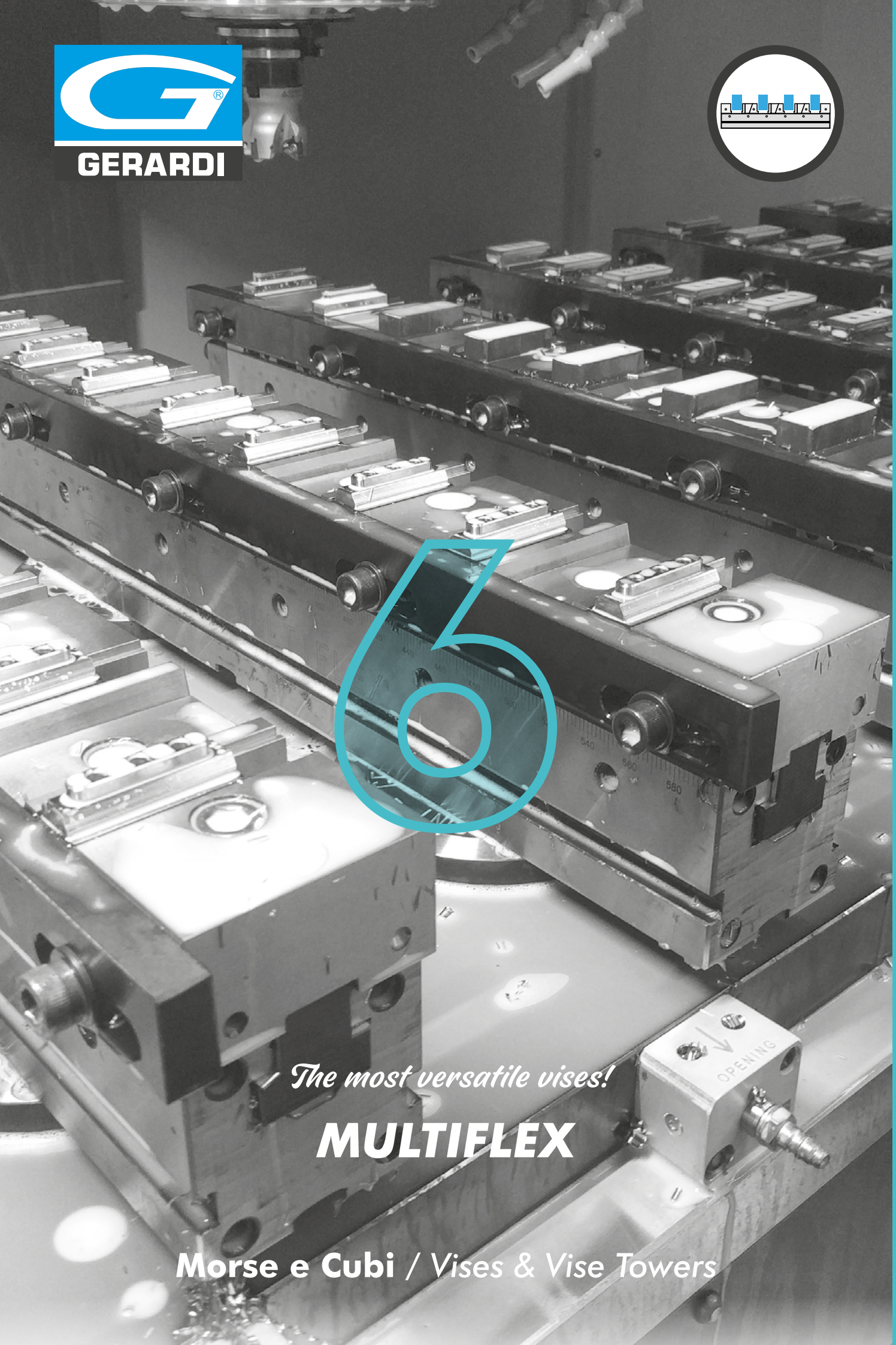

GERARDI

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)

NEW

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:

Art.604	Art.610B	Art.297
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Art.613	Art.610E	Art.375
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Art.605L	Art.610T	- -

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*

Precisione / Accuracy
±0,02mm

HRC

Durezza / Hardened
HRC 58±2

Per serraggi multipli fino a 19 particolari di varie dimesioni

For flexible clamping of multiple workpieces of various sizes

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 ATTREZZAGGIO RIDOTTI
REDUCED SET-UP TIMES

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

Quick and versatile jaws positioning very close to the workpiece.

Azione discendente
Pull down jaw action

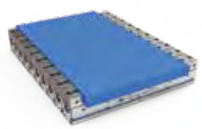
Cuneo di spinta guidato con sistema a pettine di righe rettificate di ganascia fissa e di ganascia mobile.

Wedge clamp with guided pull down law 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 very 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

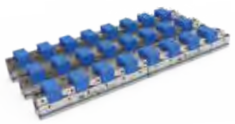
10 morse - Serraggio di 1 particolare
10 vises - 1 workpiece clamped

Montaggio in parallelo
Parallel mounting

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

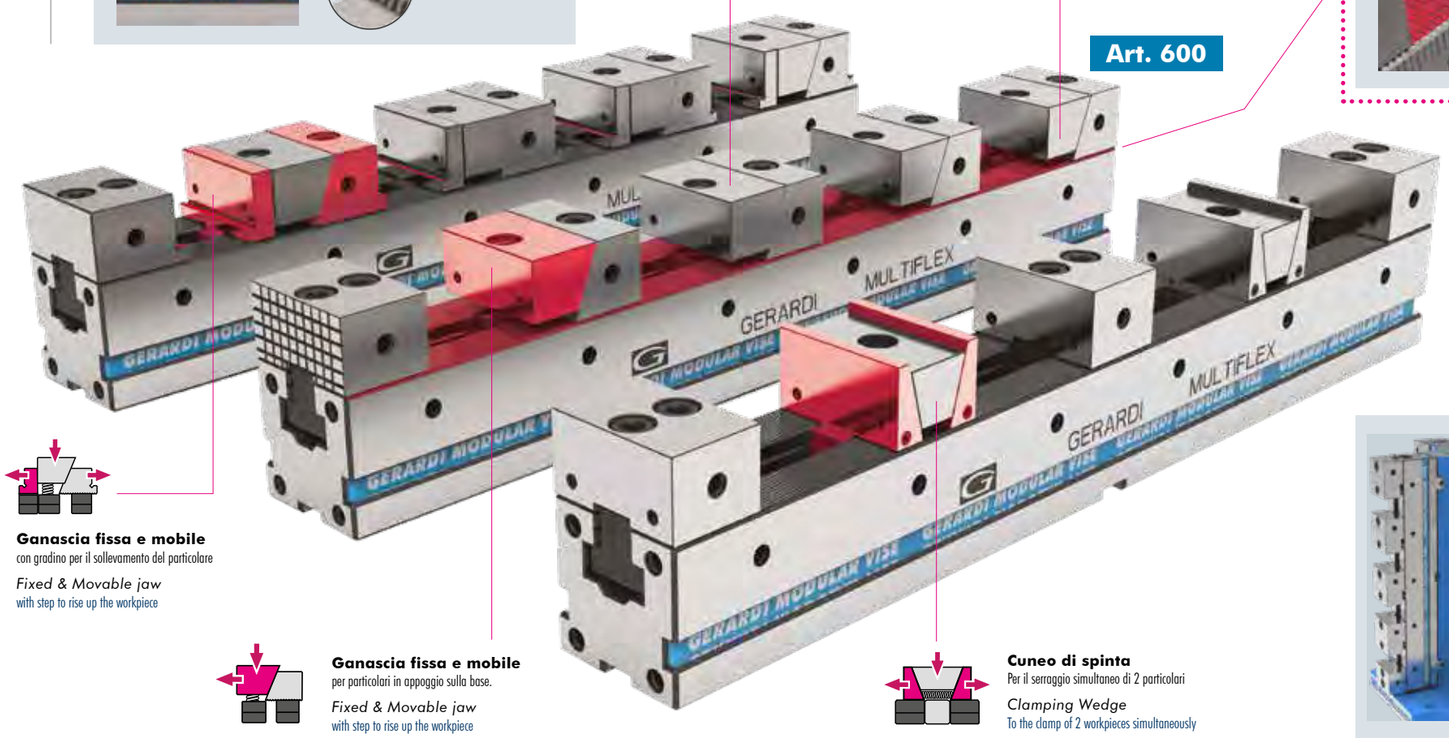
Montaggio in Linea
In line mounting

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

Cuneo di spinta
Per il serraggio simultaneo di 2 particolari
Clamping Wedge
To the clamp of 2 workpieces simultaneously

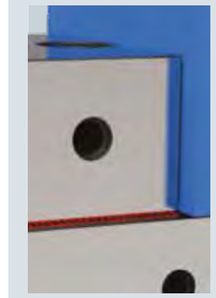
Le morse della serie MULTIFLEX rappresentano un innovativo sistema modulare di serraggio in grado di sfruttare al massimo la capacità della tavola della macchina e di aumentarne, di conseguenza, la produttività. Il sistema è stato ideato per poter serrare contemporaneamente un notevole numero di pezzi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

5 YEARS WARRANTY

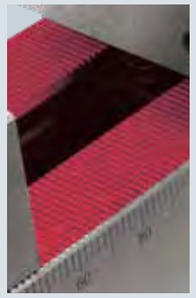
Le morse più versatili !
The most versatile vises !



