

6

6

The most versatile vises!

MULTIFLEX

Morse e Cubi / Vises & Vise Towers

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VALIGETTA DI CAMPIONATURA STD (Art.600)

SAMPLE KIT CASE STD (Art.600)



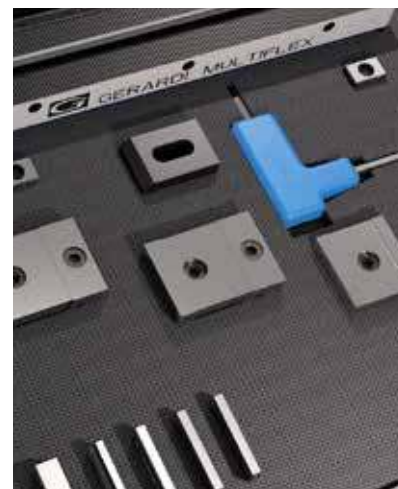
Art. 984

Valigetta di campionatura morsa Art.600 T.1x400
 Sample kit case Art.600 T.1x400 vise

Cod. 0.98.40000

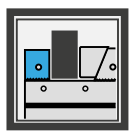
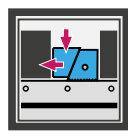
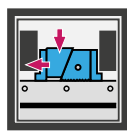
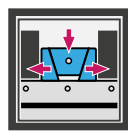
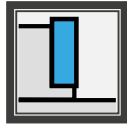
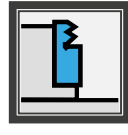
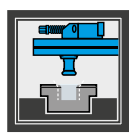
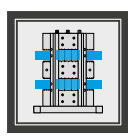
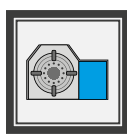
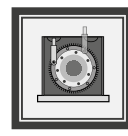
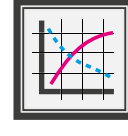
All'Interno - Inside:

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SIMBOLOGIA DATI TECNICI

TECHNICAL DATA ICONS

GANASCE JAWS						
			Fissa Fixed	Mobile e fissa Fixed and movable	Mobile e fissa a gradino Fixed and movable with step	Mobile doppia Double movable
PIASTRE GANASCE JAW PLATES						
					Piana Straight	GRIP integrale Integral GRIP
POSSIBILITÀ POSSIBILITY						
			Predisposizione Zero Point Zero Point Ready	Cubi-morsa Vise tower	Divisore automatico Dividing head	Divisore Meccanico Mechanical dividing head
PAGINE PAGES						
				Accessori & Ricambi Accessories & Spare Parts	Istruzioni corretto utilizzo Instruction for a proper use	Diagrammi forze di serraggio Clamping force diagrams

Morse e cubi morsa / Vises & vise-towers

MULTIFLEX SERIES

Per serraggi multipli fino a 19 particolari di varie dimensioni

For flexible clamping of multiple workpieces of various sizes



Precisione / Accuracy
±0,02mm



Durezza / Hardened
HRC 58±2

USURA INESISTENTE / NO WEAR

Grazie all'accurata scelta dei materiali impiegati ed allo studio dimensionale computerizzato dei componenti. Costruzione completamente in speciali leghe di acciaio ad alta resistenza, normalizzato, cementato e temprato con durezza 60 ± 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 60 ± 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.

TEMPI DI ATTREZZAZZAGGIO RIDOTTI REDUCED SET-UP TIMES

Posizionamenti ed ancoraggi delle ganasce sul corpo base di rapida esecuzione ed in prossimità del particolare da lavorare.

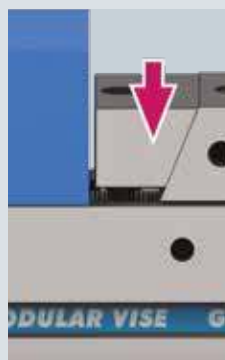
Quick and versatile jaws positioning very close to the workpiece.

Azione discendente

Pull down jaw action

Cuneo di spinta guidato con sistema a pettine di righe rettificato di ganascia fissa e di ganascia mobile.

Wedge clamp with guided pull down low action thanks to the ground comb-teeth even between the fixed and movable jaws



SERRAGGI ILLIMITATI / UNLIMITED CLAMPING

(Ganasce a gradino, zigrinate, lisce, per tondi, dolci, doppie, ecc.) La posizione, il numero o il tipo di ganascia può variare a seconda delle necessità di serraggio (possibilità di bloccare da 1 a 19 pezzi sulla stessa morsa) Pag.6.21

(Step jaws, serrated, flat, prismatic, soft, double, etc.) The jaws positioning, number or type could vary according to the workholding needs (from 1 to 19 pcs. clamping possibility on the same vise base) Page. 6.21

Montaggio in parallelo *Parallel mounting*

10 morse - Serraggio di 1 particolare
10 vises - 1 workpiece clamped

Montaggio in parallelo *Parallel mounting*

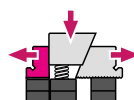
10 morse - Serraggio di 4 particolari
10 vises - 4 workpiece clamped

Montaggio in Linea *In line mounting*

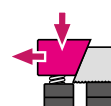
6 morse - Serraggio di 8 particolari
6 vises - 8 workpiece clamped

Montaggio in Linea *In line mounting*

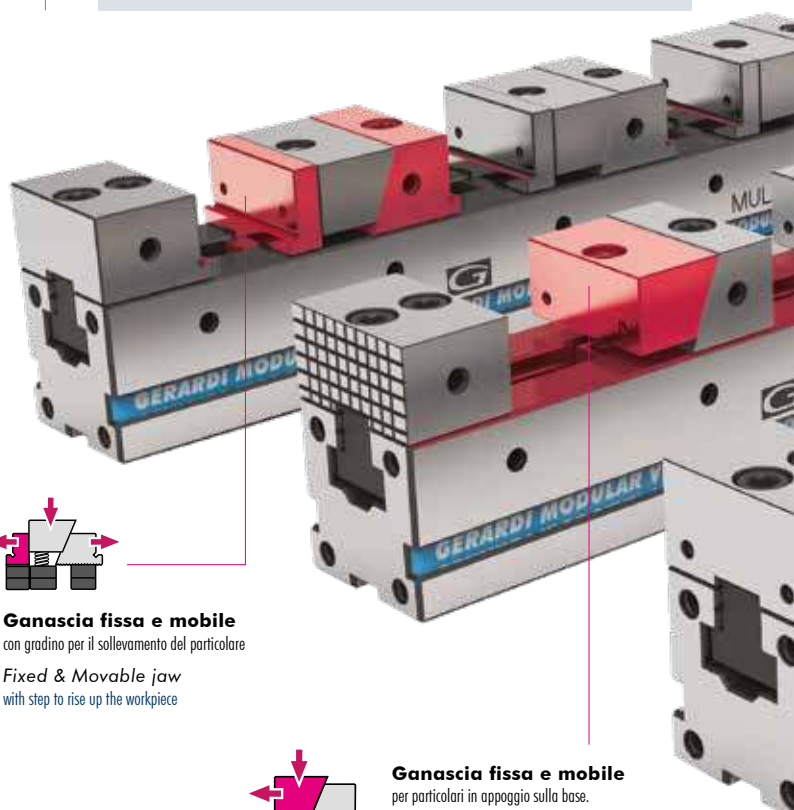
6 morse - Serraggio di 24 particolari
6 vises - 24 workpiece clamped



Ganascia fissa e mobile
con gradino per il sollevamento del particolare
Fixed & Movable jaw
with step to rise up the workpiece

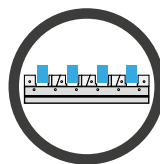


Ganascia fissa e mobile
per particolari in appoggio sulla base.
Fixed & Movable jaw
with step to rise up the workpiece



Le morse della serie MULTIFLEX rappresentano un innovativo sistema modulare di serraggio in grado di sfruttare al massimo la capacità della tavola della macchina e di aumentarne, di conseguenza, la produttività. Il sistema è stato ideato per poter serrare contemporaneamente un notevole numero di pezzi sulla tavola della macchina utensile, riducendo così notevolmente i tempi morti.

The MULTIFLEX series vises are a total new concept of modular clamping system able to maximize the machine table capacity and thus to increase its productivity. This system is designated for clamping several workpieces at the same time on the machine tool table, thus reducing tool changeover times.



SCAN IT TO WATCH THE



VIDEO PRESENTATION



Le morse più versatili !
The most versatile vises !

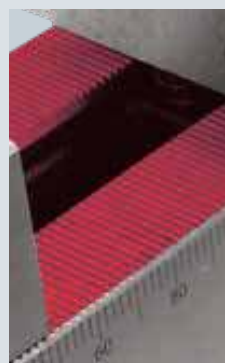


Massima precisione garantita

Highest accuracy guaranteed

Di posizionamento ed allineamento delle ganasce e delle morse grazie alla rettificatura dal pieno della dentatura di ancoraggio della base.

In positioning and alignment ($\pm 0,02$ mm) thanks to the ground rock teeth on both the base and the fixed jaws.

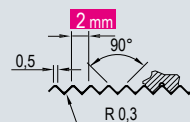


Versatilità

Versatility

Possibilità di posizionamento, aggiunta o rimozione ganasce su qualsiasi posizione della dentatura.

Possibility of jaws positioning, addition or remove on whatever position on the vise base teeth

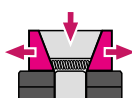
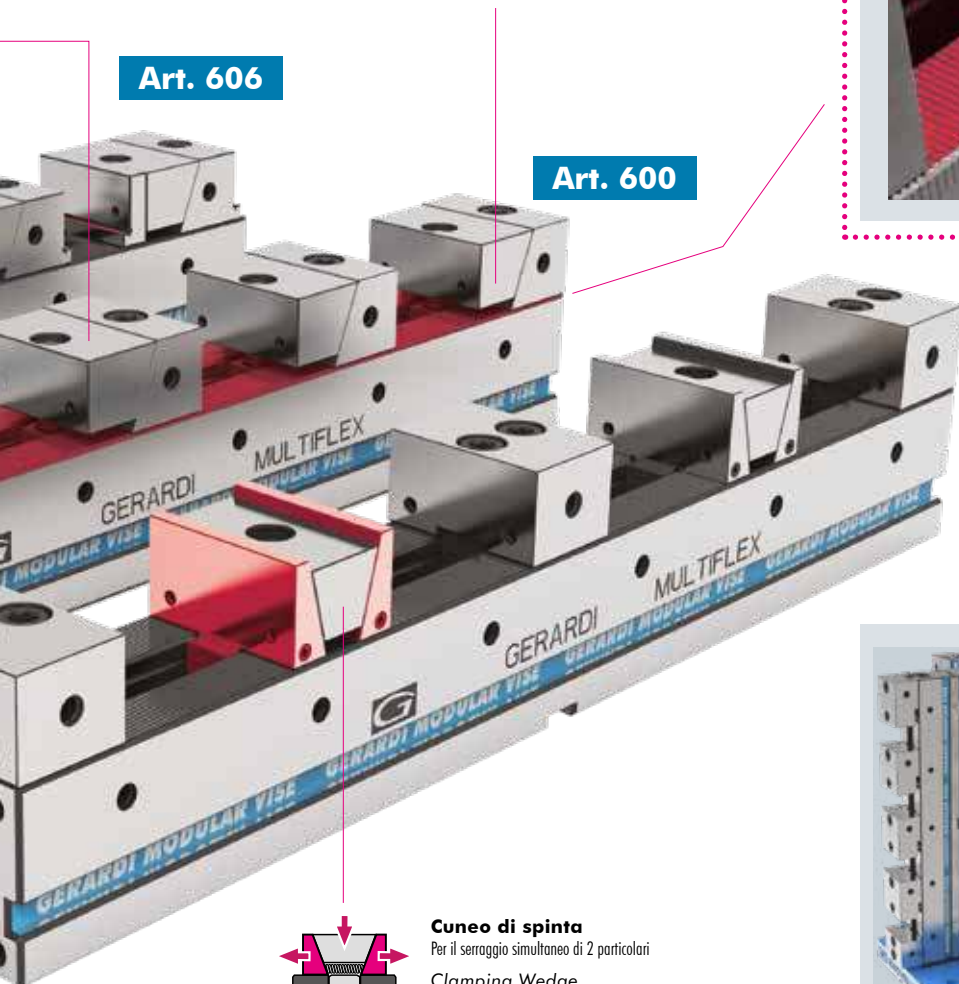


2 mm
 Passo delle righe
 Rows pitch

Art. 606

Art. 600

Art. 611



Cuneo di spinta

Per il serraggio simultaneo di 2 particolari

Clamping Wedge

To the clamp of 2 workpieces simultaneously

Montaggio Verticale

Vertical Set-Up



Tramite distanziali, strutture portapezzi o cubi-morsa verticali. Le morse modulari MULTIFLEX possono essere assemblate verticalmente, legate fra loro o montate su specifiche strutture portapezzi.

Through spacers, tombstones or vise-towers. MULTIFLEX vises can be vertically assembled linked each other or clamped to specific workholding structures.

Staffe d'ancoraggio / Vise holding clamps

MULTIFLEX

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

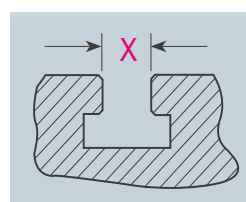
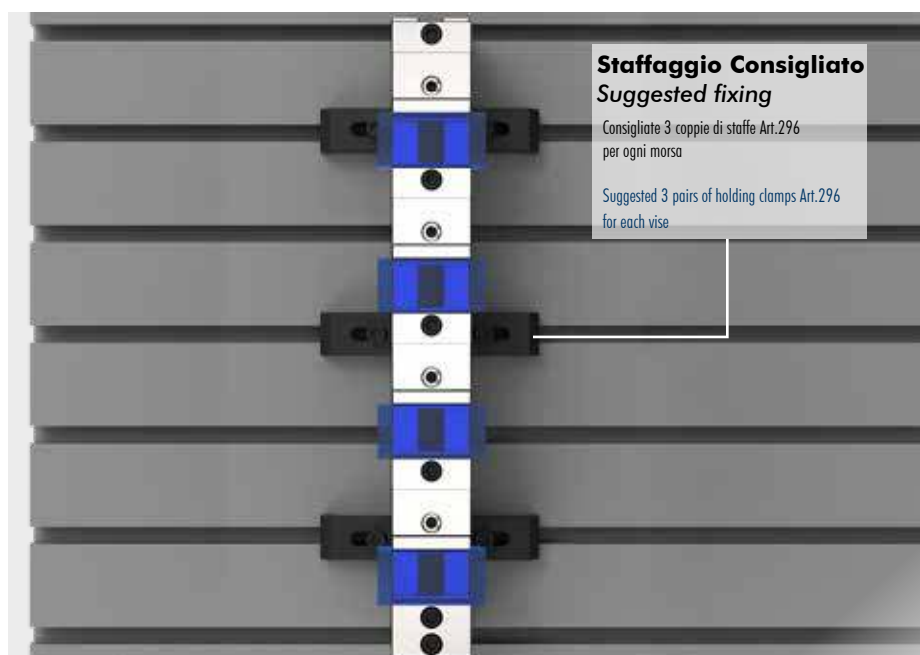


Esempio d'ordine per morsa tipo 3 su macchina con cave a T da 18mm: Art.296 T.3 X=18mm

Oppure con codice: 2.29.6200 X=18mm

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

Also with code: 2.29.6200 X=18mm



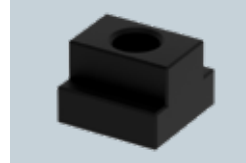
Cava a T

T Slot

Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension

Ref N° Pag.4.34

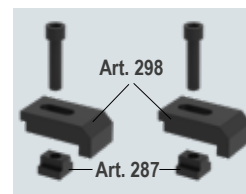


Art.287

Dadi a T - T Nuts

Per fissaggio morse alle cave a T della macchina

For vise clamping on the machine T-slots

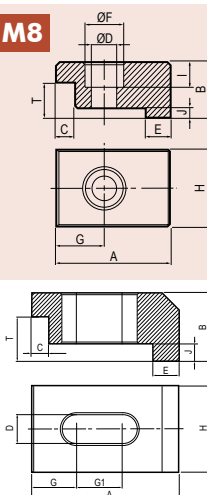


Art.296

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

* Scelta consigliata - Suggested choice

* Scelta NON consigliata - NOT Suggested choice

Soluzioni personalizzate / Customized solutions

MULTIFLEX

Soluzioni personalizzate a tutti i vostri problemi di serraggio

Customized solutions for all your clamping problems



Morse Multiflex montate verticalmente

Multiflex vises vertically mounted

Cubo portapezzi Art.53C con 8 morse Multiflex Art.606 2x600 montato su Matsura H.Plus 400 per serraggio di 32 pezzi

Tombstone Art.53C with 8 Multiflex vises Art.606 2x600 mounted on Matsura H.Plus 400 for 32 pcs clamping



Morse Multiflex

Multiflex vises

Morse Multiflex montate in parallelo su centro di lavoro verticale per serraggi multipli

Multiflex vises mounted in parallel on vertical machining centre for multiple clamping



Cubo Multiflex

Multiflex vise tower

Particolari fuori dimensione, ma lavorati su cubo Multiflex Art.607 tipo 2

Rather big work-pieces machined on a Multiflex vise tower Art.607 Type 2



Morse Multiflex su quarto asse

Multiflex vises on 4th axis

Morsa Multiflex con relativa piastra di interfaccia montata su quarto asse

Multiflex vise with interface plate assembled on 4th axis



Morse Multiflex

Multiflex vises

Morse Multiflex Art.611 Tipo 1x700mm con ganasce doppie montate su centro di lavoro HAAS per serraggio di 2 particolari, uno fuori dimensione ed uno molto più piccolo

Multiflex vises Art.611 Type 1x700mm with double jaws shown on Haas machining centre for 2 workpieces clamping, one rather big and the other much smaller.

GUIDA RAPIDA

Per la scelta della morsa Multiflex più adatta alle vostre esigenze

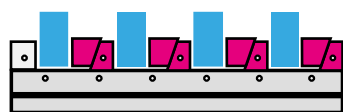
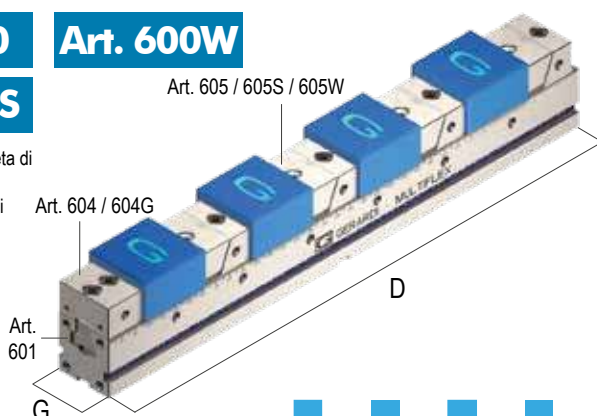
Tipo (grandezza) morsa / Vise type (size)

Art. 600

Art. 600W

Art. 600S

 Ogni morsa è completa di
 1 ganasca fissa,
 4 ganasce fisse-mobili

 Each vise is
 supplied with
 1 fixed jaw and
 4 fixed-movable
 jaws

 Per particolari in appoggio sulla base
 For workpieces clamped directly on vise base

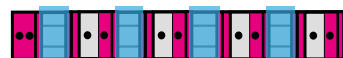
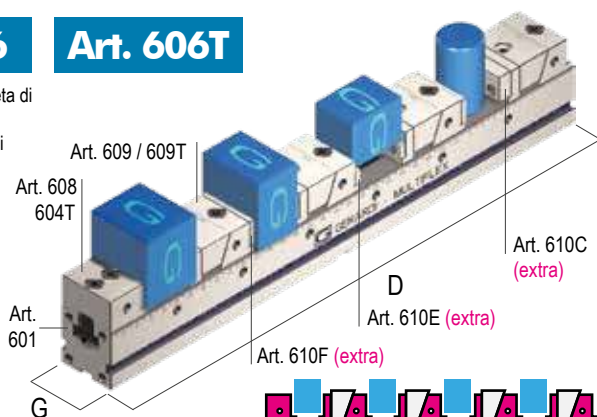
 Apertura max in relazione al numero dei particolari
 Max opening according to workpieces to be clamped

	kN	1 20 kN		
D		300	400	500
G $^{0}_{-0.02}$		50	50	50
1 pezzo / piece		205	305	408
2 pezzi / pieces		75	125	175
3 pezzi / pieces		30	64	96
4 pezzi / pieces		8	33	58
5 pezzi / pieces		-	15	35
6 pezzi / pieces		-	3	19
7 pezzi / pieces		-	-	8
8 pezzi / pieces		-	-	-
9 pezzi / pieces		-	-	-
10 pezzi / pieces		-	-	-
11 pezzi / pieces		-	-	-
12 pezzi / pieces		-	-	-
Cod. Art. 600		6.60.01300	6.60.01400	6.60.01500
Cod. Art. 600S		6.60.0S130	6.60.0S140	6.60.0S150
Cod. Art. 600W		6.60.0W130	6.60.0W140	6.60.0W150

Art. 606

Art. 606T

 Ogni morsa è completa di
 1 ganasca fissa,
 4 ganasce fisse-mobili

 Each vise is
 supplied with
 1 fixed jaw and
 4 fixed-movable
 jaws

 Per particolari sollevati per forature passanti
 Rised workpieces for drill through holes

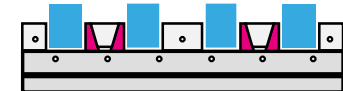
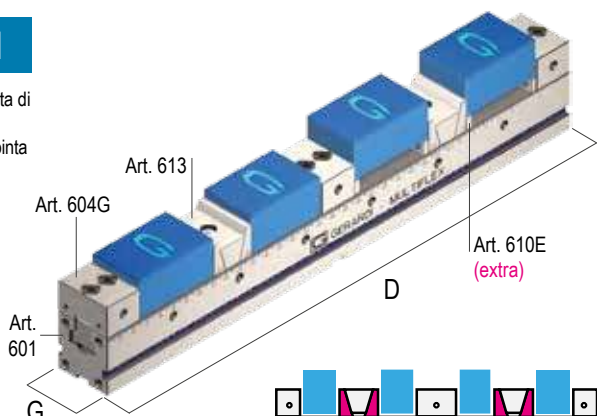
 Apertura max in relazione al numero dei particolari
 Max opening according to workpieces to be clamped

	D	300 *	400	500
G $^{0}_{-0.02}$		50	50	50
1 pezzo / piece		193	293	393
2 pezzi / pieces		63	113	163
3 pezzi / pieces		19	53	86
4 pezzi / pieces		-	23	48
5 pezzi / pieces		-	-	25
6 pezzi / pieces		-	-	-
7 pezzi / pieces		-	-	-
8 pezzi / pieces		-	-	-
9 pezzi / pieces		-	-	-
10 pezzi / pieces		-	-	-
11 pezzi / pieces		-	-	-
12 pezzi / pieces		-	-	-
Cod. Art. 606		6.60.61300	6.60.61400	6.60.61500
Cod. Art. 606T		6.60.6T130	6.60.6T140	6.60.6T150

* Solo per tipo 1 x 300 e 2 x 400 n. 3 ganasce fisse-mobili in dotazione Standaard

Art. 611

 Ogni morsa è completa di
 3 ganasce fisse,
 2 ganasce mobili di spinta

 Each vise is
 supplied with
 3 fixed jaws
 and 2 clamping
 movable jaws

 Per particolari in appoggio oppure sollevati con paralleli
 For workpieces on vise base or rised up with parallels

 Apertura max in relazione al numero dei particolari
 Max opening according to workpieces to be clamped

	D	300	400	500
G $^{0}_{-0.02}$		50	50	50
1 pezzo / piece		174	274	374
2 pezzi / pieces		87	137	185
3 pezzi / pieces		28	62	95
4 pezzi / pieces		21	46	71
5 pezzi / pieces		-	19	39
6 pezzi / pieces		-	16	33
7 pezzi / pieces		-	-	15
8 pezzi / pieces		-	-	13
9 pezzi / pieces		-	-	2
10 pezzi / pieces		-	-	-
11 pezzi / pieces		-	-	-
12 pezzi / pieces		-	-	-
Cod.		6.61.11300	6.61.11400	6.61.11500

QUICK GUIDE

For the proper Multiflex vise choice according to your specific application

	1 20 kN		2 30 kN						3 40 kN			
D	600	700	400	500	600	700	800	900	700	800	900	1000
G $\begin{smallmatrix} 0 \\ -0,02 \end{smallmatrix}$	50	50	75	75	75	75	75	75	100	100	100	100
1 pcs.	508	608	275	375	475	575	675	755	532	632	732	832
2 pcs.	225	275	100	150	200	250	300	350	217	267	317	367
3 pcs.	129	161	41	75	108	141	175	280	112	145	178	211
4 pcs.	83	108	12	37	62	87	112	137,5	59	84	109	134
5 pcs.	55	75	-	15	35	55	75	95	28	48	68	88
6 pcs.	36	52	-	-	16	33	50	66,5	7	23	39	55
7 pcs.	22	36	-	-	3	17	32	46	-	6	2	34
8 pcs.	12	24	-	-	-	6	18	31	-	-	5	18
9 pcs.	5	16	-	-	-	-	8	19	-	-	-	5
10 pcs.	-	8	-	-	-	-	-	10	-	-	-	-
11 pcs.	-	2	-	-	-	-	-	2	-	-	-	-
12 pcs.	-	-	-	-	-	-	-	-	-	-	-	-
Cod. Art.	6.60.01600	6.60.01700	6.60.02400	6.60.02500	6.60.02600	6.60.02700	6.60.02800	6.60.02900	6.60.03700	6.60.03800	6.60.03900	6.60.03100
Cod. Art.	6.60.0S160	6.60.0S170	6.60.0S240	6.60.0S250	6.60.0S260	6.60.0S270	6.60.0S280	6.60.0S290	6.60.0S370	6.60.0S380	6.60.0S390	6.60.0S310
Cod. Art.	6.60.0W160	6.60.0W170	6.60.0W240	6.60.0W250	6.60.0W260	6.60.0W270	6.60.0W280	6.60.0W290	6.60.0W370	6.60.0W380	6.60.0W390	6.60.0W310

