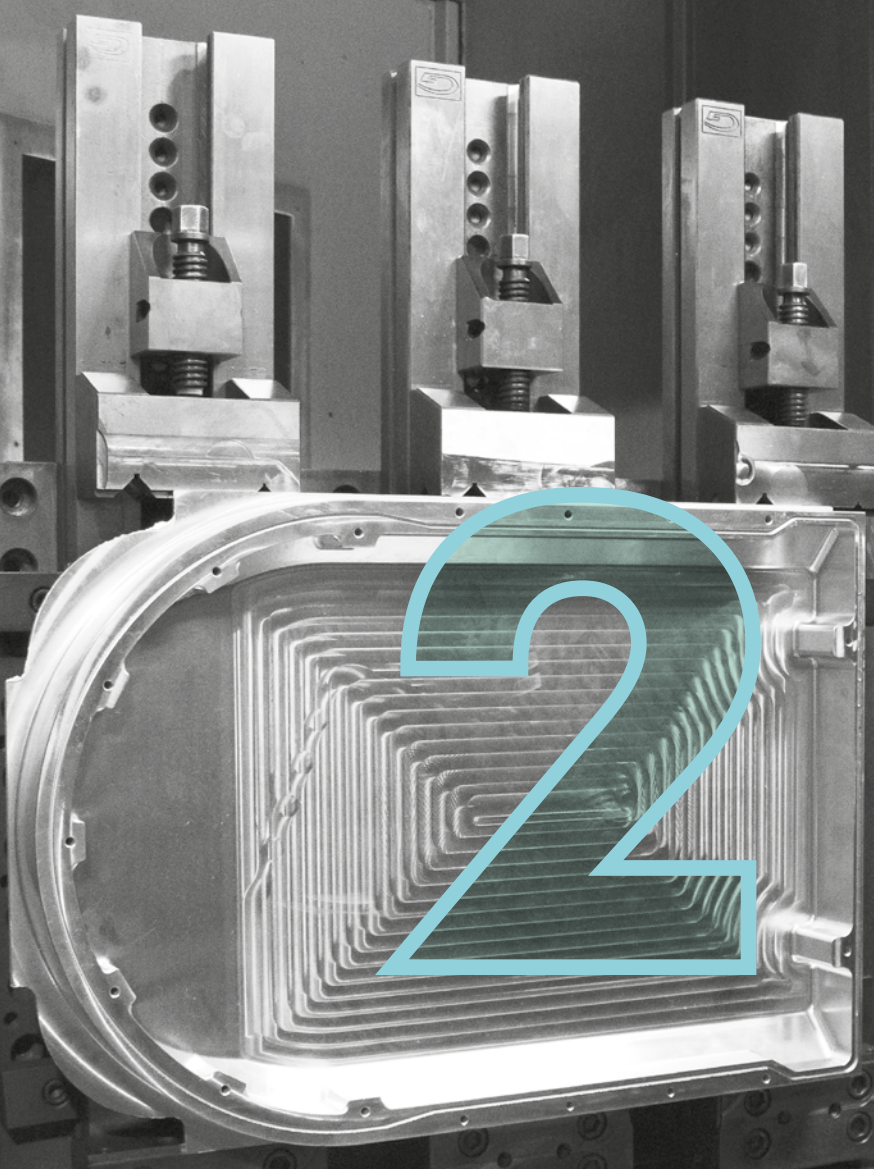




*To clamp workpieces
of unusual dimension!*

XL - XLFLEX

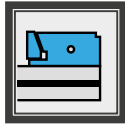
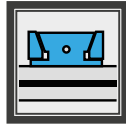
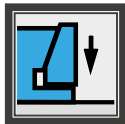
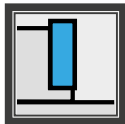
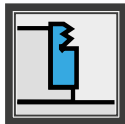
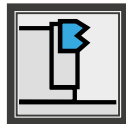
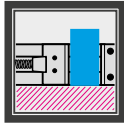
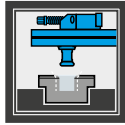
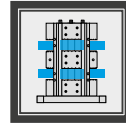
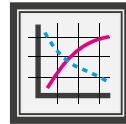
Morse e Cubi / Vises & Vise Towers

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SIMBOLOGIA DATI TECNICI
TECHNICAL DATA ICONS

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

Morse / Vises

XL EXTRA LONG BASES

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

As the Standard vises but with a **loooonger** base

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 particulars You can change the type of clamping as Your needs require using the same fixture purchased before (single clamping, swivel base, double, vertical, smooth or flat or rough workpieces, manual, hydraulic or pneumatic).

DESIGN COMPATTO / SPACE SAVING DESIGN

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

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

SERRAGGI RAPIDI / QUICK CLAMPING

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

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



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

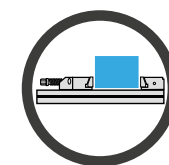


Durezza / Hardened
HRC 58 ± 2

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

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

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



SCAN IT TO WATCH THE

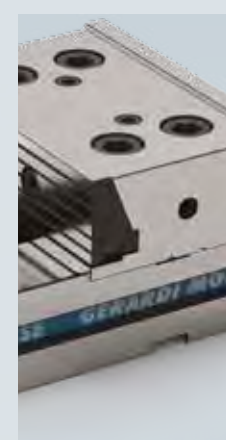


VIDEO PRESENTATION



Ideali per particolari di grandi dimensioni!

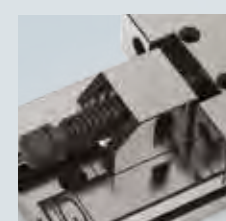
To clamp workpieces of unusual dimension!



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 workpiece and of the machine.



Serraggi indipendenti Independent clamping

Due Gruppi di serraggio indipendenti
Two independent clamping devices



Ganascia monoblocco Solid guided jaw

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.

Art. 30

Art. 20



Due serie di chiavette Two keyways on the top side

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

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

Slittone base con tutte le superfici di scorrimento ed accoppiamento rettificato. 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 tolerances are guaranteed by checking cycles with CNC measuring machine. The perfect alignment with the machine axis is given by longitudinal and cross keyways (16H7) or positioning holes (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



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

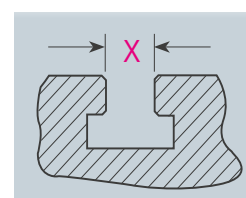
Also with code: 2.29.6300 X=18mm



Staffaggio Consigliato Suggested fixing

Consigliate 3 coppie di staffe Art.296 per ogni morsa

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

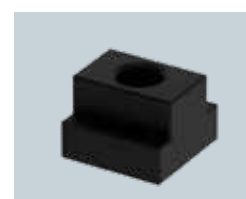


Cava a T

T Slot

Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension

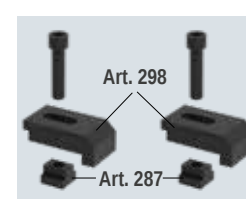


Art.287 (Pag.4.34)

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 18 20 22	16 18 20 22 24	16 18 20 22 24
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 *
1 X M8				
A	50	50	50	50
B	24	24	24	24
C	6	6	6	6
Ø D	8,5	11	13	17
E	10	10	10	10
Ø F	14	-	-	-
G	14	16	17,5	19
G1	17	15	13	9
H	34	34	34	34
I	8	10	10	10
J	4	4	4	4
T ± 0,1	15	15	15	15
Cod.	2.29.61000 / M8	2.29.61000 / M10	2.29.61000 / M12	2.29.61000 / 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 alignment to upgrade your vise and provide different workholding solutions

Tipo (grandezza) morsa / Vise type (size)		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
Art. 20 Morsa XL ad apertura singola, con ganaschia mobile guidata monoblocco	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

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 Ganaschia 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
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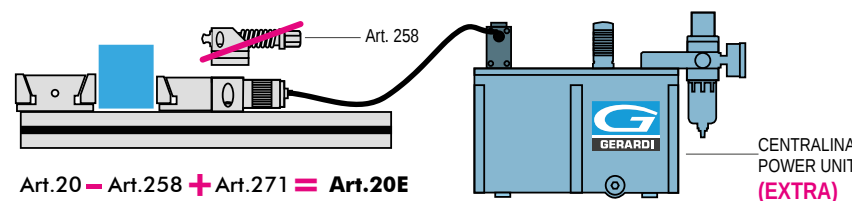
Art. 217 Ganaschia mobile prismatica Prismatic movable jaw	Cod.	2.21.71000	2.21.72000	2.21.73000	2.21.74000
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Art. 242G Piastra ganaschia con inserti GRIP completa di parallela magnetica Jaw plate with GRIP inserts with magnetic parallel	Cod.	1.24.2G100	1.24.2G200	1.24.2G300	1.24.2G400
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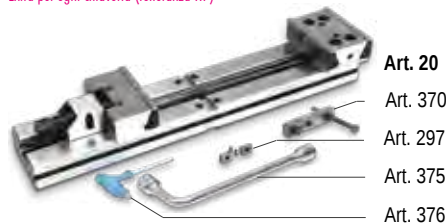
Art. 20E Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto Art.271	Cod.				
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NEW 2021

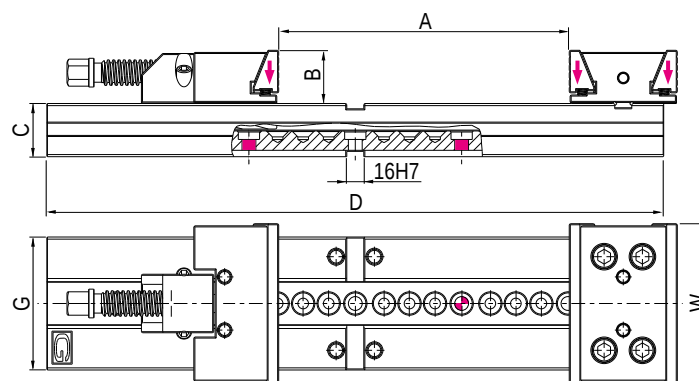
MORSE StandardMatic



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



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



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 !