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.

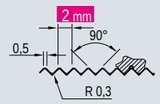
In positioning and alignement (±0,02 mm) thanks to the ground rack teeth on both the base and the fixed jaws.



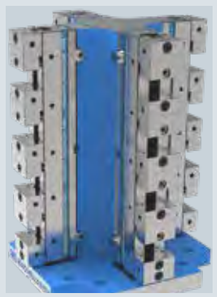
Versatilità
Versatility

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



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*

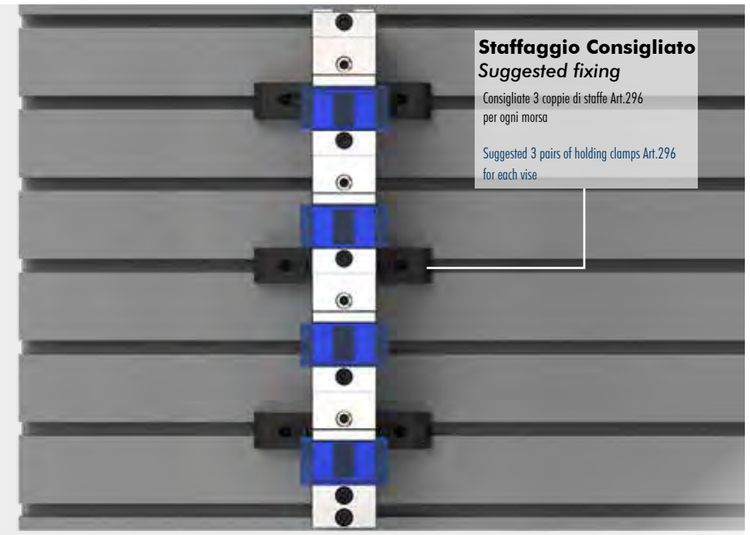
MULTIFLEX

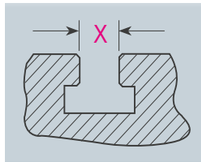
Coppia staffe di fissaggio Art.296, complete di vite e dado a "T"

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

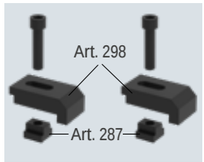
Always specify the machine T-slot dimension

Art.287

Dadi a T - *T Nuts*

Per fissaggio morse alle cave a T della macchina

For vise clamping on the machine T-slots



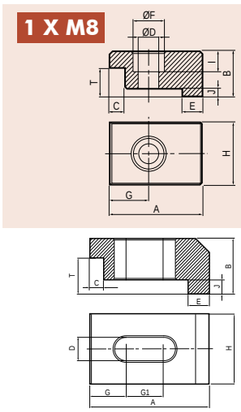
Art.296

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

MorseMultiflex 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

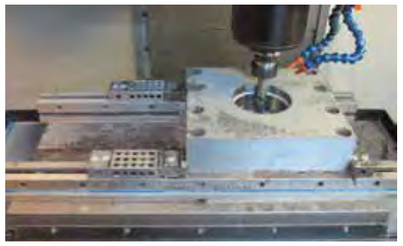
Rather big work-pieces machined on a Multiflex vise tower Art.607 Type 2

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

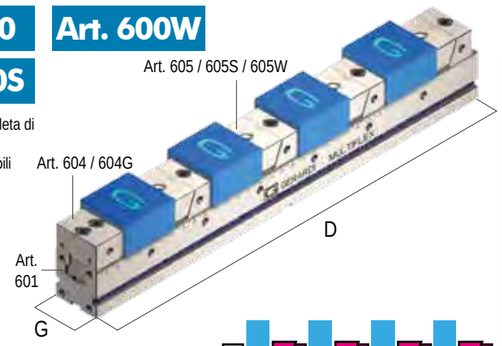
Per la scelta della morsa Multiflex piú adatta alle vostre esigenze

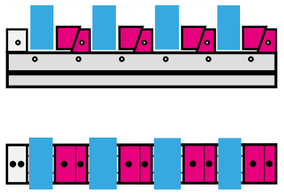
Tipo (grandezza) morsa / Vise type (size)

Art. 600 / Art. 600W / Art. 600S

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





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

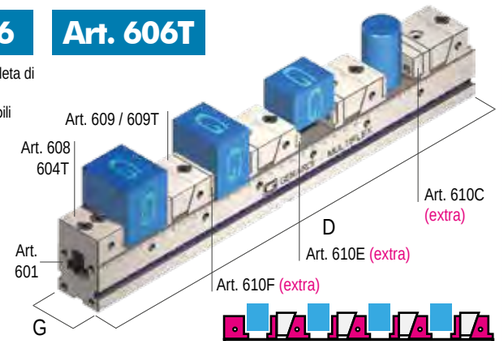
Apertura max in relazione al numero dei particolari
Max opening according to workpieces to be clamped

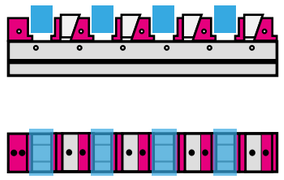
kN	1 – 20 kN		
D	300	400	500
G -0 -0,02	50	50	50
1 pezzo / piece	205	305	408
2 pezzi / pieces	75	125	175
3 pezzi / pieces	30	64	96
4 pezzi / pieces	8	33	58
5 pezzi / pieces	-	15	35
6 pezzi / pieces	-	3	19
7 pezzi / pieces	-	-	8
8 pezzi / pieces	-	-	-
9 pezzi / pieces	-	-	-
10 pezzi / pieces	-	-	-
11 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 ganascia 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

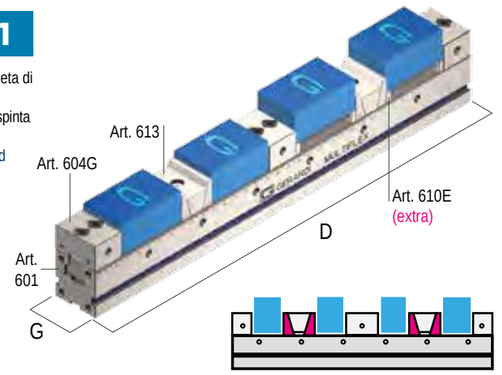
D	300 *	400	500
G -0 -0,02	50	50	50
1 pezzo / piece	193	293	393
2 pezzi / pieces	63	113	163
3 pezzi / pieces	19	53	86
4 pezzi / pieces	-	23	48
5 pezzi / pieces	-	-	25
6 pezzi / pieces	-	-	-
7 pezzi / pieces	-	-	-
8 pezzi / pieces	-	-	-
9 pezzi / pieces	-	-	-
10 pezzi / pieces	-	-	-
11 pezzi / pieces	-	-	-
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

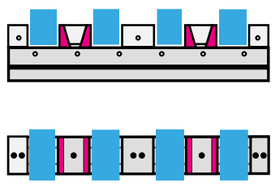
* Solo per tipo 1 x 300 e 2 x 400 n. 3 ganasce fisse-mobili in dotazione Stadard

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 parallele
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 -0 -0,02	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 -0 -0,02	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 -0 -0,02	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

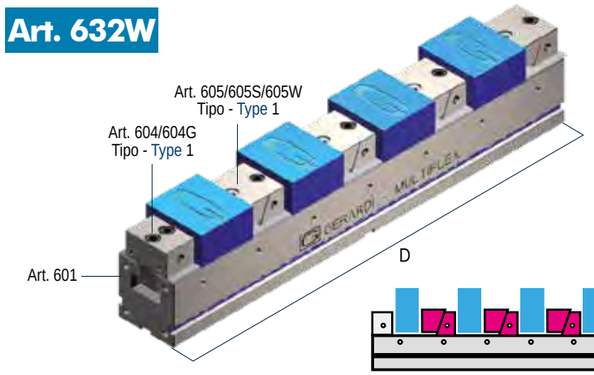
Per la scelta della morsa Multiflex piú adatta alle vostre esigenze

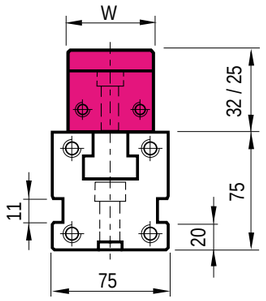
GANASCIA Tipo 1 (49mm) su BASE Tipo 2 / JAW Type 1 (49mm) on BASE Type 2