D	600	700	400 *	500	600	700	800	900	700	800	900	1000
G $\begin{smallmatrix} 0 \\ -0,02 \end{smallmatrix}$	50	50	75	75	75	75	75	75	100	100	100	100
1 pcs.	493	593	262	362	462	562	662	762	512	612	712	812
2 pcs.	213	263	87	137	187	237	287	337	197	247	294	347
3 pcs.	119	152	28	62	95	128	162	195	92	125	158	191
4 pcs.	73	97	-	4 x 27	4 x 52	4 x 77	4 x 102	4 x 127	39	64	89	114
5 pcs.	45	64	-	2	22	42	62	82	8	28	48	68
6 pcs.	26	42	-	-	3	20	37	53,5	-	3	20	37
7 pcs.	13	26	-	-	-	4	19	33	-	-	-	14
8 pcs.	-	14	-	-	-	-	5	18	-	-	-	-
9 pcs.	-	5	-	-	-	-	-	6	-	-	-	-
10 pcs.	-	-	-	-	-	-	-	-	-	-	-	-
11 pcs.	-	-	-	-	-	-	-	-	-	-	-	-
12 pcs.	-	-	-	-	-	-	-	-	-	-	-	-
Cod. Art.	6.60.61600	6.60.61700	6.60.62400	6.60.62500	6.60.62600	6.60.62700	6.60.62800	6.60.62900	6.60.63700	6.60.63800	6.60.63900	6.60.63100
Cod. Art.	6.60.6T160	6.60.6T170	6.60.6T240	6.60.6T250	6.60.6T260	6.60.6T270	6.60.6T280	6.60.6T290	6.60.6T370	6.60.6T380	6.60.6T390	6.60.6T310

* Only for type 1 x 300 and 2 x 400 n. 3 fixed-movable jaws Included in the standard equipment

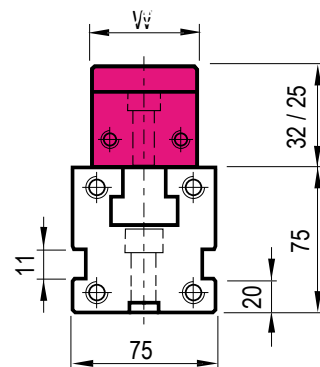
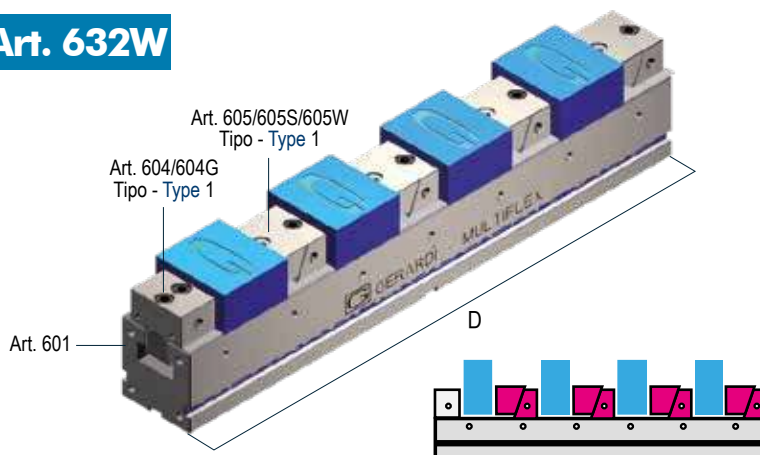
D	600	700	400	500	600	700	800	900	700	800	900	1000
G $\begin{smallmatrix} 0 \\ -0,02 \end{smallmatrix}$	50	50	75	75	75	75	75	75	100	100	100	100
1 pcs.	474	574	242	342	442	542	642	792	470	570	670	770
2 pcs.	237	287	121	171	221	271	321	371	235	285	335	285
3 pcs.	128	162	45	78	112	145	178	228	103	136	169	202
4 pcs.	96	121	34	59	84	109	134	158,5	77	102	127	152
5 pcs.	59	79	5	25	45	65	85	115	30	50	70	90
6 pcs.	49	66	-	21	38	54	71	87,5	25	41	57	73
7 pcs.	30	44	-	3	17	31	46	66,5	-	12	26	40
8 pcs.	26	38	-	-	15	27	40	52	-	11	23	35
9 pcs.	13	24	-	-	1	12	23	40	-	-	3	14
10 pcs.	12	22	-	-	-	11	21	31	-	-	-	-
11 pcs.	3	12	-	-	-	-	10	22,5	-	-	-	-
12 pcs.	2	11	-	-	-	-	9	16,5	-	-	-	-
Cod. Art.	6.61.11600	6.61.11700	6.61.12400	6.61.12500	6.61.12600	6.61.12700	6.61.12800	6.61.12900	6.61.13700	6.61.13800	6.61.13900	6.61.13100

GUIDA RAPIDA

Per la scelta della morsa Multiflex più adatta alle vostre esigenze

GANASCIA Tipo 1 (49mm) su BASE Tipo 2 / JAW Type 1 (49mm) on BASE Type 2
Art. 632
Art. 632W
Art. 632S

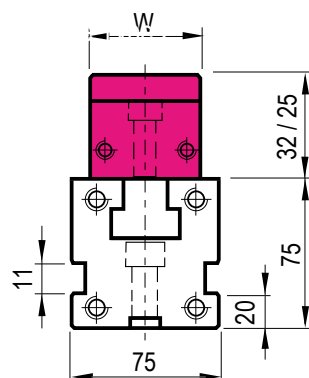
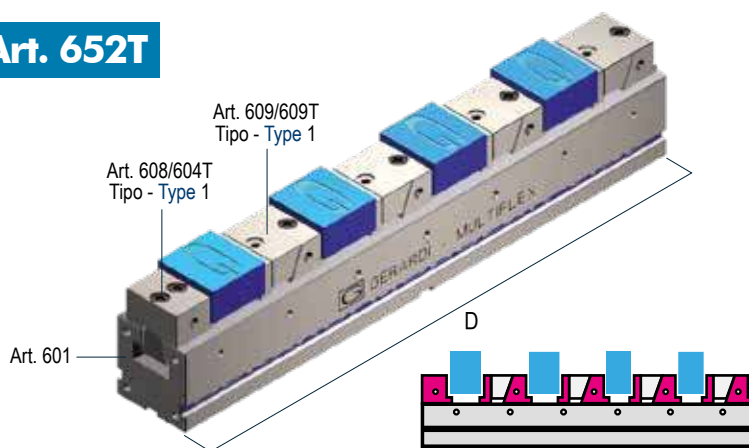
 Ogni morsa è completa di
 1 ganascia fissa, 4 ganasce
 fisse-mobili

 Each vise is supplied with
 1 fixed jaw and 4 fixed-
 movable jaws

Ganascia tipo 1 ⇒ Base tipo 2
Jaw type 1 ⇒ Base type 2

 Per particolari in appoggio sulla base
 For workpieces clamped directly on vise base

Art. 652
Art. 652T

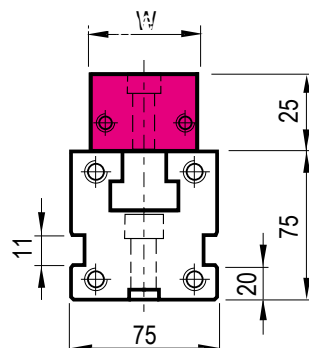
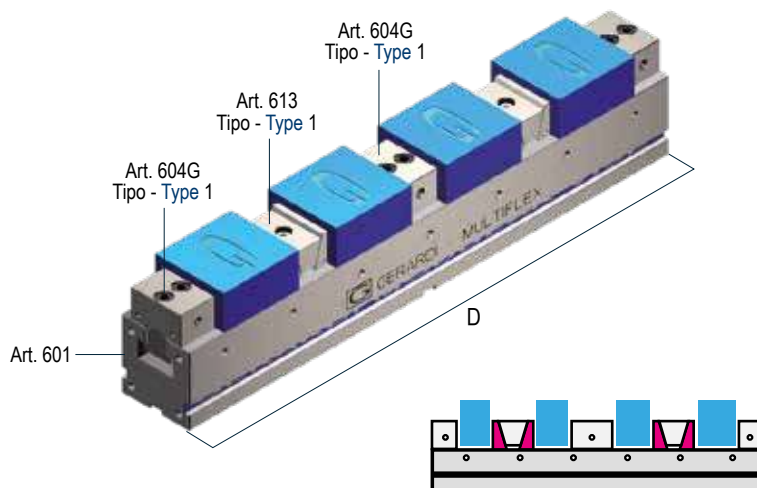
 Ogni morsa è completa di
 1 ganascia fissa,
 4 ganasce fisse-mobili

 Each vise is supplied with
 1 fixed jaw and 4 fixed-movable
 jaws

Ganascia tipo 1 ⇒ Base tipo 2
Jaw type 1 ⇒ Base type 2

 Per particolari sollevati per forature passanti
 Rised workpieces for drill through holes

Art. 692

 Ogni morsa è completa di
 3 ganasce fisse, 2 ganasce
 mobili di spinta

 Each vise is supplied with
 3 fixed jaws and 2 clamping
 movable jaws

Ganascia tipo 1 ⇒ Base tipo 2
Jaw type 1 ⇒ Base type 2

 Per particolari in appoggio oppure sollevati con parallele
 For workpieces on vise base or rised up with parallels

QUICK GUIDE

For the proper Multiflex vise choice according to your specific application

		kN	GANASCIA Tipo 1 - / JAW Type 1				
			20 kN				
D		400	500	600	700	800	900
Apertura max in relazione al numero dei particolari Max opening according to workpieces to be clamped	1 pezzo / piece	304	404	504	604	704	804
	2 pezzi / pieces	123	173	223	273	323	373
	3 pezzi / pieces	62,7	96	129,3	162,7	196	229,3
	4 pezzi / pieces	32,5	57,5	82,5	107,5	132,5	157,5
	5 pezzi / pieces	14,4	34,4	54,4	74,4	94,4	114,4
	6 pezzi / pieces	2,3	19	35,7	52,3	69	85,7
	7 pezzi / pieces	-	8	22,3	36,6	50,9	65,1
	8 pezzi / pieces	-	-	12,3	24,8	37,3	49,8
	9 pezzi / pieces	-	-	4,4	15,6	26,7	37,8
	10 pezzi / pieces	-	-	-	8,2	18,2	28,2
	11 pezzi / pieces	-	-	-	2,2	11,3	20,4
	12 pezzi / pieces	-	-	-	-	5,5	13,8
	13 pezzi / pieces	-	-	-	-	11,3	8,3
Cod. Art. 632		6.63.21400	6.63.21500	6.63.21600	6.63.21700	6.63.21800	6.63.21900
Cod. Art. 632S		6.63.2S140	6.63.2S150	6.63.2S160	6.63.2S170	6.63.2S180	6.63.2S190
Cod. Art. 632W		6.63.2W140	6.63.2W150	6.63.2W160	6.63.2W170	6.63.2W180	6.63.2W190

		D	400	500	600	700	800	900
Apertura max in relazione al numero dei particolari Max opening according to workpieces to be clamped	1 pezzo / piece		296	396	496	596	696	796
	2 pezzi / pieces		115	165	215	265	315	365
	3 pezzi / pieces		54,7	88	121,3	154,7	188	221,3
	4 pezzi / pieces		24,5	49,5	74,5	99,5	124,5	149,5
	5 pezzi / pieces		6,4	26,4	46,4	66,4	86,4	106,4
	6 pezzi / pieces		-	11	27,7	44,3	61	77,7
	7 pezzi / pieces		-	-	14,3	28,6	42,9	57,1
	8 pezzi / pieces		-	-	4,3	16,8	29,3	41,8
	9 pezzi / pieces		-	-	-	7,6	18,7	29,8
	10 pezzi / pieces		-	-	-	0,2	10,2	20,2
	11 pezzi / pieces		-	-	-	-	3,3	12,4
	12 pezzi / pieces		-	-	-	-	-	5,8
Cod. Art. 652			6.65.21400	6.65.21500	6.65.21600	6.65.21700	6.65.21800	6.65.21900
Cod. Art. 652T			6.65.2T140	6.65.2T150	6.65.2T160	6.65.2T170	6.65.2T180	6.65.2T190

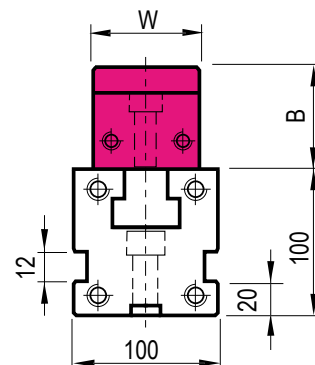
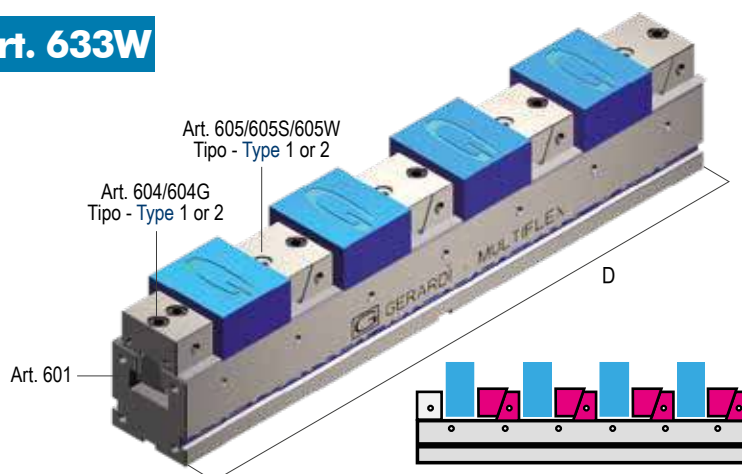
		D	400	500	600	700	800	900
Apertura max in relazione al numero dei particolari Max opening according to workpieces to be clamped	1 pezzo / piece		277	377	477	577	677	777
	2 pezzi / pieces		138,5	188,5	238,5	288,5	338,5	388,5
	3 pezzi / pieces		64	97,3	130,7	164	197,3	230,7
	4 pezzi / pieces		48	73	98	123	148	173
	5 pezzi / pieces		21,4	41,4	61,4	81,4	101,4	121,4
	6 pezzi / pieces		17,8	34,5	51,2	67,8	84,5	101,2
	7 pezzi / pieces		3,1	17,4	31,7	46	60,3	74,6
	8 pezzi / pieces		2,8	15,3	27,8	40,3	52,8	65,3
	9 pezzi / pieces		-	4,1	15,2	26,3	37,4	48,6
	10 pezzi / pieces		-	3,7	13,7	23,7	33,7	43,7
	11 pezzi / pieces		-	-	4,7	13,8	22,9	32
	12 pezzi / pieces		-	-	4,3	12,7	21	29,3
	13 pezzi / pieces		-	-	-	5,2	12,8	20,5
	14 pezzi / pieces		-	-	-	1,4	8,6	15,7
	15 pezzi / pieces		-	-	-	-	5,5	12,1
	16 pezzi / pieces		-	-	-	-	2,2	8,4
	17 pezzi / pieces		-	-	-	-	-	5,7
Cod.			6.69.21400	6.69.21500	6.69.21600	6.69.21700	6.69.21800	6.69.21900

GUIDA RAPIDA

Per la scelta della morsa Multiflex più adatta alle vostre esigenze

GANASCIA Tipo 1 o Tipo 2 (49 o 74mm) su BASE Tipo 3 / JAW Type 1 or Type 2 (49 o 74mm) on BASE Type 3
Art. 633
Art. 633W
Art. 633S

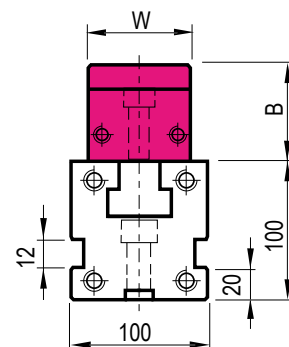
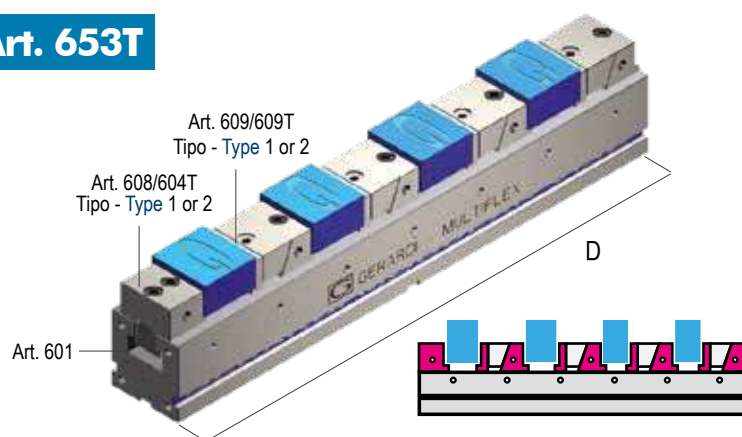
 Ogni morsa è completa di
 1 ganascia fissa,
 4 ganasce fisse-mobili

 Each vise is supplied with
 1 fixed jaw and
 4 fixed-movable jaws

Ganascia tipo 1 o 2 ⇒ Base tipo 3
Jaw type 1 or 2 ⇒ Base type 3

 Per particolari in appoggio sulla base
 For workpieces clamped directly on vise base

Art. 653
Art. 653T

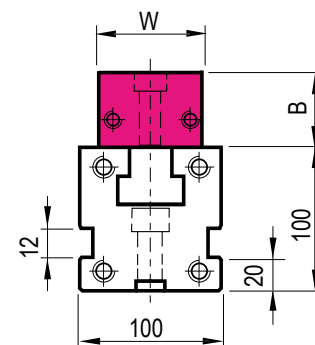
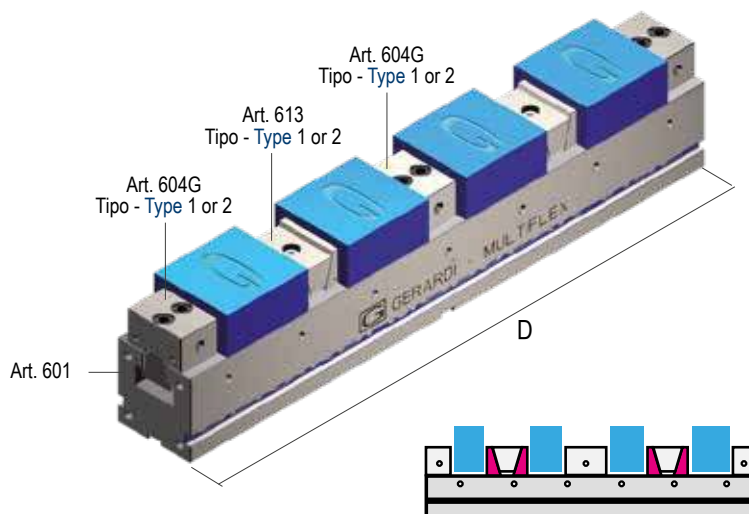
 Ogni morsa è completa di
 1 ganascia fissa,
 4 ganasce fisse-mobili

 Each vise is supplied with
 1 fixed jaw and
 4 fixed-movable jaws

Ganascia tipo 1 o 2 ⇒ Base tipo 3
Jaw type 1 or 2 ⇒ Base type 3

 Per particolari sollevati per forature passanti
 Rised workpieces for drill through holes

Art. 693

 Ogni morsa è completa di
 3 ganasce fisse,
 2 ganasce mobili di spinta

 Each vise is supplied with
 3 fixed jaws
 and 2 clamping movable jaws

Ganascia tipo 1 o 2 ⇒ Base tipo 3
Jaw type 1 or 2 ⇒ Base type 3

 Per particolari in appoggio oppure sollevati con parallele
 For workpieces on vise base or rised up with parallels

QUICK GUIDE

For the proper Multiflex vise choice according to your specific application

		kN	GANASCIA Tipo 1 - / JAW Type 1				GANASCIA Tipo 2 - / JAW Type 2			
			20 kN				30 kN			
		D	700	800	900	1000	700	800	900	1000
		W	49				74			
Apertura max in relazione al numero dei particolari	Max opening according to workpieces to be clamped	1 pezzo / piece	606	706	806	906	578	678	778	878
		2 pezzi / pieces	275	325	375	425	253	303	353	403
		3 pezzi / pieces	164,7	198	231,3	264,7	144,7	178	211,3	244,7
		4 pezzi / pieces	109,5	134,5	159,5	184,5	90,5	115,5	140,5	165,5
		5 pezzi / pieces	76,4	96,4	116,4	136,4	58	78	98	118
		6 pezzi / pieces	54,3	71	87,7	104,3	36,3	53	69,7	86,3
		7 pezzi / pieces	38,6	52,9	67,1	81,4	20,9	35	49,4	63,7
		8 pezzi / pieces	26,8	39,3	51,8	64,3	9,3	21,8	34,3	46,8
		9 pezzi / pieces	17,6	28,7	39,8	50,9	-	11,3	22,4	33,6
		10 pezzi / pieces	10,2	20,2	30,2	40,2	-	3	13	23
		11 pezzi / pieces	4,2	13,3	22,4	31,5	-	-	5,3	14,4
		12 pezzi / pieces	-	7,5	15,8	24,2	-	-	-	7,2
		13 pezzi / pieces	-	2,6	10,3	18	-	-	-	-
		14 pezzi / pieces	-	-	5,6	12,7	-	-	-	-
		15 pezzi / pieces	-	-	1,5	8,1	-	-	-	-
		Cod. Art. 633	6.63.31700	6.63.31800	6.63.31900	6.63.31100	6.63.32700	6.63.32800	6.63.32900	6.63.32100
		Cod. Art. 633S	6.63.3S170	6.63.3S180	6.63.3S190	6.63.3S110	6.63.3S270	6.63.3S280	6.63.3S290	6.63.3S210
		Cod. Art. 633W	6.63.3W170	6.63.3W180	6.63.3W190	6.63.3W110	6.63.3W270	6.63.3W280	6.63.3W290	6.63.3W210

		D	700	800	900	1000	700	800	900	1000		
		W	49				74					
Apertura max in relazione al numero dei particolari	Max opening according to workpieces to be clamped	1 pezzo / piece	596	696	796	896	565	665	765	865		
		2 pezzi / pieces	265	315	365	415	240	290	340	390		
		3 pezzi / pieces	154,7	188	221,3	254,7	131,7	165	198,3	231,7		
		4 pezzi / pieces	99,5	124,5	149,5	174,5	77,5	102,5	127,5	152,5		
		5 pezzi / pieces	66,4	86,4	106,4	126,4	45	65	85	105		
		6 pezzi / pieces	44,3	61	77,7	94,3	23,3	40	56,7	73,3		
		7 pezzi / pieces	28,6	42,9	57,1	71,4	7,9	22,1	36,4	50,7		
		8 pezzi / pieces	16,8	29,3	41,8	54,3	-	8,8	21,3	33,8		
		9 pezzi / pieces	7,6	18,7	29,8	40,9	-	-	9,4	20,6		
		10 pezzi / pieces	-	10,2	20,2	30,2	-	-	-	10		
		11 pezzi / pieces	-	3,3	12,4	21,5	-	-	-	-		
		12 pezzi / pieces	-	-	5,8	14,2	-	-	-	-		
		13 pezzi / pieces	-	-	-	8	-	-	-	-		
				Cod.Art. 653	6.65.31700	6.65.31800	6.65.31900	6.65.31100	6.65.32700	6.65.32800	6.65.32900	6.65.32100
				Cod.Art. 653T	6.65.3T170	6.65.3T180	6.65.3T190	6.65.3T110	6.65.3T270	6.65.3T280	6.65.3T290	6.65.3T210

		D	700	800	900	1000	700	800	900	1000
		W	49				74			
Apertura max in relazione al numero dei particolari	Max opening according to workpieces to be clamped	1 pezzo / piece	577	677	777	877	545	645	745	845
		2 pezzi / pieces	288,5	338,5	388,5	438,5	272	322,5	372,5	422,5
		3 pezzi / pieces	164	197,3	230,7	264	146,7	180	213	246,7
		4 pezzi / pieces	123	148	123	198	110	135	160	185
		5 pezzi / pieces	81,4	101,4	121,4	141,4	67	87	107	127
		6 pezzi / pieces	67,8	84,5	101,2	117,8	55,8	72,5	89,2	105,8
		7 pezzi / pieces	46	60,3	74,6	88,9	32,9	47,1	61,4	75,7
		8 pezzi / pieces	40,3	52,8	65,3	77,8	28,8	41,3	53,8	66,3
		9 pezzi / pieces	26,3	37,4	48,6	59,7	13,9	25	36,1	47,2
		10 pezzi / pieces	23,7	33,7	43,7	53,7	12,5	22,5	32,5	42,5
		11 pezzi / pieces	13,8	22,9	32	41,1	-	10,9	20	29,1
		12 pezzi / pieces	12,7	21	29,3	37,7	-	10	18,3	26,7
		13 pezzi / pieces	5,2	12,8	20,5	28,2	-	-	8,8	16,5
		14 pezzi / pieces	1,4	8,6	15,7	22,9	-	-	4,3	11,4
		15 pezzi / pieces	-	5,5	12,1	18,8	-	-	-	7,3
		16 pezzi / pieces	-	2,2	8,4	14,7	-	-	-	3,4
		17 pezzi / pieces	-	-	5,7	11,6	-	-	-	-
		18 pezzi / pieces	-	-	-	8,3	-	-	-	-
		19 pezzi / pieces	-	-	-	5,9	-	-	-	-
		Cod.	6.69.31700	6.69.31800	6.69.31900	6.69.31100	6.69.32700	6.69.32800	6.69.32900	6.69.32100

Tipo (grandezza) morsa / Vise type (size)
Art. 600

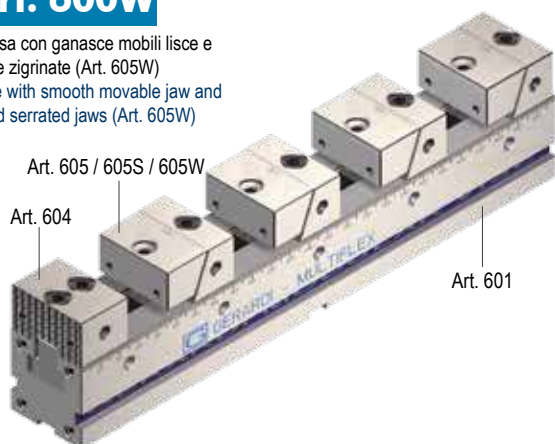
Morsa con ganasce lisce (Art. 605)
 Vise with smooth jaws (Art. 605)

