar1 Clamping 2 pieces	Montaggio sul fianco o in serie Side moun-ting or gang operation	Predisposi-zione Zero Point Zero Point ready	Cubi-morsa Vise tower
PIASTRE GANASCE JAW PLATES		Discendente Pull down	Piana Straight	Cambio ra-pido manuale Quick manu-al change XL FLEX	GRIP integrale integral GRIP	Inserti GRIP GRIP Inserts	**PAGINE PAGES**			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.
AGGIUNTA di un foro calibrato ADDITION of a calibrated hole	MAN-010-STD
AGGIUNTA di una chiavetta calibrata ADDITION of a calibrated key-way	MAN-020-STD
PREDISPOZIONE SEMPLICE SIMPLE SET UP	MAN-030-STD
PREDISPOSIZIONE & MONTAGGIO COMPLETO COMPLETE SET UP & MOUNTING	MAN-040-STD
MONTAGGIO PARZIALE PARTIAL ASSEMBLY	MAN-050-STD

Lavorazione extra Extra machining	Cod.
MONTAGGIO SEMPLICE SIMPLE ASSEMBLY	MAN-060-STD
MONTAGGIO ed ALLINEAMENTO (Standard) (Standard) ASSEMBLY and ALIGNMENT	MAN-070-STD
MONTAGGIO VERTICALE COMPLETE VERTICAL ASSEMBLY	MAN-080-STD
ALLINEAMENTO e CONTROLLO tramite DEA ALIGNMENT and CONTROL by DEA \ CMM	MAN-090-STD
TABULATO controllo DEA PRINTOUT DEA control	MAN-100-STD

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

2

Morse / Vises

XL EXTRA LONG BASES

Come le morse Standard, ma con la base moooolto più lunga!

As the Standard vises but with a looooonger base

Precisione / Accuracy
±0,02mm

HRC

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 particulares 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 ganascia) 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 intecambiabili 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



Ganasce fisse doppie
Double Fixed Jaws

Ganasce 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 workcicle 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 appropiate 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 workcicle 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 lenghts 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

5 YEARS WARRANTY

Ideali per particolari di grandi dimesioni !

To clamp workpieces of unusual dimension!

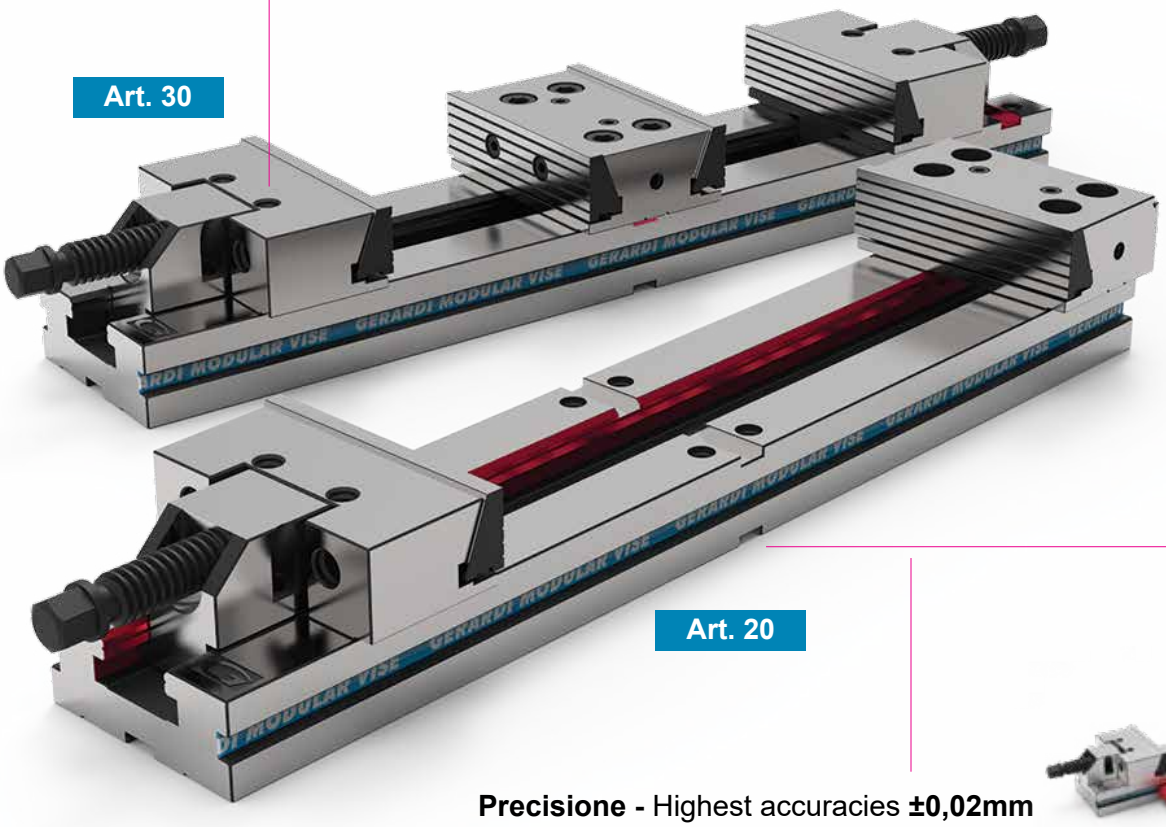
Chiavette
Independent Clamping

Due serie di chiavette per due posizioni alternative delle ganasce fisse doppie

Two differents keyways for two alternatives positions of the double fixed jaw



Art. 30



Art. 20



Precisione - Highest accuracies ±0,02mm

Slittone base con tutte le superfici di scorrimento ed accoppiamento rettificate.L'allineamento agli assi della macchina avviene grazie alle chiavette longitudinali e trasversali (16H7) o fori di posizionamento (Ø16mm 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 tollerances 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 (Ø16 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 2026

2

XL extra long bases

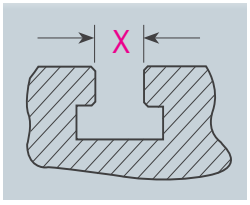
Coppia staffe di fissaggio Art.296, complete di vite e dado a "T"

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



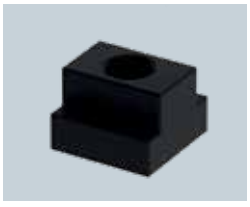


Cava a T

T Slot

Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension

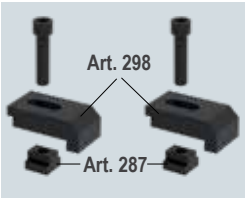


Art.287 (Pag.4.34)

Dadi a T - T Nuts

Per fissaggio morse alle cave a T della macchina

For vise clamping on the machine T-slots



Art.296

(Art.298 + 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 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	M12	M16 *
1 X M8	A	50	50	50	50	76	76	86	86
	B	24	24	24	24	30	30	40	40
	C	6	6	6	6	6	6	10	10
	Ø D	8,5	11	13	17	13	17	13	17
	E	10	10	10	10	13	13	15	15
	Ø F	14	-	-	-	-	-	-	-
	G	14	16	17,5	19	17	16	26	26
	G1	17	15	13	9	22	15	27	27
	H	34	34	34	34	42	42	50	50
	I	8	10	10	10	-	-	-	-
	J	4	4	4	4	10	10	10	10
	T ± 0,1	15	15	15	15	20	20	26	26
	Cod.	2.29.61000 / M8	2.29.61000 / M10	2.29.61000 / M12	2.29.61000 / M16	2.29.63000 / M12	2.29.63000 / M16	2.29.65000 / M12	2.29.65000 / M16

*Scelta consigliata - Suggested choice

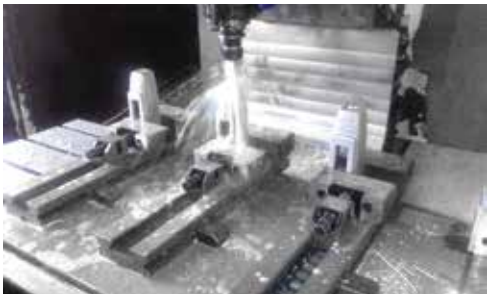
**Scelta NON consigliata - NO Suggested choice*

Soluzioni personalizzate / Customized solutions

XL extra long bases

Soluzioni personalizzate a tutti i vostri problemi di serraggio

Customized solutions for all your clamping problems

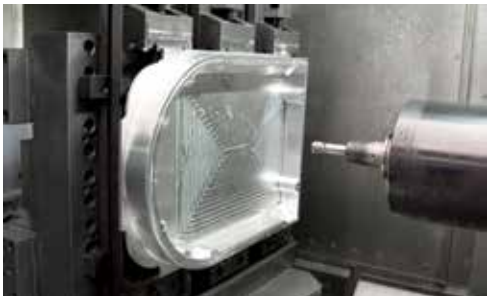


Morse XL

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

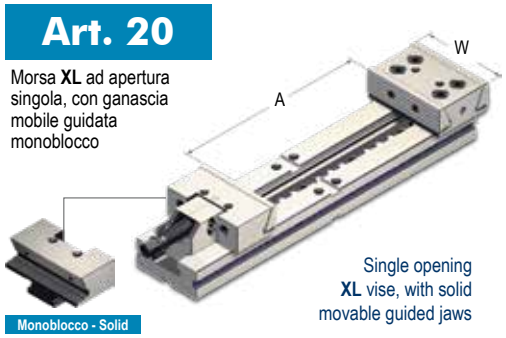
All vises and accessories are modular and components of all our vises will interchange with perfect alignement to upgrade your vise and provide different workholding solutions

2

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.	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



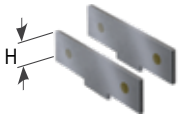
Monoblocco - Solid

Single opening **XL** vise, with solid movable guided jaws

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313

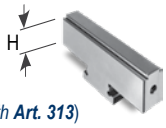
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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

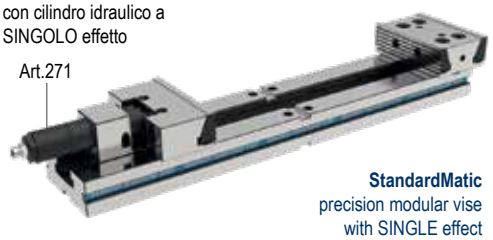


Cod.	1.24.2G100	1.24.2G200	1.24.2G300	1.24.2G400

Art. 20E

NEW 2026

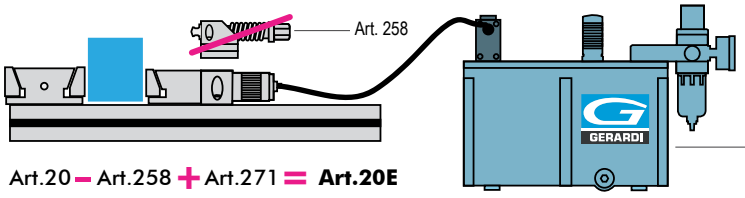
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



Art.20 − Art.258 + Art.271 = **Art.20E**

CENTRALINA POWER UNIT **(EXTRA)**

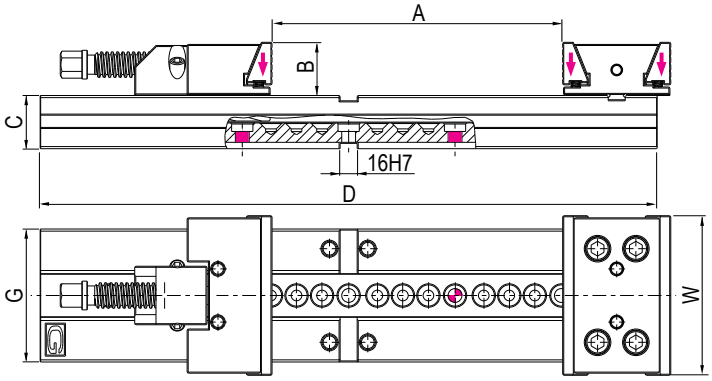
Dotazione standard:

- 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 chiavetta (tolleranza H7) - MAN-020-STD :



Art. 20
Art. 370
Art. 297
Art. 375
Art. 376



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	4.31.3600C
Art. 313		
	53	68
	1.21.25000	1.21.26000
Art. 212		
	2.21.75000	2.21.76000
Art. 217		
	1.24.2G500	1.24.2G600
Art. 242G		

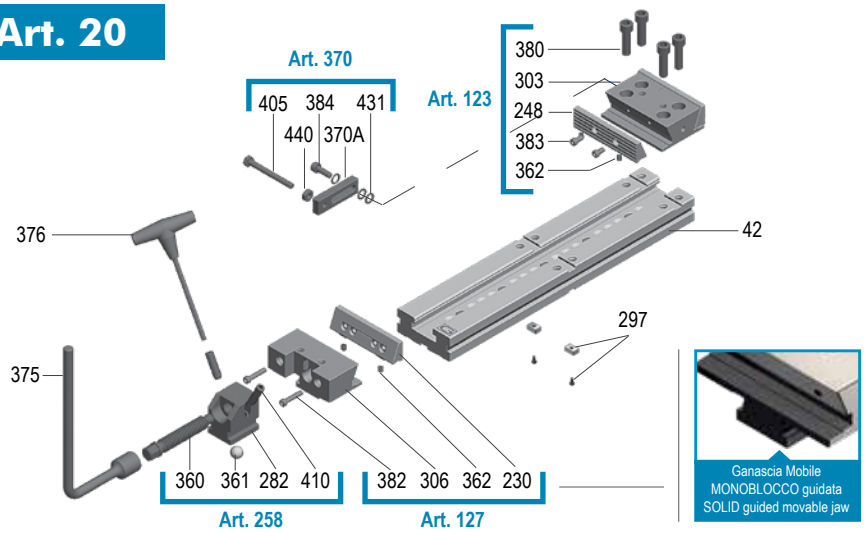
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 20



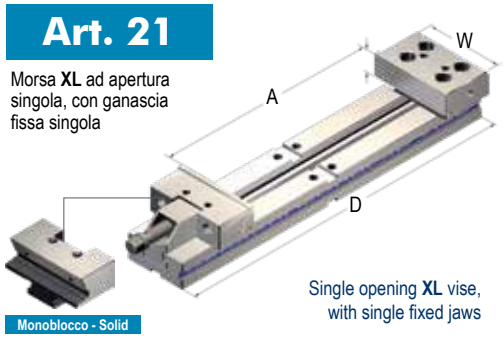
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Art.	Pag.
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431	4.28
440	4.28
-	-

2

Art. 21

Morsa **XL** ad apertura singola, con ganascia fissa singola



Monoblocco - Solid

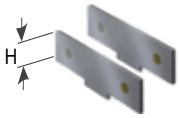
Single opening **XL** vise, with single fixed jaws

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

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313

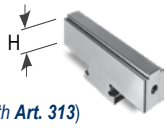
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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

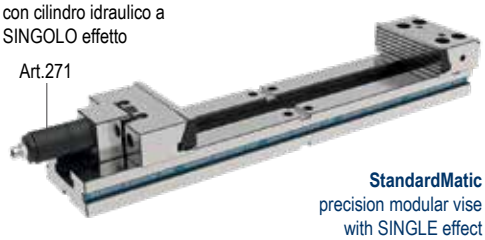


Cod.	1.24.2G100	1.24.2G200	1.24.2G300	1.24.2G400

Art. 21E

NEW 2026

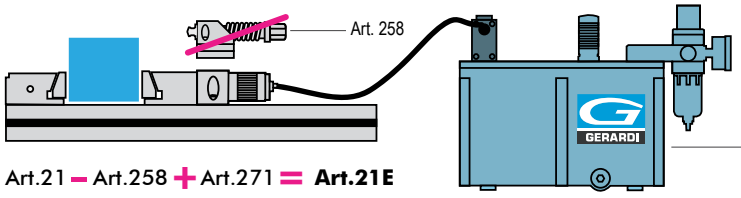
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic
precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic

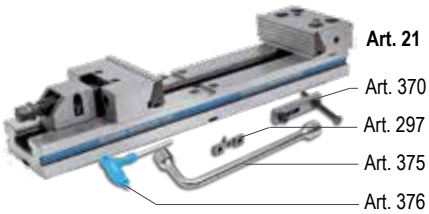


Art.21 − Art.258 + Art.271 = **Art.21E**

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

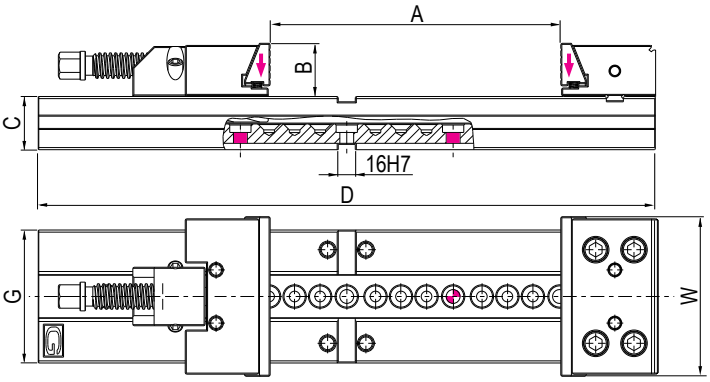
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

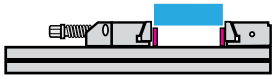
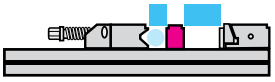
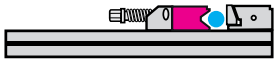
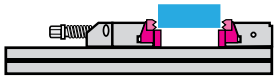
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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.	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	4.31.3600C
Art. 313		
	53	68
	1.21.25000	1.21.26000
Art. 212		
	2.21.75000	2.21.76000
Art. 217		
	1.24.2G500	1.24.2G600
Art. 242G		

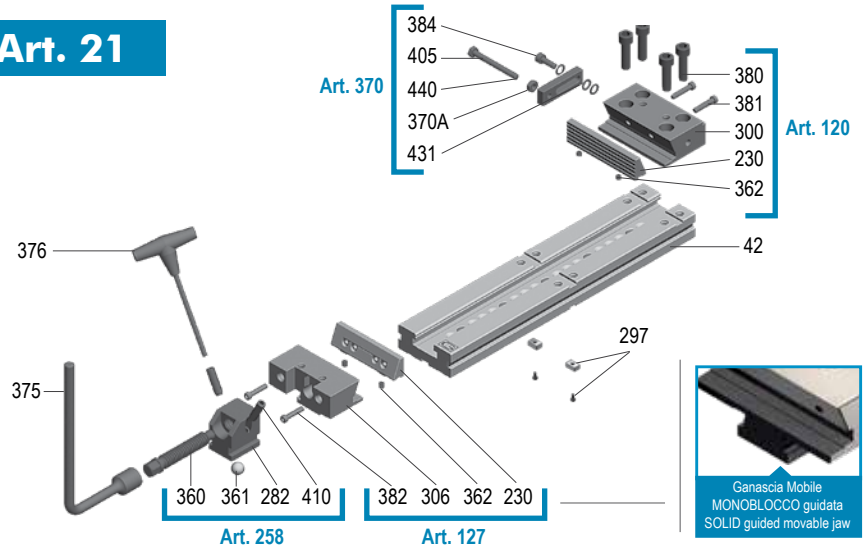
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 21



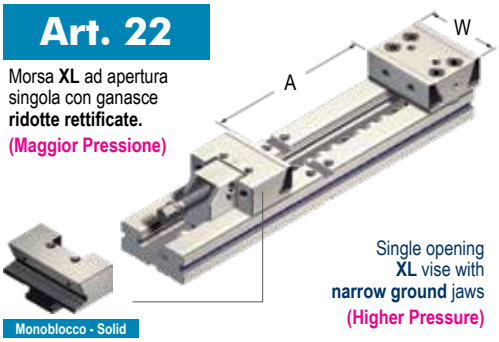
Art.	Pag.
42	2.32
230	4.9
248	4.9
282	4.36
297	4.34
300	4.29
306	4.29
360	4.36
361	4.36
362	4.28
370A	4.35

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

Art. 22

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



Monoblocco - Solid

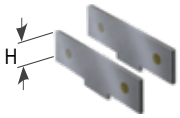
Single opening **XL** vise with **narrow ground** jaws
(Higher Pressure)

Tipo (grandezza) morsa / Vise type (size)		1	2	3		4			
	kN	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.	3.21.00220	3.22.10220	3.23.20220	3.23.30220	3.24.20220	3.24.30220	3.24.40220	3.24.50220

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313R

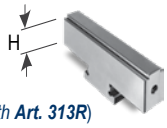
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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

Art. 213

Ganascia 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

Ganascia mobile prismatica
Prismatic movable jaw



Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000

Art. 243G

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

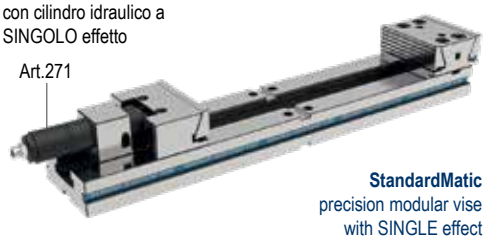


Cod.	1.24.3G100	1.24.3G200	1.24.3G300	1.24.3G400

Art. 22E

NEW 2026

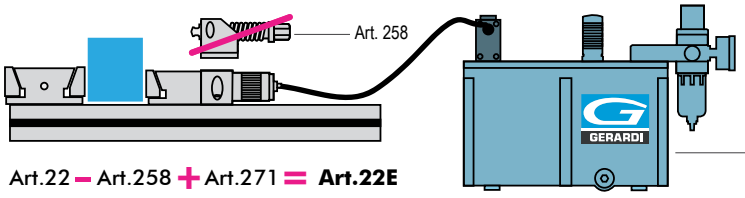
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



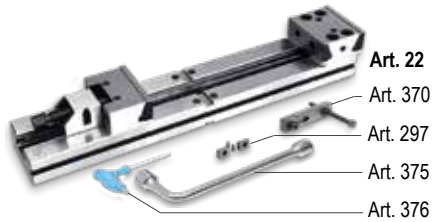
Art.22 − Art.258 + Art.271 = **Art.22E**

CENTRALINA POWER UNIT
(EXTRA)

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

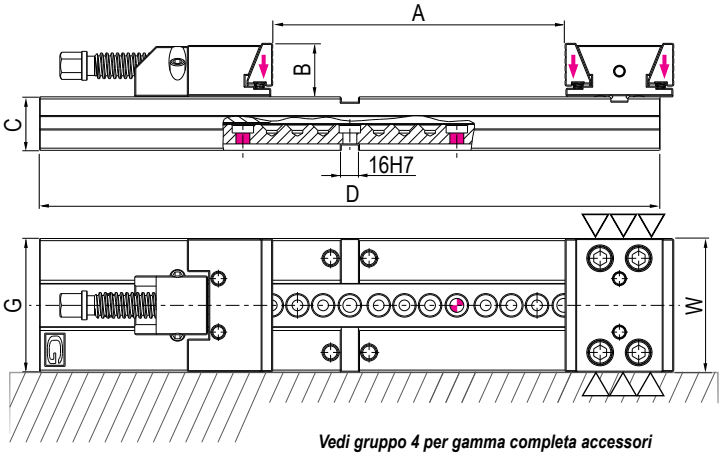
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

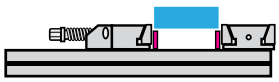
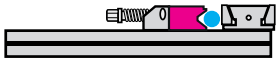
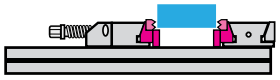
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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.	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 !