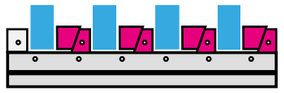
Art. 632 Art. 632W Art. 632S

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

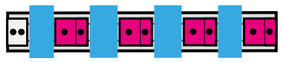






Ganascia tipo 1 ⇨ Base tipo 2

Jaw type 1 ⇨ Base type 2

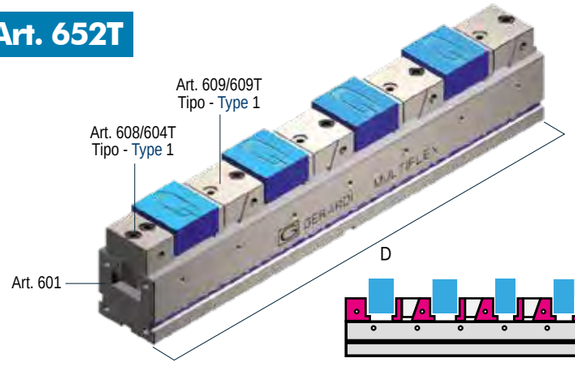


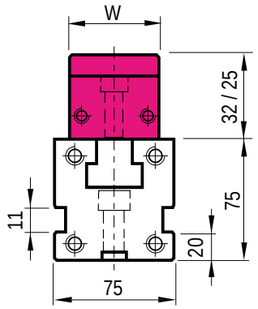
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

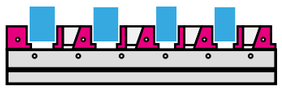
Art. 652 Art. 652T

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

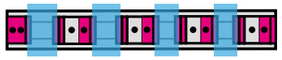






Ganascia tipo 1 ⇨ Base tipo 2

Jaw type 1 ⇨ Base type 2

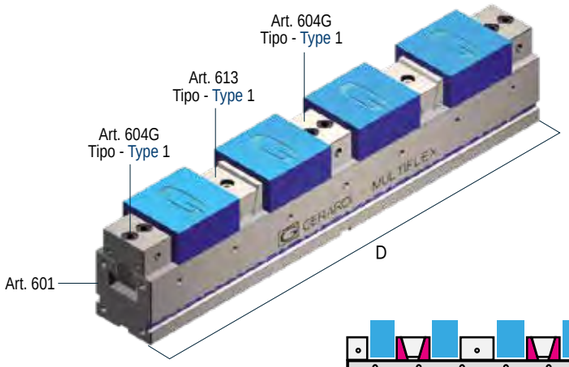


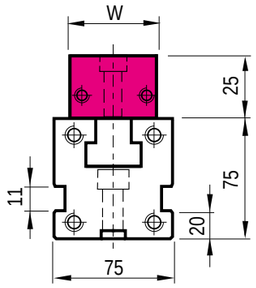
Per particolari sollevati per forature passanti
Rised workpieces for drill through holes

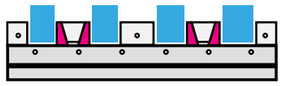
Art. 692

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
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

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

D	400	500	600	700	800	900
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

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

D	400	500	600	700	800	900
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

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

GUIDA RAPIDA

Per la scelta della morsa Multiflex piú adatta alle vostre esigenze

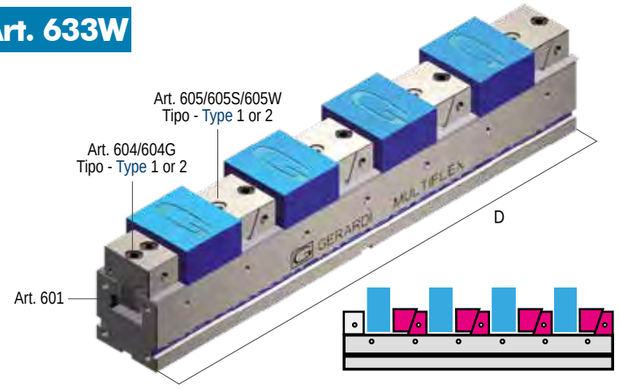
GANASCIA Tipo 1 o Tipo 2 (49 o 74mm) su BASE Tipo 3 / JAW Type 1 or Type 2 (49 o 74mm) on BASE Type 3

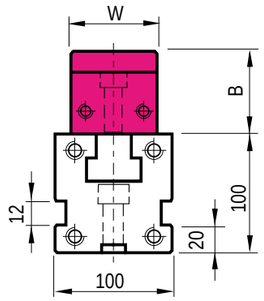
Art. 633 Art. 633W

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





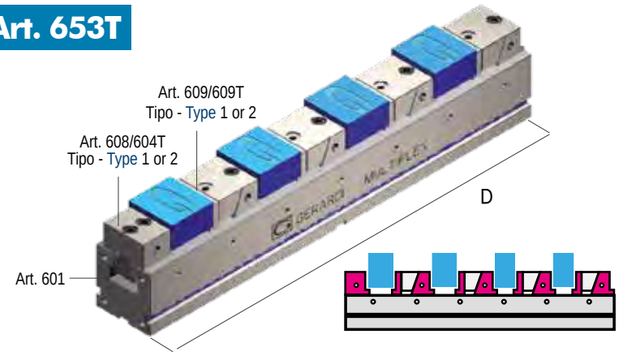
Ganascia tipo 1 o 2 ⇨ Base tipo 3
Jaw type 1 or 2 ⇨ Base type 3

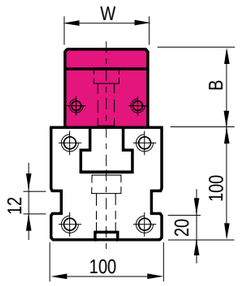
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

Art. 653 Art. 653T

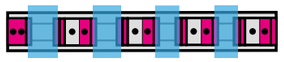
Ogni morsa è completa di
1 ganascia fissa,
4 ganasce fisse-mobili

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

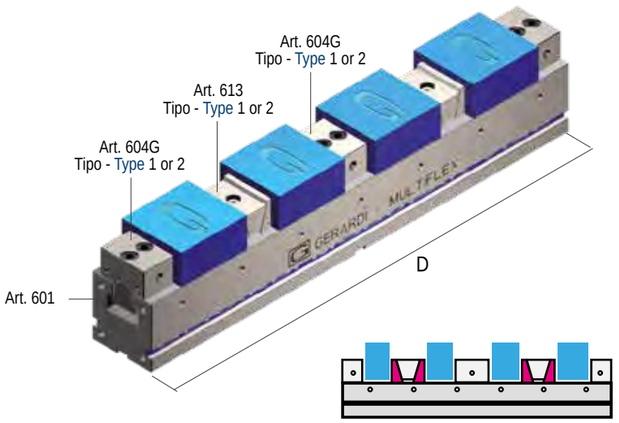


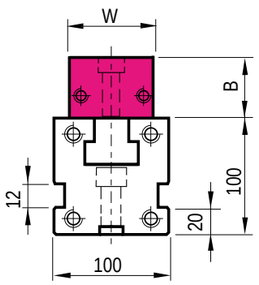
Per particolari sollevati per forature passanti
Rised workpieces for drill through holes

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 20 kN				GANASCIA Tipo 2 - / JAW Type 2 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

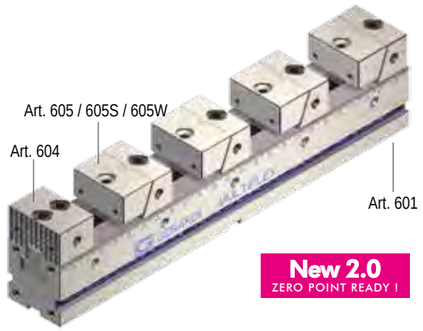
D	700	800	900	1000	700	800	900	1000
W	49				74			
Apertura max in relazione al numero dei particolari / Max opening according to workpieces to be clamped								
1 pezzo / piece	577	677	777	877	545	645	745	845
2 pezzi / pieces	288,5	338,5	388,5	438,5	272	322,5	372,5	422,5
3 pezzi / pieces	164	197,3	230,7	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 Con ganasce zigrinate (Art. 605S)
With serrated jaws (Art. 605S)

Art.600W Con ganasce mobili lisce e fisse zigrinate (Art.605W)
With smooth movable jaw and fixed serrated jaws (Art.605W)



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

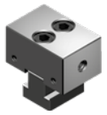
kN	1 – 20 kN				
A	4 x 8mm	4 x 33	4 x 58	4 x 83	4 x 108
B	32 / 25				
C 0 -0,02	50				
D 0 -0,05	300	400	500	600	700
G 0 -0,02	50				
J	38				
J1	55 / 58				
I	10				
F	15				
W	49				
ØP	9				
Q ±0,02	100 / 200	100 / 200	200	300	400
kg	7,2	8,7	10,1	11,6	13
Cod. Art. 600	6.60.01300	6.60.01400	6.60.01500	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

	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 0 -0,05	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			
F	20						20			
W	74						99			
P	13						17			
Q ±0,02	200 / 300	200	300	400	400 / 500	300 / 400 / 500	400	400 / 500	400 / 500	400 / 500
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

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 604*
Ganascia fissa (1 lato liscia, 1 lato zigrinata)
Fixed jaw (1 side smooth, 1 side serrated)



Cod.	6.60.41000	

* Arresto laterale a richiesta - Workstop on request

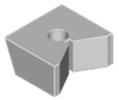
Art. 605*
Ganascia mobile e fissa liscia
Fixed and movable smooth jaws

Art. 605S*
Ganascia mobile e fissa zigrinata
Fixed and movable serrated jaws

Cod. Art.605	6.60.51000	6.60.52000	6.60.53000
Cod. Art.605S	6.60.5S100	6.60.5S200	6.60.5S300