Art. 600S

Morsa con ganasce zigrinate (Art. 605S)
 Vise with serrated jaws (Art. 605S)

Art. 600W

Morsa con ganasce mobili lisce e
 fisse zigrinate (Art. 605W)
 Vise with smooth movable jaw and
 fixed serrated jaws (Art. 605W)

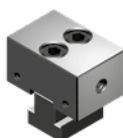


Per particolari in appoggio sulla base
 For workpieces clamped directly on vise base

kN	1				
	20 kN				
A	4 x 8mm	4 x 33	4 x 58	4 x 83	4 x 108
B	32 / 25				
C $^{+0}_{-0,02}$	50				
D	300	400	500	600	700
G $^{+0}_{-0,02}$	50				
J	38				
J1	55 / 58				
I	10				
L	15				
Z	100				
W	49				
Ø P	9				
Q	100	100	300	300	400
Ø F7	10				
kg	7,2	8,7	10,1	11,6	13
Cod. Art. 600	6.60.01300	6.60.01400	6.60.01500	6.60.01600	6.60.01700
Cod. Art. 600S	6.60.0S130	6.60.0S140	6.60.0S150	6.60.0S160	6.60.0S170
Cod. Art. 600W	6.60.0W130	6.60.0W140	6.60.0W150	6.60.0W160	6.60.0W170

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 604*

Ganascia fissa (1 lato liscia, 1 lato zigrinato)
 Fixed jaw (1 side smooth, 1 side serrated)



Cod. 6.60.41000

* Arresto laterale a richiesta Workstop on request

Art. 605*

Ganascia mobile e fissa liscia
 Fixed and movable smooth jaws


Art. 605S*

Ganascia mobile e fissa zigrinata
 Fixed and movable serrated jaws



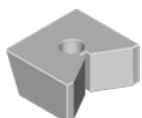
Cod. Art. 605 6.60.51000

Cod. Art. 605S 6.60.5S100

* Arresto laterale a richiesta Workstop on request

Art. 605L

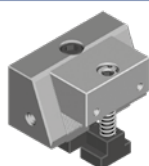
Cuneo di spinta a "V"
 "V" clamping wedge



Cod. 6.60.5L100

Art. 615*

Ganascia con cuneo di posizionamento maggiorato
 Jaw with bigger positioning wedge
 (increased with respect to standard dimensions)



Cod. 6.61.51000

* Arresto laterale a richiesta Workstop on request

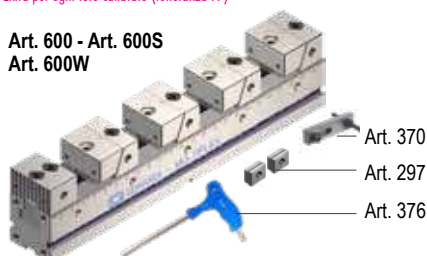
Art. 600
Art. 600S
Art. 600W

Dotazione standard:

- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

Extra per ogni foro calibrato (tolleranza F7)

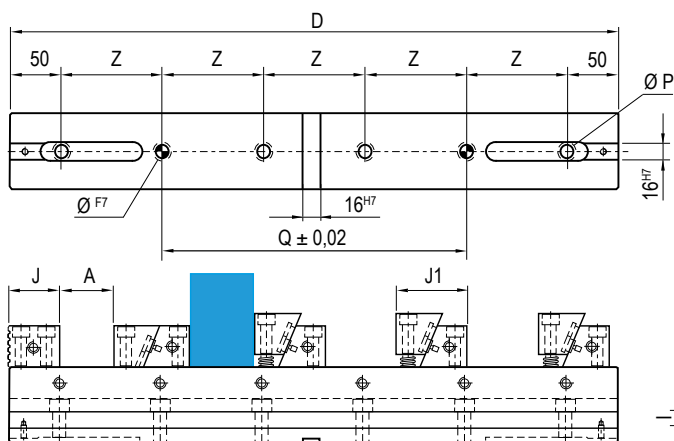
Art. 600 - Art. 600S
 Art. 600W



Standard equipment:

- 4 workstops Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 T-wrench Art. 376

Extra charge for each calibrated hole (F7 tolerance)


Art. 81 Vite calibrata
 Shoulder screw

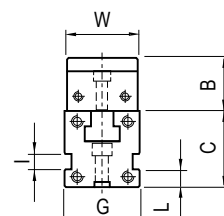
Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

Ø = Sede viti calibrate
 Hole for shoulder screw

Vedi pag. 6.38 - Vedi page 6.38



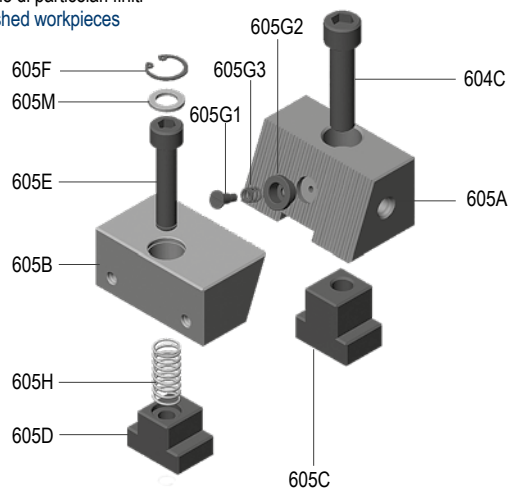
	2 30 kN						3 40 kN			
A	4 x 12mm	4 x 37	4 x 62	4 x 87	4 x 112	4x137	4 x 59	4 x 84	4 x 109	4 x 134
B	40						60			
C ^{-0 -0,02}	75						100			
D	400	500	600	700	800	900	700	800	900	1000
G ^{-0 -0,02}	75						100			
J	50						70			
J1	70 / 75						94,5 / 98,5			
I	11						12			
L	20						20			
Z	100						100			
W	74						99			
P	13						17			
Q	300	200	300	400	500	400	400	500	400	500
Ø F7	16						16			
kg	22,45	25,95	29,45	32,95	36,4	39,9	65,1	70,6	77,6	83,3
Cod. Art. 600	6.60.02400	6.60.02500	6.60.02600	6.60.02700	6.60.02800	6.60.02900	6.60.03700	6.60.03800	6.60.03900	6.60.03100
Cod. Art. 600S	6.60.0S240	6.60.0S250	6.60.0S260	6.60.0S270	6.60.0S280	6.60.0S290	6.60.0S370	6.60.0S380	6.60.0S390	6.60.0S310
Cod. Art. 600W	6.60.0W240	6.60.0W250	6.60.0W260	6.60.0W270	6.60.0W280	6.60.0W290	6.60.0W370	6.60.0W380	6.60.0W390	6.60.0W310

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

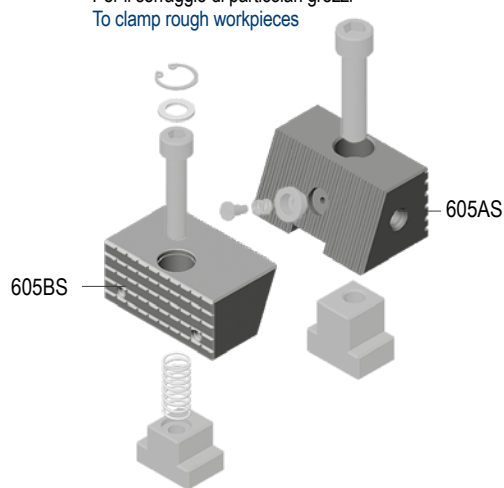
Cod.	6.60.42000	6.60.43000
Cod. Art.605	6.60.52000	6.60.53000
Cod. Art.605S	6.60.5S200	6.60.5S300
Cod.	6.60.5L200	6.60.5L300
Cod.	6.61.52000	6.61.53000

Art. 605
**GANASCIA LISCIA
JAW PLATE**

Per il serraggio di particolari finiti
To clamp finished workpieces


Art. 605S
**GANASCIA ZIGRINATA
SERRATED JAW**

Per il serraggio di particolari grezzi
To clamp rough workpieces



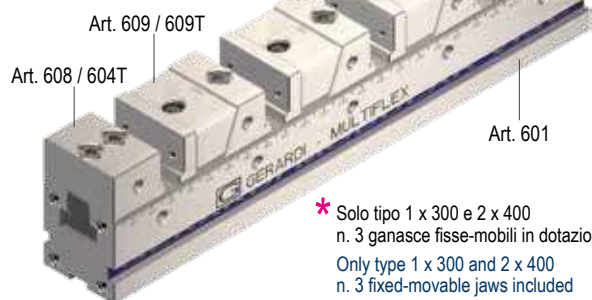
Art.	Pag.
601	6.30
604	6.32
605	6.33
605S	6.33
605A	6.35
605AS	6.35
605B	6.35
605BS	6.35
604C	6.35
605C	6.35
605D	6.35
605E	6.35
605F	6.35
605G1	6.35
605G2	6.35
605G3	6.35
605H	6.35
605M	6.35

Tipo (grandezza) morsa / Vise type (size)
Art. 606

Morsa con ganasce a gradino (Art. 609)
 Vise with step jaws (Art. 609)

Art. 606T

Morsa con ganasce **GRIP** (Art. 609T)
 Vise with **GRIP** jaws (Art. 609T)



* Solo tipo 1 x 300 e 2 x 400
 n. 3 ganasce fisse-mobili in dotazione
 Only type 1 x 300 and 2 x 400
 n. 3 fixed-movable jaws included

Per particolari sollevati per forature passanti
 Rised workpieces for drill through holes

kN	1				
	20 kN				
A (606)	3 x 19mm *	4 x 23	4 x 48	4 x 73	4 x 97
A1 (606T)	3 x 15,3mm	4 x 18,8	4 x 43,8	4 x 68,8	4 x 93,8
B ⁰ / _{-0,02}	32 / 25				
C	50				
D ⁰ / _{-0,02}	300	400	500	600	700
G	50				
J	38				
J1	65 / 68				
J2	59 / 62				
I	10				
L	15				
Z	100				
W	49				
Ø P	9				
Q	100	100	300	300	400
Ø F7	10				
kg	7,25	8,8	10,2	11,7	13,15
Cod. Art. 606	6.60.61300	6.60.61400	6.60.61500	6.60.61600	6.60.61700
Cod. Art. 606T	6.60.6T130	6.60.6T140	6.60.6T150	6.60.6T160	6.60.6T170

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 609*

Ganascia fissa e mobile con gradino
 Fixed and moving jaw with step



Cod. 6.60.91000

* Arresto laterale a richiesta Workstop on request

Art. 610B *

Piastra ganascia lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

Art. 610C *

Piastra ganascia liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

Art. 610D *

Piastra ganascia zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

Art. 610E *

Piastra ganascia parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

Art. 610F *

Piastra ganascia prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Art. 609T*

Ganascia fissa e mobile con piastra ganascia
GRIP a forte serraggio

Fixed and moving jaw with **GRIP** jaw-plates for strongest clamping



Cod. 6.60.9T100

* Arresto laterale a richiesta Workstop on request

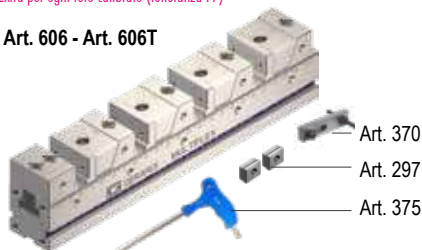
Art. 606
Art. 606T

Dotazione standard:

- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

Extra per ogni foro calibrato (tolleranza F7)

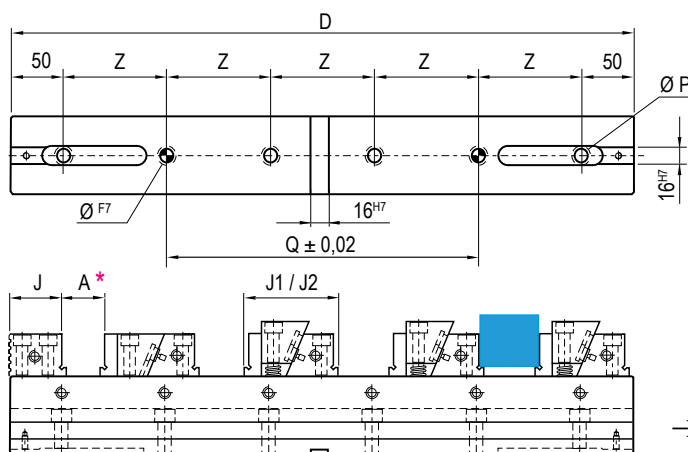
Art. 606 - Art. 606T



Standard equipment:

- 4 workstops Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 T-wrench Art. 376

Extra charge for each calibrated hole (F7 tolerance)


Art. 81

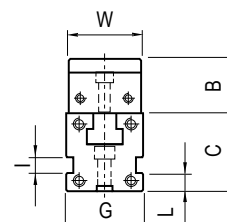
Vite calibrata
 Shoulder screw

Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

Ø = Sede viti calibrate
 Hole for shoulder screw
 Vedi pag. 6.38 - Vedi page 6.38

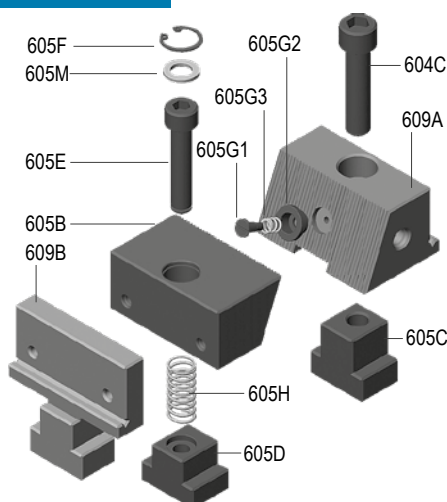
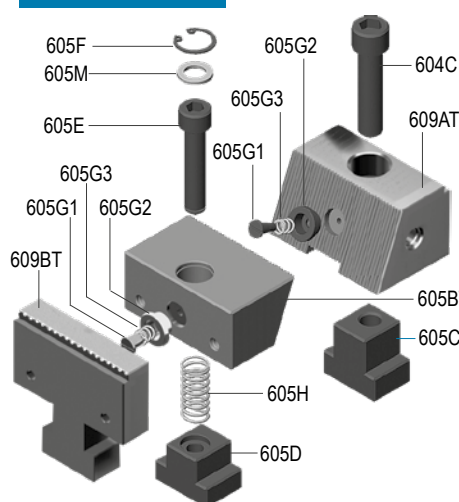


	2 30 kN						3 40 kN			
A (606)	3 x 31mm*	4 x 27	4 x 52	4 x 77	4 x 102	4 x 127	4 x 44	4 x 69	4 x 94	4 x 119
A1 (609T)	3 x 28mm	4 x 24	4 x 49	4 x 74	4 x 99	4 x 124	4 x 41,5	4 x 66,5	4 x 91,5	4 x 116,5
B ⁰ _{-0,02}				40						60
C				75						100
D ⁰ _{-0,02}	400	500	600	700	800	900	700	800	900	1000
G				75						100
J				50						70
J1				83 / 88						113 / 119
J2				77 / 82						103 / 107
I				11						12
L				20						20
Z				100						100
W				74						99
P				13						17
Q	300	200	300	400	500	400	400	500	400	500
Ø F7				16						16
kg	21,9	25,4	28,9	32,4	38,1	41,6	68,3	73,8	81	86,5
Cod. Art. 606	6.60.62400	6.60.62500	6.60.62600	6.60.62700	6.60.62800	6.60.62900	6.60.63700	6.60.63800	6.60.63900	6.60.63100
Cod. Art. 606T	6.60.6T240	6.60.6T250	6.60.6T260	6.60.6T270	6.60.6T280	6.60.6T290	6.60.6T370	6.60.6T380	6.60.6T390	6.60.6T310

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Cod.	6.60.92000	6.60.93000
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300
Cod.	6.60.9T200	6.60.9T300

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Art. 609

Art. 609T


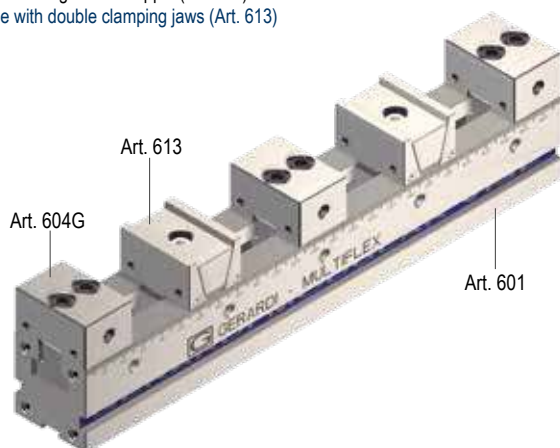
Art.	Pag.	Art.	Pag.
601	6.30	605G3	6.35
604C	6.35	605H	6.35
604T	6.32	605M	6.35
605B	6.35	608	6.32
605BT	6.36	609A	6.36
605C		609	6.16
605D		609B	6.36
605E	6.35	609AT	6.36
605F		609BT	6.36
605G1		609T	6.16
605G2			

* Quota J1 valida solo per Art. 609
J1 dimension valids only for Art. 609

* Quota J2 valida solo per Art. 609T
J2 dimension valids only for Art. 609T

Tipo (grandezza) morsa / Vise type (size)
Art. 611

Morsa con ganasce doppie (Art. 613)
 Vise with double clamping jaws (Art. 613)

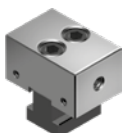


Per particolari in appoggio oppure sollevati con parallele
 For workpieces on vise base or rised up with parallels

kN	1				
	20 kN				
A	4 x 21mm	4 x 46	4 x 71	4 x 94	4 x 121
B			25		
C $^{+0}_{-0,02}$			50		
D	300	400	500	600	700
G $^{+0}_{-0,02}$			50		
J			38		
J1			44 / 50		
I			10		
L			15		
Z			100		
W			49		
Ø P			9		
Q	100	100	300	300	400
Ø F7			10		
kg	6,6	8,1	9,5	11	12,5
Cod.	6.61.11300	6.61.11400	6.61.11500	6.61.11600	6.61.11700

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 604G*

Ganascia fissa liscia da entrambi i lati
 Fixed smooth jaws both sides



Cod. 6.60.4G100

* Arresto laterale a richiesta Workstop on request

Art. 610B *

Piastra ganascia lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

Art. 610C *

Piastra ganascia liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

Art. 610D *

Piastra ganascia zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

Art. 610E *

Piastra ganascia parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

Art. 610F *

Piastra ganascia prismatica / Prismatic jaw plate

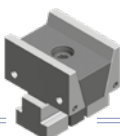


Cod. Art. 610F 6.61.0F100

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Art. 613

Ganascia mobile doppia di spinta
 Double clamping movable jaws



Cod. 6.61.31000

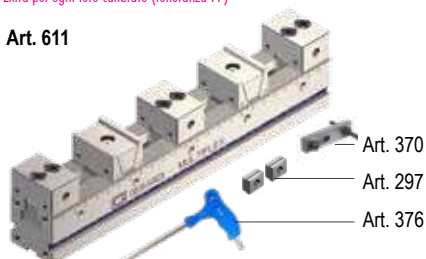
Art. 611

Dotazione standard:

- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

Extra per ogni foro calibrato (tolleranza F7)

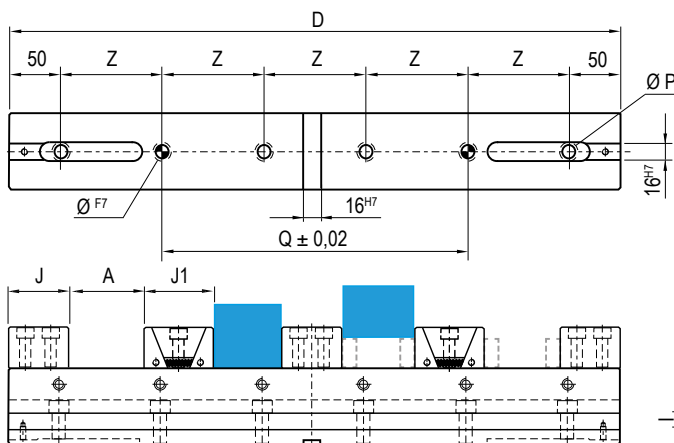
Art. 611



Standard equipment:

- 4 workstops Art. 370
- 1 pair of positioning key-nuts for 16 mm slot Art. 297
- 1 T-wrench Art. 376

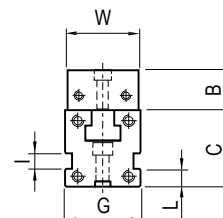
Extra charge for each calibrated hole (F7 tolerance)


Art. 81

Vite calibrata
 Shoulder screw

Tipo - Type 1	Ø10h7 x 20
Tipo - Type2	Ø16h7 x 35
Tipo - Type 3	Ø16h7 x 45

Ø = Sede viti calibrate
 Hole for shoulder screw
 Vedi pag. 6.38 - Vedi page 6.38



	2 30 kN						3 40 kN			
A	4 x 34	4 x 59	4 x 84	4 x 109	4 x 134	4x159	4 x 77	4 x 102	4 x 127	4 x 152
B				40					60	
C ^{-0 -0,02}				75					100	
D	400	500	600	700	800	900	700	800	900	1000
G ^{-0 -0,02}				75					100	
J				50					70	
J1				52 / 58					84 / 90	
I				11					12	
L				20					20	
Z				100					100	
W				74					99	
P				13					17	
Q	300	200	300	400	500	400	400	500	400	500
Ø F7				16					16	
kg	20,79	24,29	27,79	31,29	34,8	38,3	63	68,5	74	79,5
Cod.	6.61.12400	6.61.12500	6.61.12600	6.61.12700	6.61.12800	6.61.12900	6.61.13700	6.61.13800	6.61.13900	6.61.13100

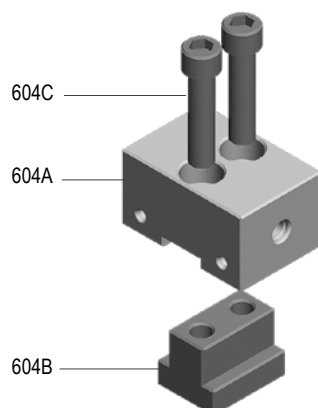
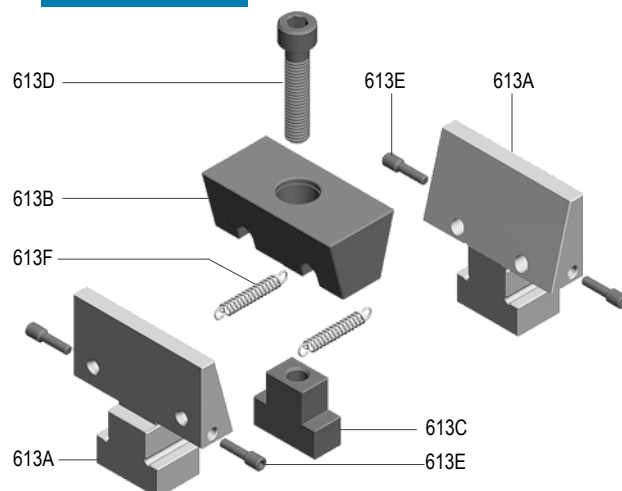
UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Cod.	6.60.4G200	6.60.4G300
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Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Cod.	6.61.32000	6.61.33000
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Art. 604G
**GANASCIA FISSA
FIXED JAW**

Art. 613
**GANASCIA DOPPIA
DOUBLE JAW**


Art.	Pag.
601	6.30
604A	6.35
604B	6.35
604C	6.35
604G	6.32
613	6.34
613A	6.37
613B	6.37
613C	6.37
613D	6.37
613E	6.37
613F	6.37

GANASCE TIPO 1 ⇒ BASE TIPO 2

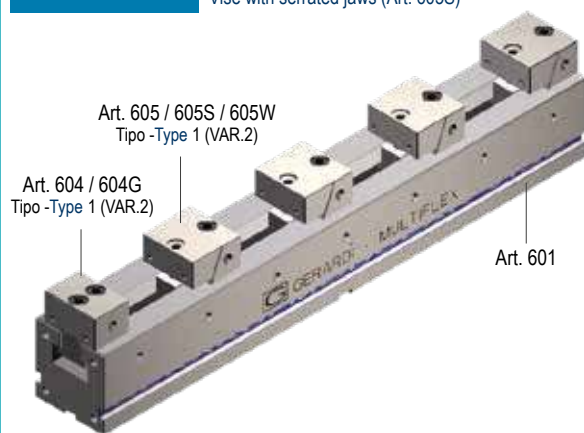
JAWS TYPE 1 ⇒ BASE TYPE 2

Art. 632

Morsa con ganasce lisce (Art. 605)
Vise with smooth jaws (Art. 605)

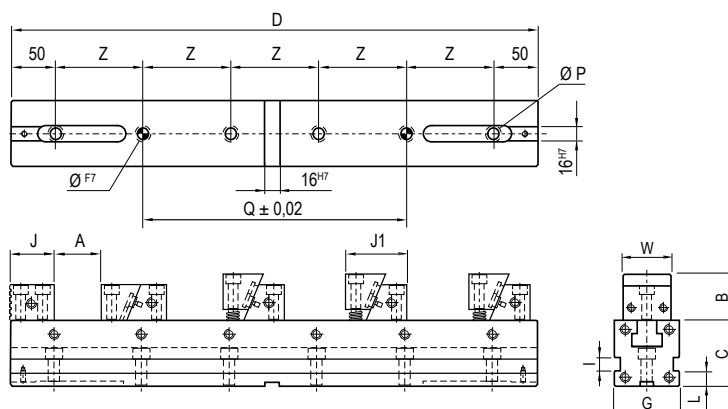
Art. 632S

Morsa con ganasce zigrinate (Art. 605S)
Vise with serrated jaws (Art. 605S)