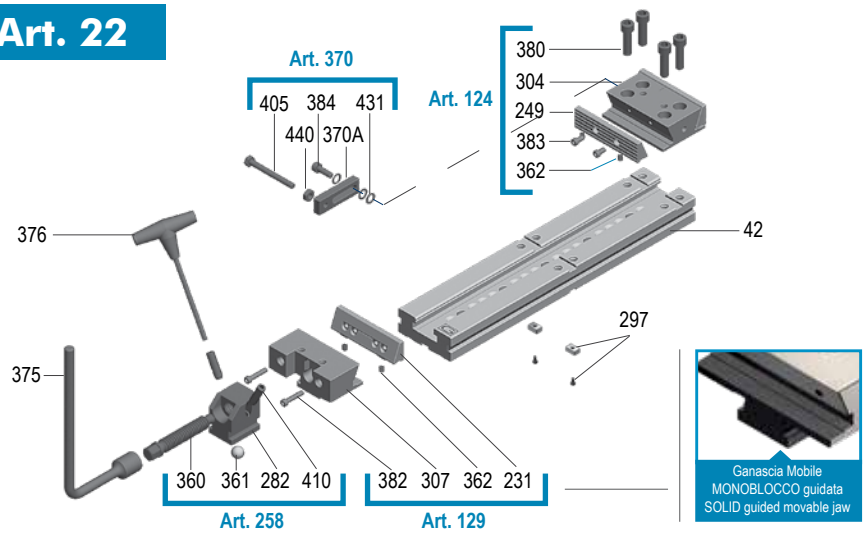
	4.31.3R50C	4.31.3R60C
Art. 313R		
	53	68
	1.21.35000	1.21.36000
Art. 213		
	2.21.85000	2.21.86000
Art. 218		
	1.24.3G500	1.24.3G600
Art. 243G		
Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41	

StandardMatic VISES



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

Art. 22



Art.	Pag.
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

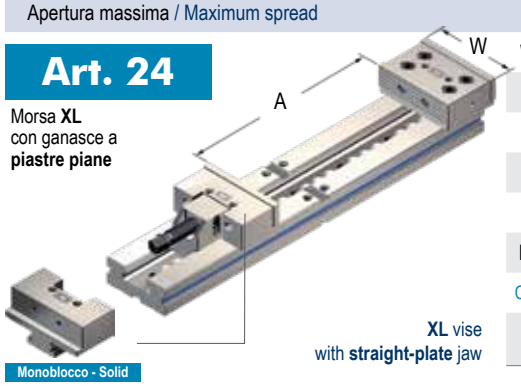
Art.	Pag.
375	4.35
376	4.35
380	4.28
382	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-

2

Tipo (grandezza) morsa / Vise type (size)		1	2	3		4			
	kN	16 kN	25 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

Art. 24

Morsa **XL**
con ganasce a
piastre piane



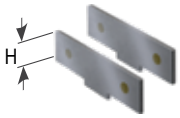
XL vise
with **straight-plate** jaw

Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313

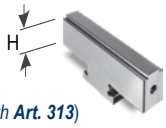
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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. 246

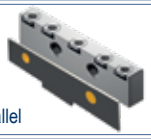
Piastra piana in acciaio lavorabile
Machinable steel straight jaw plate



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

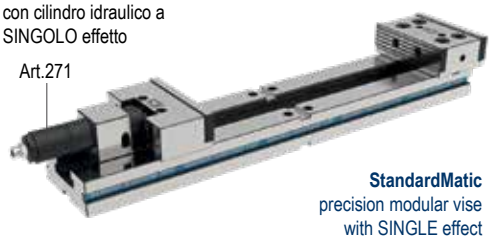


Cod.	1.24.6G100	1.24.6G200	1.24.6G300	1.24.6G400

Art. 24E

NEW 2026

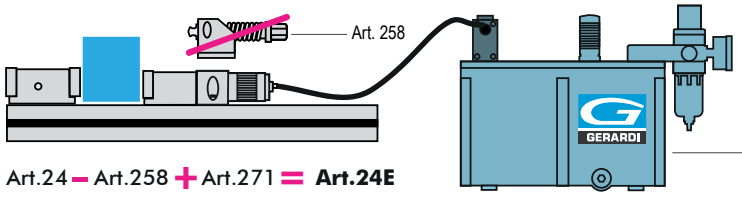
Morsa modulare **StandardMatic**
con cilindro idraulico a
SINGOLO effetto



StandardMatic
precision modular vise
with SINGLE effect
hydraulic cylinder

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

MORSE StandardMatic

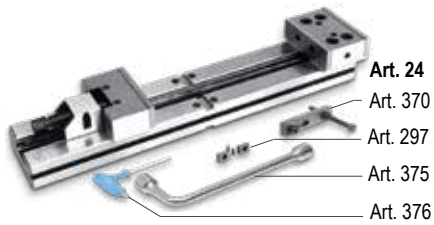


Art.24 − Art.258 + Art.271 = **Art.24E**

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

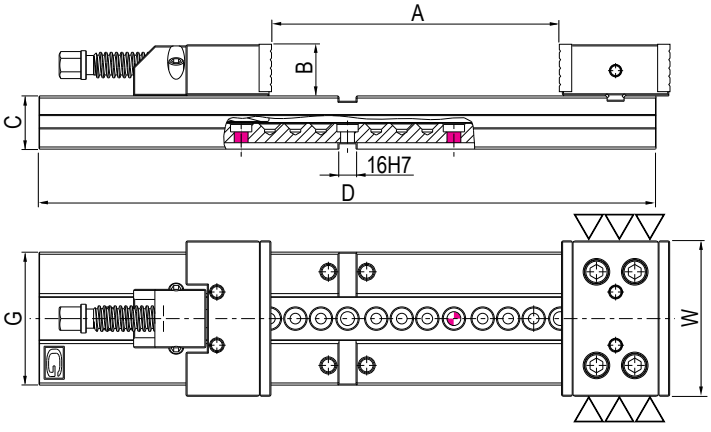
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

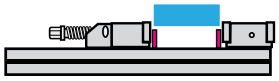
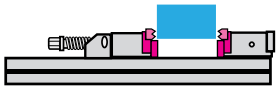
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :

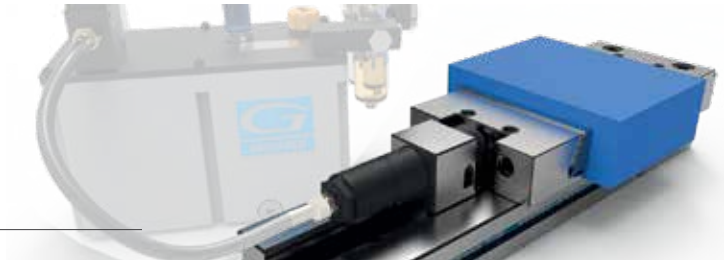


Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories

	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

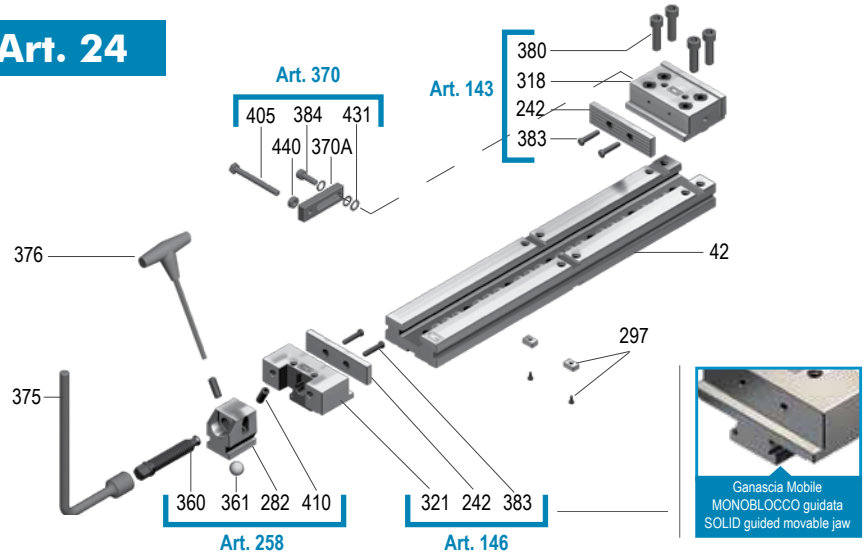
UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

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



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

Art. 24



Art.	Pag.
42	2.32
242	4.11
282	4.36
297	4.34
318	4.30
321	4.30
360	4.36
361	4.36
370A	4.35
375	4.35
376	4.35

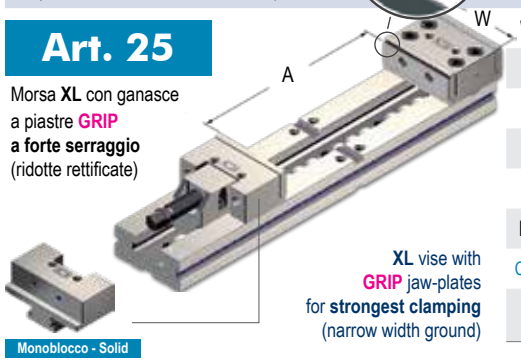
Art.	Pag.
380	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-
-	-
-	-
-	-

2

Tipo (grandezza) morsa / Vise type (size)	kN	1	2	3		4			
		16 kN	25 kN	30 kN		30 kN			
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 rettificate)



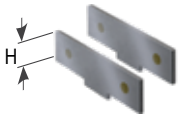
XL vise with **GRIP** jaw-plates for **strongest clamping** (narrow width ground)

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. 218

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



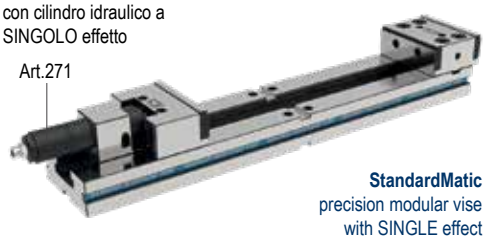
Cod.	1.24.7G100	1.24.7G200	1.24.7G300	1.24.7G400

Art. 25E

NEW 2026

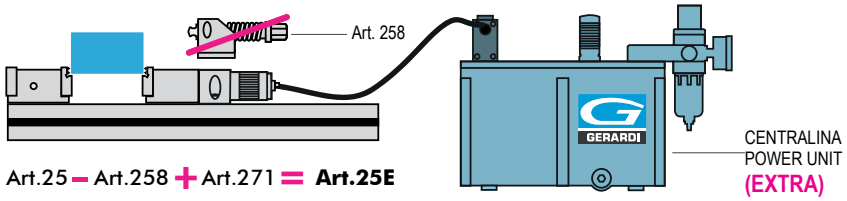
Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

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



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

MORSE STANDARDMATIC - STANDARDMATIC VISES

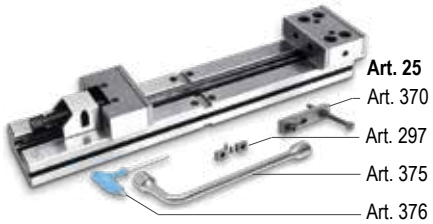


Art.25 − Art.258 + Art.271 = **Art.25E**

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

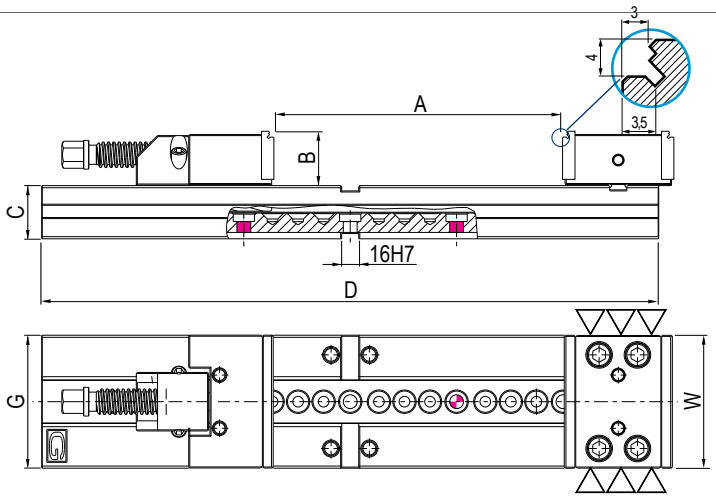
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

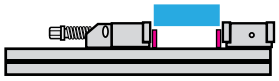
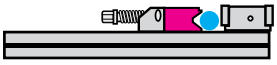
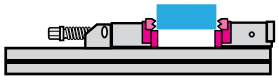
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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 !