Art. 313	4.31.3500C	4.31.3600C
	53	68

Art. 212	1.21.25000	1.21.26000
-----------------	------------	------------

Art. 217	2.21.75000	2.21.76000
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Art. 242G	1.24.2G500	1.24.2G600
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Cod.												
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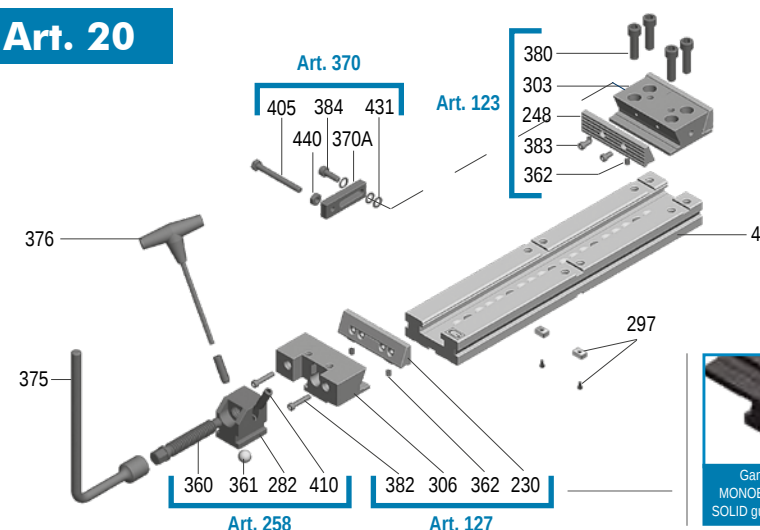
StandardMatic VISES

NEW 2021

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



Art. 20



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

Ganaschia Mobile
MONOBLOCCO guidata
SOLID guided movable jaw

Tipo (grandezza) morsa / Vise type (size)		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

Monoblocco - Solid

Single opening XL vise,
with single fixed jaws

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

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

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

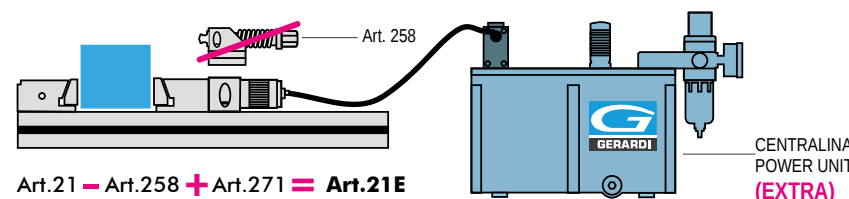
Art. 217	Cod.	2.21.71000	2.21.72000	2.21.73000	2.21.74000
Ganascia mobile prismatica Prismatic movable jaw					

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

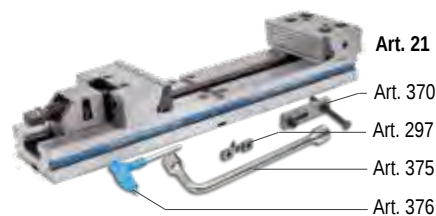
Art. 21E	Cod.				
Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto Art.271					

NEW
2021

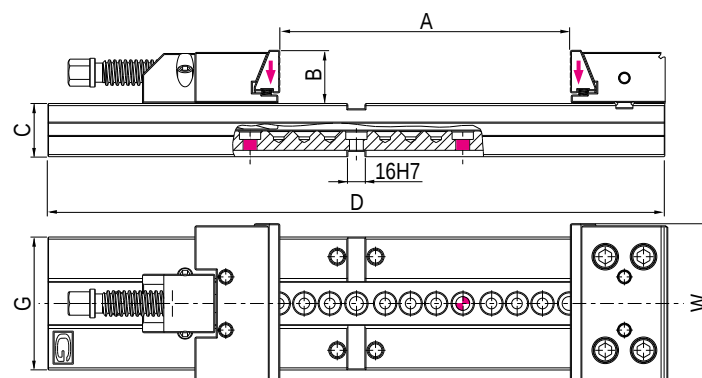
MORSE StandardMatic



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



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



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 !

Art. 313	4.31.3500C	4.31.3600C
	53	68

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.												

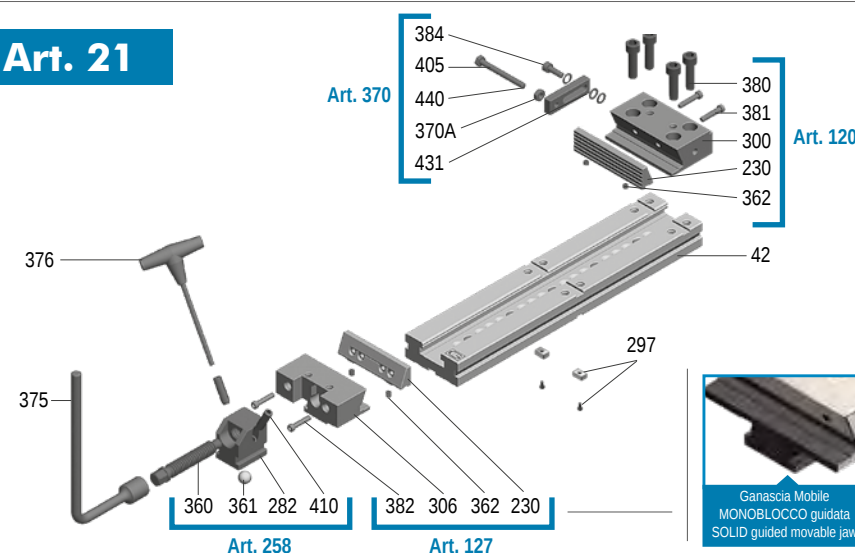
StandardMatic VISES

NEW
2021

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

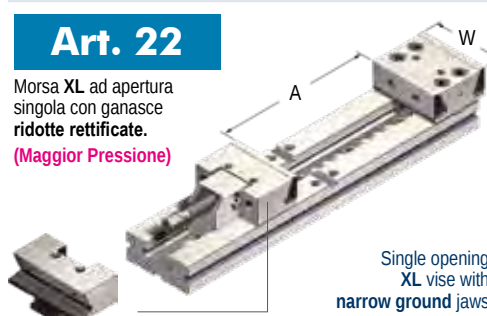


Art. 21



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

Ganascia Mobile
MONOBLOCCO guidata
SOLID guided movable jaw

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
Art. 22 Morsa XL ad apertura singola con ganasce ridotte rettificate. (Maggior Pressione)  Single opening XL vise with narrow ground jaws (Higher Pressure)	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

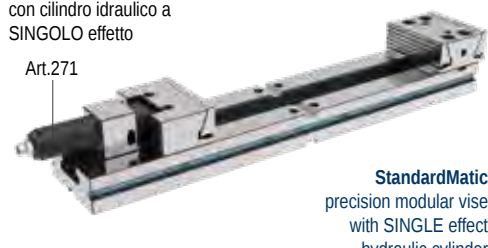
Cod.	4.31.3R10C	4.31.3R20C	4.31.3R30C	4.31.3R40C
H	23	33	43	53

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
	H					

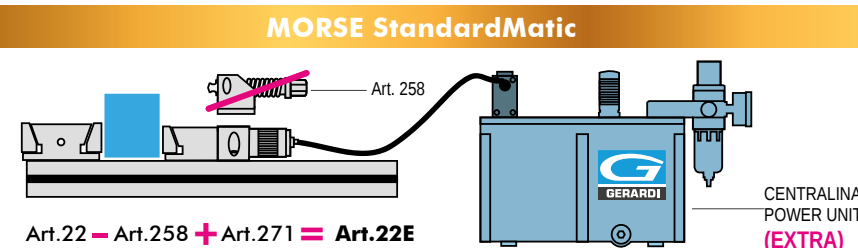
Art. 218 Ganascia mobile prismatica Prismatic movable jaw		Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000
	H					

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
	H					

Art. 22E Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto NEW 2021		Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			



Art.22 - Art.258 + Art.271 = Art.22E

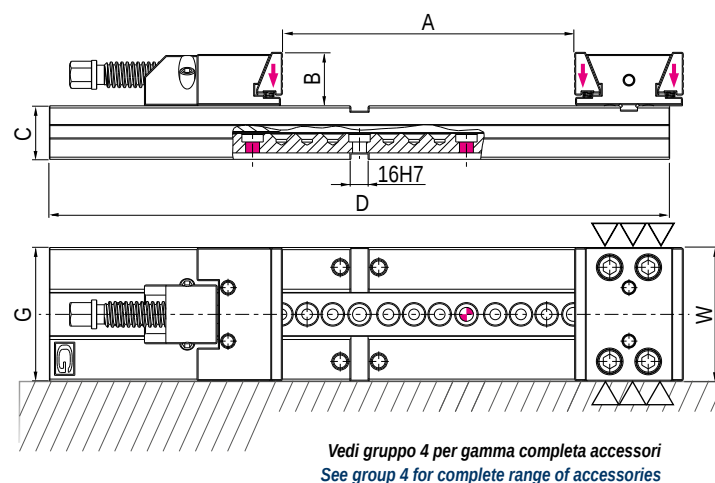


CENTRALINA POWER UNIT (EXTRA)

- 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)
Extra per ogni chiave (tolleranza H7)



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



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 !