Art. 632W

Morsa con ganascia mobile liscia e fissa zigrinata (Art. 605W)
Vise with smooth movable jaws and fixed serrated jaws (Art. 605W)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

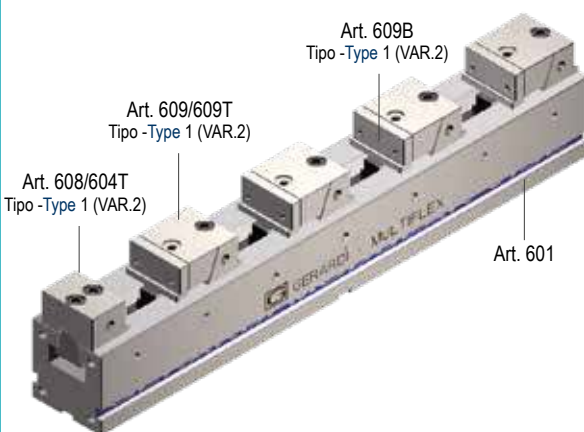
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

Extra per ogni foro calibrato (tolleranza F7)

- Extra charge for each calibrated hole (F7 tolerance)

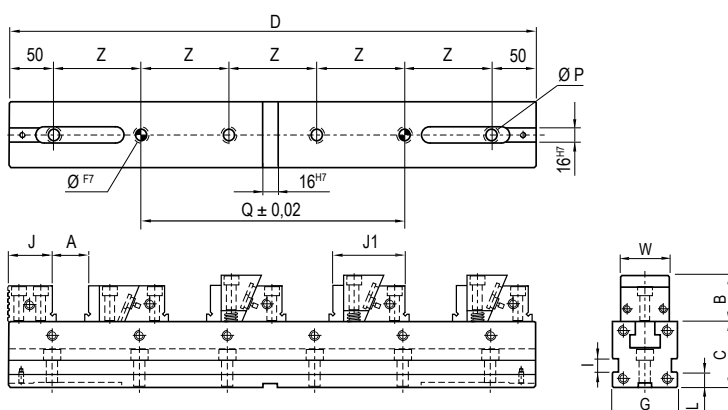
Art. 652

Morsa con ganasce a gradino (Art. 609)
Vise with step jaws (Art. 609)



Art. 652T

Morsa con ganasce GRIP (Art. 609T)
Vise with GRIP jaws (Art. 609T)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

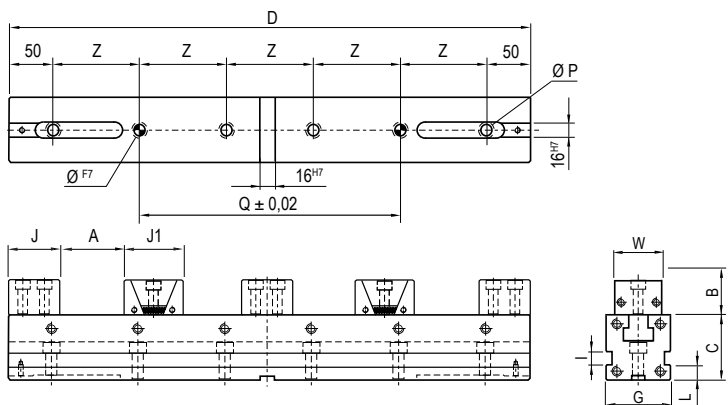
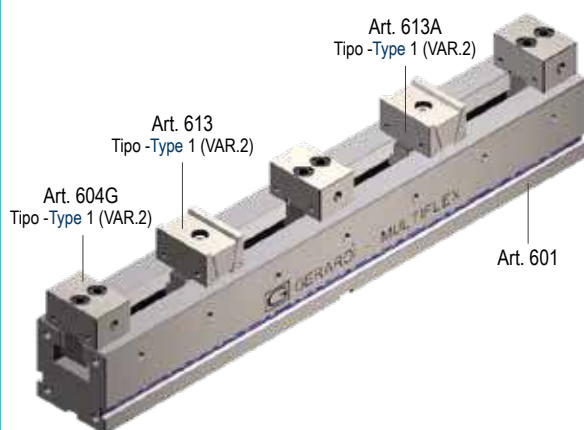
Per particolari sollevati per forature passanti
Rised workpieces for drill through holes

Extra per ogni foro calibrato (tolleranza F7)

- Extra charge for each calibrated hole (F7 tolerance)

Art. 692

Morsa con ganasce doppie (Art. 613)
Vise with double jaws (Art. 613)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

Per particolari in appoggio oppure sollevati con parallele
For workpieces on vise base or rised up with parallels

Extra per ogni foro calibrato (tolleranza F7)

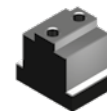
- Extra charge for each calibrated hole (F7 tolerance)

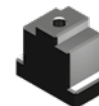
	1 20 kN					
A	4 x 32,5	4 x 57,5	4 x 82,5	4 x 107,5	4 x 132,5	4 x 157,5
B	32 / 25					
C ⁻⁰ _{-0,02}	75					
D	400	500	600	700	800	900
G ⁻⁰ _{-0,02}	75					
J	38					
J1	55 / 58					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø F ⁷	16					
kg	16,7	20,2	23,7	27,2	30,7	34,2
Cod. Art. 632	6.63.21400	6.63.21500	6.63.21600	6.63.21700	6.63.21800	6.63.21900
Cod. Art. 632S	6.63.2S140	6.63.2S150	6.63.2S160	6.63.2S170	6.63.2S180	6.63.2S190
Cod. Art. 632W	6.63.2W140	6.63.2W150	6.63.2W160	6.63.2W170	6.63.2W180	6.63.2W190

Kit trasformazione ganasce

Jaws transformations kit

Art. 604B T.1 (VAR.2)

 Dado a "T" per
ganascia fissa
"T" nut for
fixed jaw

Art. 605C T.1 (VAR.2)

 Dado a "T" per
cuneo di
posizionamento
"T" nut for
positioning wedge

Art. 605D T.1 (VAR.2)

 Dado a "T" per
cuneo di spinta
"T" nut for
clamping wedge


Vedi pag 6.38 - See pag 6.38

A	4 x 24,5	4 x 49,5	4 x 74,5	4 x 99,5	4 x 124,5	4 x 149,5
B	32 / 25					
C	75					
D	400	500	600	700	800	900
G ⁻⁰ _{-0,02}	75					
J	38					
J1 ⁻⁰ _{-0,02}	65 / 68					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø F ⁷	16					
kg	16,8	20,3	23,8	27,3	30,8	34,3
Cod. Art. 652	6.65.21400	6.65.21500	6.65.21600	6.65.21700	6.65.21800	6.65.21900
Cod. Art. 652T	6.65.2T140	6.65.2T150	6.65.2T160	6.65.2T170	6.65.2T180	6.65.2T190

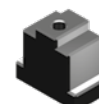
Art. 609B T.1 (VAR.2)

 Ganascia mobile
guidata con gradino
Movable guided
jaw with step

Art. 604B T.1 (VAR.2)

 Dado a "T" per
ganascia fissa
"T" nut for
fixed jaw

Art. 605C T.1 (VAR.2)

 Dado a "T" per
cuneo di
posizionamento
"T" nut for
positioning wedge

Art. 605D T.1 (VAR.2)

 Dado a "T" per
cuneo di spinta
"T" nut for
clamping wedge


Vedi pag 6.36-38 - See pag 6.36-38

A	4 x 48	4 x 73	4 x 98	4 x 123	4 x 148	4 x 173
B	25					
C	75					
D	400	500	600	700	800	900
G ⁻⁰ _{-0,02}	75					
J	38					
J1 ⁻⁰ _{-0,02}	44 / 50					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø F ⁷	16					
kg	16,1	19,6	23,1	26,6	30,1	33,7
Cod.	6.69.21400	6.69.21500	6.69.21600	6.69.21700	6.69.21800	6.69.21900

Art. 613A T.1 (VAR.2)

 Ganascia mobile
Movable jaw

Art. 604B T.1 (VAR.2)

 Dado a "T" per
ganascia fissa
"T" nut for
fixed jaw


Vedi pag 6.37-38 - See pag 6.37-38

GANASCE TIPO 1 o 2 ⇒ BASE TIPO 3

JAWS TYPE 1 or 2 ⇒ BASE TYPE 3

Art. 633

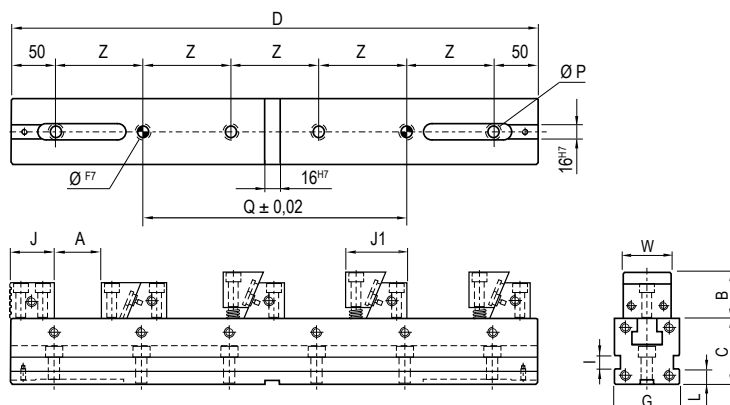
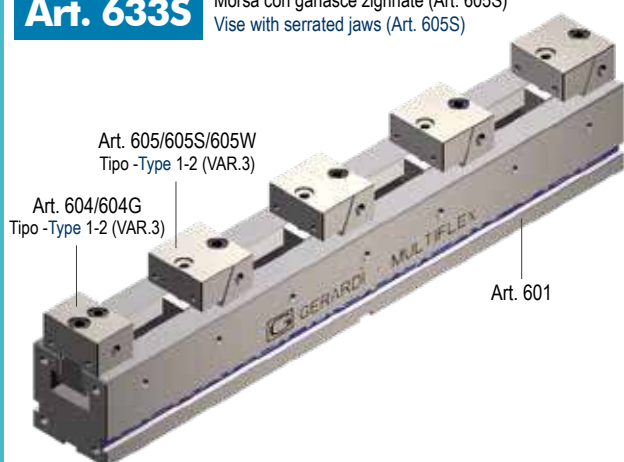
Morsa con ganasce lisce (Art. 605)
Vise with smooth jaws (Art. 605)

Art. 633S

Morsa con ganasce zigrinate (Art. 605S)
Vise with serrated jaws (Art. 605S)

Art. 633W

Morsa con ganasce mobile liscia e fissa zigrinata (Art. 605W)
Vise with smooth movable jaws and fixed serrated jaws (Art. 605W)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

Extra per ogni foro calibrato (tolleranza F7)

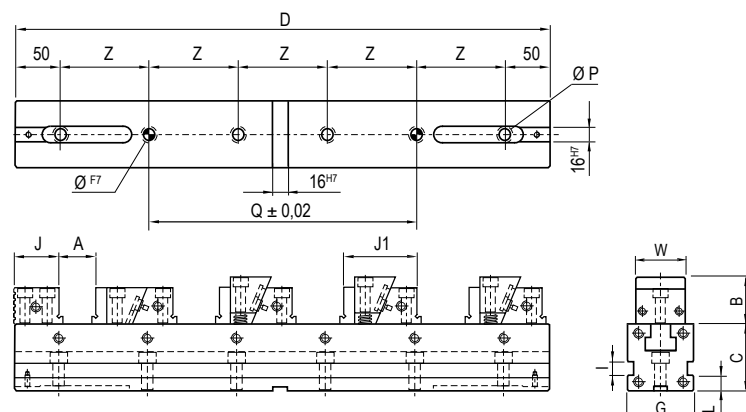
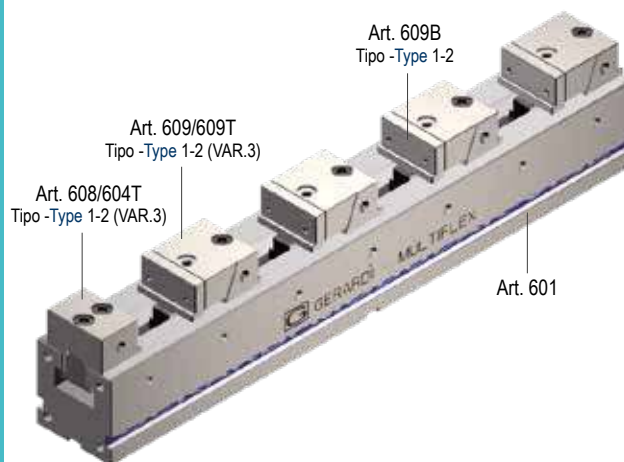
- Extra charge for each calibrated hole (F7 tolerance)

Art. 653

Morsa con ganasce a gradino (Art. 609)
Vise with step jaws (Art. 609)

Art. 653T

Morsa con ganasce GRIP (Art. 609T)
Vise with GRIP jaws (Art. 609T)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

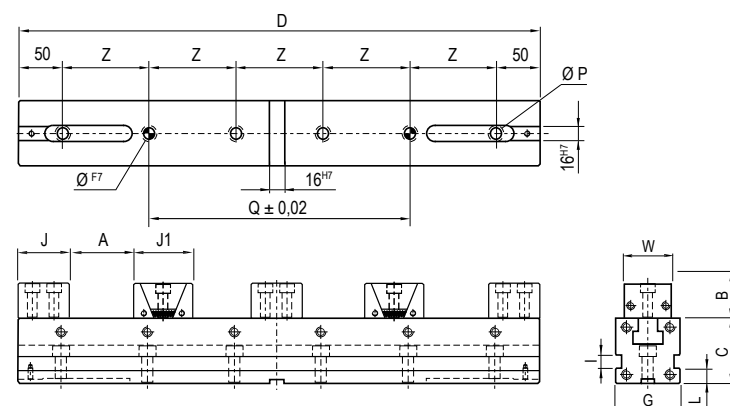
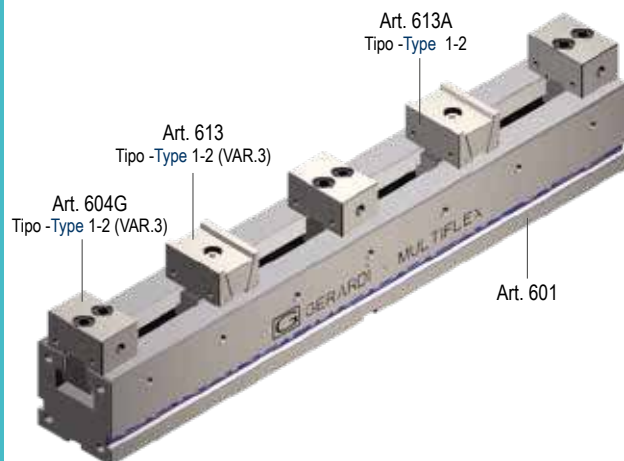
Per particolari sollevati per forature passanti
Rised workpieces for drill through holes

Extra per ogni foro calibrato (tolleranza F7)

- Extra charge for each calibrated hole (F7 tolerance)

Art. 693

Morsa con ganasce doppie (Art. 613)
Vise with double jaws (Art. 613)



Specificare quota W in fase d'ordine
To be specify the W quote in case of order

Per particolari in appoggio oppure sollevati con parallele
For workpieces on vise base or rised up with parallels

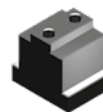
Extra per ogni foro calibrato (tolleranza F7)

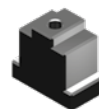
- Extra charge for each calibrated hole (F7 tolerance)

	1 20 kN				2 30 kN			
A	4 x 109,5	4 x 134,5	4 x 159,5	4 x 184,5	4 x 90,5	4 x 115,5	4 x 140,5	4 x 165,5
B	32 / 25				40			
C ^{-0 -0,02}	100				100			
D	700	800	900	1000	700	800	900	1000
G ^{-0 -0,02}	100				100			
J	38				50			
J1	55 / 58				70 / 25			
I	12				12			
L	20				20			
Z	100				100			
W	49				74			
P	17				17			
Q	400	500	400	500	400	500	400	500
Ø F7	16				16			
kg	45,3	50,8	57,8	63,5	50,5	56	63	68,7
Cod. Art. 633	6.63.31700	6.63.31800	6.63.31900	6.63.31100	6.63.32700	6.63.32800	6.63.32900	6.63.32100
Cod. Art. 633S	6.63.3S170	6.63.3S180	6.63.3S190	6.63.3S110	6.63.3S270	6.63.3S280	6.63.3S290	6.63.3S210
Cod. Art. 633W	6.63.3W170	6.63.3W180	6.63.3W190	6.63.3W110	6.63.3W270	6.63.3W280	6.63.3W290	6.63.3W210

Kit trasformazione ganasce
 Jaws transformations kit

Art. 604B T.1 (VAR.2)

 Dado a "T" per
 ganascia fissa
 "T" nut for
 fixed jaw

Art. 605C T.1 (VAR.2)

 Dado a "T" per
 cuneo di
 posizionamento
 "T" nut for
 positioning wedge

Art. 605D T.1 (VAR.2)

 Dado a "T" per
 cuneo di spinta
 "T" nut for
 clamping wedge

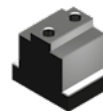

Vedi pag 6.38 - See pag 6.38

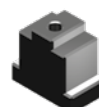
A	4 x 99,5	4 x 124,5	4 x 149,5	4 x 174,5	4 x 77,5	4 x 102,5	4 x 127,5	4 x 152,5
B	32 / 25				40			
C	100				100			
D	700	800	900	1000	700	800	900	1000
G ^{-0 -0,02}	100				100			
J	38				50			
J1 ^{-0 -0,02}	65 / 68				83 / 88			
I	12				12			
L	20				20			
Z	100				100			
W	49				74			
P	17				17			
Q	400	500	400	500	400	500	400	500
Ø F7	16				16			
kg	45,4	50,9	57,9	63,6	51,1	56,6	63,6	69,3
Cod. Art. 653	6.65.31700	6.65.31800	6.65.31900	6.65.31100	6.65.32700	6.65.32800	6.65.32900	6.65.32100
Cod. Art. 653T	6.65.3T170	6.65.3T180	6.65.3T190	6.65.3T110	6.65.3T270	6.65.3T280	6.65.3T290	6.65.3T210

Art. 609B T.1 (VAR.2)

 Ganascia mobile
 guidata con gradino
 Movable guided
 jaw with step

Art. 604B T.1 (VAR.2)

 Dado a "T" per
 ganascia fissa
 "T" nut for
 fixed jaw

Art. 605C T.1 (VAR.2)

 Dado a "T" per
 cuneo di
 posizionamento
 "T" nut for
 positioning wedge

Art. 605D T.1 (VAR.2)

 Dado a "T" per
 cuneo di spinta
 "T" nut for
 clamping wedge


Vedi pag 6.36-38 - See pag 6.36-38

A	4 x 123	4 x 148	4 x 173	4 x 198	4 x 110	4 x 135	4 x 160	4 x 185
B	25				40			
C	100				100			
D	700	800	900	1000	700	800	900	1000
G ^{-0 -0,02}	100				100			
J	38				50			
J1 ^{-0 -0,02}	44 / 50				52 / 58			
I	12				12			
L	20				20			
Z	100				100			
W	49				74			
P	17				17			
Q	400	500	400	500	400	500	400	500
Ø F7	16				16			
kg	44,7	50,2	57,9	62,9	49,4	54,9	61,9	66,6
Cod.	6.69.31700	6.69.31800	6.69.31900	6.69.31100	6.69.32700	6.69.32800	6.69.32900	6.69.32100

Art. 613A T.1 (VAR.2)

 Ganascia mobile
 Movable jaw

Art. 604B T.1 (VAR.2)

 Dado a "T" per
 ganascia fissa
 "T" nut for
 fixed jaw


Vedi pag 6.37-38 - See pag 6.37-38

Tipo (grandezza) morsa / Vise type (size)
Art. 602

Cubo-morsa con ganasce lisce (Art. 605)
Vise-tower with smooth jaws (Art. 605)

Art. 602S

Cubo-morsa con ganasce zigrinate (Art. 605S)
Vise-tower with serrated jaws (Art. 605S)

Art. 602W

Cubo-morsa con ganasce mobili lisce e
fisse zigrinate (Art. 605W)
Vise cube with smooth movable jaw and
fixed serrated jaws (Art. 605W)

Ogni cubo-morsa è completo di 4 ganasce fisse, 16 ganasce fisse mobili,
1 chiave a T, 1 coppia tasselli di posizionamento per cava da 16mm e 16
arresti laterali

Each vise-tower is supplied with 4 fixed jaws and
16 fixed-movable jaws, 1 T wrench, 1 pair of
positioning key-nuts for 16 mm slot Art. 297 and 16 workstops

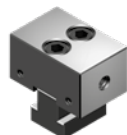
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base


kN
1
20 kN

	A	4 x 8mm	4 x 33	4 x 58	4 x 83	4 x 108
B				25		
B1				32 / 25		
C ^{-0 -0,02}				100		
D	300	400	500	600	700	
G ^{-0 -0,02}				50		
J				38		
J1				55 / 58		
H				66		
Ø I ^{H7}				25		
L				20		
M				14		
kg	26,2	31,2	36,2	41,2	46,3	
Cod. Art.602	6.60.21300	6.60.21400	6.60.21500	6.60.21600	6.60.21700	
Cod. Art.602S	6.60.2S130	6.60.2S140	6.60.2S150	6.60.2S160	6.60.2S170	
Cod. Art.602W	6.60.2W130	6.60.2W140	6.60.2W150	6.60.2W160	6.60.2W170	

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 604*

Ganascia fissa (1 lato liscia, 1 lato zigrinato)
Fixed jaw (1 side smooth, 1 side serrated)


Cod.
6.60.41000

* Arresto laterale a richiesta Workstop on request

Art. 605*

Ganascia mobile
e fissa liscia
Fixed and movable
smooth jaws


Art. 605S*

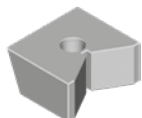
Ganascia mobile
e fissa zigrinata
Fixed and movable
serrated jaws


Cod. Art.605
6.60.51000
Cod. Art.605S
6.60.5S100

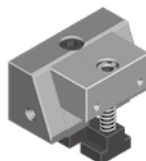
* Arresto laterale a richiesta Workstop on request

Art. 605L

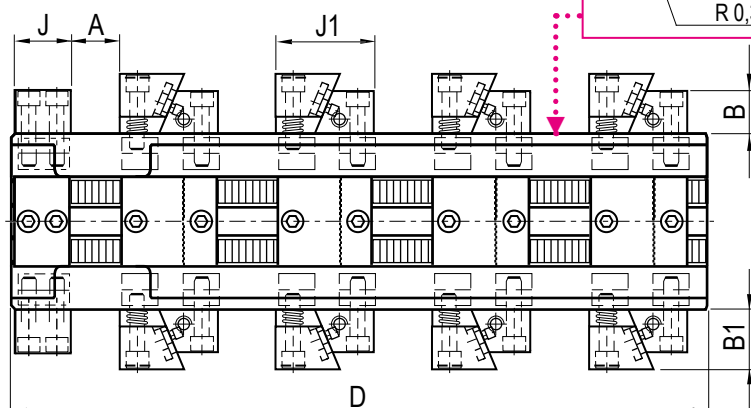
Cuneo di spinta a "V"
"V" clamping wedge


Cod.
6.60.5L100
Art. 615*

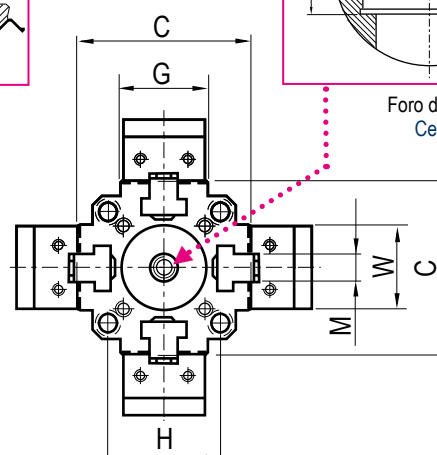
Ganascia con cuneo di posizionamento maggiorato
Jaw with bigger positioning wedge
(increased with respect to standard dimensions)


Cod.
6.61.51000

* Arresto laterale a richiesta Workstop on request

Art. 602
Art. 602S
Art. 602W


2 mm = Passo delle righe
Rows pitch



Foro di centraggio
Centering hole

2 30 kN									3 40 kN			
A	4 x 12mm	4 x 37	4 x 62	4 x 62	4 x 87	4 x 87	4 x 87	4 x 112	4 x 59	4 x 84	4 x 109	4 x 134
B		40		40	40		40				60	
B1		40		40	40		40				60	
C ^{-0 -0,02}		150		230	150	210	240				240	
D	400	500	600	600	700	700	700	800	700	800	900	1000
G ^{-0 -0,02}		75		75	75		75				100	
J		50		50	50		50				70	
J1		70 / 75		70 / 75	70 / 75		70 / 75				94,5 / 98,5	
H		100		-	100	100	-	-			150 / 200	
Ø I ^{H7}		50		50	50		50				50	
L		20		20	20		20				20	
M		22		22	22		22				30	
kg	79	90,2	101,4	144	112,6	149,2	175	195	254	278	301	325
Cod. Art.	6.60.22400	6.60.22500	6.60.22600	6.60.22601	6.60.22700	6.60.22701	6.60.22702	6.60.22800	6.60.23700	6.60.23800	6.60.23900	6.60.23100
Cod. Art.	6.60.2S240	6.60.2S250	6.60.2S260	6.60.2S261	6.60.2S270	6.60.2S271	6.60.2S272	6.60.2S280	6.60.2S370	6.60.2S380	6.60.2S390	6.60.2S310
Cod. Art.	6.60.2W240	6.60.2W250	6.60.2W260	6.60.2W261	6.60.2W270	6.60.2W271	6.60.2W272	6.60.2W280	6.60.2W370	6.60.2W380	6.60.2W390	6.60.2W310

I prezzi su fondo magenta sono **comprensivi di base integrale** / Prices on the magenta background **include the solid head plate** with the vise-tower