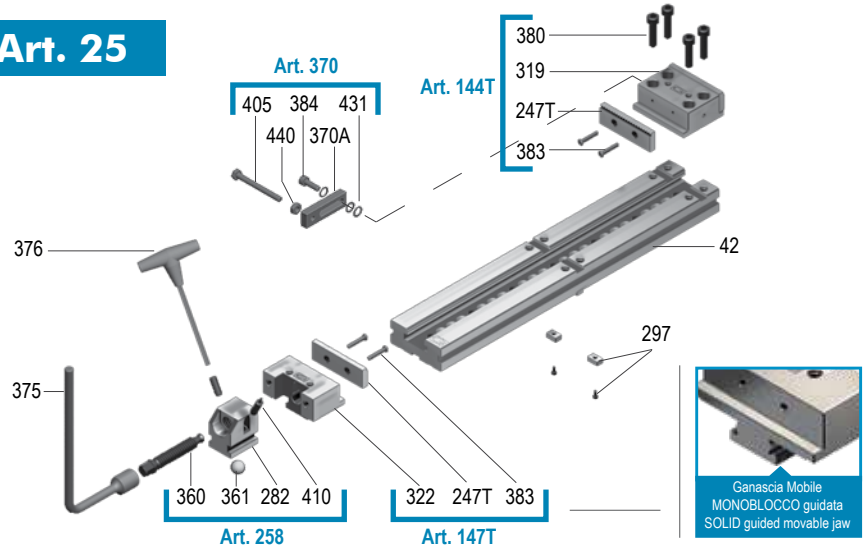
	4.31.3R50C	4.31.3R60C
Art. 313R		
	53	68
	2.21.85000	2.21.86000
Art. 218		
	1.65.57200	1.65.67200
Art. 247		
	1.24.7G500	1.24.7G600
Art. 247G		
Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41	

StandardMatic VISES



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

Art. 25



Art.	Pag.
42	2.32
247T	4.11
282	4.36
297	4.34
319	4.30
322	4.30
360	4.36
361	4.36
370A	4.35
375	4.35
376	4.35

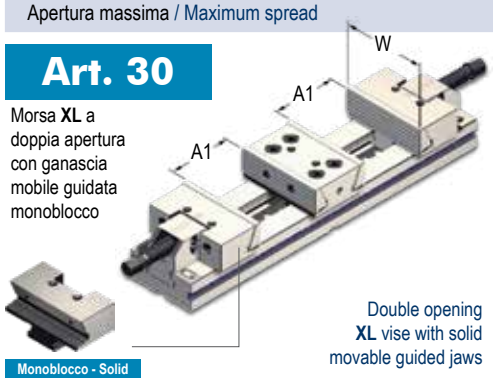
Art.	Pag.
380	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-
-	-
-	-
-	-

2

Tipo (grandezza) morsa / Vise type (size)		1	2	3		4			
	kN	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	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

Art. 30

Morsa **XL** a doppia apertura con ganascia mobile guidata monoblocco



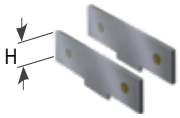
Monoblocco - Solid

Double opening **XL** vise with solid movable guided jaws

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313

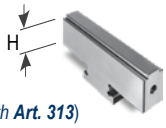
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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

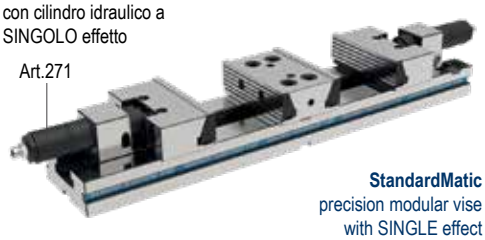


Cod.	1.24.2G100	1.24.2G200	1.24.2G300	1.24.2G400

Art. 30E

NEW 2026

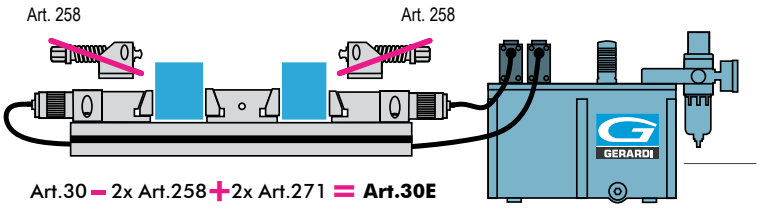
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



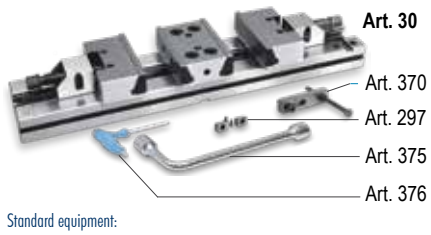
CENTRALINA POWER UNIT **(EXTRA)**

Art.30 − 2x Art.258 + 2x Art.271 = **Art.30E**

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

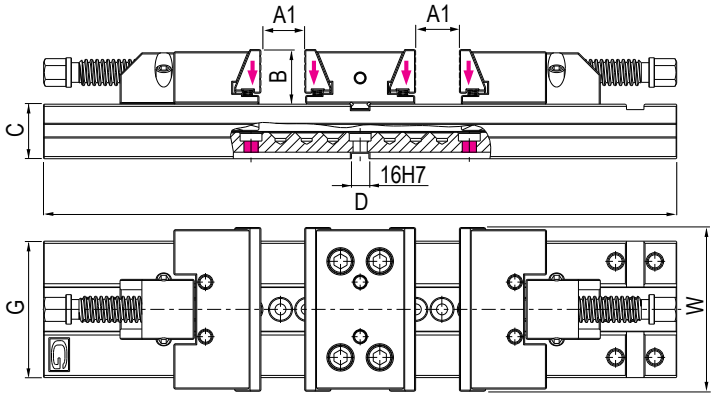
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

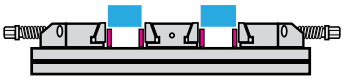
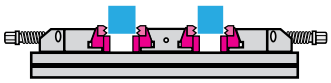
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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
		
Art. 212	1.21.25000	1.21.26000
		
Art. 217	2.21.75000	2.21.76000
		
Art. 242G	1.24.2G500	1.24.2G600
		

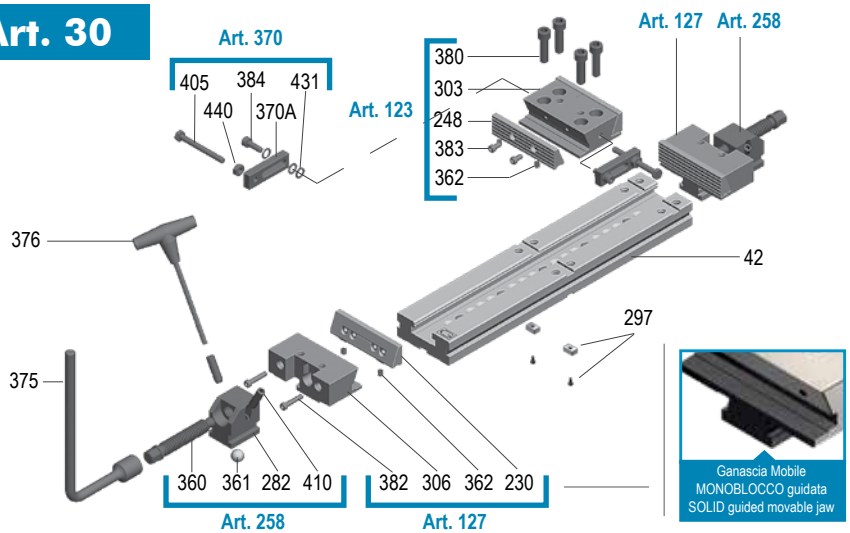
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

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

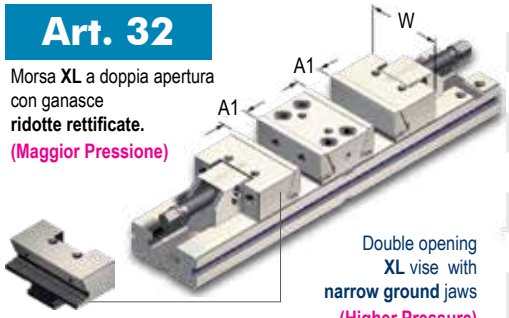
Art.	Pag.
375	4.35
376	4.35
380	4.28
382	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-

2

Tipo (grandezza) morsa / Vise type (size)		1	2	3		4			
	kN	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	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

Art. 32

Morsa **XL** a doppia apertura con ganasce **ridotte rettificate.**
(Maggior Pressione)



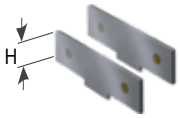
Double opening **XL** vise with **narrow ground** jaws
(Higher Pressure)

Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313R

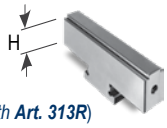
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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

Art. 213

Ganascia 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

Ganascia mobile prismatica
Prismatic movable jaw



Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000

Art. 243G

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

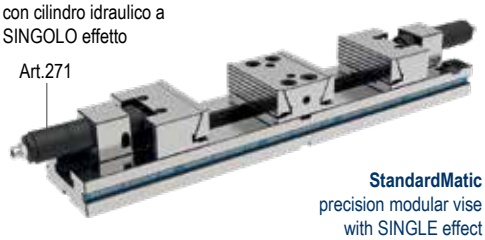


Cod.	1.24.3G100	1.24.3G200	1.24.3G300	1.24.3G400

Art. 32E

NEW 2026

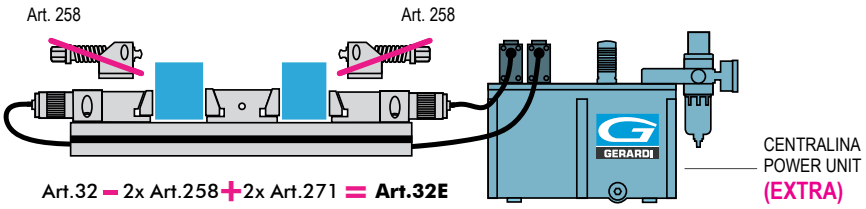
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic
precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



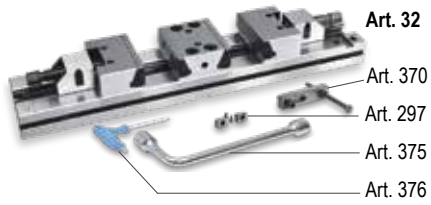
CENTRALINA POWER UNIT
(EXTRA)

Art.32 − 2x Art.258 + 2x Art.271 = **Art.32E**

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

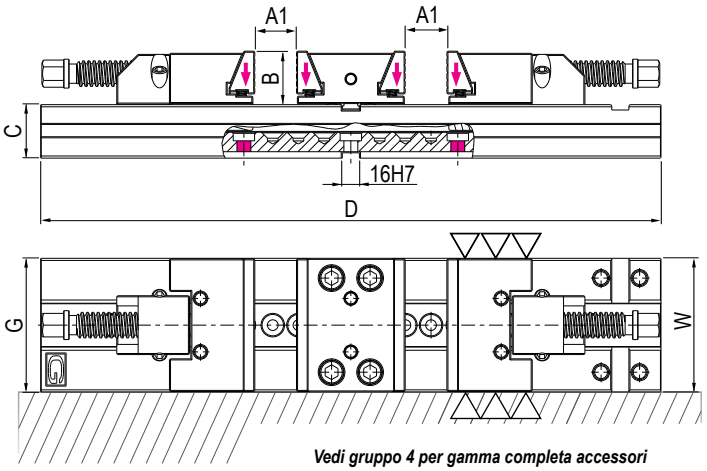
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

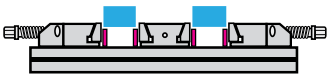
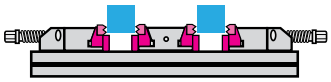
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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			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 !