Art. 313R	4.31.3R50C	4.31.3R60C
	53	68

Art. 213	1.21.35000	1.21.36000

Art. 218	2.21.85000	2.21.86000

Art. 243G	1.24.3G500	1.24.3G600

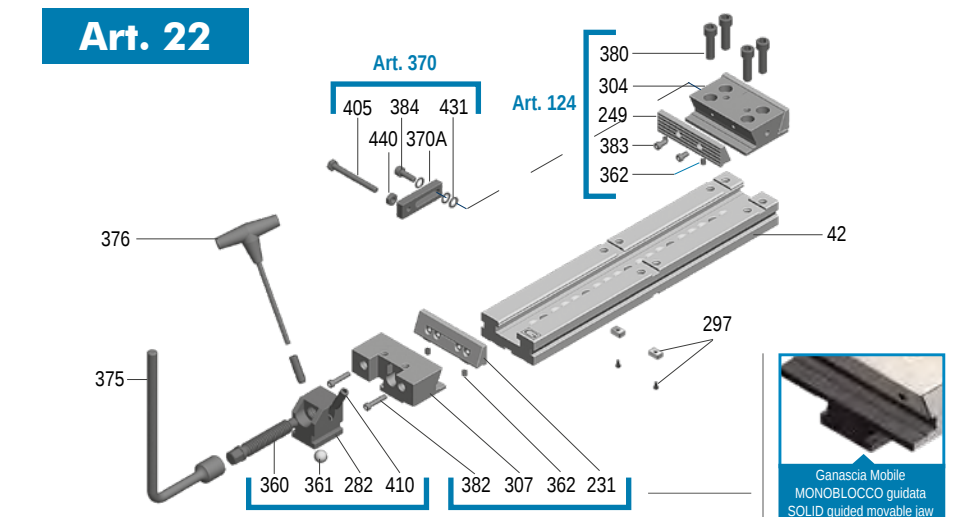
Art. 22E	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			



StandardMatic VISES



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



Art. 22

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

Tipo (grandezza) morsa / Vise type (size)		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	9.4	15.8	29.8	32.8	44.8	49.8	54.8	59.8
	Cod.	2.24.12900	2.24.23200	2.24.33600	2.24.34600	2.24.44000	2.24.45000	2.24.46000	2.24.47000

Monoblocco - Solid

XL vise
with straight-plate jaw

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

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

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

Art. 246									
Piastra piana in acciaio lavorabile Machinable steel straight jaw plate									
	Cod.	1.65.16200	1.65.26200	1.65.36200	1.65.46200				

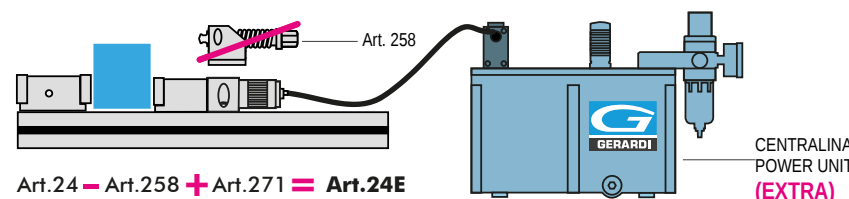
Art. 246G									
Piastra ganascia con inserti GRIP completa di parallela magnetica Jaw plate with GRIP inserts with magnetic parallel									
	Cod.	1.24.6G100	1.24.6G200	1.24.6G300	1.24.6G400				

Art. 24E									
Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto Art.271									
	Cod.								

NEW
2021

StandardMatic
precision modular vise
with SINGLE effect
hydraulic cylinder

MORSE StandardMatic



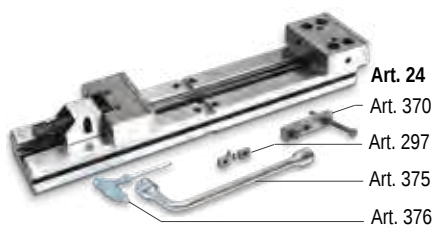
Art.24 + Art.258 + Art.271 = Art.24E

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

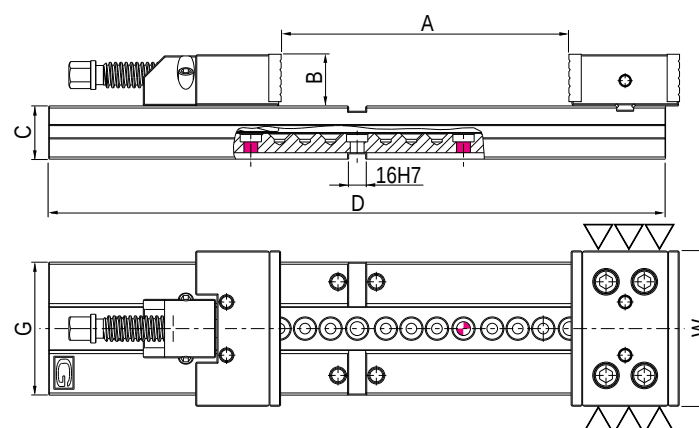
Extra per ogni foro calibrato (tolleranza F7)
Extra per ogni chiave (tolleranza H7)



Standard equipment:

- 1 worktop 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)
Extra charge for each calibrated key nut (F7 tolerance)



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 !

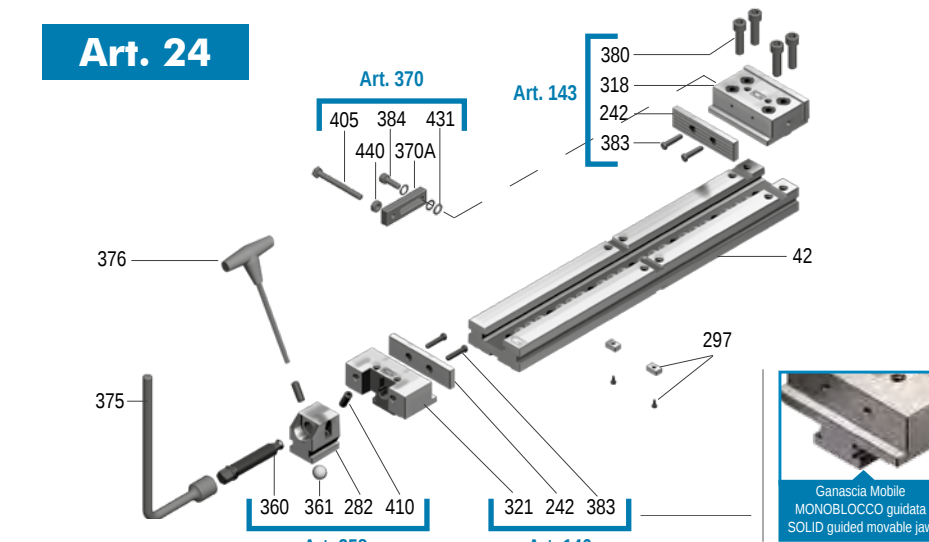
StandardMatic VISES

NEW
2021

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



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



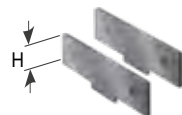
Ganascia Mobile
MONOBLOCCO guidata
SOLID guided movable jaw

<

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

Ganasia mobile prismatica
Prismatic movable jaw



Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000

Art. 247

Piastra piana in acciaio lavorabile
Machinable steel straight jaw plate



Cod.	1.65.17200	1.65.27200	1.65.37200	1.65.47200

Art. 247G

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



Cod.	1.24.7G100	1.24.7G200	1.24.7G300	1.24.7G400

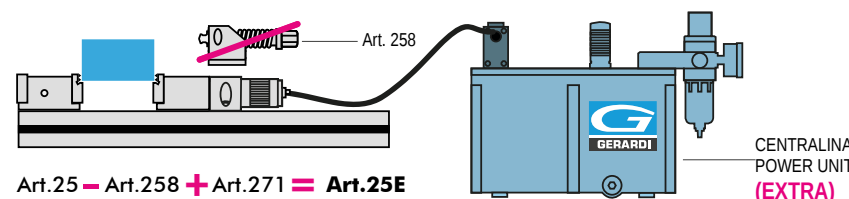
Art. 25E

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



StandardMatic
precision modular vise
with SINGLE effect
hydraulic cylinder

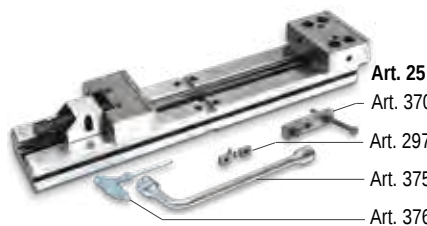
MORSE StandardMatic



Art.25 – Art.258 + Art.271 = Art.25E

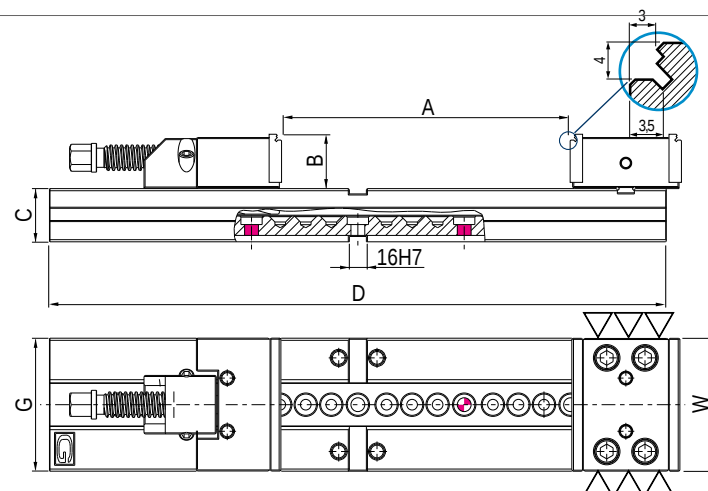
Dotazione standard:

- 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)
- Extra per ogni chiave (tolleranza H7)



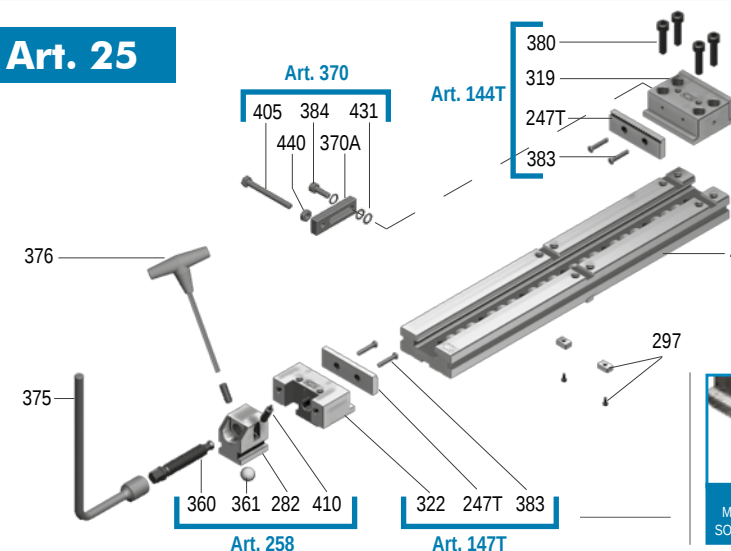
Standard equipment:

- 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)
- Extra charge for each calibrated key nut (F7 tolerance)



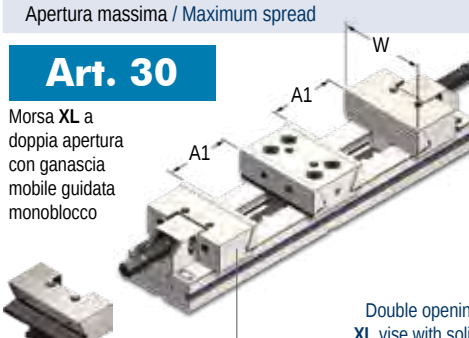
Vedi gruppo 4 per gamma completa accessori
See group 4 for complete range of accessories

Art. 25



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

Ganascia Mobile
MONOBLOCCO guidata
SOLID guided movable jaw

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
 Art. 30 Morsa XL a doppia apertura con ganascia mobile guidata monoblocco	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

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
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Art. 217 Ganascia mobile prismatica Prismatic movable jaw	Cod.	2.21.71000	2.21.72000	2.21.73000	2.21.74000
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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 Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto NEW 2021	Cod.								
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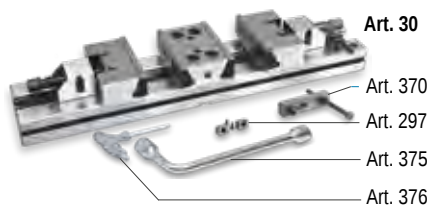
MORSE StandardMatic

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

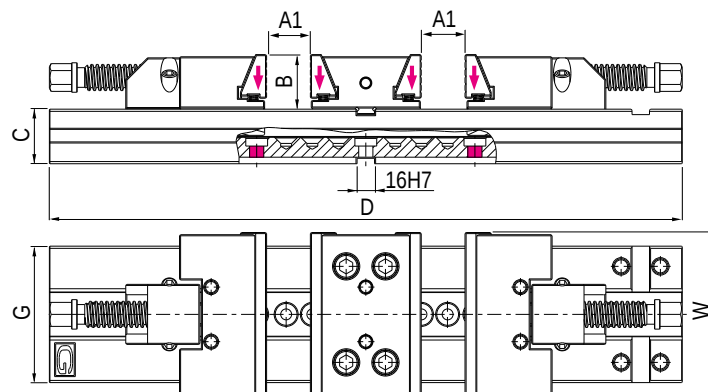
StandardMatic precision modular vise with SINGLE effect hydraulic cylinder

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)
Extra per ogni chiave (tolleranza H7)



- Standard equipment:
- 2 worktops 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)
Extra charge for each calibrated key nut (F7 tolerance)



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
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	1.21.25000	1.21.26000
--	------------	------------

	2.21.75000	2.21.76000
--	------------	------------

	1.24.2G500	1.24.2G600
--	------------	------------

Cod.												
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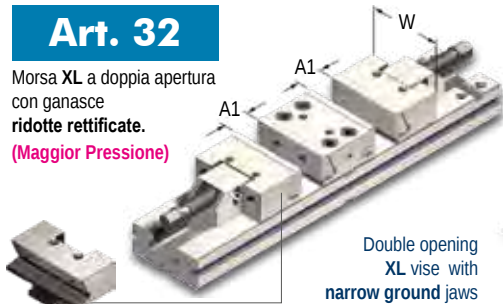
StandardMatic VISES

NEW 2021

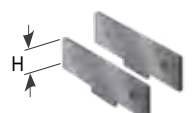
Centralina Pneumoidraulica Art.393/394/395 (EXTRA)
Pneumohydraulic Power Unit Art.393/394/395 (EXTRA)

Art. 30

Art. 370, Art. 123, Art. 127, Art. 258, Art. 271, Art. 297, Art. 375, Art. 376, Art. 380, Art. 382, Art. 383, Art. 384, Art. 385, Art. 386, Art. 387, Art. 388, Art. 389, Art. 390, Art. 391, Art. 392, Art. 393, Art. 394, Art. 395, Art. 396, Art. 397, Art. 398, Art. 399, Art. 400, Art. 401, Art. 402, Art. 403, Art. 404, Art. 405, Art. 406, Art. 407, Art. 408, Art. 409, Art. 410, Art. 411, Art. 412, Art. 413, Art. 414, Art. 415, Art. 416, Art. 417, Art. 418, Art. 419, Art. 420, Art. 421, Art. 422, Art. 423, Art. 424, Art. 425, Art. 426, Art. 427, Art. 428, Art. 429, Art. 430, Art. 431, Art. 432, Art. 433, Art. 434, Art. 435, Art. 436, Art. 437, Art. 438, Art. 439, Art. 440, Art. 441, Art. 442, Art. 443, Art. 444, Art. 445, Art. 446, Art. 447, Art. 448, Art. 449, Art. 450, Art. 451, Art. 452, Art. 453, Art. 454, Art. 455, Art. 456, Art. 457, Art. 458, Art. 459, Art. 460, Art. 461, Art. 462, Art. 463, Art. 464, Art. 465, Art. 466, Art. 467, Art. 468, Art. 469, Art. 470, Art. 471, Art. 472, 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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
Art. 32 Morsa XL a doppia apertura con ganasce ridotte rettificate. (Maggior Pressione) 	W	75	95	125		145				
	B	30	40	50		60				
	C	35	40	50		58				
	D	460	520	580	680	666	766	866	966	
	G	75	95	125		145				
	kg	13.5	19.5	36	40	56	61	66	71	
	Cod.	3.31.00720	3.32.10720	3.33.20720	3.33.30720	3.34.20720	3.34.30720	3.34.40720	3.34.50720	

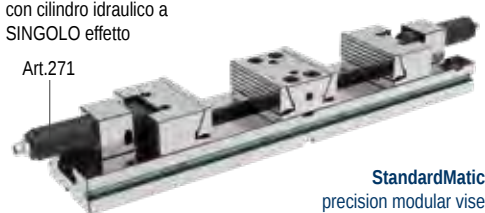
AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

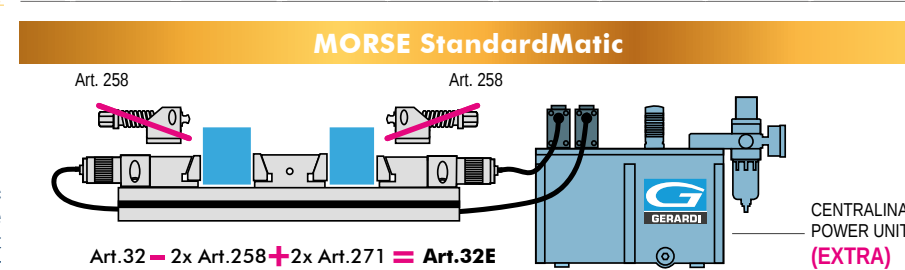
Art. 313R Coppia di Parallele magnetiche Pair of magnetic parallel plates 	Cod.	4.31.3R10C	4.31.3R20C	4.31.3R30C	4.31.3R40C
	H	23	33	43	53