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

6.60.42000

6.60.43000

6.60.52000

6.60.53000

6.60.5S200

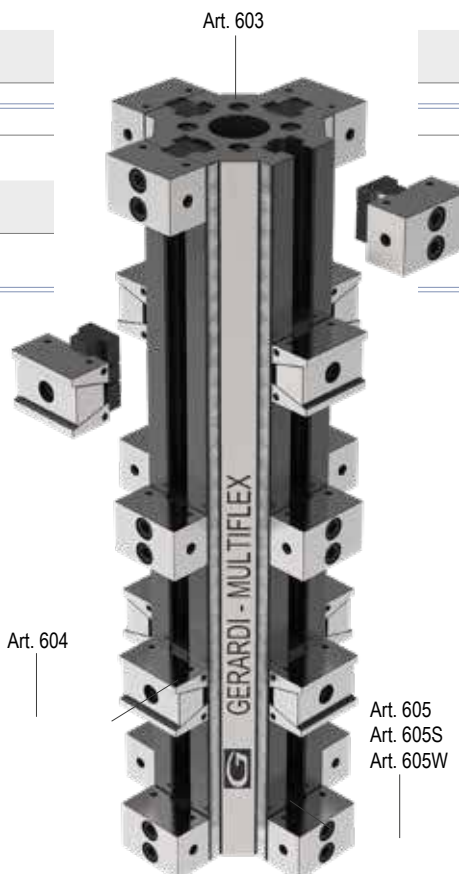
6.60.5S300

6.60.5L200

6.60.5L300

6.61.52000

6.61.53000



Art. 605

GANASCIA LISCIA JAW PLATE

Per il serraggio di particolari finiti
To clamp finished workpieces

Art. 605W

Ganascia mobile liscia e fissa zigrinata
Smooth movable jaw and fixed serrated jaw

Art. 605S

GANASCIA ZIGRINATA SERRATED JAW

Per il serraggio di particolari grezzi
To clamp rough workpieces

Art.	Pag.
603	6.31
604	6.32
605	6.33
605S	6.33

Tipo (grandezza) morsa / Vise type (size)
Art. 607

Cubo-morsa con ganasce a gradino (Art. 609)
 Vise-tower with step jaws (Art. 609)

Art. 607T

Cubo-morsa con ganasce **GRIP** (Art. 609T)
 Vise-tower with **GRIP** jaws (Art. 609T)

Ogni cubo-morsa è completo di 4 ganasce fisse, 16 ganasce fisse mobili,
 1 chiave a T, 1 coppia tasselli di posizionamento per cava da 16mm e
 16 arresti laterali

Each vise-tower is supplied with 4 fixed jaws and 16 fixed-movable jaws 1
 T wrench, 1 pair of positioning key-nuts for 16 mm slot Art. 297 and 16
 workstops

* Solo tipo 1x300 e 2x400 n. 12 ganasce fisse-mobili in dotazione
 Only type 1x300 and 2x400 n. 12 fixed-movable jaws included

Art. 828A extra


kN
1
20 kN

	A	3 x 19mm *	4 x 23	4 x 48	4 x 73	4 x 97
B				25		
B1				32 / 25		
C ⁻⁰ _{-0,02}				100		
D	300	400	500	600	700	
G ⁻⁰ _{-0,02}				50		
J				38		
J1				65 / 68		
J2				59 / 62		
H				66		
Ø I ^{H7}				25		
L				20		
M				14		
W				49		
kg	29,6	34,6	39,6	44,6	49,7	
Cod. Art. 607	6.60.71300	6.60.71400	6.60.71500	6.60.71600	6.60.71700	
Cod. Art. 607T	6.60.7T130	6.60.7T140	6.60.7T150	6.60.7T160	6.60.7T170	

Per particolari sollevati per forature passanti
 Rised workpieces for drill through holes

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 609*

Ganascia fissa e mobile con gradino
 Fixed and moving jaw with step



Cod. 6.60.91000

* Arresto laterale a richiesta Workstop on request

Art. 610B *

Piastra ganascia lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

Art. 610C *

Piastra ganascia liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

Art. 610D *

Piastra ganascia zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

Art. 610E *

Piastra ganascia parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

Art. 610F *

Piastra ganascia prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Art. 609T*

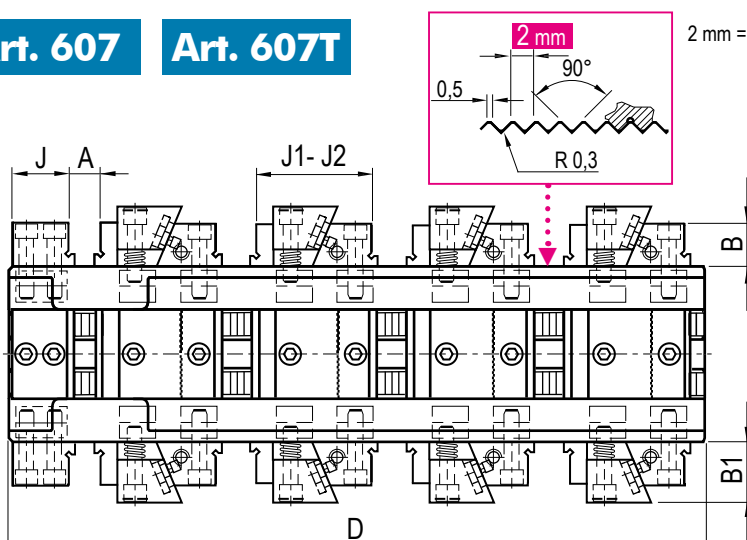
Ganascia fissa e mobile con piastra ganascia
GRIP a forte serraggio

Fixed and moving jaw with **GRIP** jaw-plates for strongest clamping

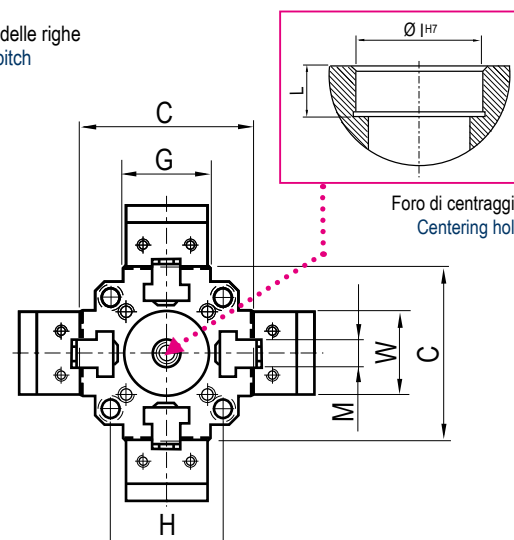


Cod. 6.60.9T100

* Arresto laterale a richiesta Workstop on request

Art. 607
Art. 607T


2 mm = Passo delle righe
 Rows pitch



2 30 kN									3 40 kN			
A	3 x 28mm*	4 x 24	4 x 49	4 x 49	4 x 74	4 x 74	4 x 74	4 x 99	4 x 39	4 x 64	4 x 89	4 x 114
B		40		40	40		40			60		
B1		40		40	40		40			60		
C ^{-0 -0,02}		150		230	150	210	240			240		
D	400	500	600	600	700	700	700	800	700	800	900	1000
G ^{-0 -0,02}		75		75	75		75			100		
J		50		50	50		50			70		
J1		83 / 88		83 / 88	83 / 88		83 / 88			109 / 113		
J2		77 / 82		77 / 82	77 / 82		77 / 82			103 / 107		
H		100		-	100	-	-	-		150 / 200		
Ø I ^{H7}		50		50	50		50			50		
L		20		20	20		20			20		
M		22		22	22		22			30		
W		74		74	74		74			99		
kg	85,6	96,8	108	150	119,2	155,8	183	203	268	292	315	339
Cod. Art.	6.60.72400	6.60.72500	6.60.72600	6.60.72601	6.60.72700	6.60.72701	6.60.72702	6.60.72800	6.60.73700	6.60.73800	6.60.73900	6.60.73100
Cod. Art.	6.60.7T240	6.60.7T250	6.60.7T260	6.60.7T261	6.60.7T270	6.60.7T271	6.60.7T272	6.60.7T280	6.60.7T370	6.60.7T380	6.60.7T390	6.60.7T310

I prezzi su fondo magenta sono **comprensivi di base integrale** / Prices on the magenta background include the solid head plate with the vise-tower

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Cod.	6.60.92000	6.60.93000
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

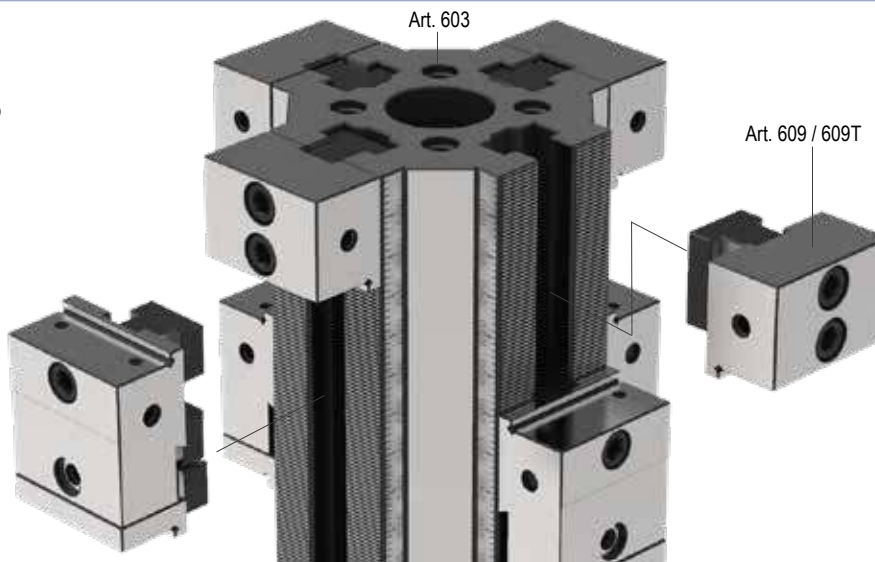
Cod.	6.60.9T200	6.60.9T300
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Art. 609

Ganascia fissa e mobile con gradino
Fixed and moving jaw with step

Art. 609T

Ganascia fissa e mobile con piastra
ganascia **GRIP a forte serraggio**
Fixed and moving jaw with **GRIP**
jaw-plates for strongest clamping



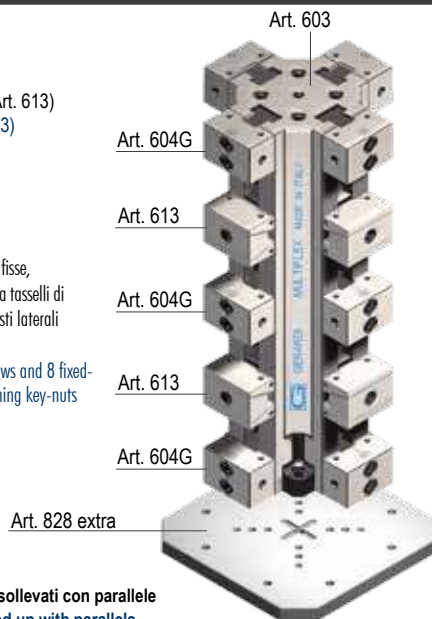
Art.	Pag.
603	6.31
608	6.32
609	6.33

Tipo (grandezza) morsa / Vise type (size)
Art. 612

Cubo-morsa con ganasce doppie (Art. 613)
Vise-tower with double jaws (Art. 613)

Ogni cubo-morsa è completo di 12 ganasce fisse,
8 ganasce fisse mobili, 1 chiave a T, 1 coppia tasselli di
posizionamento per cava da 16mm e 16 arresti laterali

Each vise-tower is supplied with 12 fixed jaws and 8 fixed-
movable jaws 1 T wrench, 1 pair of positioning key-nuts
for 16 mm slot Art. 297 and 16 workstops

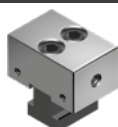


kN	1				
	20 kN				
A	4 x 21mm	4 x 46	4 x 71	4 x 94	4 x 121
B			25		
C ⁻⁰ / _{-0,02}			100		
D	300	400	500	600	700
G ⁻⁰ / _{-0,02}			50		
J			38		
J1			44 / 50		
H			66		
Ø I ^{H7}			50		
L			20		
M			14		
W			49		
kg	24,2	29,3	34,4	39,5	44,5
Cod.	6.61.21300	6.61.21400	6.61.21500	6.61.21600	6.61.21700

Per particolari in appoggio oppure sollevati con parallele
For workpieces on vise base or rised up with parallels

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 604G*

Ganascia fissa liscia da entrambi i lati
Fixed smooth jaws both sides

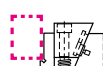


Cod. 6.60.4G100

* Arresto laterale a richiesta Workstop on request

Art. 610B *

Piastra ganascia lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

Art. 610C *

Piastra ganascia liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

Art. 610D *

Piastra ganascia zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

Art. 610E *

Piastra ganascia parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

Art. 610F *

Piastra ganascia prismatica / Prismatic jaw plate

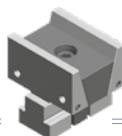


Cod. Art. 610F 6.61.0F100

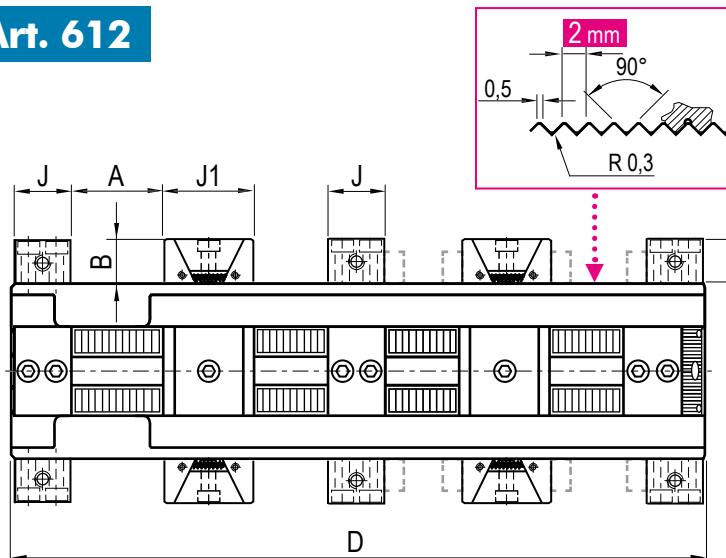
* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Art. 613

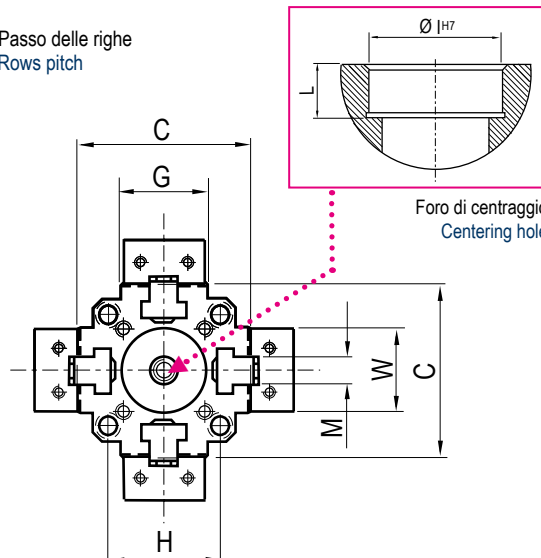
Ganascia mobile doppia di spinta
Double clamping movable jaws



Cod. 6.61.31000

Art. 612


2 mm = Passo delle righe
Rows pitch



2 30 kN									3 40 kN			
A	4 x 34mm	4 x 59	4 x 84	4 x 84	4 x 109	4 x 109	4 x 109	4 x 134	4 x 77	4 x 102	4 x 127	4 x 152
B		40		40	40		40			60		
C ^{-0 -0,02}		150		230	150	210	240			240		
D	400	500	600	600	700	700	700	800	700	800	900	1000
G ^{-0 -0,02}		75		75	75		75			100		
J		50		50	50		50			70		
J1		52 / 58		52 / 58	52 / 58		52 / 58			84 / 90		
H		100		-	100	-	-	-		150 / 200		
Ø I ^{H7}		50		50	50		50			50		
L		20		20	20		20			20		
M		22		22	22		22			30		
W		74		74	74		74			99		
kg	72,4	83,6	94,8	137	106	142,6	170	190	244	268	291	315
Cod.	6.61.22400	6.61.22500	6.61.22600	6.61.22601	6.61.22700	6.61.22701	6.61.22702	6.61.22800	6.61.23700	6.61.23800	6.61.23900	6.61.23100

I prezzi su fondo magenta sono **comprensivi di base integrale** / Prices on the magenta background include the solid head plate with the vise-tower

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

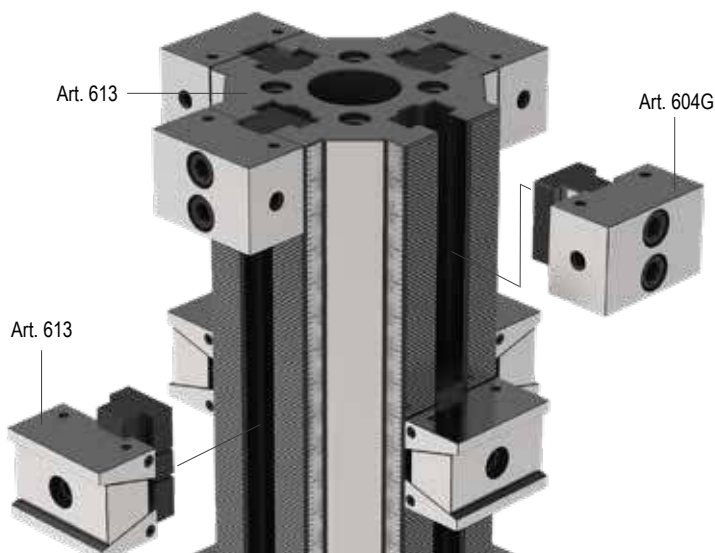
Cod.	6.60.4G200	6.60.4G300
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Cod.	6.61.32000	6.61.33000

Art. 613

Ganascia mobile doppia di spinta
Double clamping movable jaws



Art.	Pag.
603	6.31
604G	6.32
613	6.34

Tipo (grandezza) / Type (size)
Art. 601

Corpo base morsa
Vise base body

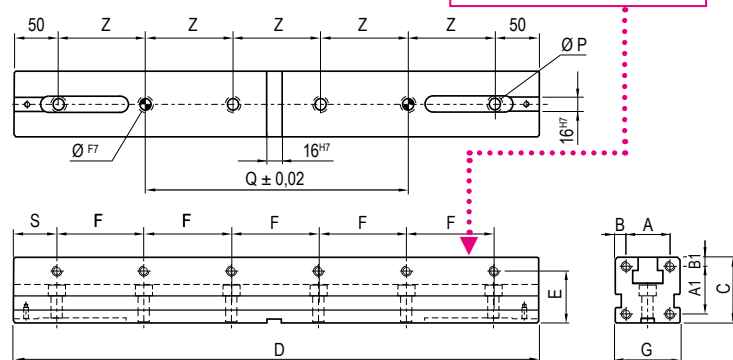
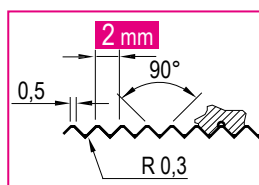


	1					2						3			
A	34					50						70			
A1	34					54						70			
B	8					12,5						15			
B1	8					10,5						15			
C ^{-0 -0,02}	50					75						100			
D	300	400	500	600	700	400	500	600	700	800	900	700	800	900	1000
E	37,5					55						75			
F	100					100						100			
G ^{-0 -0,02}	50					75						100			
Ø P	9					13						17			
Q	100	100	200	300	400	300	200	300	400	500	400	400	500	400	500
S	50					50						50			
Ø F ⁷	10					16						16			
Z	100					100						100			
kg	4,4	5,9	7,3	8,8	10,2	13,9	17,4	20,9	24,4	27,9	31,4	42,5	48	55	60,7
Cod.	6.60.11300	6.60.11400	6.60.11500	6.60.11600	6.60.11700	6.60.12400	6.60.12500	6.60.12600	6.60.12700	6.60.12800	6.60.12900	6.60.13700	6.60.13800	6.60.13900	6.60.13100

Art. 601

Corpo base morsa
Vise base body

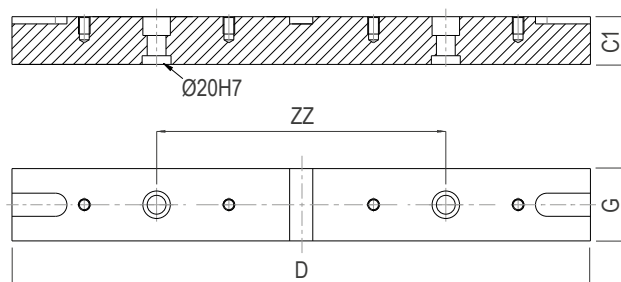
2 mm = Passo delle righe
Rows pitch



Ø = Sede viti calibrate / Hole for shoulder screw

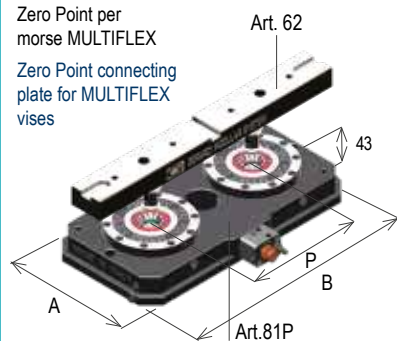
Art. 62
MULTIFLEX

Piastra di interfaccia Zero Point per morse senza alcuna dotazione.
Zero Point vise base connecting plate supplied without any accessory.


Tipo (grandezza) / Type (size)
Art. 62
MULTIFLEX

Piastra di interfaccia
Zero Point per
morse MULTIFLEX

Zero Point connecting
plate for MULTIFLEX
vises



Tiranti e viti INCLUSI

Pull Studs and screws INCLUDED

Art.81P

Piastra Zero Point in acciaio
con montaggio incassato
Zero Point steel plate built-in mounting

NEW 2021

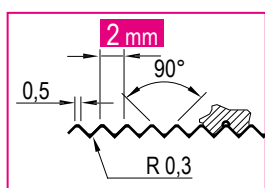
1						2						3			
D	300	400	500	600	700	400	500	600	700	800	900	700	800	900	1000
G	50					75					100				
C1	28					33					33				
N	3	4	5	6	7	4	5	6	7	8	9	7	8	9	100
ZZ ^{+0,02} _{-0,02}	200	200	250	200x2		200	250	200x2		300x2		200x2	300x2		400x2
kg	3,1	4,2	5,3	6,4	7,4	7,5	9,5	11,4	13,2	15,2	17,2	17,8	20,4	23	25,5
Cod.	6.62.13000	6.62.14000	6.62.15000	6.62.16000	6.62.17000	6.62.24000	6.62.25000	6.62.26000	6.62.27000	6.62.28000	6.62.29000	6.62.37000	6.62.38000	6.62.39000	6.62.31000
A	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
B	400	500	600	400	500	600	800	600	800	1000	1000	1000	1000	1000	1000
Art.665 Tipo / Type2															
P	200	250	200X2		200	250	200X2		300X2		200x2	300X2		400x2	
kg	29	35	42		29	35	42		59		42	59		71,5	
Cod.	9.81.P2040S2	9.81.P2050S2	9.81.P2060S3		9.81.P2040S2	9.81.P2050S2	9.81.P2080S3		9.81.P22080S3		9.81.P2060S3	9.81.P2080S3		9.81.P20100S3	

Tipo (grandezza) / Type (size)		1					2					3						
Art. 603 Corpo base cubo Cube base body	C ^{-0 -0,02}	100					150			230	150	210	240		240			
	D	300	400	500	600	700	400	500	600	600	700	700	700	800	700	800	900	1000
	G ^{-0 -0,02}	50					75			75	75	75		100				
	Ø I ^{H7}	25					50			50	50	50		50				
	L ^{-0 -0,02}	20					20			20	20	20		20				
	kg	15,4	20,5	25,6	30,7	35,8	44,8	56	67,2	110	78,4	115	143	163	164	188	211	235
	Cod.	6.60.31300	6.60.31400	6.60.31500	6.60.31600	6.60.31700	6.60.32400	6.60.32500	6.60.32600	6.60.32601	6.60.32700	6.60.32701	6.60.32702	6.60.32800	6.60.33700	6.60.33800	6.60.33900	6.60.33100

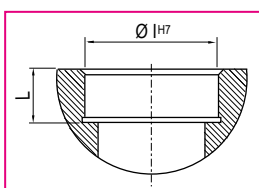
I prezzi su fondo magenta sono **comprensivi di base integrale**
 Prices on the magenta background **include the solid head plate** with the vise-tower

Art. 603

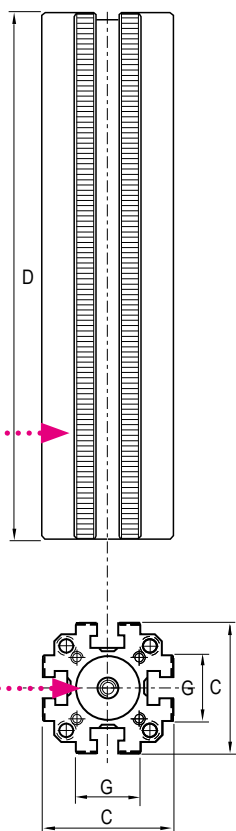
Corpo cubo semplice
Simple cube body



2 mm =
Passo delle righe
Rows pitch

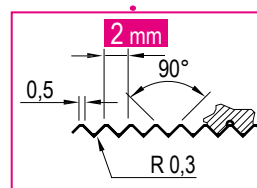
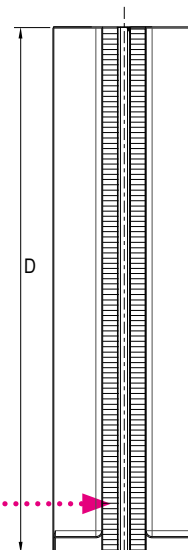


Foro di centraggio
Centering hole

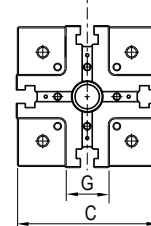


Art. 603

Corpo cubo con base integrale
Cube body with integral base



2 mm = Passo delle righe
Rows pitch

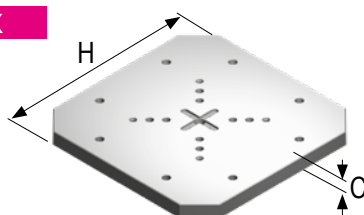


Art. 828A

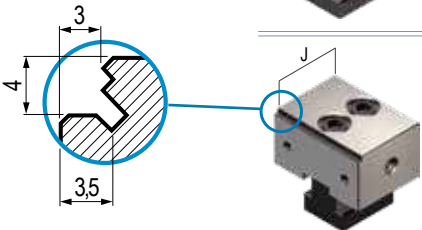
MULTIFLEX

Piastra base per
cubo-morsa
personalizzata
(Bussola di centraggio
Art. 852 compresa)

Head plate for vise-tower
tailor made
(Centering bushing Art. 852 included)



	1	2	3	4	5	6	7
C	33	33	38	38	38	38	38
H	300	350	400	450	500	630	800
kg	22	30	44,5	56,5	71	113	182
Cod.	6.82.8A100	6.82.8A200	6.82.8A300	6.82.8A400	6.82.8A500	6.82.8A600	6.82.8A700

Tipo (grandezza) / Type (size)		1	2	3
Art. 604*				
Ganascia fissa (1 lato liscia, 1 lato zigrinata) per morsa Art. 600 e 602 Fixed jaw (1 side smooth, 1 side serrated) for vise Art. 600 and 602			kg 0,4 Cod. 6.60.41000	1,35 6.60.42000 3,84 6.60.43000
		* Arresto laterale a richiesta Workstop on request		
Art. 604G*				
Ganascia fissa liscia da entrambi i lati, per morsa Art. 611 e cubi Art. 612 Fixed smooth jaw both sides, for vise Art. 611 and cubes Art. 612			kg 0,5 Cod. 6.60.4G100	1,40 6.60.4G200 3,90 6.60.4G300
		* Arresto laterale a richiesta Workstop on request		
Art. 604T*				
Ganascia fissa GRIP per morsa Art. 606T Fixed GRIP jaw for vise Art. 606T			J 38 Cod. 6.60.4T100	50 6.60.4T200 70 6.60.4T300
		* Arresto laterale a richiesta Workstop on request		
Art. 608*				
Ganascia fissa con gradino per morsa Art. 606 Fixed step jaw for vise Art. 606			J 38 kg 0.45 Cod. 6.60.81000	50 6.60.82000 70 6.60.83000
		* Arresto laterale a richiesta Workstop on request		
Art. 614T*				
Ganascia fissa con doppio gradino Fixed jaw with double step			Cod. 6.61.4T100	6.61.4T200 6.61.4T300
		* Arresto laterale a richiesta Workstop on request		

Art. 604

Technical drawing of Art. 604 showing front and side views. The front view (left) shows a rectangular component with dimensions J (width), B (height), S (thickness), and L (length). The side view (right) shows a T-shaped component with dimensions W (width), R (width of the top flange), D (width of the stem), E (length of the stem), F (height of the stem), G (height of the flange), M (height of the stem), and T (height of the flange).