	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		

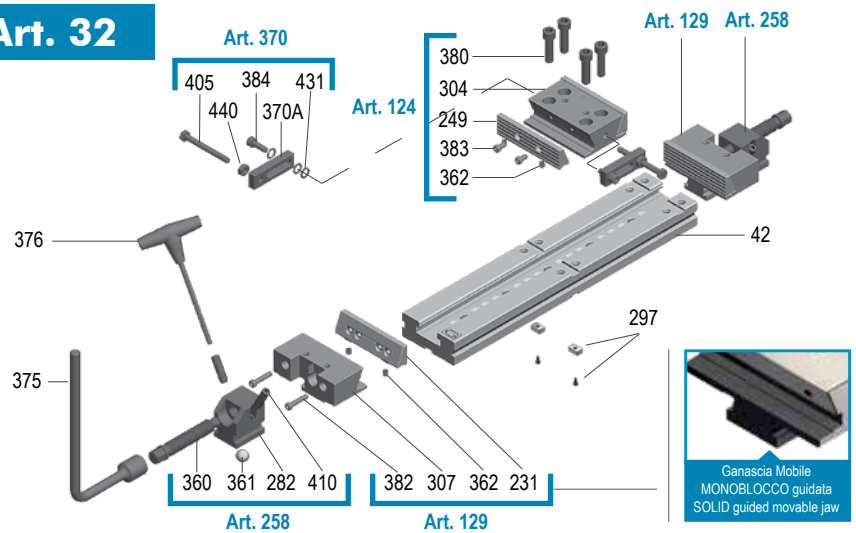
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 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

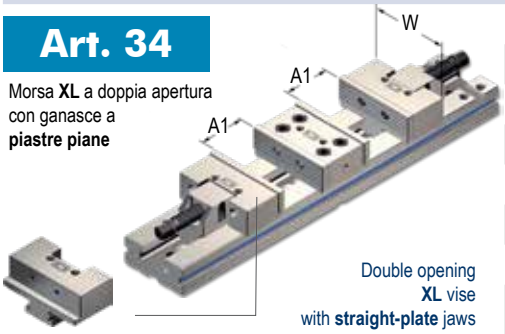
Art.	Pag.
375	4.35
376	4.35
380	4.28
382	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-

2

Tipo (grandezza) morsa / Vise type (size)	kN	1 16 kN	2 25 kN	3 30 kN		4 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	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

Art. 34

Morsa **XL** a doppia apertura con ganasce a **piastre piane**



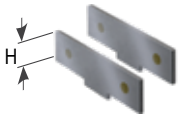
Double opening **XL** vise with **straight-plate** jaws

Monoblocco - Solid

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 313

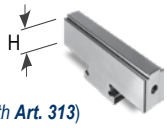
Coppia di Parallele magnetiche
Pair of magnetic parallel plates



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. 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

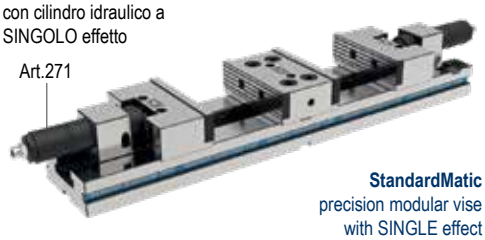


Cod.	1.24.6G100	1.24.6G200	1.24.6G300	1.24.6G400

Art. 34E

NEW 2026

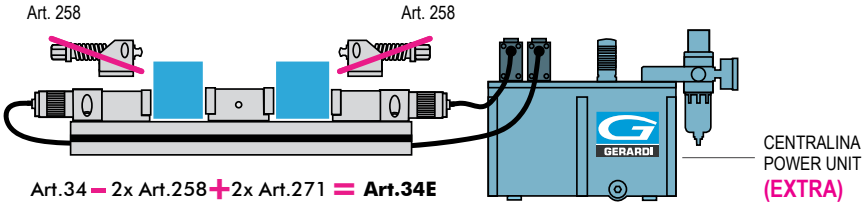
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



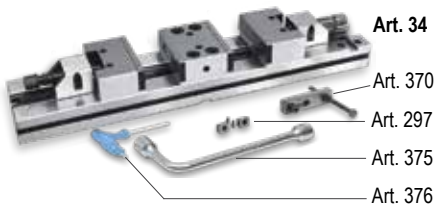
Art.34 − 2x Art.258 + 2x Art.271 = **Art.34E**

CENTRALINA POWER UNIT **(EXTRA)**

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

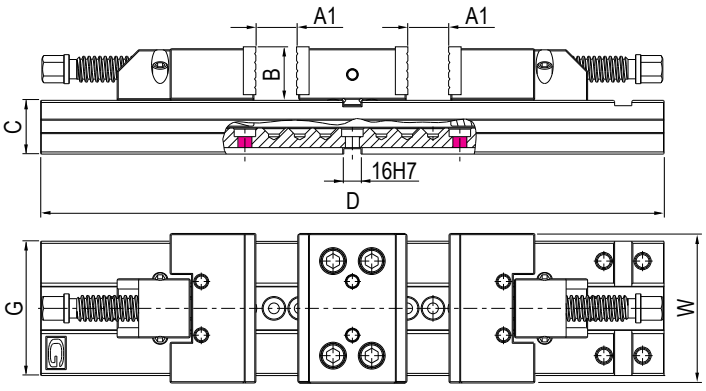
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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 !

	4.31.3500C	4.31.3600C
Art. 313		
	53	68
	1.21.25000	1.21.26000
Art. 212		
	1.65.56200	1.65.66200
Art. 246		
	1.24.6G500	1.24.6G600
Art. 246G		

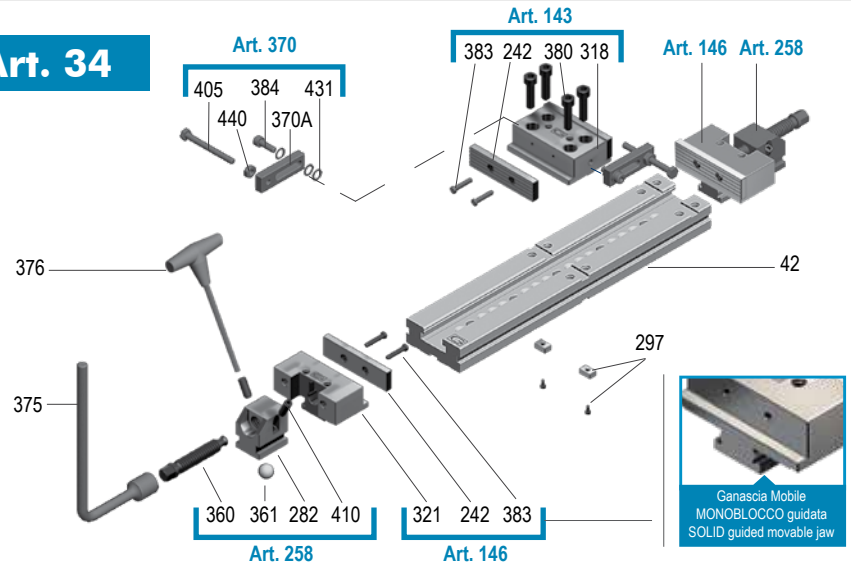
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 34



Art.	Pag.
42	2.32
242	4.11
282	4.36
297	4.34
318	4.30
321	4.30
360	4.36
361	4.36
370A	4.35
375	4.35
376	4.35

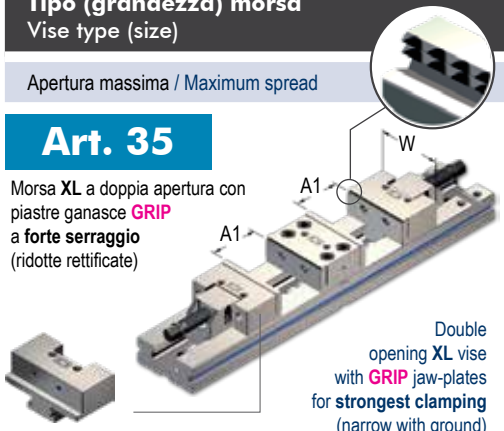
Art.	Pag.
380	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-
-	-
-	-
-	-

2

Tipo (grandezza) morsa / Vise type (size)	kN	1	2	3		4			
		16 kN	25 kN	30 kN		30 kN			
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

Art. 35

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



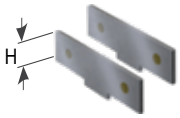
Double opening **XL** vise with **GRIP** jaw-plates for **strongest clamping** (narrow with ground)

Monoblocco - Solid

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

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

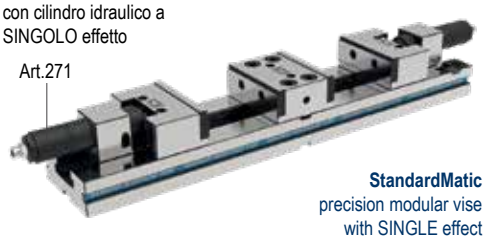


Cod.	1.24.7G100	1.24.7G200	1.24.7G300		1.24.7G400

Art. 35E

NEW 2026

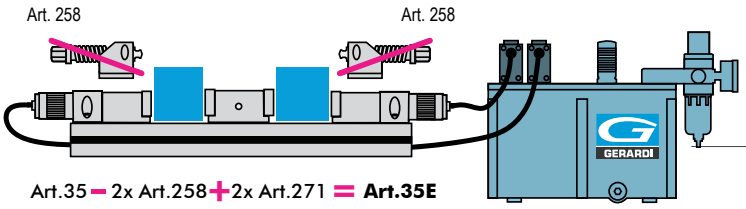
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



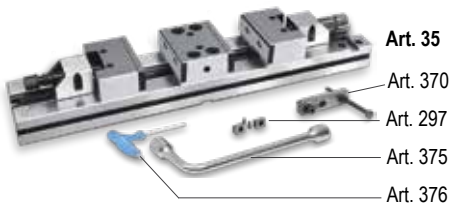
Art.35 − 2x Art.258 + 2x Art.271 = **Art.35E**

CENTRALINA POWER UNIT **(EXTRA)**

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

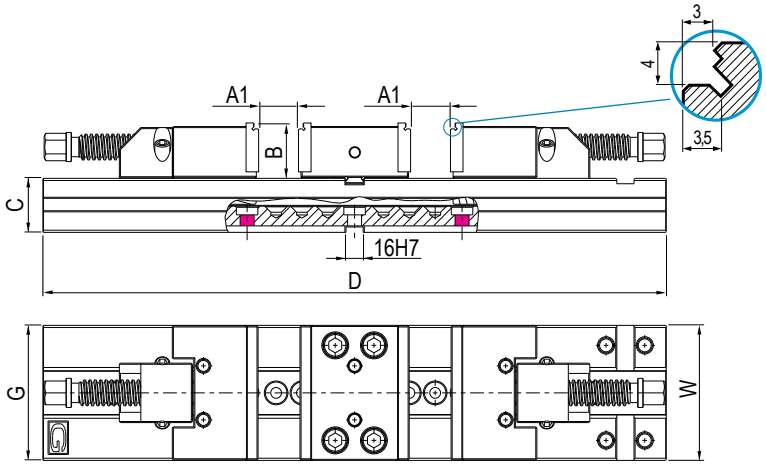
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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

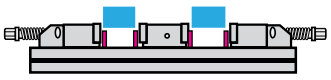
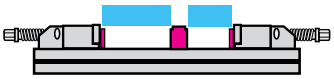
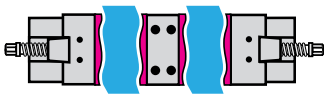
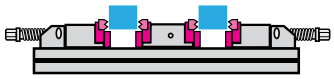
Extra charge for each calibrated hole (F7 tolerance) - MAN-010-STD :
Extra charge for each calibrated key nut (F7 tolerance) - MAN-020-STD :



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			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 !