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
	H	23	33	43	53

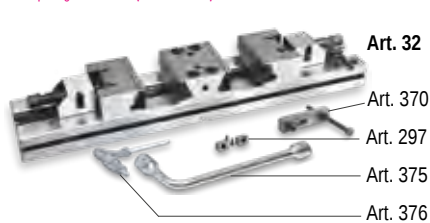
Art. 218 Ganascia mobile prismatica Prismatic movable jaw 	Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000
	H	23	33	43	53

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
	H	23	33	43	53

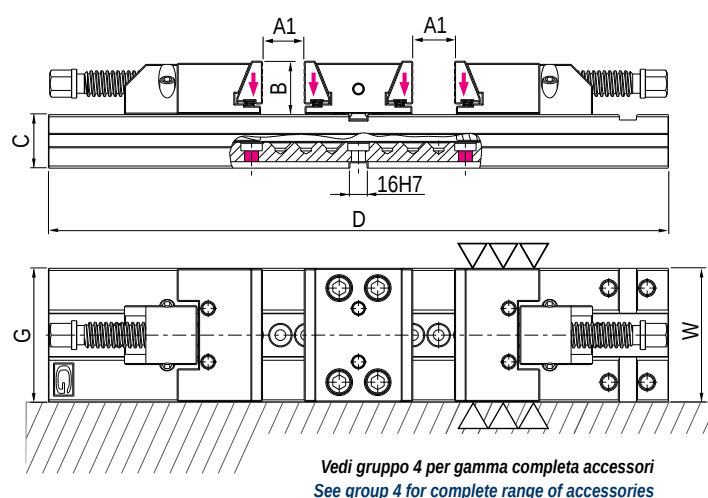
Art. 32E Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto Art. 271 	Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			
	H	23	33	43	53



- 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)
Extra per ogni chiave (tolleranza H7)



- Standard equipment:
- 2 worktops 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)
Extra charge for each calibrated key nut (F7 tolerance)

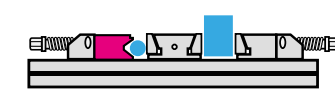


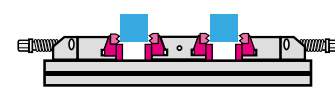
		5 40 kN					6 40 kN					
A1	2 x 150	2 x 200	2 x 250	2 x 300	2 x 350	2 x 160	2 x 210	2 x 260	2 x 310	2 x 360	2 x 410	2 x 460
W	170					195						
B	65					80						
C	70					78						
D	805	905	1005	1105	1205	900	1000	1100	1200	1300	1400	1500
G	170					195						
kg	93	99	105	108	117	144	152	160	168	176	184	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 !

Art. 313R 	4.31.3R50C	4.31.3R60C
	53	68

Art. 213 	1.21.35000	1.21.36000
	53	68

Art. 218 	2.21.85000	2.21.86000
	53	68

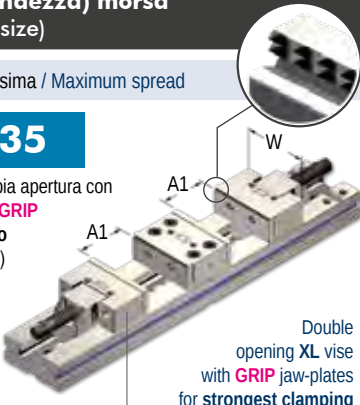
Art. 243G 	1.24.3G500	1.24.3G600
	53	68

Art. 32E 	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			
	53	68	73	78

StandardMatic VISES



Art. 32		Art. 370		Art. 124		Art. 129		Art. 258		Art. 271		Art. 297		Art. 375		Art. 376	
42		405		380		380		380		380		380		380		380	
231		440		304		304		304		304		304		304		304	
249		370A		249		249		249		249		249		249		249	
282		382		383		383		383		383		383		383		383	
297		362		362		362		362		362		362		362		362	
304		360		360		360		360		360		360		360		360	
307		361		361		361		361		361		361		361		361	
360		382		382		382		382		382		382		382		382	
361		307		307		307		307		307		307		307		307	
362		362		362		362		362		362		362		362		362	
370A		231		231		231		231		231		231		231		231	

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
Art. 35 Morsa XL a doppia apertura con piastre ganasce GRIP a forte serraggio (ridotte rettificare)  Double opening XL vise with GRIP jaw-plates for strongest clamping (narrow with ground)		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
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

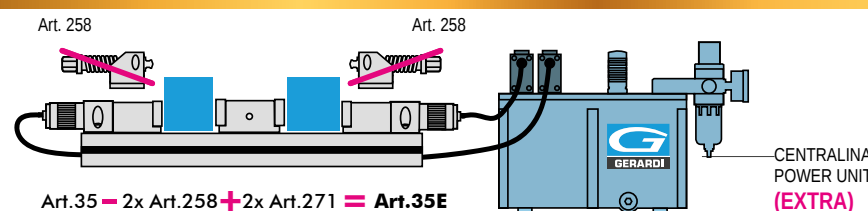
Art. 218 Ganascia mobile prismatica Prismatic movable jaw	Cod.	2.21.81000	2.21.82000	2.21.83000	2.21.84000

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

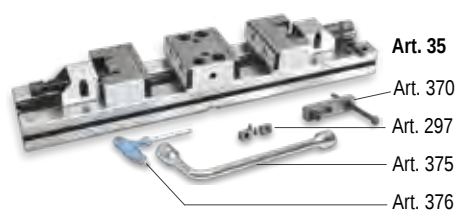
Art. 247G Piastra ganascia ridotta con inserti GRIP completa di parallela magnetica Narrow width jaw plate with GRIP inserts with magnetic parallel	Cod.	1.24.7G100	1.24.7G200	1.24.7G300	1.24.7G400

Art. 35E Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto NEW 2021	Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			

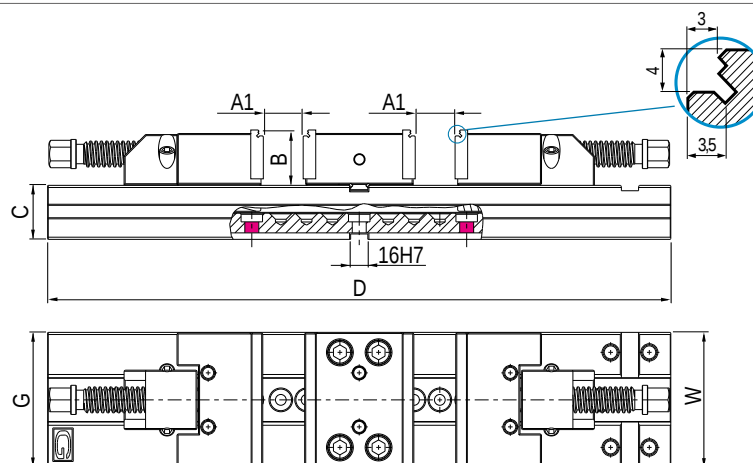
MORSE StandardMatic



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



- Standard equipment:
- 2 worktops 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)
- Extra charge for each calibrated key nut (F7 tolerance)



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 !

Art. 313R	4.31.3R50C		4.31.3R60C
	53		68

Art. 218	2.21.85000		2.21.86000

Art. 247	1.65.57200		1.65.67200

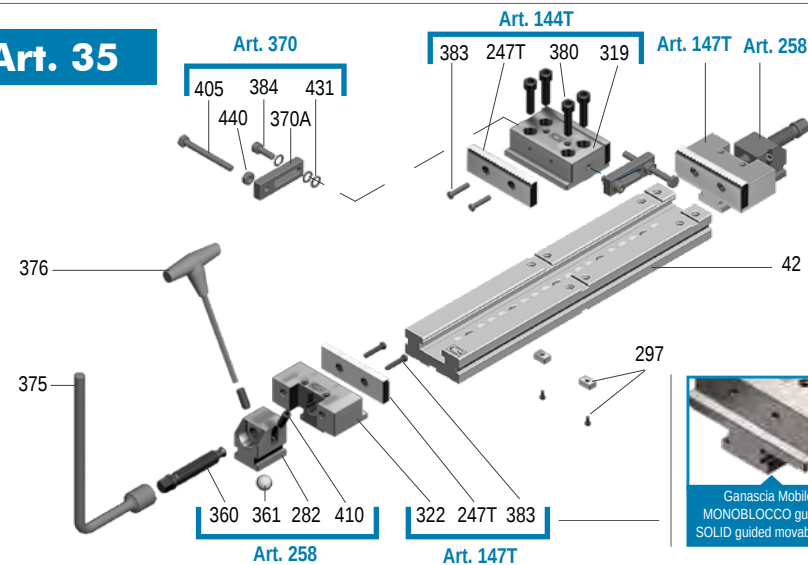
Art. 247G	1.24.7G500		1.24.7G600

Art. 35E	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41			

StandardMatic VISES



Art. 35



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



Morse e Cubi / Vises & Vise Towers

XL (flex)

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

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 morse), mentre gli altri componenti sono identici. Mediante l'aggiunta o semplice sostituzione di alcuni particolari si può variare la tipologia di bloccaggio secondo le proprie esigenze utilizzando la stessa attrezzatura acquistata in un primo momento (bloccaggi singoli, con base girevole, doppi, verticali, di pezzi piani, tondi, piatti e grezzi, manuali, idraulici o pneumatici).