Art. 608

Art. 614T

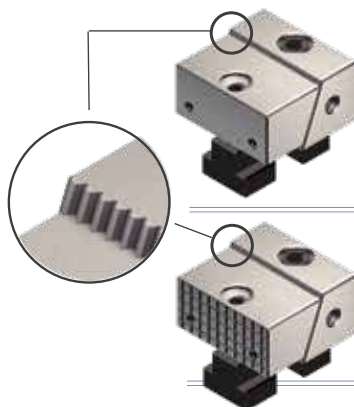
Technical drawing of Art. 608 and Art. 614T showing front and side views. The front view (left) shows a rectangular component with dimensions J2 (width), J1 (width), B (height), S (thickness), and L (length). The side view (right) shows a T-shaped component with dimensions W (width), R (width of the top flange), D (width of the stem), E (length of the stem), F (height of the stem), G (height of the flange), M (height of the stem), T (height of the flange), and Q (height of the stem).

Art.	1	2	3
W	49	74	99
B	25	40	60
D	14	22	30
E	22	35	48
F	8	14	21
G	21	33	46
J	38	50	70
J1	43	55	75
J2	48	60	80
L	30	45	60
M	M10	M10	M10
Q	5	8	10
R	30	50	50
S	7	10	10
T	M5	M6	M6

Tipo (grandezza) / Type (size)
Art. 605*

Ganascia fissa e mobile **liscia** per morsa **Art. 600**
 Fixed and movable **smooth** jaw for vise **Art. 600**

Ganascia discendente guidata / **Sistema a pettine** (Particolare)
 Guided pull down jaw / **Comb system** (Detail)



kg	0.6	1.8	4.7
Cod.	6.60.51000	6.60.52000	6.60.53000

* Arresto laterale a richiesta Workstop on request

Art. 605S*

Ganascia fissa e mobile **zigrinata** per morsa **Art. 600**
 Fixed and movable **serrated** jaw **Art. 600**

kg	0.6	1.8	4.7
Cod.	6.60.5S100	6.60.5S200	6.60.5S300

* Arresto laterale a richiesta Workstop on request

Art. 605W*

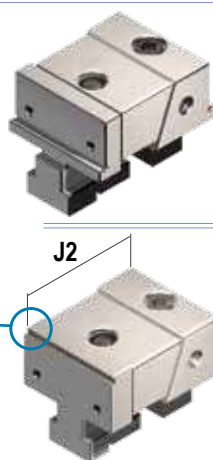
Ganascia fissa **zigrinata** e mobile **liscia** per morsa **Art. 600**
Serrated fixed jaw and movable **smooth** for vise **Art. 600**

Cod.	6.60.5W100	6.60.5W200	6.60.5W300

* Arresto laterale a richiesta Workstop on request

Art. 609*

Ganascia fissa e mobile con **gradino** per morsa **Art. 606**
 Fixed and moving jaw with **step** for vise **Art. 606**

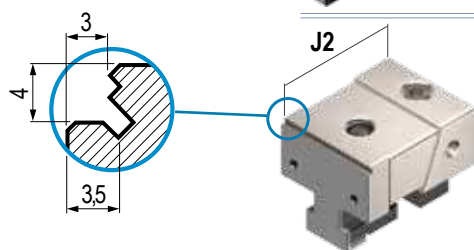


kg	0.8	2.2	5.5
Cod.	6.60.91000	6.60.92000	6.60.93000

* Arresto laterale a richiesta Workstop on request

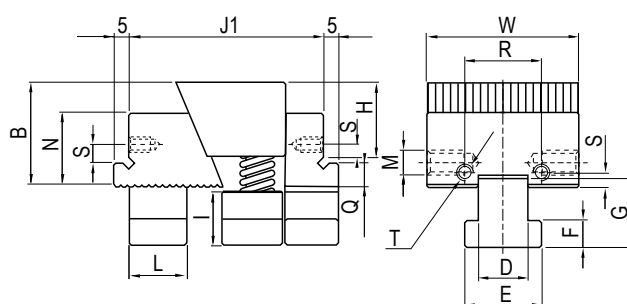
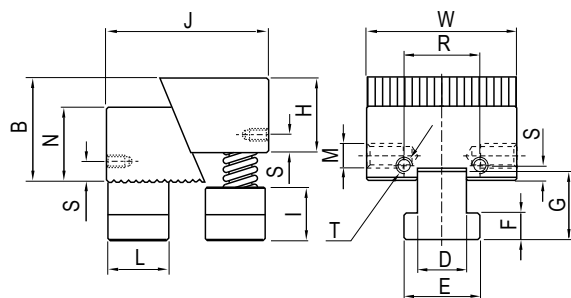
Art. 609T*

Ganascia fissa e mobile **GRIP** per morsa **Art. 606T**
 Fixed and moving **GRIP** jaw for vise **Art. 606T**



Cod.	6.60.9T100	6.60.9T200	6.60.9T300

* Arresto laterale a richiesta Workstop on request

Art. 605
Art. 605S
Art. 605W
Art. 609
Art. 609T


Art.	1	2	3
W	49	74	99
B	35 / 25	40	60
D	14	22	30
E	22	35	48
F	8	14	21
G	25	33	46
H	25	34	50
I	18	26	42
J	54 / 58	70 / 75	94,5 / 98,5
J1	63,5 / 67,5	85 / 88	114,5 / 119
J2	70 / 74	87 / 90	120,5 / 115,5
L	22	26	35
M	M10	M10	M10
N	25	40	60
Q	5	8	10
R	30	50	50
S	7	10	10
T	M5	M6	M6

Tipo (grandezza) / Type (size)	1	2	3
Art. 613	kg 0.5	1.4	4.3
Cod.	6.61.31000	6.61.32000	6.61.33000

Ganascia mobile di spinta doppia per morsa **Art. 611**
 Double clamping movable jaws for vise **Art. 611**



Art. 615*

Ganascia di posizionamento liscia maggiorata
 e cuneo mobile liscio
 Bigger positioning smooth jaw with movable smooth wedge
 (Increased with respect to standard dimensions)

NEW

Art. 615S

Ganascia di posizionamento zigrinata maggiorata
 e cuneo mobile zigrinato
 Bigger positioning serrated jaw with movable serrated wedge
 (Increased with respect to standard dimensions)



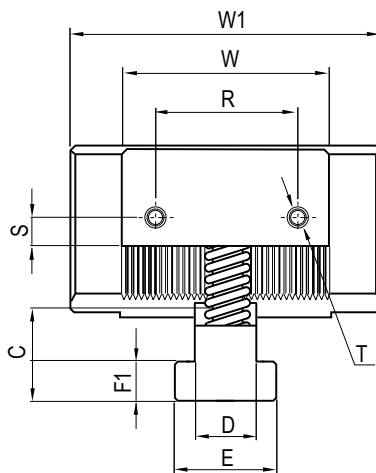
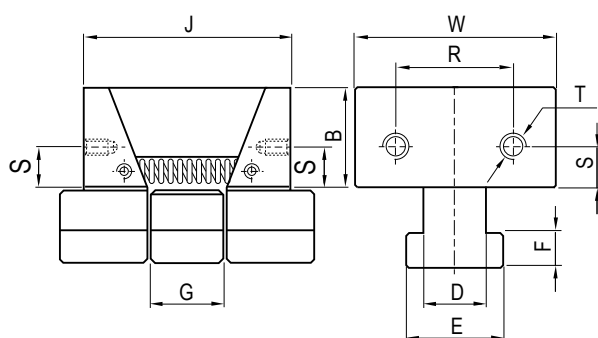
Cod.Art.615	6.61.51000	6.61.52000	6.61.53000
Cod.Art.615S	6.61.5S100	6.61.5S200	6.61.5S300
Cod.Art.615W	6.61.5W100	6.61.5W200	6.61.5W300

* Arresto laterale a richiesta Workstop on request

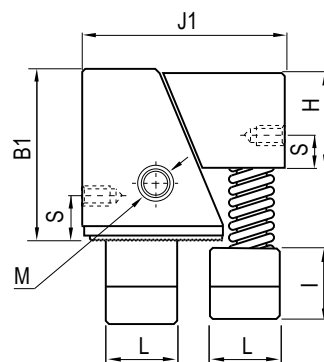
Art. 615W*

Ganascia di posizionamento zigrinata maggiorata
 e cuneo mobile liscio
 Bigger positioning serrated jaw with movable smooth wedge
 (Increased with respect to standard dimensions)

Art. 613

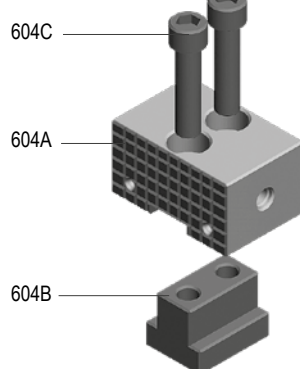


Art. 615



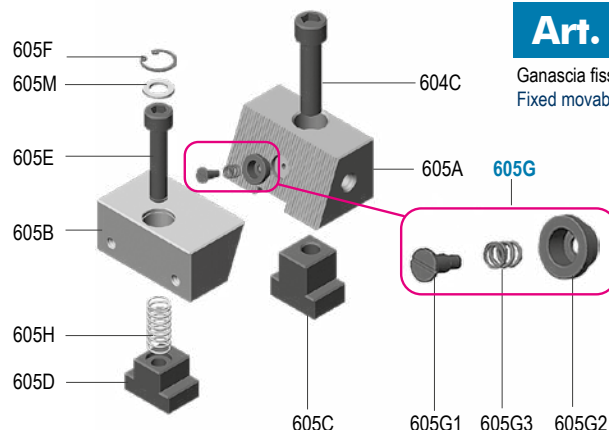
Art.	1	2	3
W	49	74	99
W1	64	110	150
B	25	40	60
B1	45	60	75
C	21	33	46
D	14	22	30
E	22	35	48
F	9	15	21
F1	8	14	21
G	13	15	25
H	25	34	50
I	18	26	40
J	44 / 50	52 / 58	84 / 90
J1	54 / 58	73 / 79	94.5 / 98.5
L	22	25	35
M	M10	M10	M10
N	45	60	75
R	30	50	50
S	7	10	10
T	M5	M6	M6

Tipo (grandezza) / Type (size)		1	2	3
Art. 604 Ganascia fissa (1 lato liscia, 1 lato zigrinata) / Fixed jaw (1 side smooth, 1 side serrated)		Cod. 6.60.41000	6.60.42000	6.60.43000
Art. 604A Ganascia fissa (un lato liscio e uno zigrinato) Fixed jaw (1 side smooth, 1 side serrated)		Cod. 6.60.4A100	6.60.4A200	6.60.4A300
Art. 604B Dado a "T" per ganascia fissa / "T" nut for fixed jaw		Cod. 6.60.4B100	6.60.4B200	6.60.4B300
Art. 604C Vite TCEI fissaggio ganascia fissa / Hex socket head screw for fixed jaw		Cod. 6.60.4C100	6.60.4C200	6.60.4C300
Art. 605A Cuneo di posizionamento / Positioning wedge		Cod. 6.60.5A100	6.60.5A200	6.60.5A300
Art. 605AS Cuneo di posizionamento zigrinato / Serrated positioning wedge		Cod. 6.60.5AS10	6.60.5AS20	6.60.5AS30
Art. 605B Cuneo di spinta / Clamping wedge		Cod. 6.60.5B100	6.60.5B200	6.60.5B300
Art. 605BS Cuneo di spinta zigrinato / Serrated clamping wedge		Cod. 6.60.5BS10	6.60.5BS20	6.60.5BS30
Art. 605C Dado a "T" per cuneo di posizionamento / "T" nut for positioning wedge		Cod. 6.60.5C100	6.60.5C200	6.60.5C300
Art. 605D Dado a "T" per cuneo di spinta / "T" nut for clamping wedge		Cod. 6.60.5D100	6.60.5D200	6.60.5D300
Art. 605E Vite TCEI / TCEI screw		Cod. 6.60.5E100	6.60.5E200	6.60.5E300
Art. 605F Anello elastico / Seeger		Cod. 6.60.5F100	6.60.5F200	6.60.5F300
Art. 605G1 Vite a gradino / Step screw		Cod. 6.60.5G101		6.60.5G103
Art. 605G2 Perno a molla / Spring pin		Cod. 6.60.5G201	6.60.5G202	6.60.5G203
Art. 605G3 Molla / Spring		Cod. 6.60.5G301		6.60.5G303
Art. 605H Molla / Spring		Cod. 6.60.5H100	6.60.5H200	6.60.5H300
Art. 605I Cuneo a spinta dolce / Soft clamping wedge		Cod. 6.60.5I100	6.60.5I200	6.60.5I300
Art. 605L Cuneo di spinta a "V" / "V" clamping wedge		Cod. 6.60.5L100	6.60.5L200	6.60.5L300
Art. 605M Rondella / Washer		Cod. 6.60.5M100	6.60.5M200	6.60.5M300



Art. 604

Ganascia fissa
(1 lato liscia, 1 lato zigrinata)
per morsa Art. 600 e 602
Fixed jaw
(1 side smooth, 1 side serrated)
for vise Art. 600 and 602

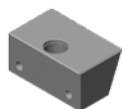


Art. 605

Ganascia fissa mobile
Fixed movable jaw

Tipo (grandezza) / Type (size)
1 2 3
Art. 605B

Cuneo di spinta
Clamping wedge


Art. 605BT

Cuneo di spinta per piastra GRIP
Clamping wedge for GRIP plate

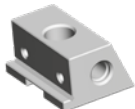


Cod. Art. 605B 6.60.5B100 6.60.5B200 6.60.5B300

Cod. Art. 605BT 6.60.5BT10 6.60.5BT20 6.60.5BT30

Art. 609A

Cuneo di posizionamento con gradino
Positioning wedge with step


Art. 609AT

Cuneo di posizionamento GRIP
Positioning GRIP wedge



Cod. Art. 609A 6.60.9A100 6.60.9A200 6.60.9A300

Cod. Art. 609AT 6.60.9AT10 6.60.9AT20 6.60.9AT30

Art. 609B

Ganascia mobile guidata con gradino
Movable guided jaw with step


Art. 609BT

Ganascia mobile guidata GRIP
Movable guided GRIP jaw

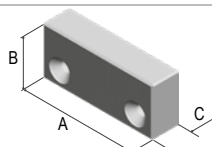


Cod. Art. 609B 6.60.9B100 6.60.9B200 6.60.9B300

Cod. Art. 609BT 6.60.9BT10 6.60.9BT20 6.60.9BT30

Art. 610B

Piastra ganascia dolce
Soft jaw plate



A 48 73 98

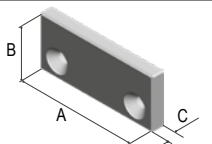
B 20 32 50

C 12 18 30

Cod. 6.61.0B100 6.61.0B200 6.61.0B300

Art. 610C

Piastra ganascia liscia
Smooth jaw plate



A 48 73 98

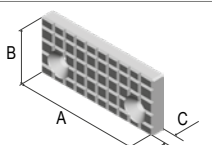
B 20 32 50

C 6 10 10

Cod. 6.61.0C100 6.61.0C200 6.61.0C300

Art. 610D

Piastra ganascia zigrinata
Serrated jaw plate



A 48 73 98

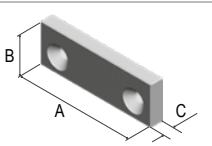
B 20 32 50

C 6 10 10

Cod. 6.61.0D100 6.61.0D200 6.61.0D300

Art. 610E

Piastra ganascia parallela
Parallel jaw plate



A 48 73 98

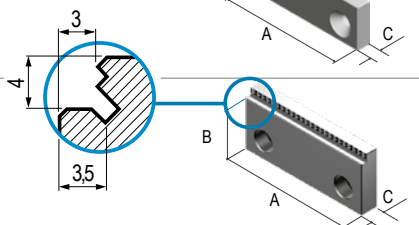
B 15 27 45

C 6 10 10

Cod. 6.61.0E100 6.61.0E200 6.61.0E300

Art. 610T

Piastra ganascia GRIP a forte serraggio
GRIP jaw plate for strongest clamping



A 48 73 98

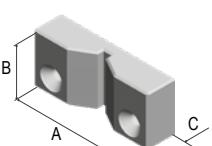
B 20 32 50

C 8 10 10

Cod. 6.61.0T100 6.61.0T200 6.61.0T300

Art. 610F

Piastra ganascia prismatica
Prismatic jaw plate



Ø 5 ÷ 35 9 ÷ 50 20 ÷ 80

A 48 73 98

B 20 32 50

C 12 18 30

Cod. 6.61.0F100 6.61.0F200 6.61.0F300

Art. 610Z

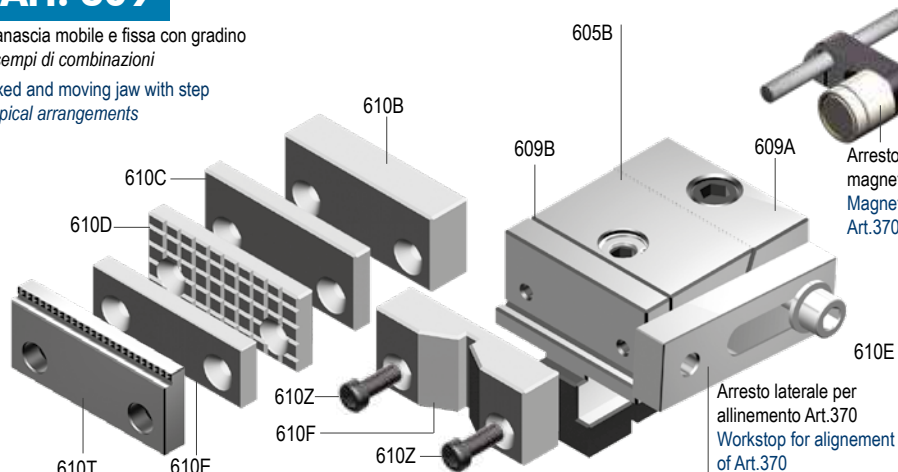
Vite per piastre ganasce
Screw for jaw plates



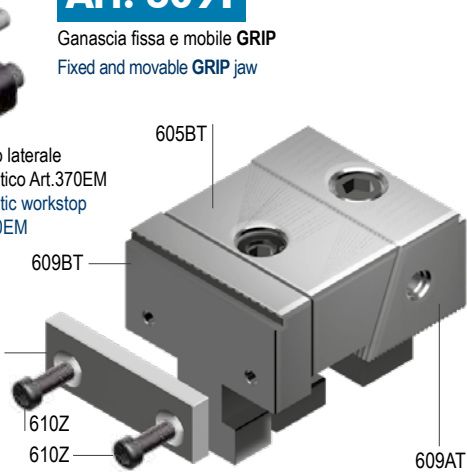
Cod. 6.61.0Z100 6.61.0Z200 6.61.0Z300

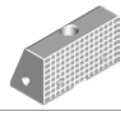
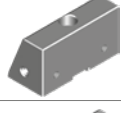
Art. 609

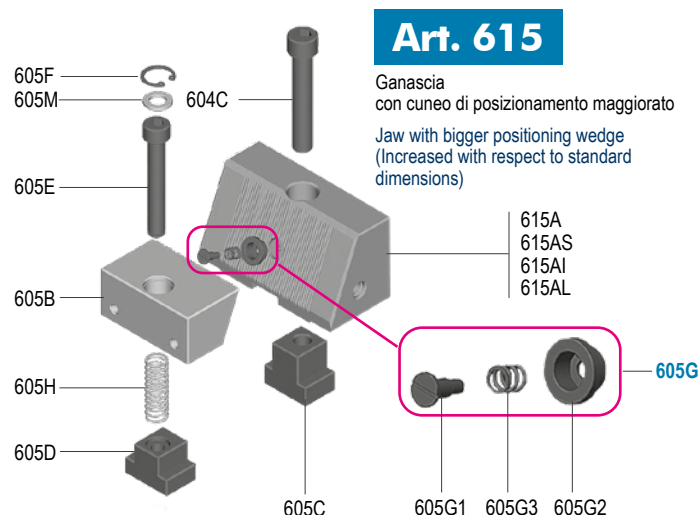
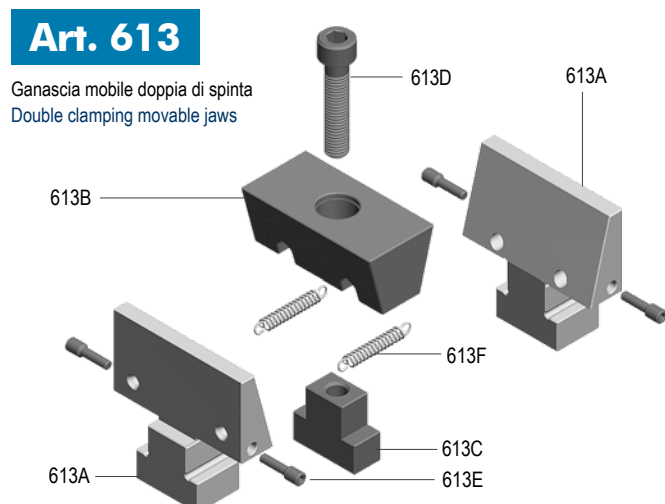
Ganascia mobile e fissa con gradino
Esempi di combinazioni
Fixed and moving jaw with step
Typical arrangements


Art. 609T

Ganascia fissa e mobile GRIP
Fixed and movable GRIP jaw



Tipo (grandezza) / Type (size)		1	2	3
Art. 608A Ganascia fissa con gradino Fixed jaw with step		Cod. 6.60.8A100	6.60.8A200	6.60.8A300
Art. 613A Ganascia mobile Movable jaw		Cod. 6.61.3A100	6.61.3A200	6.61.3A300
Art. 613B Cuneo di spinta Clamping wedge		Cod. 6.61.3B100	6.61.3B200	6.61.3B300
Art. 613C Dado a "T" "T" nut		Cod. 6.61.3C100	6.61.3C200	6.61.3C300
Art. 613D Vite TCEI Hex socket head screw		Cod. 6.61.3D100	6.61.3D200	6.61.3D300
Art. 613E Grano Set screw		Cod. 6.61.3E100	6.61.3E200	6.61.3E300
Art. 613F Molla Spring		Cod. 6.61.3F100	6.61.3F200	6.61.3F300
Art. 615A Cuneo di posizionamento liscio maggiorato Positioning wedge smooth (increased with respect to stand dimension)		Cod. 6.61.5A100	6.61.5A200	6.61.5A300
Art. 615AS Cuneo di posizionamento zigrinato maggiorato Positioning wedge serrated (increased with respect to stand dimension)		Cod. 6.61.5AS10	6.61.5AS20	6.61.5AS30
Art. 615I Cuneo di posizionamento dolce maggiorato Positioning wedge soft (increased with respect to stand dimension)		Cod. 6.61.5I100	6.61.5I200	6.61.5I300
Art. 615L Cuneo di posizionamento a gradino maggiorato Positioning wedge with stop (increased with respect to stand dimension)		Cod. 6.61.5L100	6.61.5L200	6.61.5L300
Art. 615C Vite TCEI fissaggio ganascia fissa Hex socket head screw for fixed jaw		Cod. 6.61.5C100	6.61.5C200	6.61.5C300
Art. 615E Vite TCEI TCEI screw		Cod. 6.61.5E100	6.61.5E200	6.61.5E300