	4.31.3R50C	4.31.3R60C
Art. 313R		
	53	68
	2.21.85000	2.21.86000
Art. 218		
	1.65.57200	1.65.67200
Art. 247		
	1.24.7G500	1.24.7G600
Art. 247G		

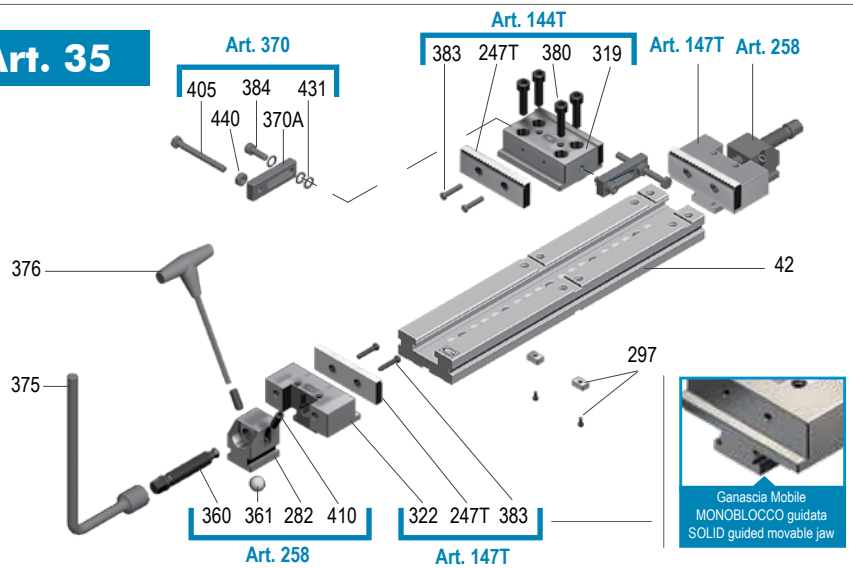
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 35



Art.	Pag.
42	2.32
247T	4.11
282	4.36
297	4.34
319	4.30
322	4.30
360	4.36
361	4.36
370A	4.35
375	4.35
376	4.35

Art.	Pag.
380	4.28
383	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
-	-
-	-
-	-
-	-

2

Morse e Cubi / Vises & Vise Towers

XL (flex)

Precisione / Accuracy
±0,02mm

HRC

Durezza / Hardened
HRC 58±2

Basi extra lunghe e piastre ganasce a cambio rapido!

Extra long bases and quick interchangeable jaw plate !

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 ±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 particulares 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

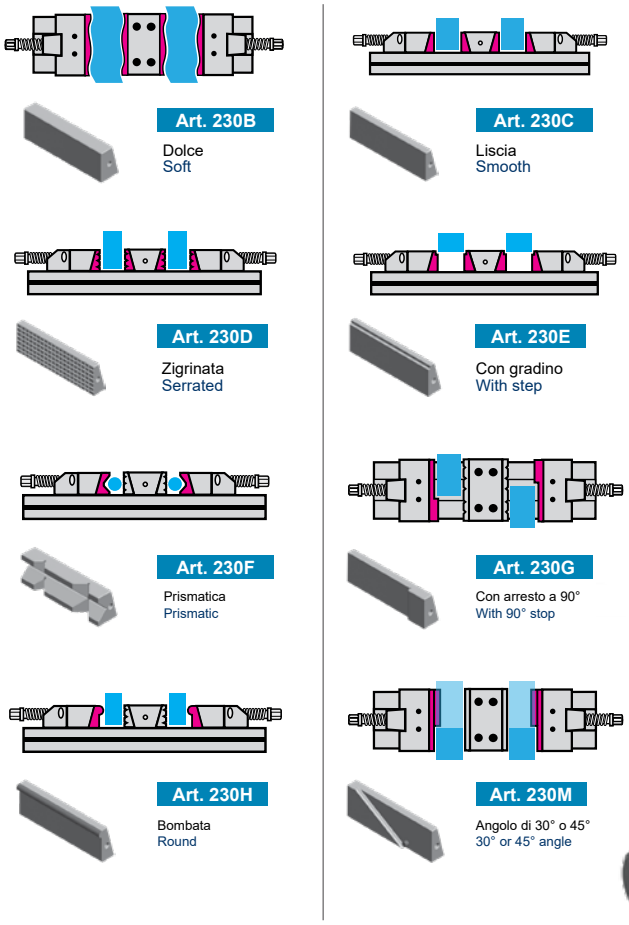
La semplicità nonché la compattezza costruttiva consentono un'apertura notevole rispetto all'ingombro totale dell'attrezzatura. Inoltre lo stesso peso (solo 25 kg per una morsa da 150 mm di larghezza ganascia) è tale da consentire un facile trasferimento da una macchina all'altra.

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 intecambiabili 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 oltra 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

5 YEARS WARRANTY

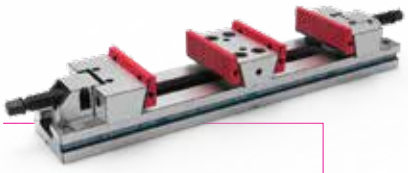
Dotata del geniale sistema a pettine per sostituire rapidamente la piastra ganascia discendente

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

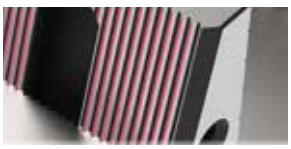
Art.30A

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 ± 0,005mm



Veloce e preciso grazie alla forma rettificata del sistema a pettine

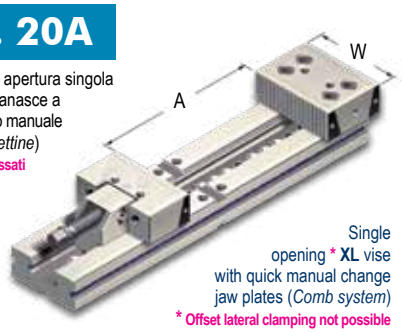
Quick and accurate jaw plate thanks the grid shape of the comb system

2

Tipo (grandezza) morsa / Vise type (size)		1	2	3		4			
	kN	16 kN	25 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



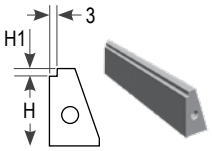
Single opening * **XL** vise with quick manual change jaw plates (*Comb system*)
* Offset lateral clamping not possible

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 230E

Piastra ganascia intercambiabile
Interchangeable jaw plate

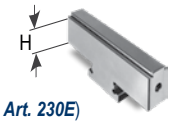
Vedi pagina 4.21 per altezze disponibili
See page 4.21 for available height



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

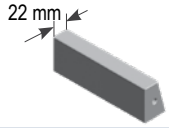
Ganascia mobile intermedia
(*da usare con **Art. 230E***)
Intermediate movable jaw (*to be used with **Art. 230E***)



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

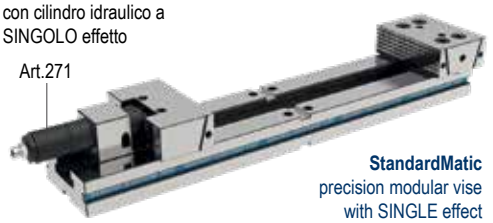


Cod.	4.23.0F101	4.23.0F201	4.23.0F301	4.23.0F401

Art.20AE

NEW 2026

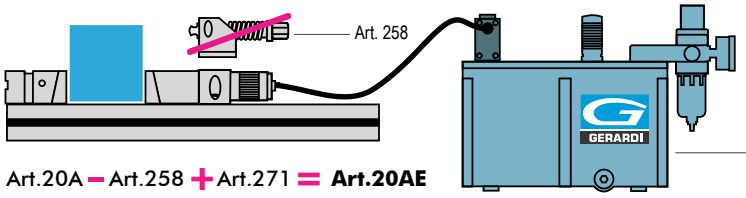
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

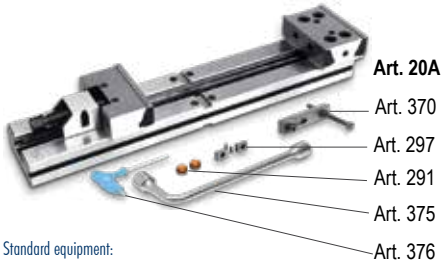
MORSE StandardMatic



Art.20A − Art.258 + Art.271 = **Art.20AE**

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

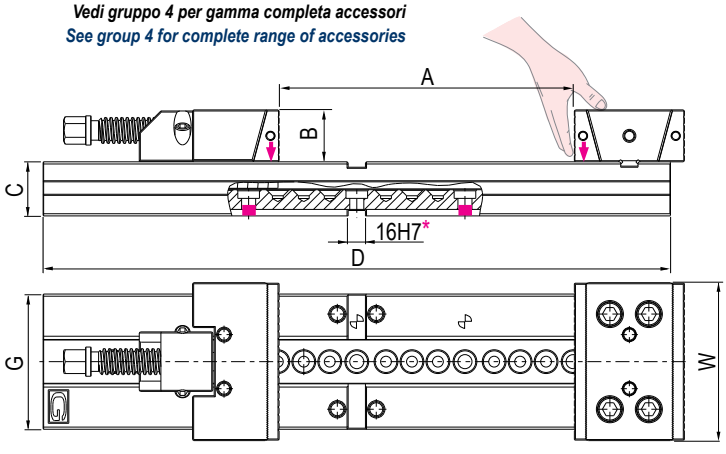
Extra per ogni foro calibrato (tolleranza F7) - MAN-010-STD :
Extra per ogni chiavetta (tolleranza H7) - MAN-020-STD :



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 :

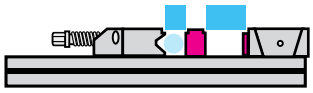
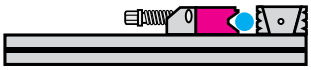
Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories



* **Versione normale:** Cave da 16 H7 - *Versione opzionale: Fori calibrati Ø8 F7 (T1) / Ø16F7 (T.2-3-4-5-6)
* **Normal type:** 16 H7 slots - *Optional type: Ground calibrated holes Ø8 F7 (T1) / 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		4.23.0E601
Art. 230E			
H	53		68
H1	10		10
	1.21.25000		1.21.26000
Art. 212			
	4.23.0B501		4.23.0B601
Art. 230B			
	4.23.0F501		4.23.0F601
Art. 230F			

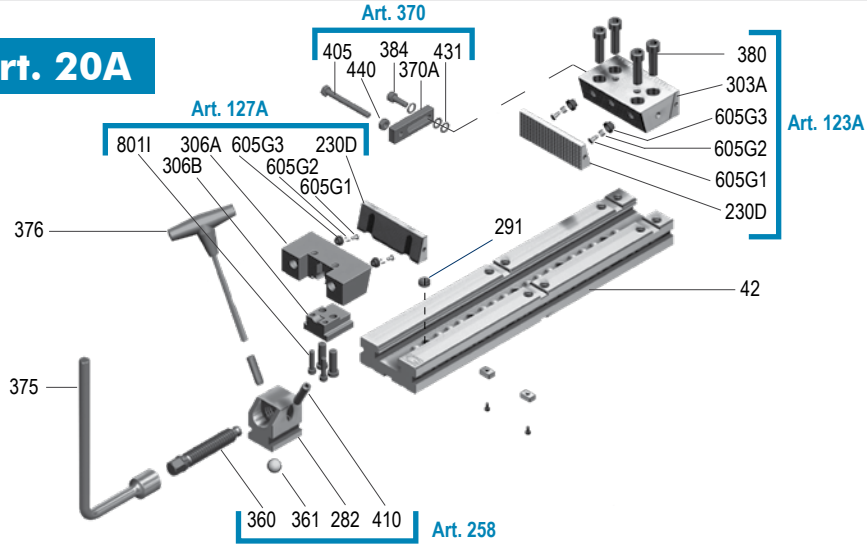
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