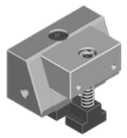
* Arresto laterale a richiesta - Workstop on request

Art. 605L
Cuneo di spinta a "V"
"V" clamping wedge



Cod.	6.60.5L100	6.60.5L200	6.60.5L300

Art. 615*
Ganascia con cuneo di posizionamento maggiorato
Jaw with bigger positioning wedge
(increased with respect to standard dimensions)



Cod.	6.61.51000	6.61.52000	6.61.53000

* Arresto laterale a richiesta - Workstop on request

Art. 600 **Art. 600S** **Art. 600W**

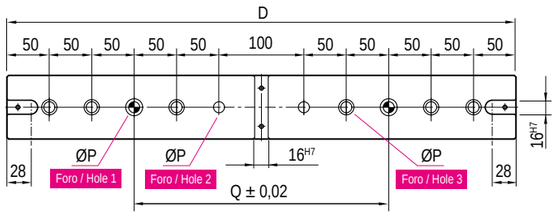
Dotazione standard:
- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

Extra per ogni foro aggiuntivo per Zero Point

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

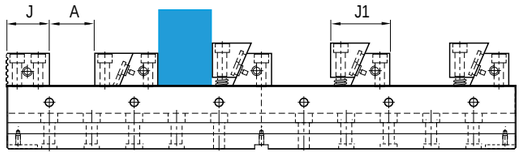
Extra charge for each hole for Zero Point

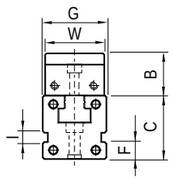


Compatibilità con Zero Point
Compatibility with Zero Point

Fori per Zero Point Holes for Zero Point	Foro - Hole 1
Fori per fissaggio morsa Holes for vise clamping	Foro - Hole 2
	Foro - Hole 3

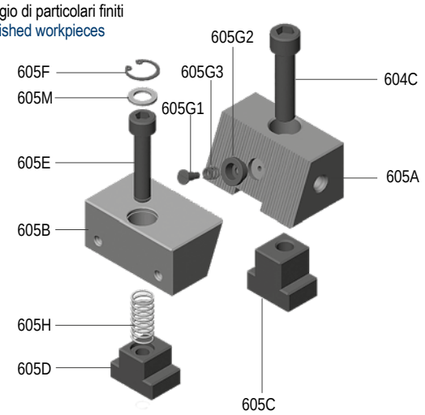
Vedi Pag - See Page 6.30





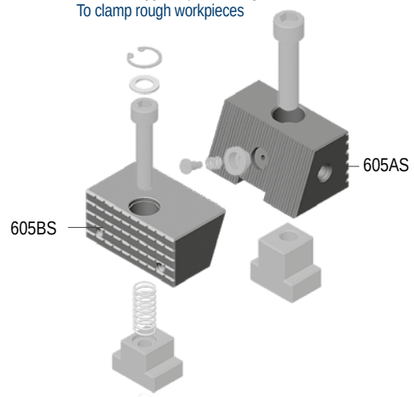
Art. 605 GANASCIA LISCIA
JAW PLATE

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 ganascia GRIP (Art. 609T)
Vise with GRIP jaws (Art. 609T)

New 2.0
ZERO POINT READY !

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

	1				
kN	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	32 / 25				
C 0 -0,02	50				
D 0 -0,05	300	400	500	600	700
G 0 -0,02	50				
J	38				
J1	65 / 68				
I	10				
F	15				
W	49				
ØP	9				
Q ±0,02	100 / 200	100 / 200	200	300	400
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

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

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

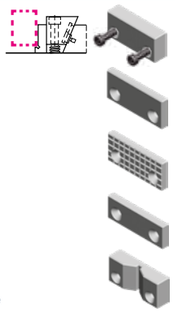
Art. 610B
Piastra ganascia lavorabile / Soft jaw plate

Art. 610C
Piastra ganascia liscia / Smooth jaw plate

Art. 610D
Piastra ganascia zigrinata / Serrated jaw plate

Art. 610E
Piastra ganascia parallela / Parallel jaw plate

Art. 610F
Piastra ganascia prismatica / Prismatic jaw plate



Cod. Art. 610B	6.61.0B100
Cod. Art. 610C	6.61.0C100
Cod. Art. 610D	6.61.0D100
Cod. Art. 610E	6.61.0E100
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

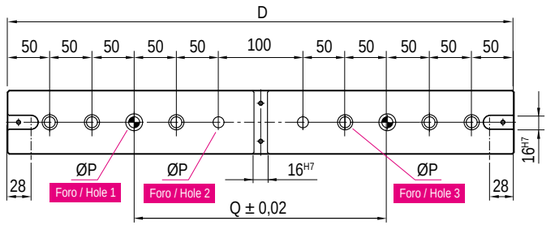
Dotazione standard:
- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

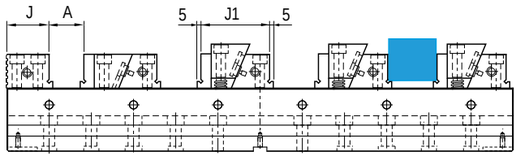
Extra per ogni foro aggiuntivo per Zero Point

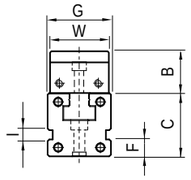
Art. 606 - Art. 606T

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 hole for Zero Point







Compatibilità con Zero Point
Compatibility with Zero Point

Fori per Zero Point Holes for Zero Point	Foro - Hole 1
Fori per fissaggio morsa Holes for vise clamping	Foro - Hole 2
	Foro - Hole 3

Vedi Pag - See Page 6.30

	2						3			
	30 kN						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	40						60			
C 0 -0,02	75						100			
D 0 -0,05	400	500	600	700	800	900	700	800	900	1000
G 0 -0,02	75						100			
J	50						70			
J1	83 / 88						113 / 119			
I	11						12			
F	20						20			
W	74						99			
P	13						17			
Q ±0,02	200 / 300	200	300	400	400 / 500	300 / 400 / 500	400	400 / 500	400 / 500	400 / 500
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

* Only type 1 x 300 and 2 x 400 n. 3 fixed-movable jaws included

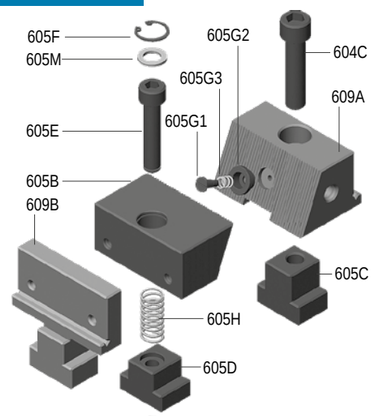
UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

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

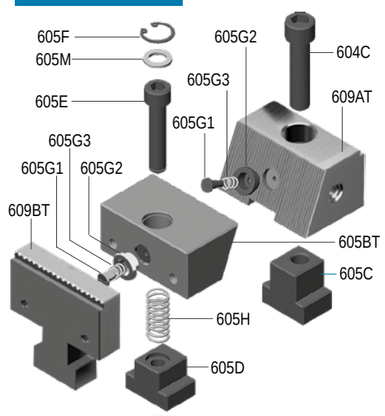
Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

Cod.	6.60.9T200	6.60.9T300

Art. 609



Art. 609T



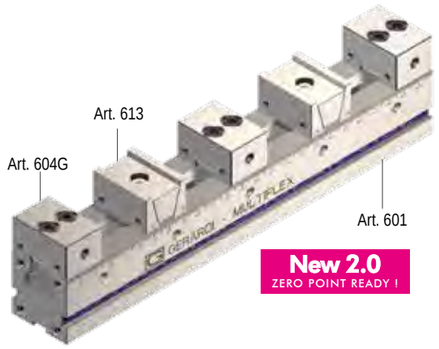
Art.	Pag.	Art.	Pag.
601	6.30	605G3	6.35
604C	6.35	605H	6.35
604T	6.32	605M	6.35
605B	6.35	608	6.32
605BT	6.36	609A	6.36
605C	6.35	609	6.16
605D		609B	6.36
605E		609AT	6.36
605F		609BT	6.36
605G1		609T	6.16
605G2			

*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

Art.611

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



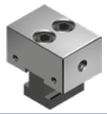
Per particolari in appoggio oppure sollevati con parallele
For workpieces on vise base or rised up with parallels

Tipo (grandezza) morsa / Vise type (size)	1				
kN	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 $^{0}_{-0,05}$	300	400	500	600	700
G $^{0}_{-0,02}$	50				
J	38				
J1	44 / 50				
I	10				
F	15				
W	49				
ØP	9				
Q $^{\pm 0,02}$	100 / 200	100 / 200	200	300	400
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

Art. 610C

Piastra ganascia liscia / Smooth jaw plate

Art. 610D

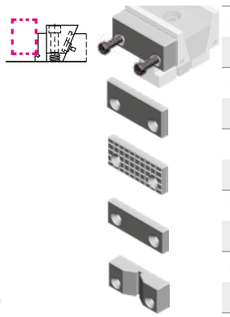
Piastra ganascia zigrinata / Serrated jaw plate