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

DESIGN COMPATTO / SPACE SAVING DESIGN

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

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

SERRAGGI RAPIDI / QUICK CLAMPING

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

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

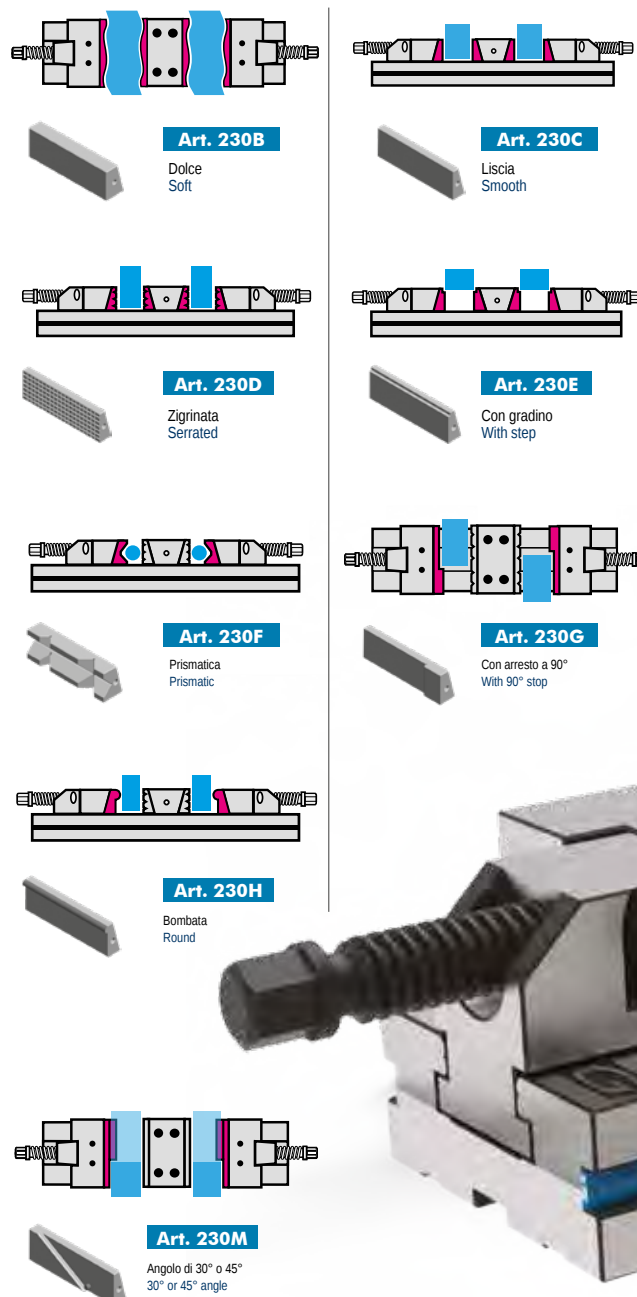


Portapiastre / The Rack

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

Vedi Pag. 4.21 - See Page.4.22

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



La morse Gerardi XL come le sorelle più corte StandardFLEX, possono essere dotate di piastre ganasce a cambio rapido permettendo in questo modo oltre la lavorazione di un numero maggiore di pezzi sfruttando al massimo la lunghezza della tavola della macchina utensile anche la sostituzione rapida delle piastre ganasce che avviene manualmente e senza l'ausilio di alcun utensile, questo è possibile grazie al sistema Perno-molla, che consente un diverso utilizzo della morse in tempi ridottissimi. Grazie al sistema a Pettine di rigatura prismatica delle piastre ganasce, 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.

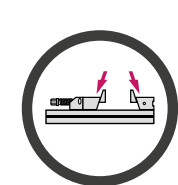
The Gerardi XL vises as the StandardFLEX series, can be equipped with the pull down jaw plates allowing to machine more workpieces using the total length of the machine tool and the quickest jaw plate hand substitution without any tool. This is possible thanks to the new design with pin with spring which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



Riconfigurazione Rapidissima Quickest Vise Resetting

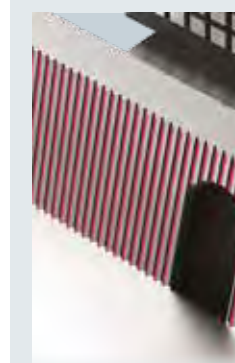
grazie alla piastra ganasce intercambiabile manualmente tramite sistema a pettine

Thanks to the quick interchangeable jaw plate through ground comb system



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

Innovative Comb system for quick pull-down jaw plate change



Altissima ripetibilità di posizionamento Highest repositioning accuracy

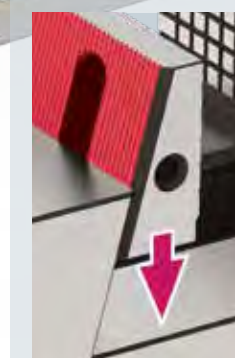
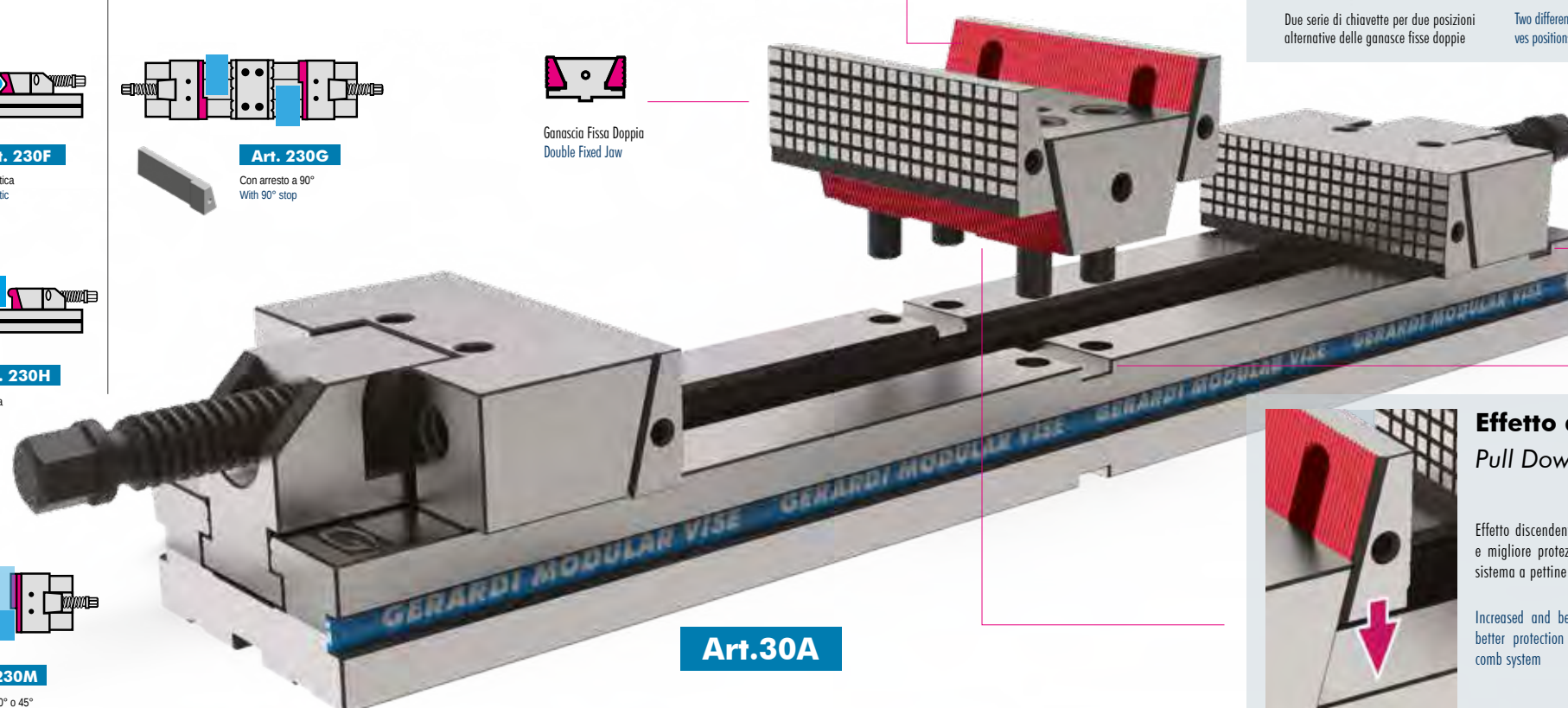
$\pm 0,005\text{mm}$

Veloce e preciso grazie alla forma rettificata del sistema a pettine

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

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

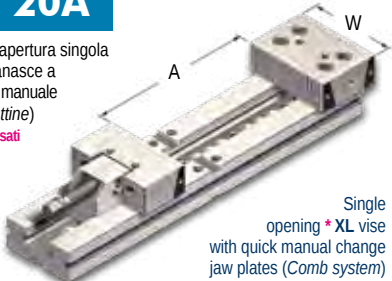
Two different keyways for two alternative positions of the double fixed jaw



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

Tipo (grandezza) morsa / Vise type (size)		1 16 kN	2 25 kN	3 30 kN	4 30 kN					
		kN								
Apertura massima / Maximum spread		A	290	320	360	460	400	500	600	700
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	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	