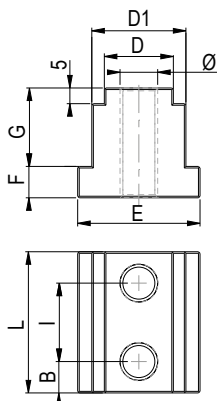
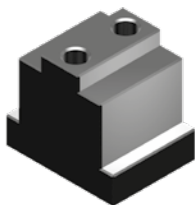


DADI A "T" PER TRASFORMAZIONI

"T" NUTS FOR TRANSFORMATIONS

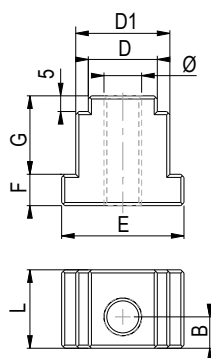
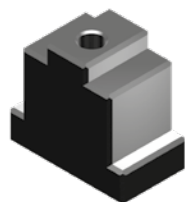
Tipo (grandezza) / Type (size)
Base / Base
Ganascia / Jaw
Tipo - Type 2
Tipo - Type 1
Tipo - Type 3
Tipo - Type 1
Tipo - Type 3
Tipo - Type 2

Art. 604B

Dado a "T" per ganascia fissa
"T" nut for fixed jaw


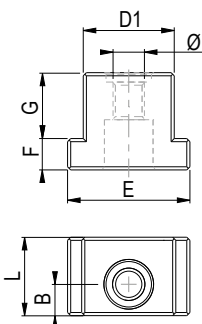
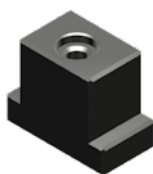
B	6	6	10
D	14	14	22
D1	22	30	30
E	34	39	39
F	14	14	14
G	19	25	25
I	18	18	25
L	30	30	45
Ø	M8	M8	M12
Cod	6.60.4B100/2	6.60.4B100/3	6.60.4B200/3

Art. 605C

Dado a "T" per cuneo di posizionamento
"T" nut for positioning wedge


B	9	9	10
D	14	14	22
D1	22	30	30
E	34	39	39
F	14	14	14
G	19	25	25
I	-	-	-
L	22	22	25
Ø	M8	M8	M12
Cod	6.60.5C100/2	6.60.5C100/3	6.60.5C200/3

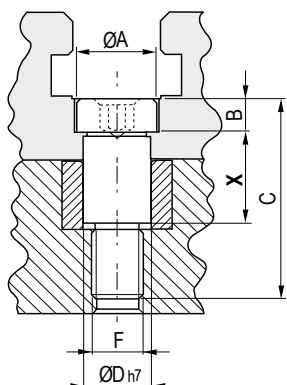
Art. 605D

Dado a "T" per cuneo di spinta
"T" nut for clamping wedge


B	9	9	10
D	-	-	-
D1	21	29	29
E	34	39	39
F	14	14	14
G	15	21	21
I	-	-	-
L	21	21	25
Ø	M8	M8	M10
Cod	6.60.5D100/2	6.60.5D100/3	6.60.5D200/3

Tipo (grandezza) / Type (size)
1
2
3

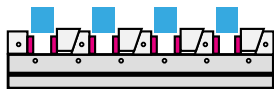
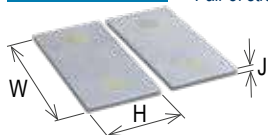
Art. 81

Vite calibrata a colletto
per morse Multiflex
Shoulder calibrated screw
for Multiflex vises

LUNGHEZZA VITI CALIBRATE A COLLETTA PER SOLUZIONI A RETICOLO
SHOULDER CALIBRATED SCREW LENGTHS FOR GRID SOLUTIONS

ØA	13	20	24
B	8	8	12
C	46	65	80
ØD	10	16	16
F	M8	M12	M12
X	25	40	50
Cod	6.81.11025	6.81.21640	6.81.21650

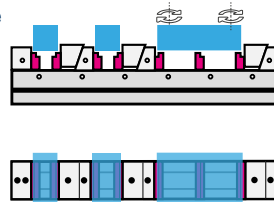
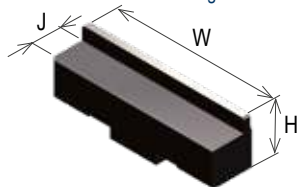
N.B: Per avere altre lunghezze consultare Pag.11.15 - For other lengths see Page.11.15

Tipo (grandezza) / Type (size)
Art. 616

 Coppia di piastre parallele magnetiche piane
 Pair of straight parallels magnetic plates


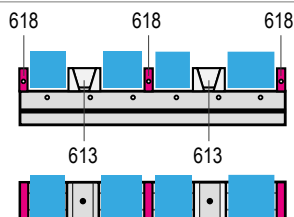
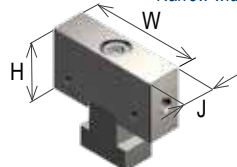
J	2,7	2,7	2,7
W	49	74	99
H	20	35	55
Cod.	6.61.6100C	6.61.6200C	6.61.6300C

Art. 617

 Piastra magnetica a gradino monoblocco
 Magnetic solid step jaw plate


J	12	17	22
W	49	74	99
H	20	35	55
Cod.	6.61.71020	6.61.72035	6.61.73055

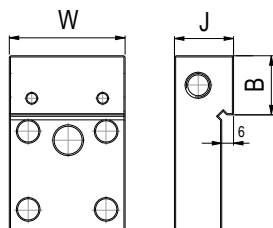
Art. 618

 Ganascia fissa ridotta
 Narrow width fixed jaw


J	18	22	29
W	49	74	99
H	25	40	60
Cod.	6.61.81000	6.61.82000	6.61.83000

Art. 604R

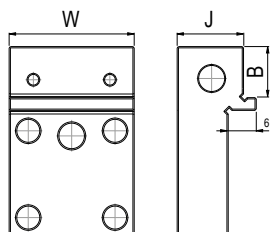
 Ganascia fissa di partenza
 Fixed start jaw

 Solo per art.600 e 611
 Only for art.600 and 611

PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY

W	49	74	99
J	25	30	35
B	25	40	60
Cod	6.60.4R100	6.60.4R200	6.60.4R300

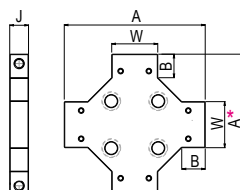
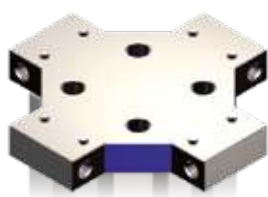
Art. 608R

 Ganascia fissa di partenza con gradino
 Fixed start jaw with step

 Solo per art.606
 Only for art.606

PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY

W	49	74	99
J	26	36	41
B	25	40	60
Cod	6.60.8R100	6.60.8R200	6.60.8R300

Art. 604PC

 Piastra ganascia fissa di partenza per cubo-morsa
 Fixed start jaw plate for vise tower

 *Scegliere la dimensione A in funzione del cubo utilizzato, vedi Art.603 a pag. 6.31
 Referring to the cube you are using, choose dimension "A", see Art.603 page. 6.31

A	150	230	290	310	320	360
W	49	74	99			
J	20	25	30			
B	25	40	60			
Cod	6.60.4PC10	6.60.4PC20	6.60.4PC30			

Art. 79 R

 Perno di allineamento regolabile per Multiflex montata su cubo portapezzi
 Adjustable alignment pin for Multiflex vise mounted on tombstone


Cod. 6.79.R1000

Art. 297 R

 Chiavetta di allineamento per Multiflex montata su cubo portapezzi
 Alignment key-nut for Multiflex vise mounted on tombstone

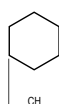

Cod. 6.29.7R100

Art. 370EM

 Arresto laterale magnetico
 Magnetic workshop


Cod. 7.37.02000/EM

Art. 376

 Chiave a T
 T wrench


CH	6	8	10	14	16
Cod.	0.09.23600	0.09.24800	0.09.25100	0.09.27140	0.09.28160

SERRAGGIO A CUNEO DISCENDENTE

JAWS WEDGE CLAMP

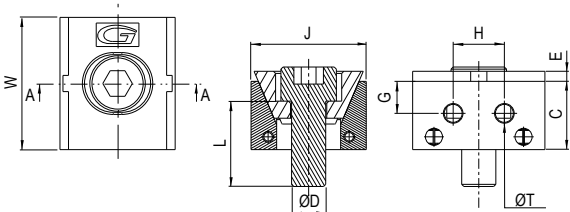
NEW 2021

Tipo (grandezza) / Type (size)		1	2	3
	kN	15	30	60
W		31	42	58
C		16	23	30
ØD		M8	M12	M16
E		2	3,5	4
G		7,5	11,5	15
H		12	18	26
J		27 ÷ 32	42 ÷ 49	57 ÷ 66
L		20	30	35
ØT		M5	M5	M5
Cod.		6.72.3A100	6.72.3A200	6.72.3A300

Art.723A*

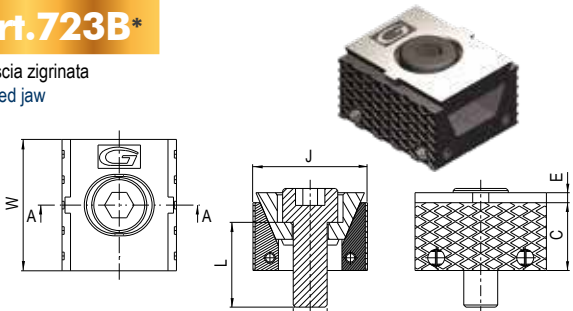
Ganascia liscia
con fori filettati
Smooth jaw with holes





Acciaio Temprato - Hardened Steel

* Arresto laterale a richiesta Workstop on request

Serrata completa Serrated jaw				
Tipo (grandezza) / Type (size)	kN	1 15	2 30	3 60
Art.723B*				
Ganascia zigrinata Serrated jaw				
				
W	31	42	58	
C	16	23	30	
ØD	M8	M12	M16	
E	2	3,5	4	
J	27 ÷ 32	42 ÷ 49	57 ÷ 66	
L	20	30	35	
ØT				
Cod.	6.72.3B100	6.72.3B200	6.72.3B300	

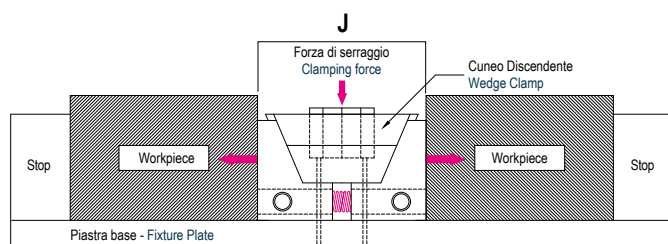
Acciaio Temprato - Hardened Steel

* Arresto laterale a richiesta Workstop on request

Tipo (grandezza) / Type (size)		1	2	3
	kN	15	30	60
Art.723C*	W	31	42	58
	C	16	23	30
Ganascia lavorabile	ØD	Ø56	Ø56	Ø76
Machineable jaw	E	2	3,5	4
	J	33 ÷ 38	52 ÷ 59	67 ÷ 76
	L	20	30	35
	ØT			
	Cod.	6.72.3C100	6.72.3C200	6.72.3C300

NON Temprato - NOT Hardened

* Arresto laterale a richiesta Workstop on request

 Grazie alla vite di serraggio viene premuto il cuneo verso il basso generando una forza di serraggio laterale
 Tightening of clamping screw presses the wedge to generate clamping force sideways


J										
		min.	Valore consigliato Suggested value	max.	min.	Valore consigliato Suggested value	max.	min.	Valore consigliato Suggested value	max.
Art. 723 A/B	27	29÷30	32	42	45÷46	49	57	61÷63	66	
Art. 723 C	33	35÷36	38	52	55÷56	59	67	71÷73	76	

 Il nuovo design migliorato e brevettato con molla inferiore assicura una maggiore forza di serraggio verso il basso.
 Improved patented design with bottom spring ensures downward clamping force

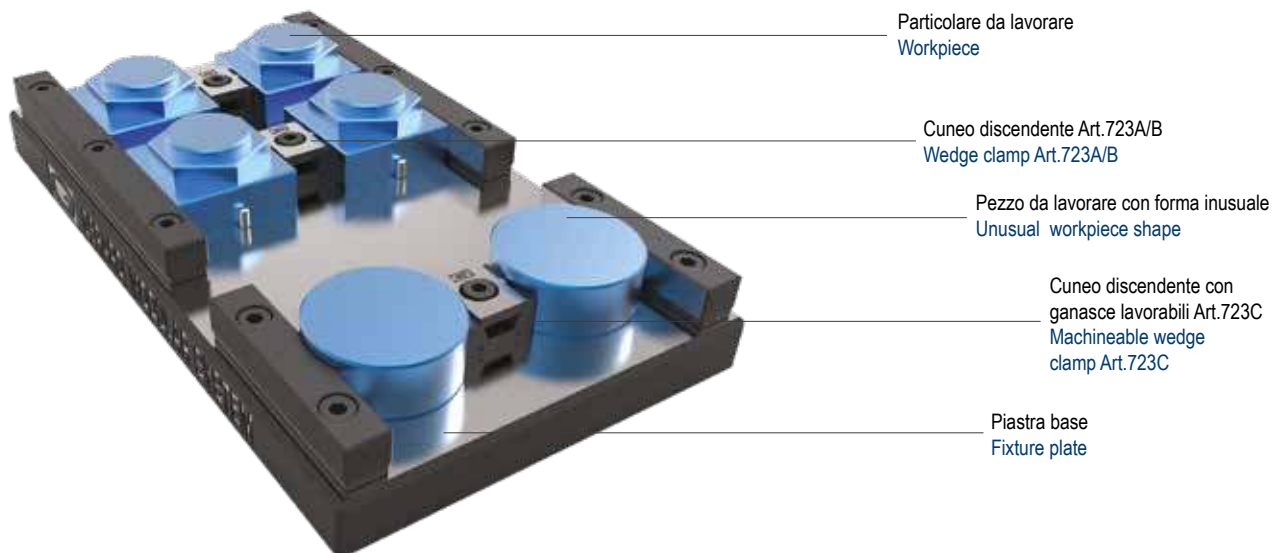
SERRAGGIO A CUNEO DISCENDENTE

JAWS WEDGE CLAMP

**NEW
2021**

Se il tuo pezzo è adatto per il serraggio con i moduli di serraggio a cuneo discendente Gerardi, il nostro team è in grado di progettare e produrre un'attrezzatura di serraggio multiplo come quello mostrato in figura. Mandateci le vostre richieste con le specifiche del pezzo o della tavola macchina del vostro centro di lavoro per consentirci di verificare l'idoneità dei nostri moduli di serraggio a cuneo discendente e presentare un'offerta adatta a voi.

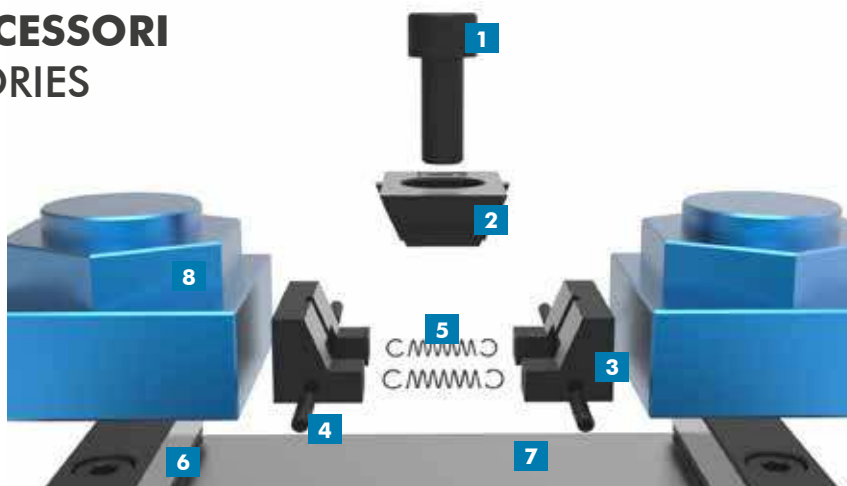
If your workpiece is suitable for clamping with Gerardi wedge clamps, our team can design and manufacture a multiple clamping fixture for you as the one shown in the picture. Please send us your enquiries with workpiece + machine table specifications of your machining center to enable us check suitability of our wedge clamps and submit an offer to you



PARTI DI RICAMBIO e ACCESSORI

SPARE PARTS and ACCESSORIES

- | | |
|---|--|
| 1 VITA TESTA ESAGONALE
HEXAGONAL HEAD SCREW | 5 MOLLE
SPRINGS |
| 2 CUNEO DI SPINTA
WEDGE CLAMP | 6 ARRESTI LATERALI
WORKSTOPS |
| 3 GANASCE MOBILI
MOVABLE JAW | 7 PIASTRA BASE
BASE PLATE |
| 4 GRANI
GRAIN | 8 PEZZI DA LAVORARE
WORKPIECES |



ESEMPI APPLICATIVI

BESPOKEN APPLICATION'S EXAMPLES



Sovratavola con sistema di serraggio a cunei discendenti per un serraggio di due pezzi contemporaneamente con un solo cuneo. Il tutto è montato su piastra ZeroPoint.

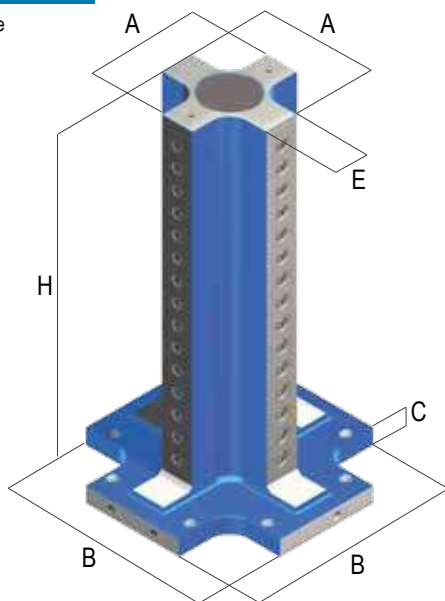
Head plate interfaced for clamping system with descending wedges. For clamping of two pieces simultaneously with only one wedge. All the fixture is mounted on a Zero Point plate.



Sovratavola ZeroPoint con sistema di serraggio a cunei discendenti su file multiple. Questo consente un serraggio di due pezzi contemporaneamente con un solo cuneo. Il tutto è montato su piastra ZeroPoint.

Head plate interfaced for clamping system with descending wedges on multiple rows. For clamping of two pieces simultaneously with only one wedge. All the fixture is mounted on a Zero Point plate.

Dimensioni - Dimensions
Art. 57F

Cubo a croce
Cross tower


A	B	C	E	H	kg	Art. 57F 40		Art. 57F 50	
						Cod.		Cod.	
200	500	40	80	750	154	8.57.F40100		8.57.F00100	
200	500	40	80	650	140	8.57.F40105		8.57.F00105	
250	500	40	80	750	194	8.57.F40106		8.57.F00106	
270	500	40	80	850	232	8.57.F40110		8.57.F00110	
230	500	40	110	850	214	8.57.F40120		8.57.F00120	
300	500	40	150	850	264	8.57.F40130		8.57.F00130	
300	630	40	150	950	322	8.57.F40140		8.57.F00140	
370	500	40	200	950	379	8.57.F40145		8.57.F00145	
400	500	50	100	850	228	8.57.F.40150		8.57.F00150	

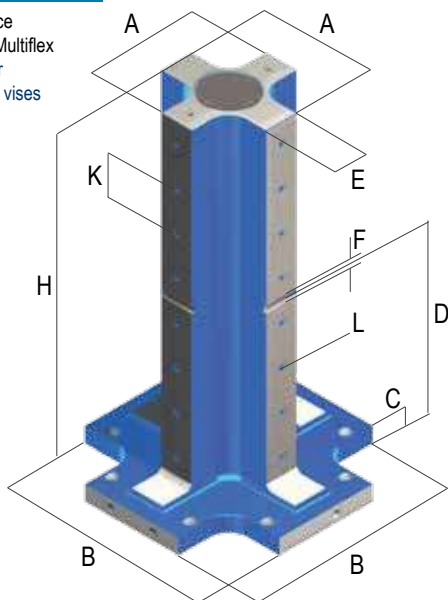
Art. 57F 40

Croce a reticolo con bussole temprate 100Cr6
e filetti riportati in acciaio inox. Tolleranza $\pm 0,02$ mm
■ Interasse reticolo 40 mm = $\varnothing 12$ / M10
■ Interasse reticolo 50 mm = $\varnothing 16$ / M12

Art. 57F 50

Crosscube grid type with hardened bushing 100Cr6 and inox
steel helicoils. Tolerance $\pm 0,02$ mm
■ Grid pitch 40 mm = $\varnothing 12$ / M10
■ Grid pitch 50 mm = $\varnothing 16$ / M12

Dimensioni - Dimensions
Art. 57G

Cubo a croce
per morse Multiflex
Cross tower
for Multiflex vise


A	B	C	D	E	F	H	K	L	kg	Cod.	
200	500	40	350	80	16	750	50	M12	154	8.57.G00100	
200	500	40	350	80	16	650	50	M12	140	8.57.G00105	
250	500	40	400	80	16	750	50	M12	194	8.57.G00106	
270	500	40	450	80	16	850	50	M12	232	8.57.G00110	
230	500	40	450	110	16	850	50	M12	214	8.57.G00120	
300	500	40	450	150	16	850	50	M12	264	8.57.G00130	
300	630	40	500	150	16	950	50	M12	322	8.57.G00140	
370	500	40	500	200	16	950	50	M12	379	8.57.G00145	
400	500	50	450	100	16	850	50	M12	228	8.57.G00150	

Art. 79R

Perno di allineamento regolabile
per Multiflex montata su cubo portapezzi
Adjustable alignment pin for
Multiflex vise mounted tombstone


Cod.

6.79.R1000

Art. 297R

Chiavetta di allineamento per
Multiflex montata su cubo portapezzi
Alignent key-nut for Multiflex
vise mounted on tombstone


Cod.

6.29.7R100

Diagrammi di serraggio / Clamping diagrams

MULTIFLEX

Diagrammi di serraggio meccanico con chiave dinamometrica

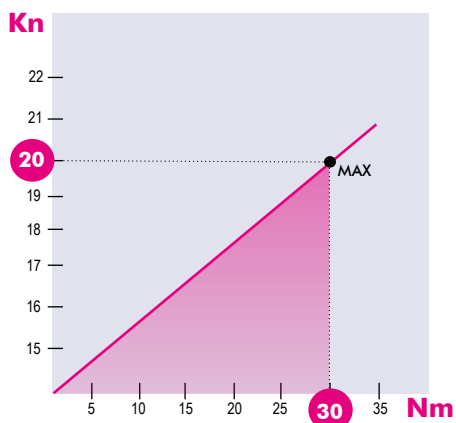
Mechanical clamping diagrams with torque wrench

Art. 357

Morse tipo Vises type

1

Cuneo di spinta:
Momento massimo applicato 40Nm
Clamping wedge: Torque 40Nm

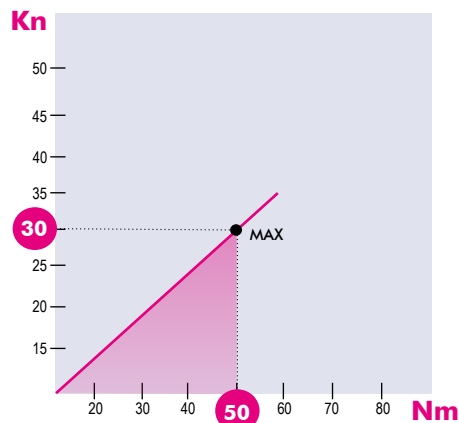


Art. 357

Morse tipo Vises type

2

Cuneo di spinta:
Momento massimo applicato 120Nm
Clamping wedge: Torque 120Nm



6

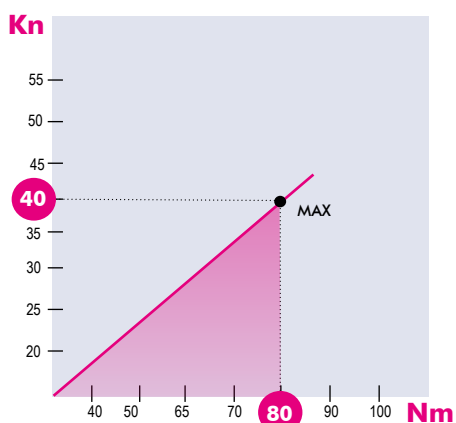
Gruppi di serraggio meccanici / Mechanical clamping device

I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 1 a 3), in funzione della forza applicata.
The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 3) depending on the force torque.