Art. 610E

Piastra ganascia parallela / Parallel jaw plate

Art. 610F

Piastra ganascia prismatica / Prismatic jaw plate

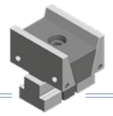


Cod. Art. 610B	6.61.0B100
Cod. Art. 610C	6.61.0C100
Cod. Art. 610D	6.61.0D100
Cod. Art. 610E	6.61.0E100
Cod. Art. 610F	6.61.0F100

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

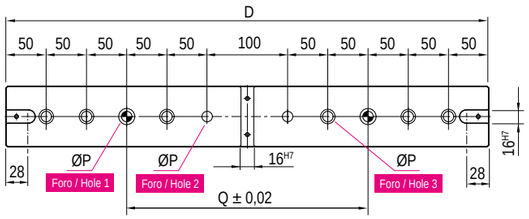
Dotazione standard:
- 4 arresti laterali Art. 370
- 1 coppia di tasselli di posizionamento per cava da 16 mm Art. 297
- 1 chiave a T Art. 376

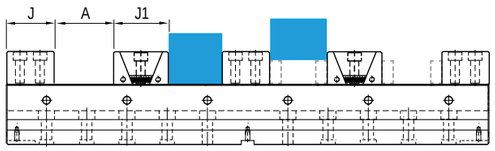
Extra per ogni foro aggiuntivo per Zero Point

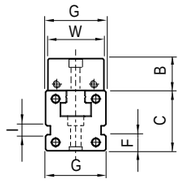
Art. 611

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 hole for Zero Point







Compatibilità con Zero Point
Compatibility with Zero Point

Fori per Zero Point Holes for Zero Point	Foro - Hole 1
Fori per fissaggio morsa Holes for vise clamping	Foro - Hole 2
	Foro - Hole 3

Vedi Pag - See Page 6.30

	2						3			
	30 kN						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 $^{0}_{-0,05}$	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			
F	20						20			
W	74						99			
ØP	13						17			
Q $^{\pm 0,02}$	200 / 300	200	300	400	400 / 500	300 / 400 / 500	400	400 / 500	400 / 500	400 / 500
kg	20,79	24,29	27,79	31,29	34,8	38,3	63	68,5	74	79,5
Cod. Art. 606	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 !

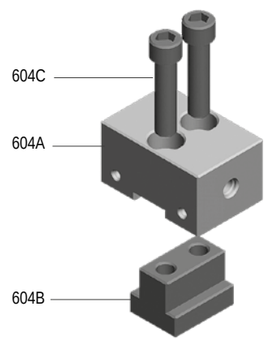
Cod.	6.60.4G200	6.60.4G300
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

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

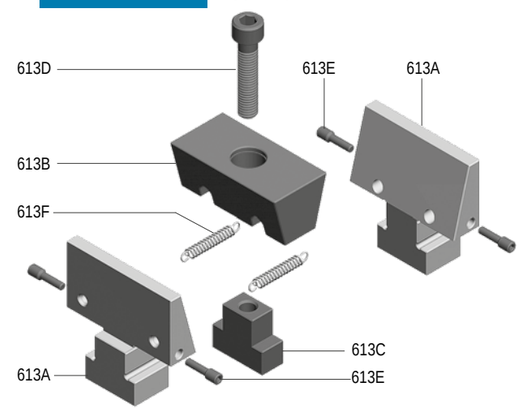
Art. 604G

GANASCIA FISSA
FIXED JAW



Art. 613

GANASCIA DOPPIA
DOUBLE JAW



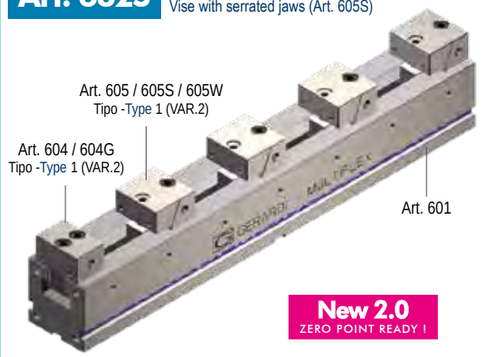
Art.	Pag.
601	6.30
604A	6.35
604B	6.35
604C	6.35
604G	6.32
613	6.34
613A	6.37
613B	6.37
613C	6.37
613D	6.37
613E	6.37
613F	6.37

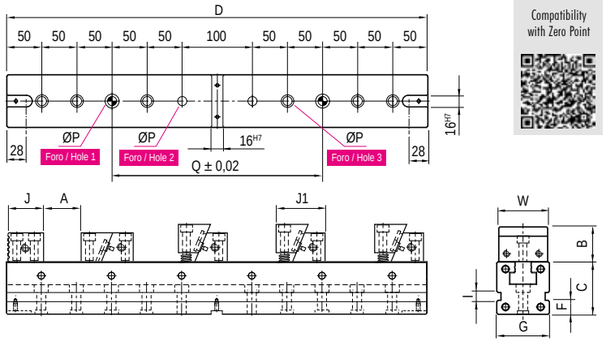
GANASCE TIPO 1 ⇨ BASE TIPO 2
JAWS TYPE 1 ⇨ BASE TYPE 2

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)





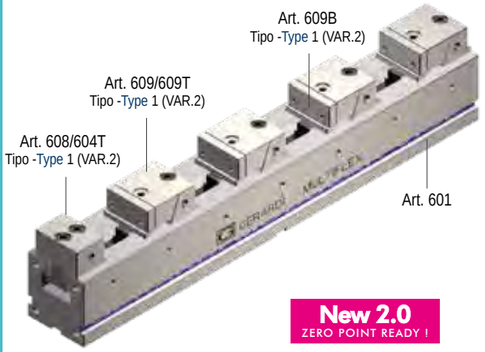
Compatibilità con Zero Point
Compatibility with Zero Point

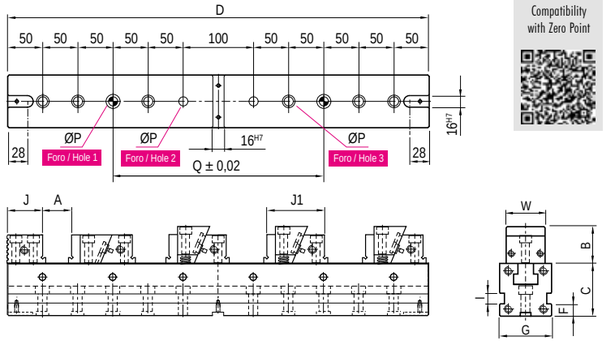
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

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

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)



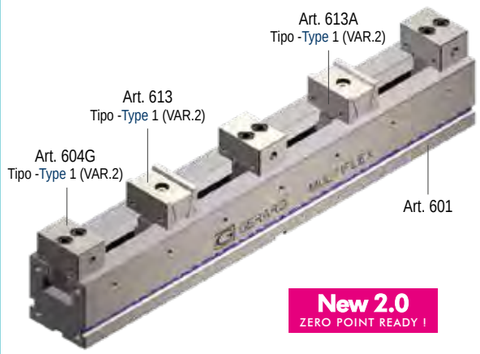


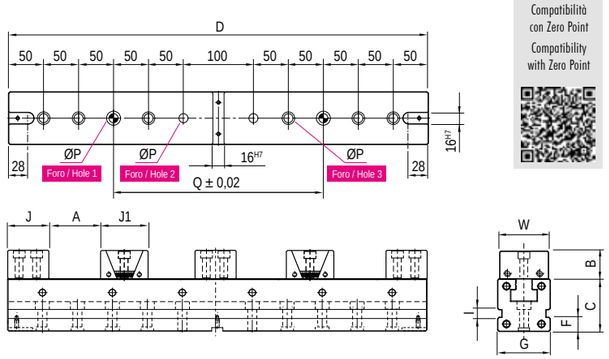
Compatibilità con Zero Point
Compatibility with Zero Point

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

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

Art. 692 Morsa con ganasce doppie (Art. 613)
Vise with double jaws (Art. 613)





Compatibilità con Zero Point
Compatibility with Zero Point

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

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

	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 0 -0,05	400	500	600	700	800	900
G 0 -0,02	75					
J	38					
J1	55 / 58					
I	11					
F	20					
W	49					
ØP	13					
Q ±0,02	200 / 300	200	300	400	400 / 500	300 / 400 / 500
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

Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

Kit trasformazione ganasce
Jaws trasformations 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 0 -0,02	75					
D 0 -0,05	400	500	600	700	800	900
G 0 -0,02	75					
J	38					
J1	65 / 68					
F	11					
F	20					
W	49					
ØP	13					
Q ±0,02	200 / 300	200	300	400	400 / 500	300 / 400 / 500
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

Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

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 0 -0,02	75					
D 0 -0,05	400	500	600	700	800	900
G 0 -0,02	75					
J	38					
J1	44 / 50					
I	11					
F	20					
W	49					
ØP	13					
Q ±0,02	200 / 300	200	300	400	400 / 500	300 / 400 / 500
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

Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

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

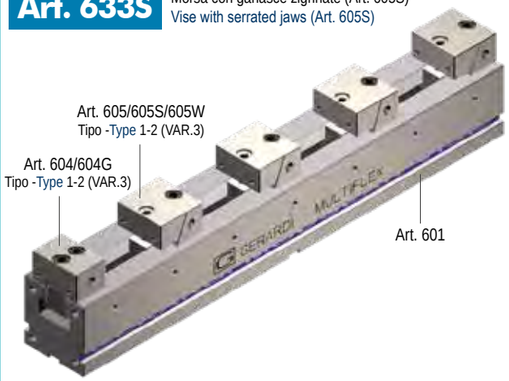
JAWS TYPE 1 or 2 ⇨ BASE TYPE 3

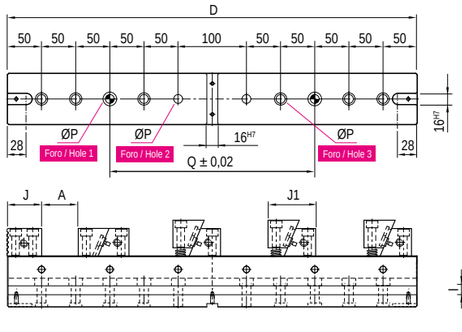
Art. 633 Morsa con ganasce lisce (Art. 605)
Vise with smooth jaws (Art. 605)

Art. 633S Morsa con ganasce zigrinate (Art. 605S)
Vise with serrated jaws (Art. 605S)

Art. 633W Morsa con ganascia mobile liscia e fissa zigrinata (Art. 605W)
Vise with smooth movable jaws and fixed serrated jaws (Art. 605W)

Compatibilità con Zero Point
Compatibility with Zero Point





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

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

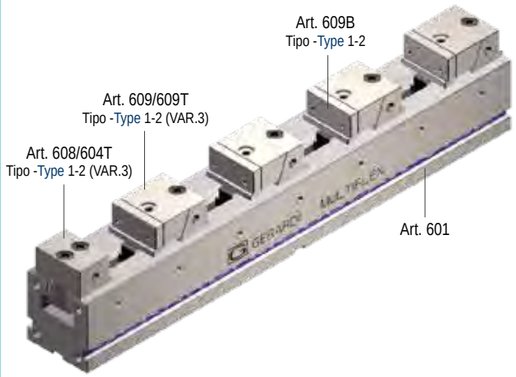
	1 20 kN				2 30 kN			
A	4 x 109,5	4 x 134,5	4 x 159,5	4 x 184,5	4 x 90,5	4 x 115,5	4 x 140,5	4 x 165,5
B	32 / 25				40			
C 0 -0,02	100				100			
D 0 -0,05	700	800	900	1000	700	800	900	1000
G 0 -0,02	100				100			
J	38				50			
J1	55 / 58				70 / 25			
I	12				12			
F	20				20			
W	49				74			
ØP	17				17			
Q ±0,02	400	400 / 500	400 / 500	400 / 500	400	400 / 500	400 / 500	400 / 500
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

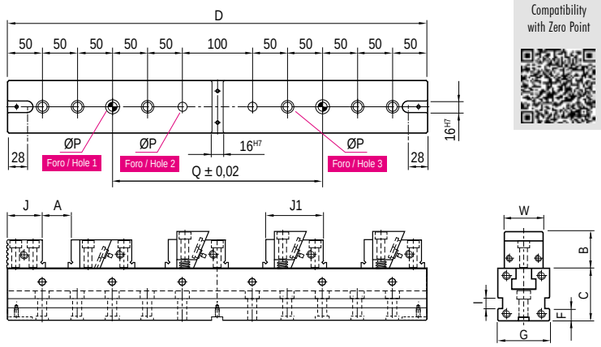
Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

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)

Compatibilità con Zero Point
Compatibility with Zero Point





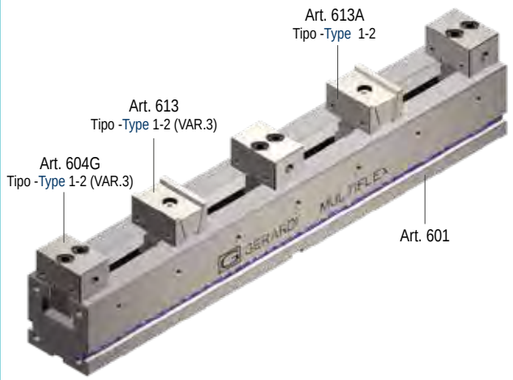
Per particolari sollevati per forature passanti
Rised workpieces for drill through holes

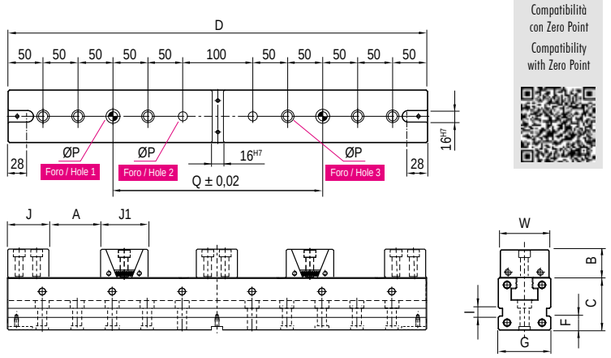
Specificare quota W in fase d'ordine - To be specify the W quote in case of order

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 0 -0,02	100				100			
D 0 -0,05	700	800	900	1000	700	800	900	1000
G 0 -0,02	100				100			
J	38				50			
J1	65 / 68				83 / 88			
I	12				12			
F	20				20			
W	49				74			
ØP	17				17			
Q ±0,02	400	400 / 500	400 / 500	400 / 500	400	400 / 500	400 / 500	400 / 500
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

Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

Art. 693 Morsa con ganasce doppie (Art. 613)
Vise with double jaws (Art. 613)





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

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

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 0 -0,02	100				100			
D 0 -0,05	700	800	900	1000	700	800	900	1000
G 0 -0,02	100				100			
J	38				50			
J1	44 / 50				52 / 58			
I	12				12			
F	20				20			
W	49				74			
ØP	17				17			
Q ±0,02	400	400 / 500	400 / 500	400 / 500	400	400 / 500	400 / 500	400 / 500
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

Extra per ogni foro aggiunto per Zero Point — Extra charge for each hole for Zero Point

Kit trasformazione ganasce
Jaws trasformations 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

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

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 da16mm 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

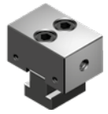
Per particolari in appoggio sulla base
For workpieces clamped directly on vise base

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 zigrinata)
Fixed jaw (1 side smooth, 1 side serrated)

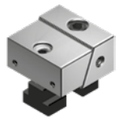


Cod.	6.60.41000

* Arresto laterale a richiesta - Workstop on request

Art. 605*

Ganascia mobile e fissa liscia
Fixed and movable smooth jaws



Art. 605S*

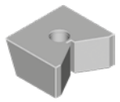
Ganascia mobile e fissa zigrinata
Fixed and movable serrated jaws

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

* Arresto laterale a richiesta - Workstop on request

Art. 605L

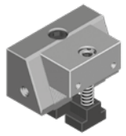
Cuneo di spinta a "V"
"V" clamping wedge



Cod.	6.60.5L100

Art. 615*

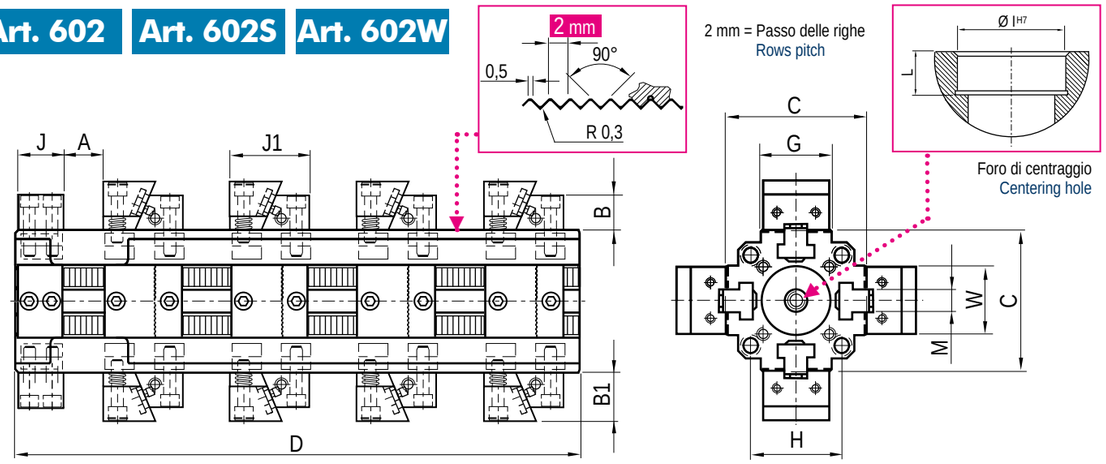
Ganascia con cuneo di posizionamento maggiorato
Jaw with bigger positioning wedge
(increased with respect to standard dimensions)



Cod.	6.61.51000

* Arresto laterale a richiesta - Workstop on request

Art. 602 Art. 602S Art. 602W



	2 – 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

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 da16mm 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

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

Tipo (grandezza) morsa / Vise type (size)	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 l 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