StandardMatic VISES



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

Art. 20A



Art.	Pag.
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

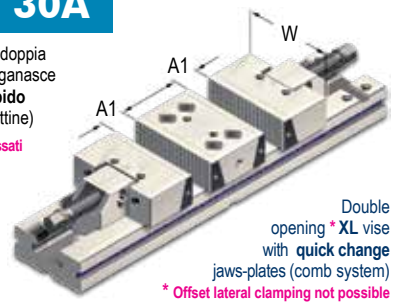
Art.	Pag.
376	4.35
380	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
605G1	4.22
605G2	4.22
605G3	4.22
801I	5.61
-	-

2

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

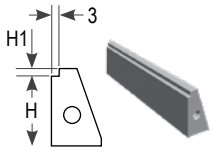
Tipo (grandezza) morsa / Vise type (size)	kN	1 16 kN	2 25 kN	3 30 kN		4 30 kN			
Apertura massima / Maximum spread	A1	2 x 90	2 x 100	2 x 110	2 x 160	2 x 120	2 x 170	2 x 220	2 x 270
	W	96	121	146		171			
	B	28	38	48		58			
	C	35	40	50		58			
	D	460	520	580	680	666	766	866	966
	G	75	95	125		145			
	kg	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

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 230E

Piastra ganascia intercambiabile
Interchangeable jaw plate

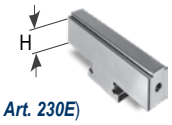
Vedi pagina 4.21 per altezze disponibili
See page 4.21 for available height



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

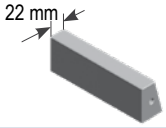
Ganascia mobile intermedia
(*da usare con **Art. 230E***)
Intermediate movable jaw (*to be used with **Art. 230E***)



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

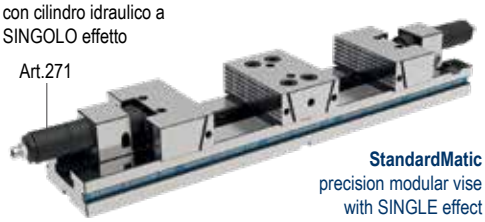


Cod.	4.23.0F101	4.23.0F201	4.23.0F301	4.23.0F401

Art.30AE

NEW 2026

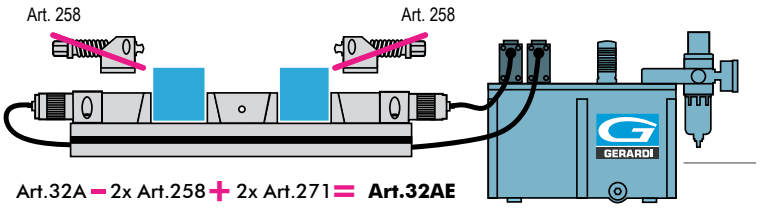
Morsa modulare **StandardMatic** con cilindro idraulico a SINGOLO effetto



StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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

MORSE StandardMatic



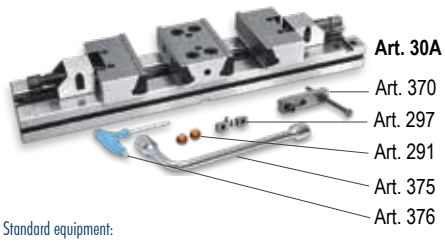
CENTRALINA POWER UNIT (EXTRA)

Art.32A − 2x Art.258 + 2x Art.271 = **Art.32AE**

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 chiavetta (tolleranza H7) - MAN-020-STD :

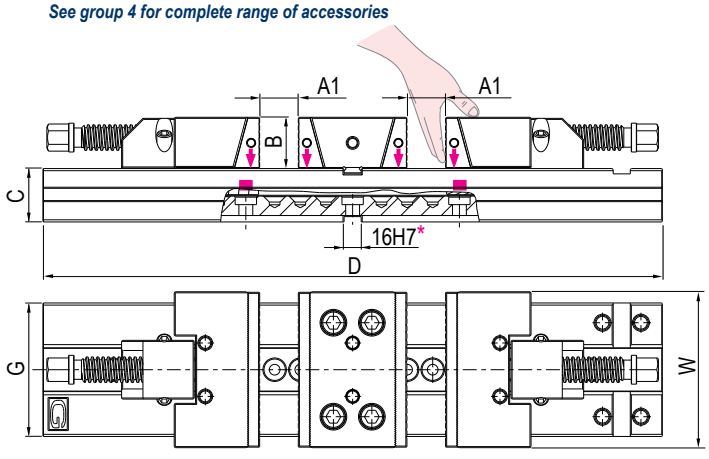


Standard equipment:

- 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 :

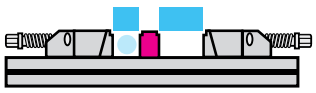
Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories



* **Versione normale:** Cave da 16 H7 - *Versione opzionale: Fori calibrati Ø8 F7 (T1) / Ø16F7 (T.2-3-4-5-6)
* **Normal type:** 16 H7 slots - *Optional type: Ground calibrated holes Ø8 F7 (T1) / 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		4.23.0E601
Art. 230E			
H	53		68
H1	10		10
	1.21.25000		1.21.26000
Art. 212			
	4.23.0B501		4.23.0B601
Art. 230B			
	4.23.0F501		4.23.0F601
Art. 230F			

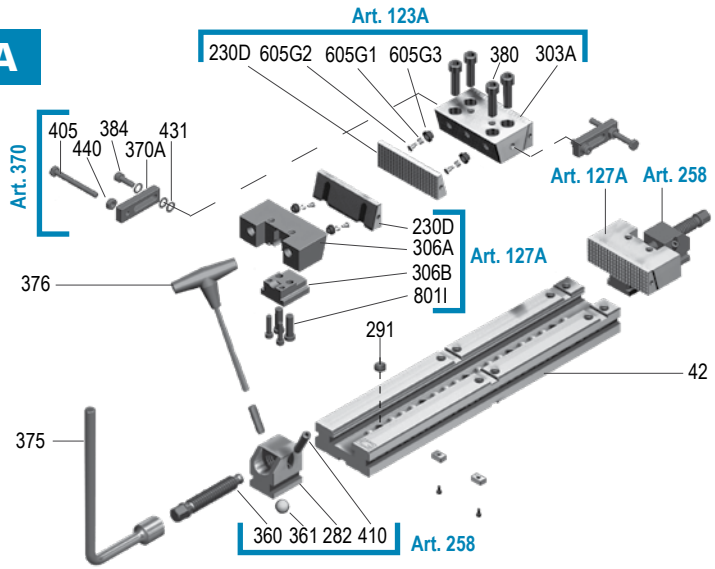
Cod. Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41

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

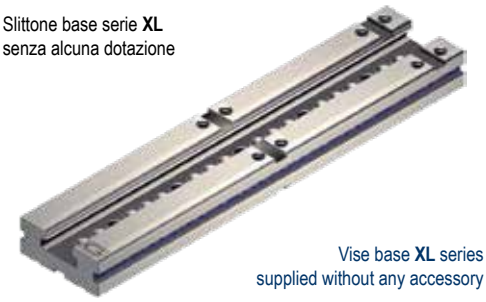
Art.	Pag.
376	4.35
380	4.28
384	4.28
405	4.35
410	4.36
431	4.28
440	4.28
605G1	4.22
605G2	4.22
605G3	4.22
801I	5.61
-	-

2

Tipo (grandezza) / Type (size)	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

Art. 42

Slittone base serie **XL**
senza alcuna dotazione



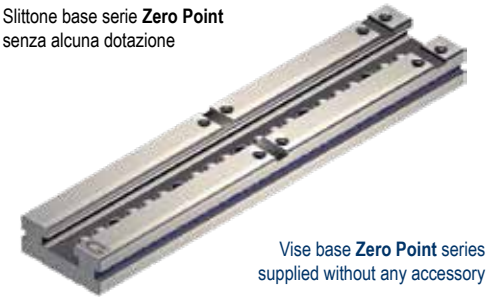
Vise base **XL** series
supplied without any accessory

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

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

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

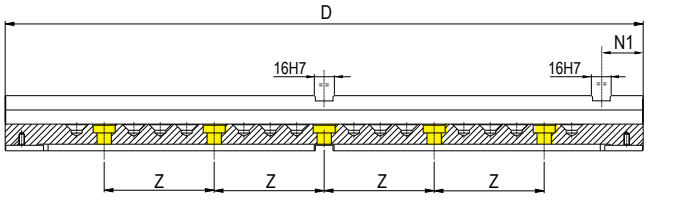


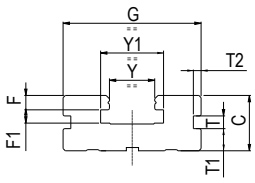
Vise base **Zero Point** series
supplied without any accessory

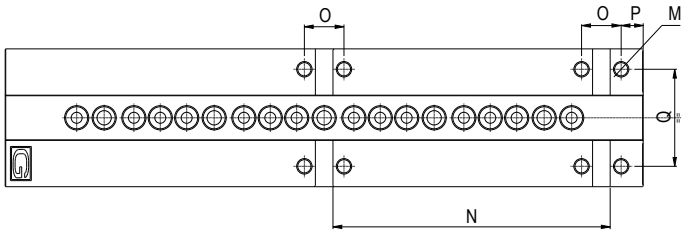
Tolleranza / Tolerance									
- 0,02	C	35	40	50		38			
	D	450	520	580	680	666	766	866	966
	F	10	12	13		15			
	F1	10	10	12		18			
	G	75	95	125		145			
	Y	21	28	41		51			
	Y1	31	41	57		70			
	M	M10	M12	M14		M16			
	N	195	225	252	302	293	343	393	443
	N1	35	35	38		40			
	O	32	32	36		36			
	P	19	19	20		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

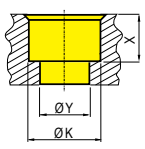
Slittone base serie **XL** / Vise base **XL** series







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
Ø Y	6,5	8,5	13	13	17	17
Ø K	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

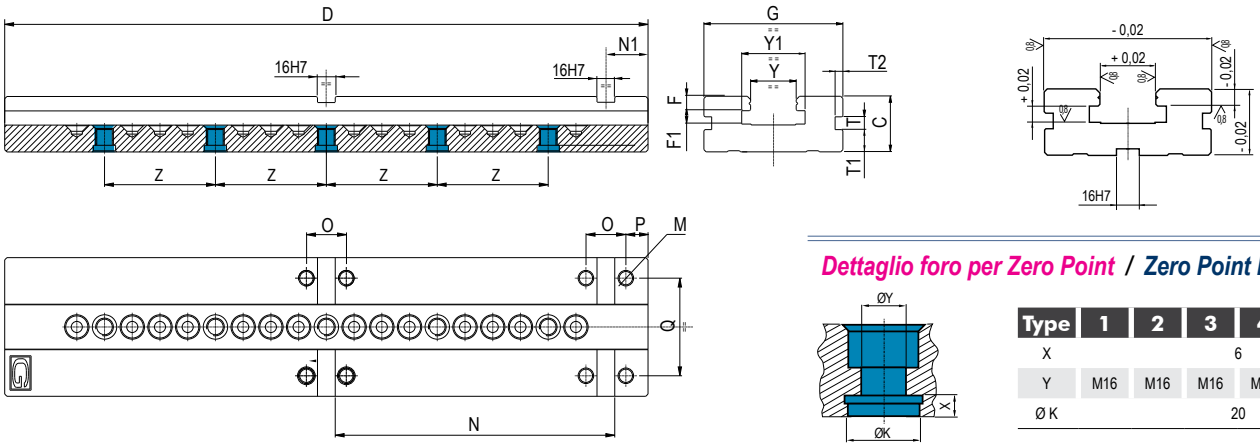
D	805	905	1005	1105	1205	900	1000	1100	1200	*1300	*1400	*1500
kg	60	65	70	75	80	91	101	111	121	131	141	151
Cod.	2.42.Z5805	2.42.Z5905	2.42.Z5005	2.42Z5105	2.42.Z5205	2.42.Z6900	2.42.Z6100	2.42.Z6110	2.42.Z6120	2.42.Z6130	2.42.Z6140	2.42Z6150

* 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			

2

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 Vises number x **4**

+

Predisposizione e montaggio completo
Complete set up & mounting



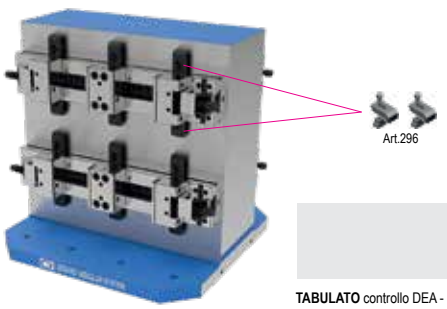
Cod. MAN-040-STD

Per morsa / each vise

+

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).