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 230E Piastra ganasce intercambiabile Interchangeable jaw plate Vedi pagina 4.21 per altezze disponibili See page 4.21 for available height	H1	3								
	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 ganasce intercambiabile dolce Soft interchangeable jaw plate	Cod.	4.23.0B101	4.23.0B201	4.23.0B301	4.23.0B401					

Art. 230F Piastra ganasce intercambiabile prismatica Prismatic interchangeable jaw plate	Cod.	4.23.0F101	4.23.0F201	4.23.0F301	4.23.0F401					

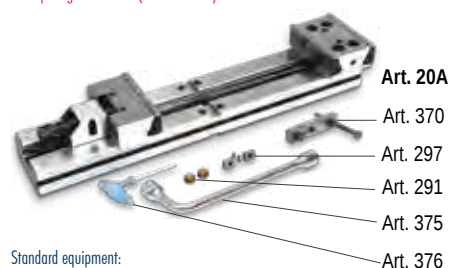
Art.20AE Morsa modulare StandardMatic con cilindro idraulico a SINGOLO effetto	Cod.	Vedi pag. 4.40 - 4.41 - See pag. 4.40 - 4.41								

MORSE StandardMatic

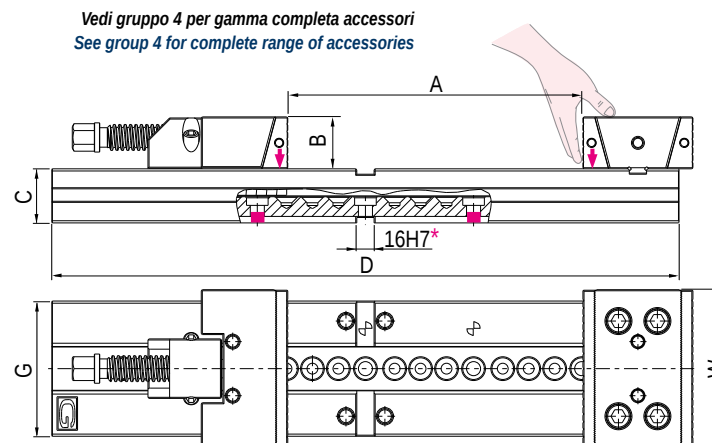
Art.20A - Art.258 + Art.271 = Art.20AE

CENTRALINA POWER UNIT (EXTRA)

- 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)
Extra per ogni chiave (tolleranza H7)



- 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)
Extra charge for each calibrated key nut (F7 tolerance)



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

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

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 230E	4.23.0E501	4.23.0E601		
	H	53	68	
	H1	10	10	

Art. 212	1.21.25000	1.21.26000		

Art. 230B	4.23.0B501	4.23.0B601		

Art. 230F	4.23.0F501	4.23.0F601		

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

StandardMatic VISES

NEW 2021

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

Art. 20A

Art. 127A, Art. 370, Art. 123A, Art. 258

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

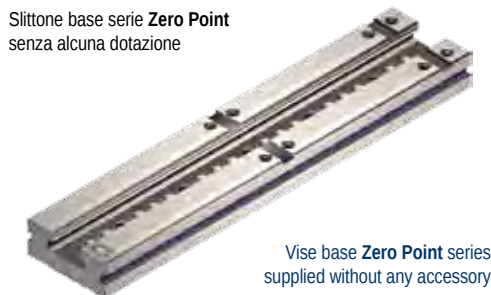
Tipo (grandezza) / Type (size)		1	2	3	4				
Art. 42  Slittone base serie XL senza alcuna dotazione	D	450	520	580	680	666	766	866	966
	kg	6.6	10.7	20.7	24.7	30.2	34.8	39.3	43.8
	Cod.	1.80.11460	1.80.21520	1.80.31580	1.80.31680	1.80.41666	1.80.41766	1.80.41866	1.80.41966



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

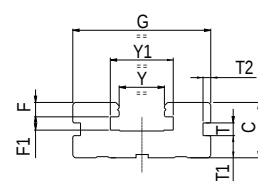
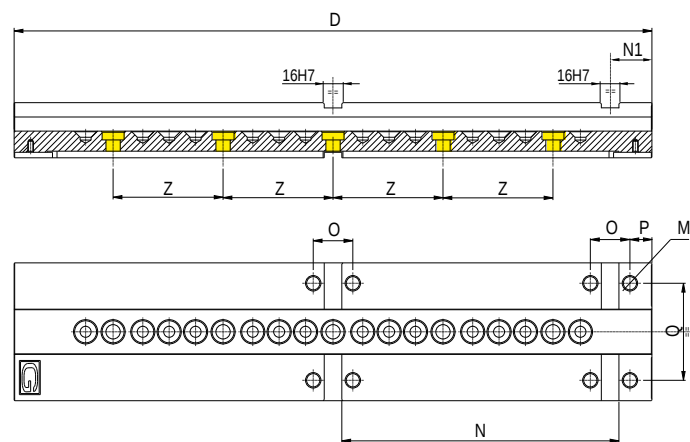


Vise base **Zero Point** series
supplied without any accessory

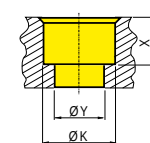
Tolleranza / Tolerance

- 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)

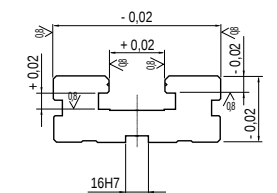
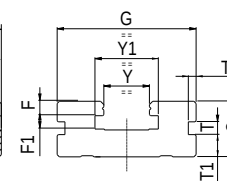
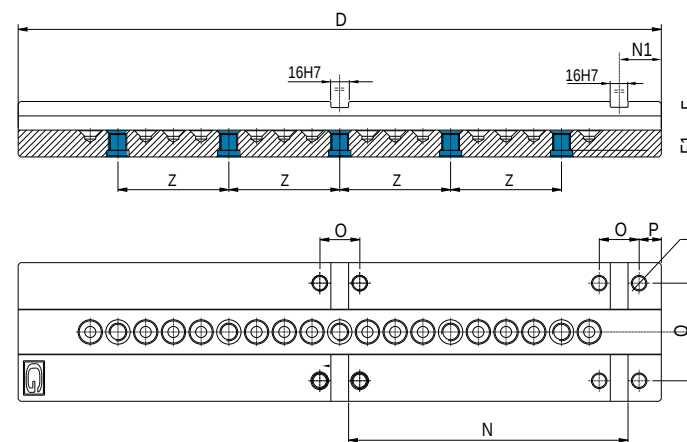
* Base composta da 2 pezzi uniti
Base made of 2 spliced pieces

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	

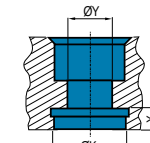
* Base composta da 2 pezzi uniti
Base made of 2 spliced pieces

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



Dettaglio foro per **Zero Point** / **Zero Point** hole details



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

PREDISPOSIZIONE e MONTAGGIO MORSE su SPALLE LAVORATE

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

Spalla lavorata Art.55C 2 sides machined tombstone Art.55C	Tipo di morsa Vise type	Predisposizione e montaggio* Set-up & Mounting*	Cubo con morse Cube with vises
Cod. 8.55.C00191 Dim. A=800 / B=800 / C=300 / H=800 	Art.35 Tipo 4 2x170 	Per morsa / each vise Importo per lavorazioni necessarie per predisporre ogni faccia del cubo e montaggio più allineamento di ogni morsa. Amount needed for the set-up of each side and mounting + alignment of each vise on it.	 Art.296

* Predisposizione 4 facce, montaggio ed allineamento morse incluso di viti, chiavette, staffe e quant'altro necessario.
4 Faces set-up, vises mounting including screws, keyways, holding clamps and all the necessary equipment.

Certificato di collaudo
Certificate test

MONTAGGIO e ALLINEAMENTO MORSE su SPALLE a RETICOLO

ALIGNEMENT and VISES MOUNTING on 2 SIDE GRID TOMBSTONES

Spalla a reticolo Art.55F 2 sides grinded tombstone Art.55F	Tipo di morsa Vise type	Montaggio e allineamento* Mounting & alignment*	Cubo con morse Cube with vises
Cod. 8.55.F00191 Dim. A=800 / B=800 / C=300 / H=800 	Art.35 Tipo 4 2x170 	Per morsa / each vise Importo per montaggio ed allineamento di ogni morsa. Amount need for each vise mounting and alignment.	 Art.83

* Montaggio e allineamento 4 morse incluso di viti, chiavette, staffe e quant'altro necessario.
4 vises mounting and alignment includes screws, keyways, holding clamps and all the necessary equipment.