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

Art. 610C
Piastra ganascia liscia / Smooth jaw plate

Art. 610D
Piastra ganascia zigrinata / Serrated jaw plate

Art. 610E
Piastra ganascia parallela / Parallel jaw plate

Art. 610F
Piastra ganascia prismatica / Prismatic jaw plate

Cod. Art. 610B	6.61.0B100
Cod. Art. 610C	6.61.0C100
Cod. Art. 610D	6.61.0D100
Cod. Art. 610E	6.61.0E100
Cod. Art. 610F	6.61.0F100

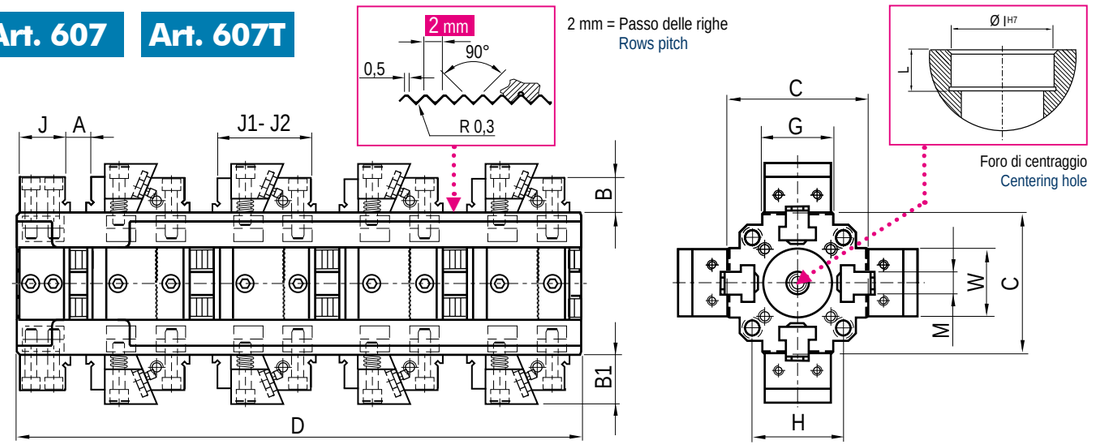
Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.36 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.36

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								3			
	30 kN								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 l 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 !

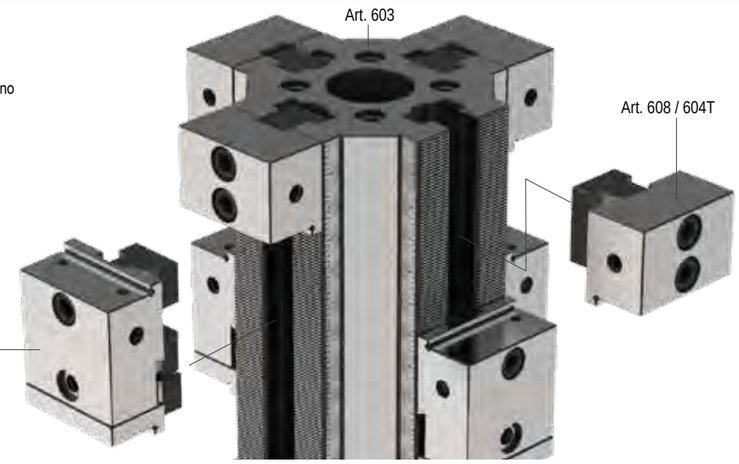
Cod.	6.60.92000	6.60.93000
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

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

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



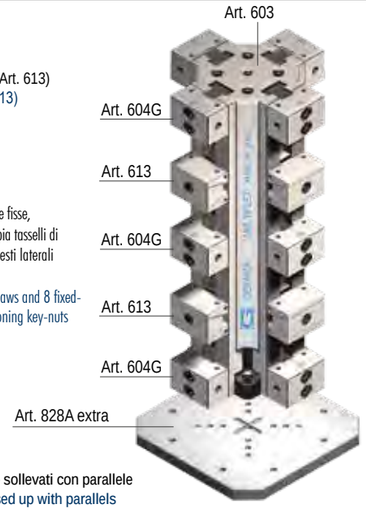
Art.	Pag.
603	6.31
608	6.32
609	6.33

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 da16mm 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



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

Tipo (grandezza) morsa / Vise type (size)	1				
kN	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 l^{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

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 604G*

Ganascia fissa liscia da entrambi i lati
Fixed smooth jawsboth sides

Cod.	6.60.4G100

* Arresto laterale a richiesta - Workstop on request

Art. 610B

Piastra ganascia lavorabile / Soft jaw plate

Art. 610C

Piastra ganascia liscia / Smooth jaw plate

Art. 610D

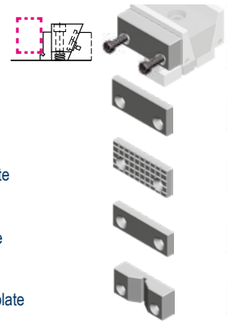
Piastra ganascia zigrinata / Serrated jaw plate

Art. 610E

Piastra ganascia parallela / Parallel jaw plate

Art. 610F

Piastra ganascia prismatica / Prismatic jaw plate

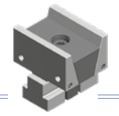


Cod. Art. 610B	6.61.0B100
Cod. Art. 610C	6.61.0C100
Cod. Art. 610D	6.61.0D100
Cod. Art. 610E	6.61.0E100
Cod. Art. 610F	6.61.0F100

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

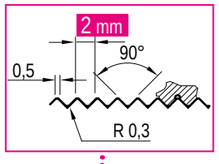
Art. 613

Ganascia mobile doppia di spinta
Double clamping movable jaws

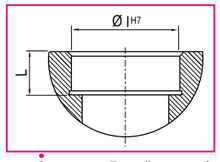


Cod.	6.61.31000

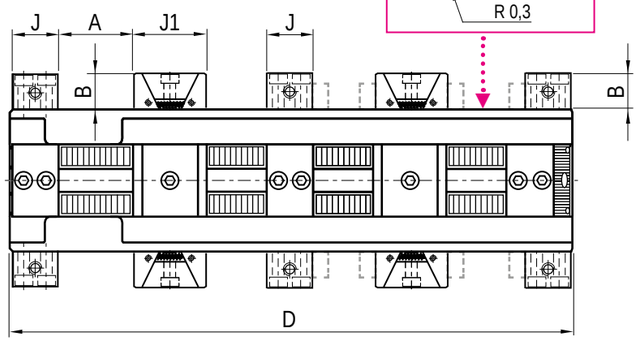
Art. 612

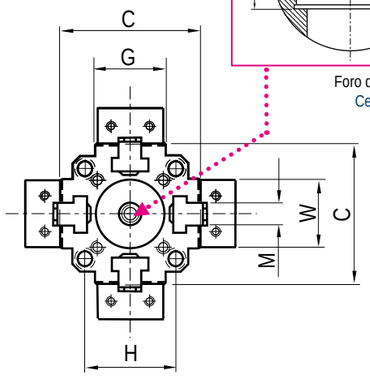


2 mm = Passo delle righe
Rows pitch



Foro di centraggio
Centering hole





	2								3			
	30 kN								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 l^{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 !

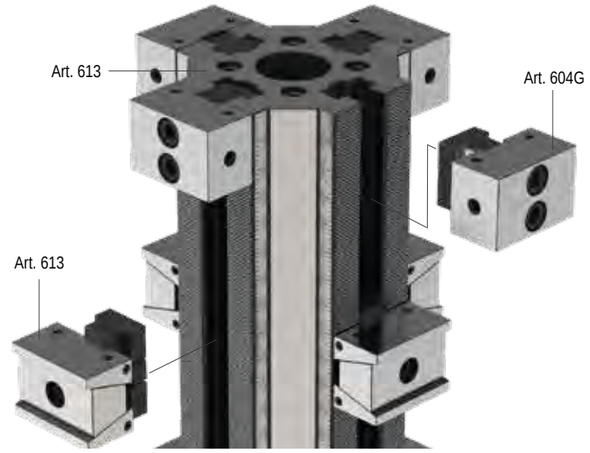
Cod.	6.60.4G200	6.60.4G300
Cod. Art. 610B	6.61.0B200	6.61.0B300
Cod. Art. 610C	6.61.0C200	6.61.0C300
Cod. Art. 610D	6.61.0D200	6.61.0D300
Cod. Art. 610E	6.61.0E200	6.61.0E300
Cod. Art. 610F	6.61.0F200	6.61.0F300

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

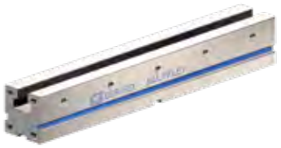


Art.	Pag.
603	6.31
604G	6.32
613	6.34

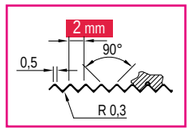
Art. 601

New 2.0
ZERO POINT READY !