Morse tipo Vises type

3

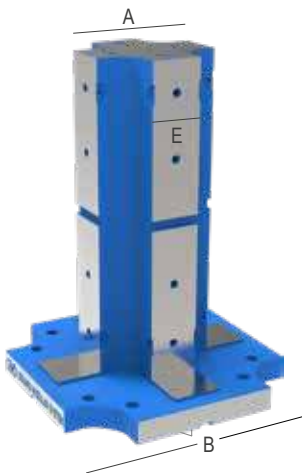
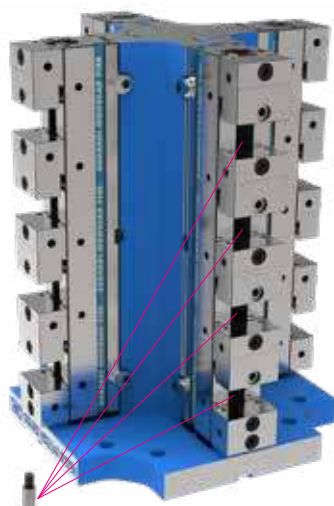
Cuneo di spinta:
Momento massimo applicato 150Nm
Clamping wedge: Torque 150Nm



Art. 357

MONTAGGIO MORSE in VERTICALE su CUBO INTERFACCIATO

WISE VERTICAL MOUNTING on COMPLETELY INTERFACED TOMBSTONES

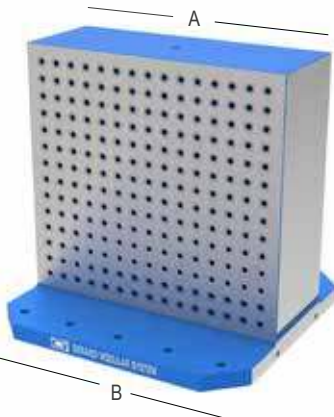
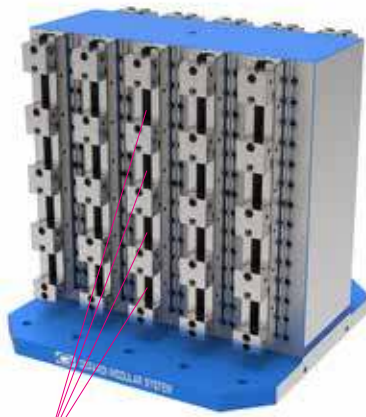
Cubo lavorato Art.57G Machined cube Art.57G	Tipo di morsa Vise type	Montaggio e allineamento* Mounting & alignment*	Cubo con morse Cube with vises
Cod. 8.57.G00105 Dim. A=200 / B=500 / E= 80 H=650 	Art.600 Tipo 2x600  n°morse Vises n° x 4	Per morsa / each vise  Importo per montaggio ed allineamento di ogni morsa. Amount need for each vise mounting and alignment.	 Art.83

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

Certificato di collaudo
Certificate test

PREDISPOSIZIONE e MONTAGGIO MORSE su SPALLA a RETICOLO

TOMBSTONES SET-UP and VISES MOUNTING on 2 SIDES GRID TOMBSTONE

Spalla a reticolo Art.55F 2 sides grid tombstone Art.55F	Tipo di morsa Vise type	Predisposizione e montaggio* Set-up & Mounting*	Spalla con morse 2 sides tombstone with vises
Cod. 8.55.F00191 Dim. A=800 / B=800 / H=800 	Art.600 Tipo 2x700  n°morse Vises n° x10	Per morsa / each vise  Importo per montaggio ed allineamento di ogni morsa. Amount need for each vise mounting and alignment.	 Art.83

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

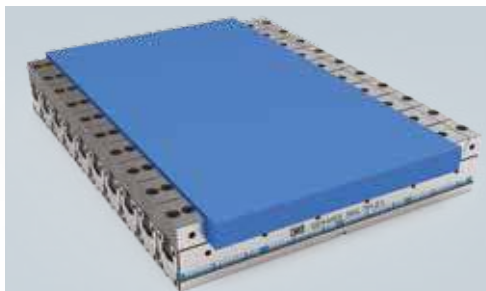
Certificato di collaudo
Certificate test

Soluzioni personalizzate / Customized solutions

MULTIFLEX

Soluzioni personalizzate a tutti i vostri problemi di serraggio

Customized solutions for all your clamping problems

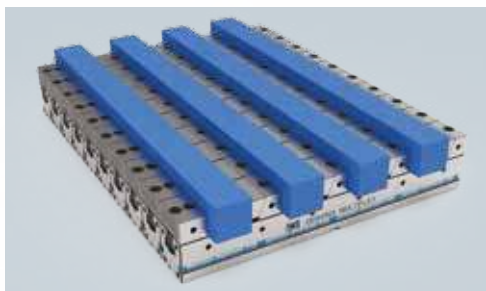


Montaggio in parallelo

Parallel mounting

n° 10 morse Multiflex montate in parallelo per il serraggio di un pezzo di grosse dimensioni

10 Multiflex vises parallel mounting for clamping a big size workpiece

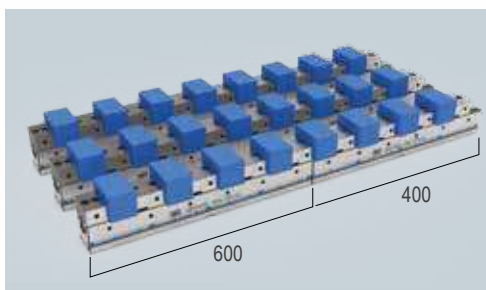


Montaggio in parallelo

Parallel mounting

n° 10 morse Multiflex montate in parallelo per il serraggio di 4 pezzi di grosse dimensioni

10 Multiflex vises parallel mounting for clamping a 4 big size workpieces

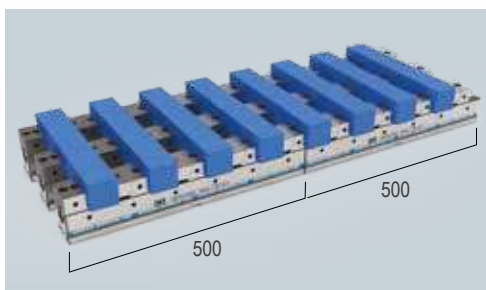


Montaggio in linea

In line mounting

n° 6 morse Multiflex montate in linea per il serraggio di 24 piccoli pezzi

6 Multiflex vises in line mounting for clamping a 24 small workpieces

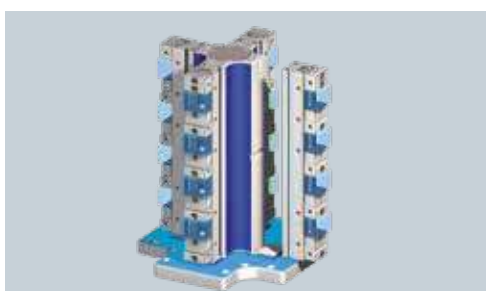


Montaggio in linea

In line mounting

n° 6 morse Multiflex montate in linea per il serraggio di 8 pezzi di grosse dimensioni

6 Multiflex vises in line mounting for clamping a 8 big size workpieces



Cubo Morsa

Tombstone + vises

Cubo a croce Art.57G con vari tipi di morse Gerardi montate verticalmente

Crosscube Art.57G with various Gerardi vises vertically assembled

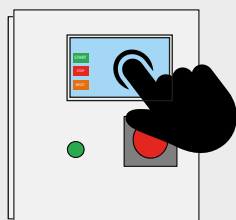
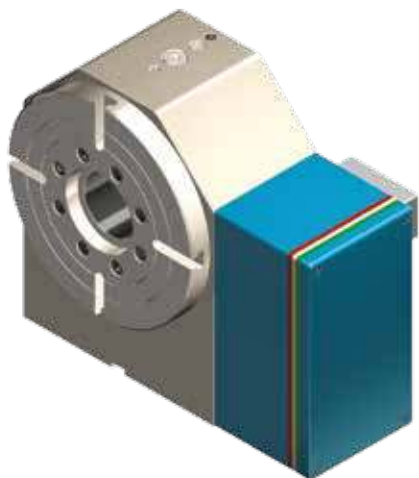
DIVISORE AUTOMATICO DPG 250

AUTOMATIC DIVIDING HEAD DPG 250

Divisore automatico
Automatic dividing head

Dati tecnici
Technical Data

DPG 250



PROGRAMMAZIONE TOUCH SCREEN
FACILE ED INTUITIVA O TRAMITE COLLEGAMENTO
DIRETTO AL CNC

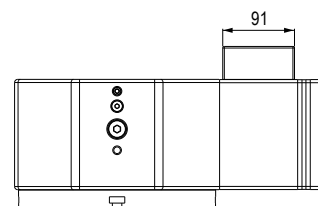
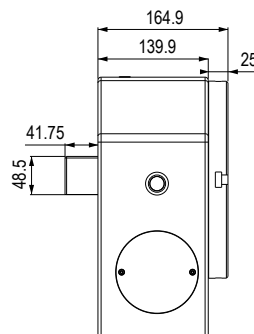
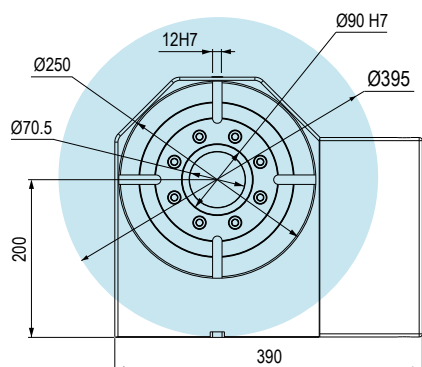
EASY AND INTUITIVE TOUCH SCREEN
PROGRAMMING OR THROUGH DIRECT
CONNECTION TO THE CNC

- Installazione semplice (alimentazione 220V)
- Corona in bronzo speciale
- Controsupporto semplice
- Vite senza fine in acciaio temprato e rettificato
- Vite e corona in bagno d'olio
- Cuscinetti a vite precaricati
- Cuscinetto anteriore a rulli incrociati sovradimensionato
- Recupero gioco con avvicinamento assiale
- Completa tenuta stagna ai liquidi con possibilità di pressurizzazione
- Possibilità di montare motori di tutte le marche
- Dimensioni esterne contenute
- Finestra di controlli liquidi e condensa
- Lavorazione in posizionamento a 360°

- Easy installation (220V)
- Special bronze crown
- Simple tailstock
- Worm screw in hardened ground steel
- Bath lubrication Screw and Crown
- Pre-loaded screw bearings
- Over-dimensioned crossed-roller front bearing
- Play recover with axial approach
- Watertight seal with possibility of pressurization
- Possibility to mount motors of all brands
- Reduced external dimensions
- Condensation and liquid control window
- 360° work positioning

Diametro del divisore Dividing head diameter	250 mm
Diametro del foro passante Clearance hole diameter	70,5 mm
Altezza punta Center height	200 mm
Dimensione della scanalatura a T T-Slot width	12 mm
Sistema di bloccaggio Clamping system	IIdraulico Hydraulic
Forza frenante Clamping torque	3000 Nm
Motore Servo motor	3000 Max.g/min
Minimo incremento Minimum increment	0,002
Velocità di rotazione Rotation speed	33,3 Giri/min
Rapporti vite/corona Speed reduction ratio (screw/gear)	1/90
Rapporti vite/motore Speed reduction ratio (screw/motor)	1/180
Precisione Indexing accuracy	±10 Sec.
Ripetibilità Repeatability	4 Sec.
Max. carico di lavoro sul divisore Max. allowable work weight on the dividing head	Verticale Vertical Orizzontale Horizontal
Max. carico di spinta applicabile sul divisore Max. allowable tool load on the dividing head	
Rapporti vite/corona Speed reduction ratio (screw/gear)	Verticale Vertical
Coppia in lavoro Driving torque	Corona dentata Worm gear
Kg	110
Cod.	8.DP.G2500

DPG 250



Tipo (grandezza) / Type (size)

Divisore Gerardi **DPG250**
 con cubo-morsa **MULTIFLEX**
 per il serraggio di particolari di tutte
 le forme e dimensioni.

Morse 607
 Art.607 vices



Gerardi
 dividing head
DPG250 with
MULTIFLEX vise-cube for
 clamping workpieces of all
 shapes and sizes.

	1					2			
C ⁻⁰ _{-0,02}	100					150			
D	300	400	500	600	700	400	500	600	700
G ⁻⁰ _{-0,02}	50					75			
Ø I H7	25					50			
L ⁻⁰ _{-0,02}	20					20			
Cod.	6.DP.G25000	6.DP.G25010	6.DP.G25020	6.DP.G25030	6.DP.G25040	6.DP.G25050	6.DP.G25060	6.DP.G25070	6.DP.G25080

Nel caso si disponga di un proprio divisore, il prezzo dell'attrezzatura potrebbe subire variazioni
 In case you already have a diver, the price may be revised

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !
Art. 99A

Supporto
 Support



Cod. 7.99.A1000

Art. 99B

Perno di centraggio completo
 di sistema d'allineamento
 Horizontal centering pin with alignment system



Cod. 6.99.B1000 6.99.B2000

Art. 99H

Distanziale per supporto
 Spacer support



Cod. 6.99.H1000

Art. 62K
DPG 250

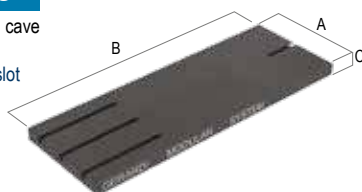
Piastra di interfaccia per cubo MULTIFLEX
 completa di sistema d'allineamento
 Connecting plate with alignment system for MULTIFLEX



Cod. 6.62.K603A8 6.62.K603A9

Art. 99S

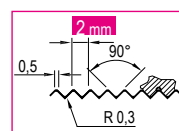
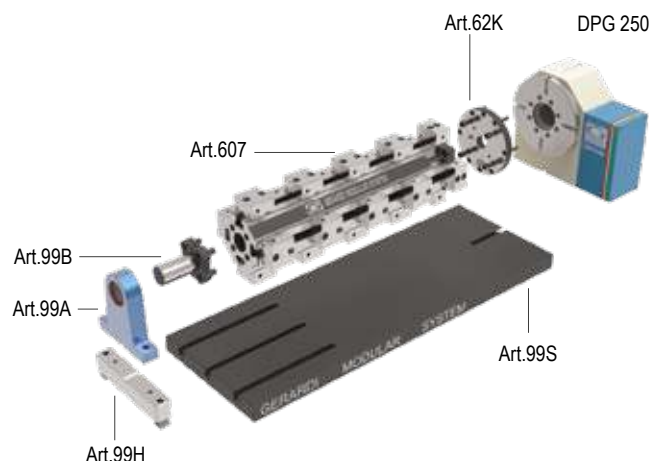
Piastra base con cave
 Piani rettificati
 Base plate with slot
 Faces ground



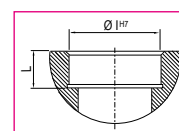
Dimensioni B mm Dimension B mm	A	C	Kg	Cod.	
600	400	50	94	7.99.S060S	
800	400	50	125	7.99.S080S	
1000	400	50	156	7.99.S100S	

Cave o fori calibrati su richiesta
 Slot or calibrated holes on request

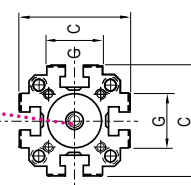
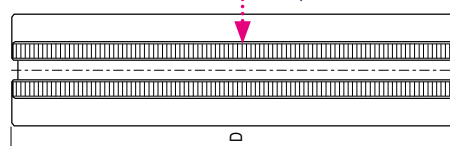
Disponibili quote "B" a step di 50mm - Available dimension "B" in steps of 50mm



2 mm =
 Passo delle righe
 Rows pitch



Foro di centraggio
 Centering hole



DIVISORE MECCANICO DIVIGER 205

MECHANICAL DIVIDING HEAD DIVIGER 205

Divisore automatico
Automatic dividing head

Dati tecnici
Technical Data

DIVIGER 205



Diametro del divisore
Dividing head diameter 220 mm

Diametro del foro passante
Clearance hole diameter 85 mm

Altezza centrale
Center height 200 mm

Dimensione della scanalatura a T
T-Slot width -

Sistema di bloccaggio
Clamping system Meccanico
Mechanical

Minimo incremento
Minimum increment 1°

Precisione
Indexing accuracy ±10 Sec.

Coppia in lavoro
Driving torque 3000 Nm

Kg 93

Cod. 7.66.73000

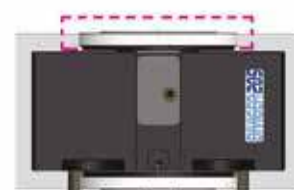
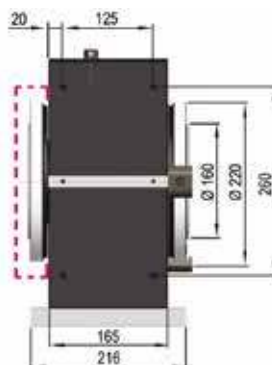
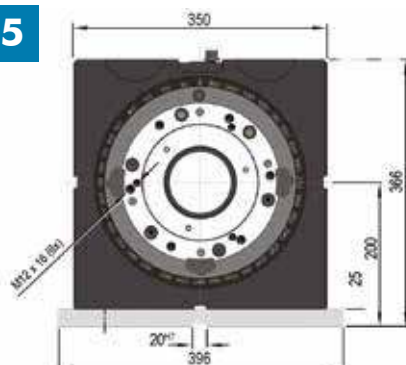
DIVISORE MECCANICO, SENZA CAVI O IDRAULICA,
PERMACCHINE A CNC

MECHANICAL DIVIDING HEAD, WITHOUT ELECTRICAL CABLES
OR HYDRAULIC, FOR CNC MILLING MACHINE

- Maggiore efficienza nella lavorazione su più lati
- Completamente autonomo dalla macchina
- Elevato momento torcente
- Divisione manuale o automatica tramite mandrino macchina
- 360 posizioni
- Serraggio simultaneo di due particolari grazie alla doppia flangia
- lavorazione su 5 facce senza contropunta
- Lavorazione a barra grazie al mandrino cavo
- Utilizzabile orizzontalmente o verticalmente
- Cambio tramite serraggio a cuneo
- Cost-effective on multiple-sides machining
- Machine independent
- High holding torque
- Dividing manually or automatically using the machine spindle
- 360 x 1° division
- Simultaneous clamping of 2 workpieces thanks to the dual flange
- 5 faces machining without counter-holder
- Bar machining due to hollow spindle
- To be used horizontally or vertically
- Quick change through wedge clamping



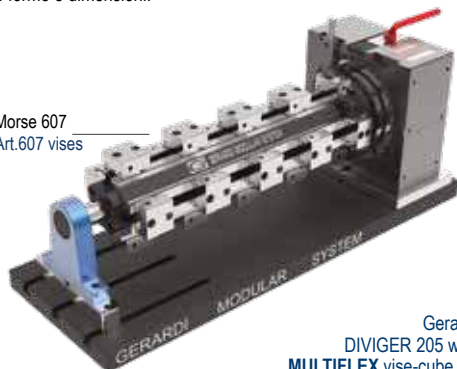
DIVIGER 205



Tipo (grandezza) / Type (size)

Divisore Gerardi **DIVIGER 205**
 con cubo-morsa **MULTIFLEX**
 per il serraggio di particolari di tutte
 le forme e dimensioni.

Morse 607
 Art.607 vises



Gerardi
 DIVIGER 205 with
MULTIFLEX vise-cube for
 clamping workpieces of all
 shapes and sizes.

	1					2			
C $^{-0}_{-0,02}$	100					150			
D	300	400	500	600	700	400	500	600	700
G $^{-0}_{-0,02}$	50					75			
$\varnothing I^{H7}$	25					50			
L $^{-0}_{-0,02}$	20					20			
Cod.	6.DI.V20500	6.DI.V20510	6.DI.V20520	6.DI.V20530	6.DI.V20540	6.DI.V20550	6.DI.V20560	6.DI.V20570	6.DI.V20580

Nel caso si disponga di un proprio divisore, il prezzo dell'attrezzatura potrebbe subire variazioni
 In case you already have a diverger, the price may be revised

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !
Art. 99A

Supporto
 Support



Cod. 7.99.A1000

Art. 99B

Perno di centraggio completo
 di sistema d'allineamento
 Horizontal centering pin with alignment system



Cod. 6.99.B1000 6.99.B2000

Art. 99H

Distanziale per supporto
 Spacer support



Cod. 6.99.H1000

Art. 62K
DIVIGER 205

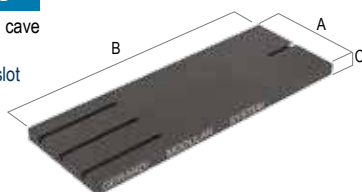
Piastra di interfaccia per cubo MULTIFLEX
 completa di sistema d'allineamento
 Connecting plate with alignment system for MULTIFLEX



Cod. 6.62.K603A8 6.62.K603A9

Art. 99S

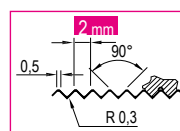
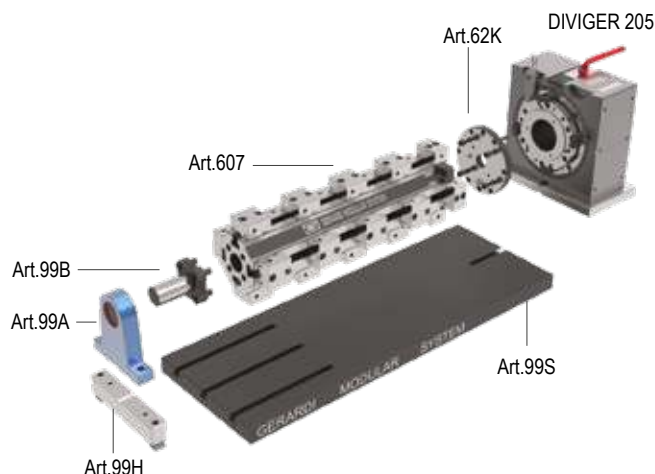
Piastra base con cave
 Piani rettificati
 Base plate with slot
 Faces ground



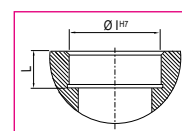
Dimensioni B mm Dimension B mm	A	C	Kg	Cod.	
600	400	50	94	7.99.S060S	
800	400	50	125	7.99.S080S	
1000	400	50	156	7.99.S100S	

Cave o fori calibrati su richiesta
 Slot or calibrated holes on request

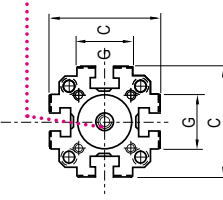
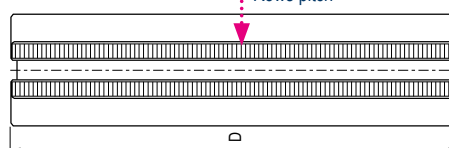
Disponibili quote "B" a step di 50mm - Available dimension "B" in steps of 50mm



2 mm =
 Passo delle righe
 Rows pitch



Foro di centraggio
 Centering hole



ISTRUZIONI PER UN CORRETTO UTILIZZO

ISTRUCTIONS FOR A PROPER USE



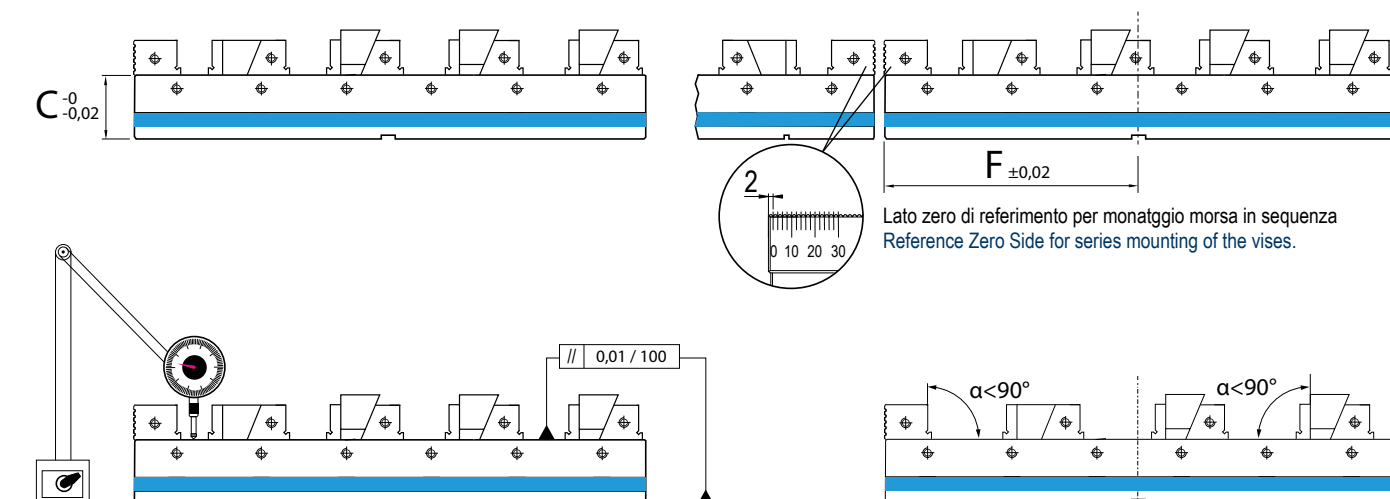
Libretto Istruzioni / Instruction Book

Scansiona il QR code e scarica le istruzioni complete

Scan the QR code to download the complete instructions

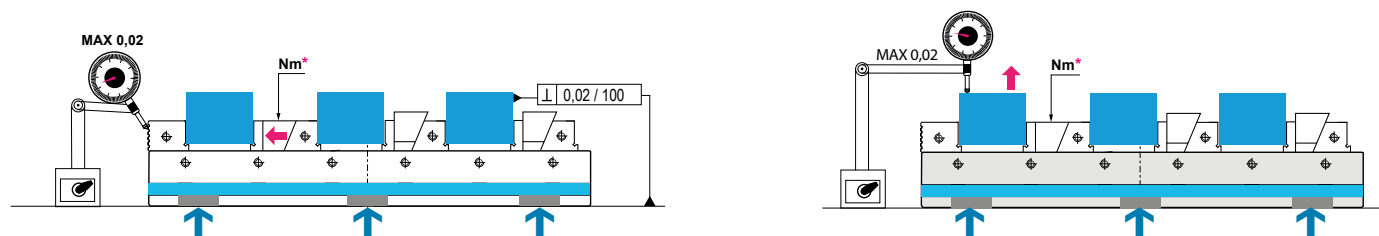
TOLLERANZE GEOMETRICHE

GEOMETRIC ACCURACIES



TOLLERANZE DINAMICHE

DINAMIC ACCURACIES



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

Art 600 - 606 - 611		* Momento applicato - Torque Nm			Forza di serraggio - Clamping power KN			
		Ganascia fissa e Cuneo di posizionamento Fixed jaw and positioning Wedge	Cuneo di spinta - Clamping movable Jaw			Cuneo di spinta - Clamping movable Jaw		
			Morsa - Vise Art. 600	Morsa - Vise Art. 606	Morsa - Vise Art. 611	Morsa - Vise Art. 600	Morsa - Vise Art. 606	Morsa - Vise Art. 611
Ganascia Tipo 1	Jaw Type 1	40		30			20	
Ganascia Tipo 2	Jaw Type 2	120		50			30	
Ganascia tipo 3	Jaw Type 3	250		80			40	

1 kgf . m = 9.806 Nm