Cubo con morse
Cube with vises

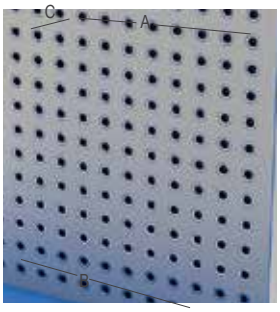


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TABULATO controllo DEA - MAN-100-STD :
PRINTOUT DEA control - MAN-100-STD :

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 Vises number x **6**

+

Montaggio ed allineamento (standard)
(Standard) Assembly and alignment



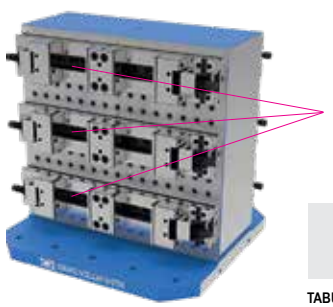
Cod. MAN-070-STD

Per morsa / each vise

+

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



=

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

Diagrammi di serraggio / Clamping diagrams

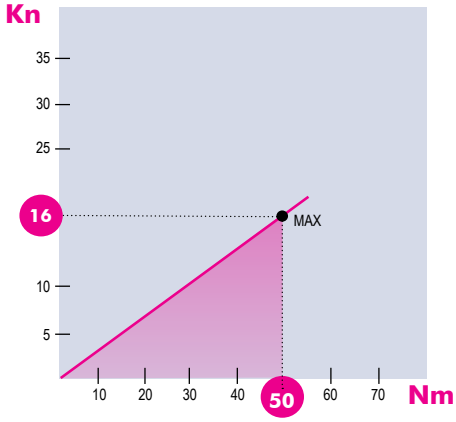
XL extra long bases

Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench

Morse tipo 1
Vises type

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

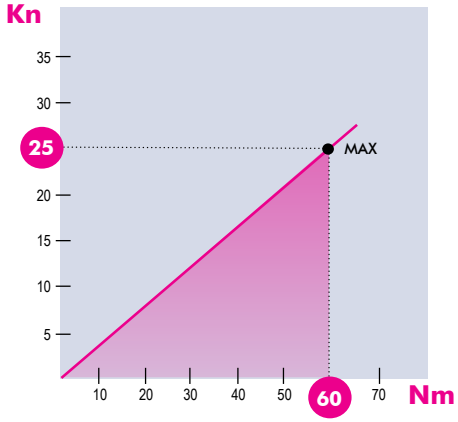




Art. 357

Morse tipo 2
Vises type

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

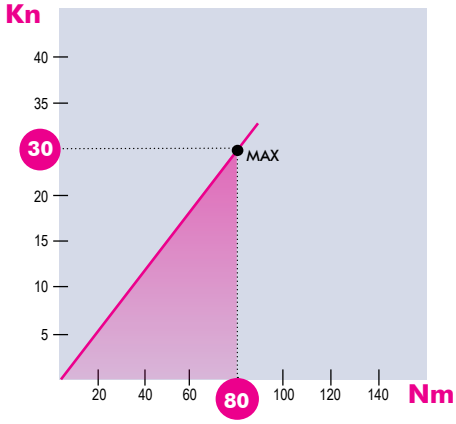


Gruppi di serraggio meccanici (Art. 258 e similari) / Mechanical clamping devices (Art. 258 and similar)

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 3-4
Vises type

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

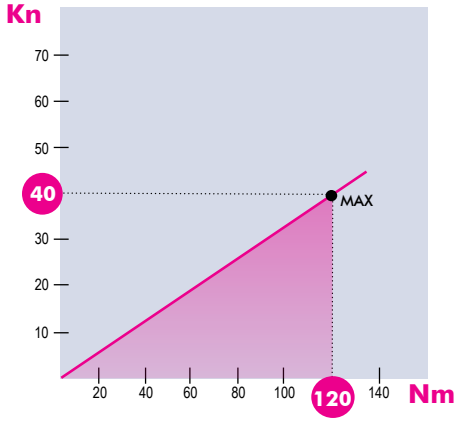


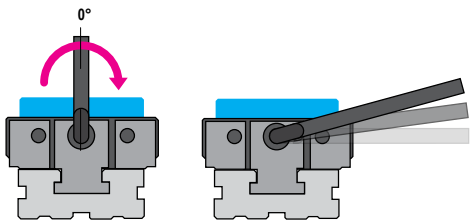


Art. 357

Morse tipo 5-6
Vises type

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.
Attenzione: nel serraggio basta 1/4 di giro della chiave dal momento in cui la ganascia 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.

2

CONTROLLO ALLINEAMENTO TRA CAVA TRASVERSALE E GANASCIA FISSA
ALIGNEMENT BETWEEN THE CROSS KEYWAY AND THE FIXED JAW PLATE

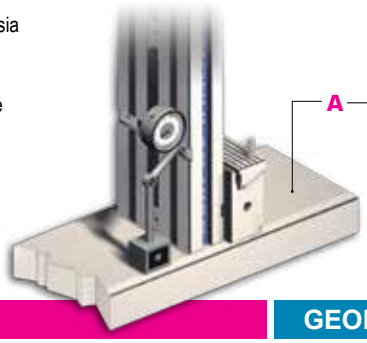
Libretto Istruzioni / Instruction Book

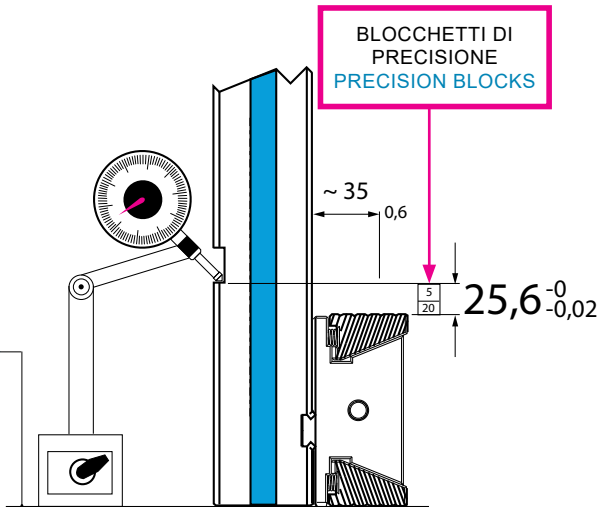
Scansiona il QR code e scarica le istruzioni complete

Scan the QR code to download the complete instructions

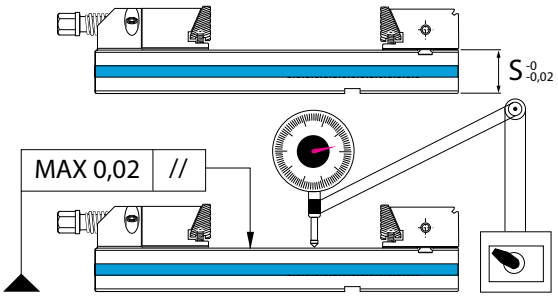
Posizionare la morsa verticalmente assicurandosi che sia perfettamente parallela al piano di appoggio A nei due sensi. Successivamente, con un comparatore centesimale, controllare il parallelismo del piano cava e della ganascia fissa.

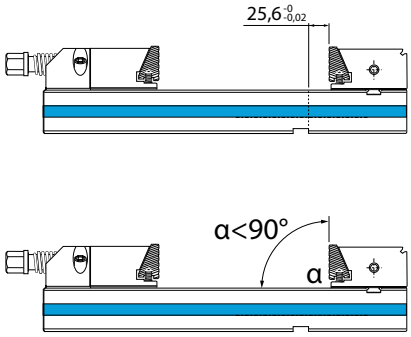
Set the vise vertically ensuring that it is perfectly at parallel to the table A in both sides.Then with an indicator check the parallelism of the keyway and its alignment with the fixed jaw plate.



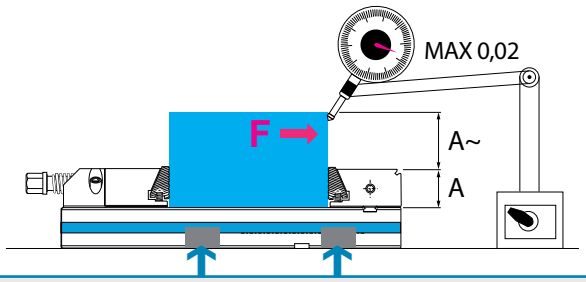


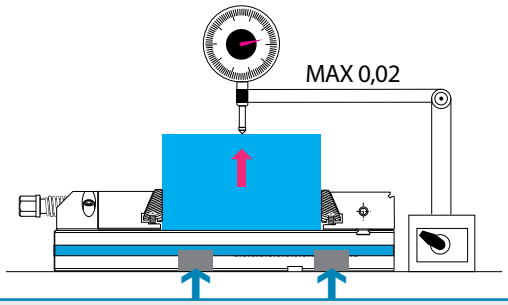
TOLLERANZE GEOMETRICHE / GEOMETRIC ACCURACIES





TOLLERANZE DINAMICHE / DYNAMIC ACCURACIES



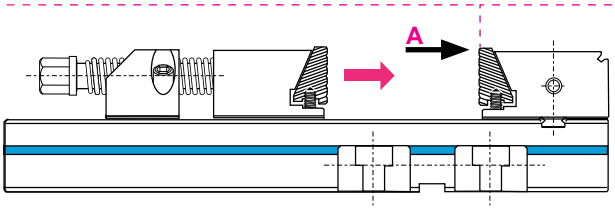


Morsa ancorata con 2 coppie di staffe Art.296 / Vise clamped with n. 2 pairs of Art.296

Valori di flessione nel punto "A" in relazione alle forze di serraggio **PER MORSE TIPO 3**

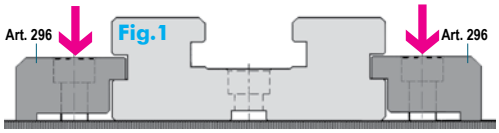
Deflection values at "A" in relation to clamping powers **FOR TYPE 3 VISES**

1 kgf . m = 9.806 Nm

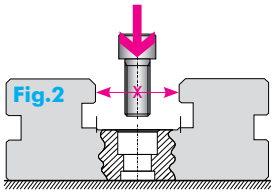


Kn	mm
60	0.1
50	0.07
40	0.05
30	0.03
20	0.02
10	0.01
5	0.004
2	0.002

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.



Vite Screw	M8	M10	M12	M16
Torque Nm	40	80	140	345



Type	1	2	3	4	5	6
Torque Nm	18	40	140	140	250	250
Viti - Screws	2	2	3	4	4	4