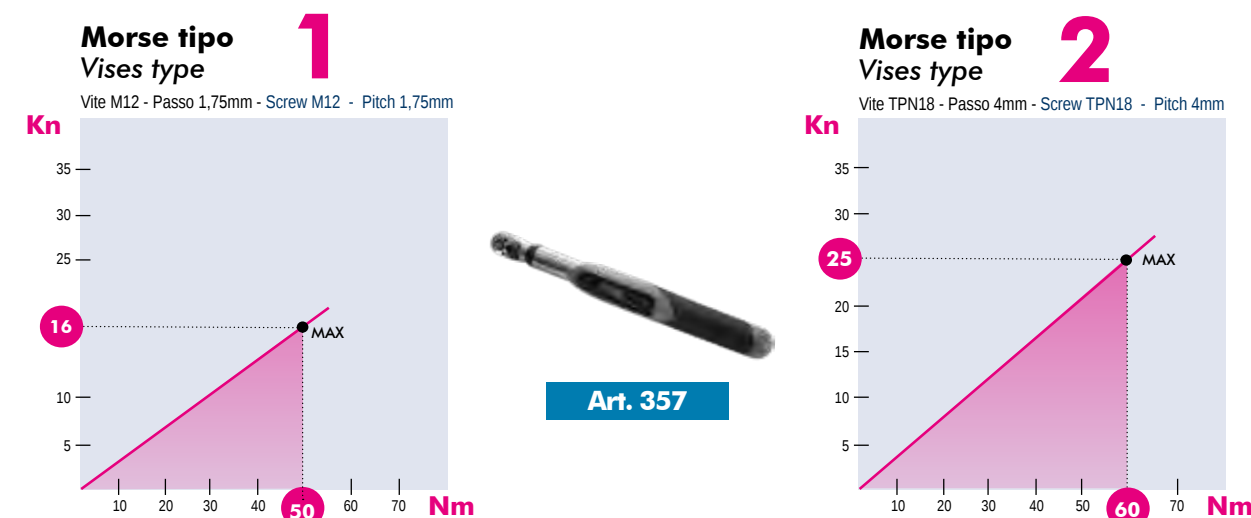
Certificato di collaudo
Certificate test

Diagrammi di serraggio / Clamping diagrams

XL extra long bases

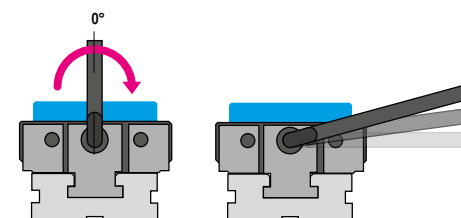
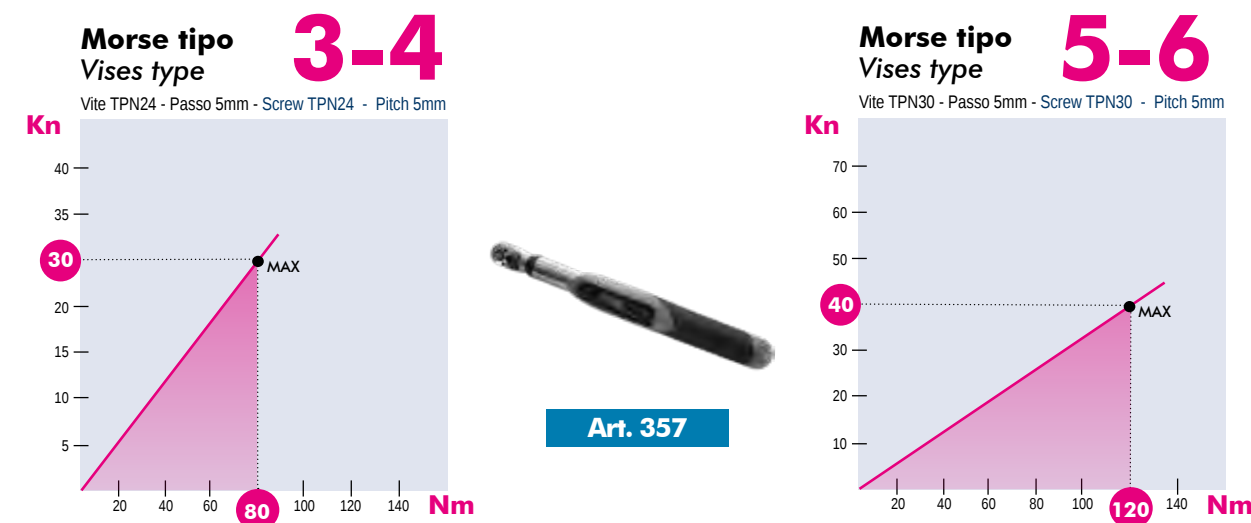
Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench



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



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 ganaschia tocca il particolare.

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

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

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

NB: Alcuni fattori, come la lubrificazione, lo staffaggio, gli attriti ed altro, possono modificare i valori indicati fino a $\pm 10\%$. 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 $\pm 10\%$ range. For optimum operation do not exceed chart values.

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



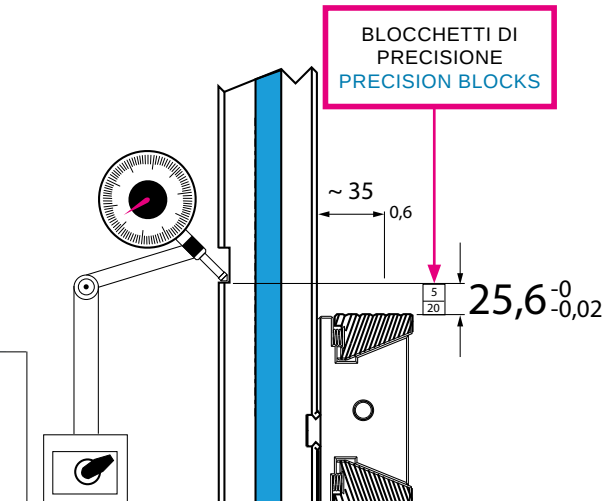
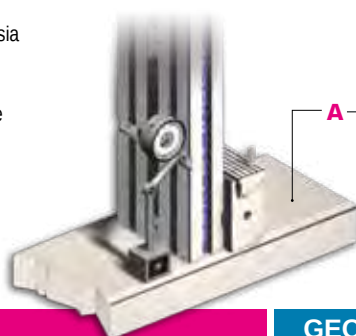
Libretto Istruzioni / Instruction Book

Scansiona il QR code e scarica le istruzioni complete

Scan the QR code to download the complete instructions

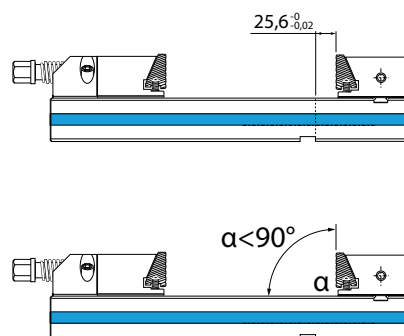
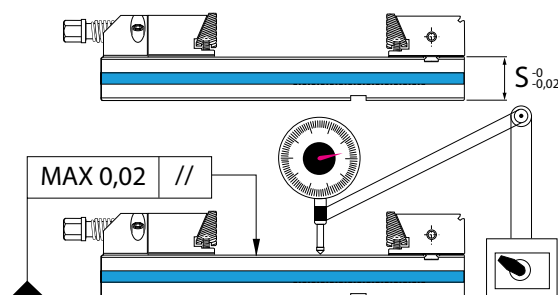
Posizionare la morsa verticalmente assicurandosi che sia perfettamente parallela al piano di appoggio **A** nei due sensi. Successivamente, con un comparatore centesimale, controllare il parallelismo del piano cava e della ganascia fissa.

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.



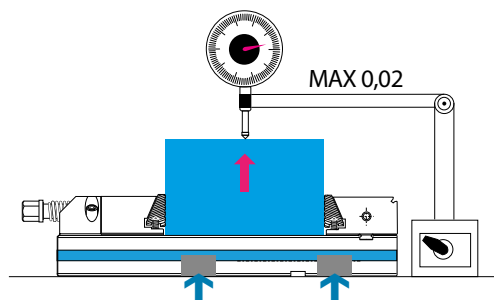
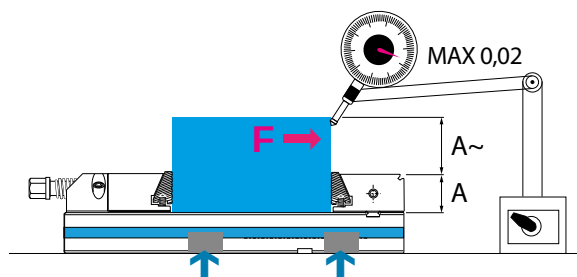
TOLLERANZE GEOMETRICHE

GEOMETRIC ACCURACIES



TOLLERANZE DINAMICHE

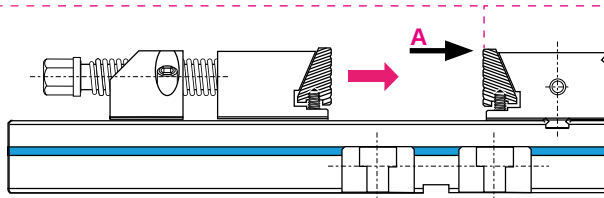
DYNAMIC ACCURACIES



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

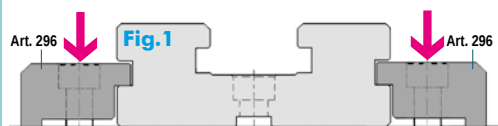
Il sistema consigliato per l'ancoraggio della morsa sulla tavola macchina è tramite STAFFE Art.296. (Fig.1)

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)

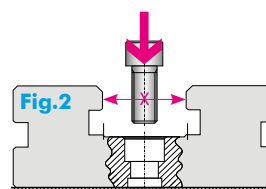
Nella tabella seguente sono riportati i valori di coppia massima applicabile mediante chiave dinamometrica

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