Corpo base morsa
Vise base body



Tipo (grandezza) / Type (size)	1					2						3			
A	34 (M8)					50 (M10)						70 (M10)			
A1	34 (M8)					54 (M10)						70 (M10)			
B	8 (M8)					12,5 (M10)						15 (M10)			
B1	8 (M8)					10,5 (M10)						15 (M10)			
C 0 -0,02	50					75						100			
D 0 -0,05	300	400	500	600	700	400	500	600	700	800	900	700	800	900	1000
E	37,5					55						75			
F	15					20						20			
G 0 -0,02	50					75						100			
I	10					11						12			
L 0,025 0,005	14					22						30			
Ø P	9					13						17			
Q ±0.02	100/200	100/200	200	300	400	200/300	200	300	400	400/500	300/400/500	400	400/500	400/500	400/500
ØT H7	14					20						20			
ØU	12					18						-			
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

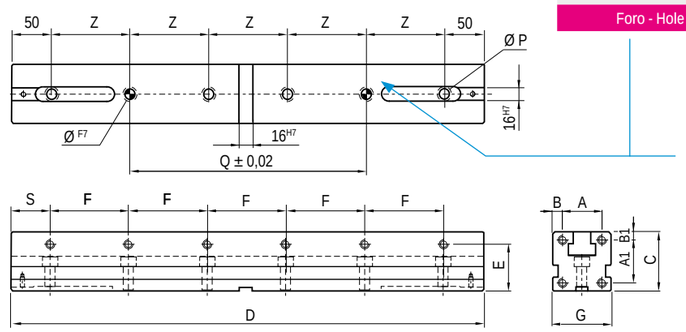


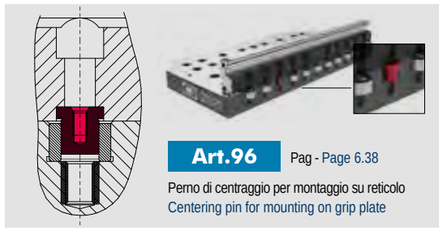
2 mm = Passo delle righe - Rows pitch

Fori per Zero Point - Holes for Zero Point | Fori per fissaggio morsa - Holes for vise clamping

Foro - Hole 1 | Foro - Hole 2 | Foro - Hole 3

Modificabili per Zero Point
Adaptable for Zero Point





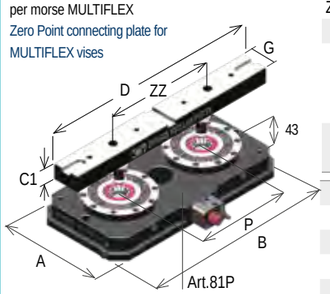
Art.96 Pag - Page 6.38
Perno di centraggio per montaggio su reticolo
Centering pin for mounting on grip plate

Tipo (grandezza) / Type (size)	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
B	400		500	600		400	500	600		800		600	800		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

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

NEW 2021

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

Art. 603

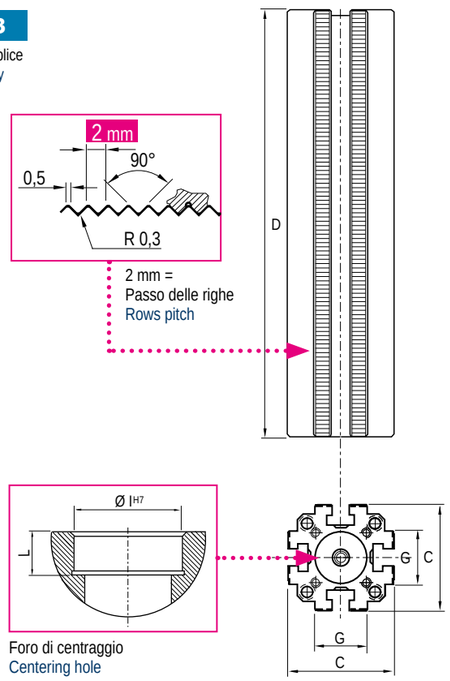
Corpo base cubo
Cube base body

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

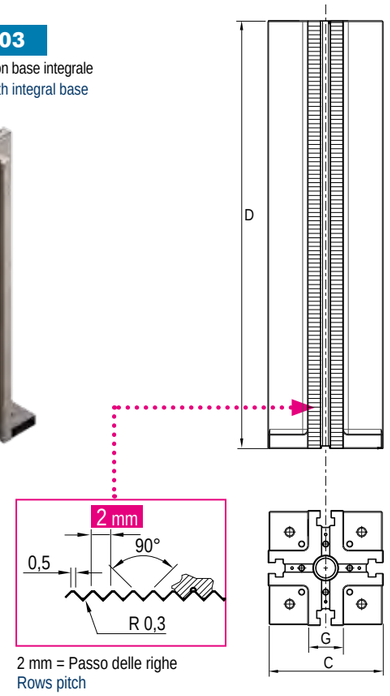
Corpo cubo semplice
Simple cube body



Foro di centraggio
Centering hole

Art. 603

Corpo cubo con base integrale
Cube body with integral base



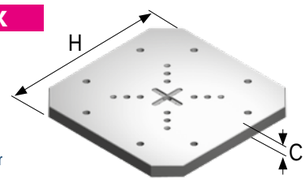
2 mm = Passo delle righe
Rows pitch

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

	1	2	3
kg	0,4	1,35	3,84
Cod.	6.60.41000	6.60.42000	6.60.43000

* Arresto laterale a richiesta - Workstop on request

Art. 604G*

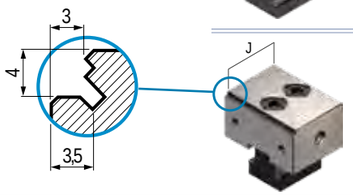
Ganascia fissa liscia da entrambi i lati, per morsa Art. 611 e cubi Art. 612
Fixed smooth jaw both sides, for vise Art. 611 and cubes Art. 612

	1	2	3
kg	0,5	1,40	3,90
Cod.	6.60.4G100	6.60.4G200	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



	1	2	3
J	38	50	70
Cod.	6.60.4T100	6.60.4T200	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

	1	2	3
J	38	50	70
kg	0.45	1.4	4
Cod.	6.60.81000	6.60.82000	6.60.83000

* Arresto laterale a richiesta - Workstop on request

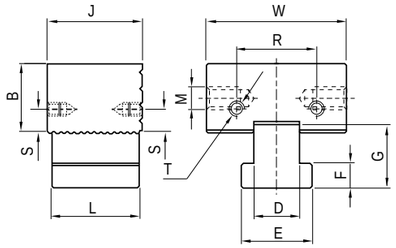
Art. 614T*

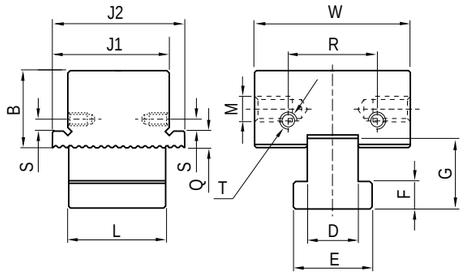
Ganascia fissa con doppio gradino
Fixed jaw with double step

	1	2	3
Cod.	6.61.4T100	6.61.4T200	6.61.4T300

* Arresto laterale a richiesta - Workstop on request

Art. 604 **Art. 608** **Art. 614T**





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)	1	2	3

Art. 605*

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

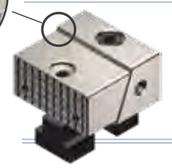
Ganascia discendente guidata / Sistema a pettine (Particolare)
Guided pull down jaw / Comb system (Detail)

	1	2	3
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



	1	2	3
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

	1	2	3
Cod.	6.60.5W100	6.60.5W200	6.60.5W300

* Arresto laterale a richiesta - Workstop on request

Art. 609*

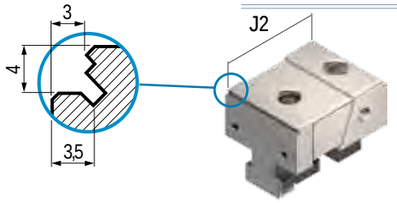
Ganascia fissa e mobile con gradino per morsa Art. 606
Fixed and moving jaw with step for vise Art. 606

	1	2	3
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*

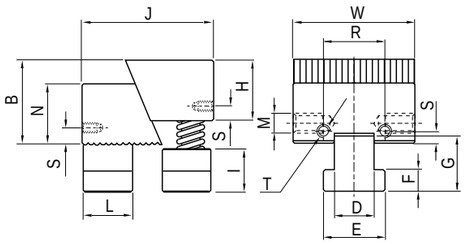
Ganascia fissa e mobile GRIP per morsa Art. 606T
Fixed and moving GRIP jaw for vise Art. 606T



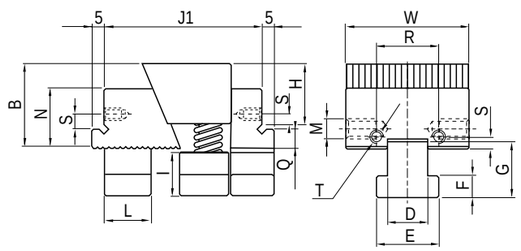
	1	2	3
Cod.	6.60.9T100	6.60.9T200	6.60.9T300

* 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
kg	0.5	1.4	4.3
Cod.	6.61.31000	6.61.32000	6.61.33000

Art. 613

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

Art. 615*

NEW

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

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)

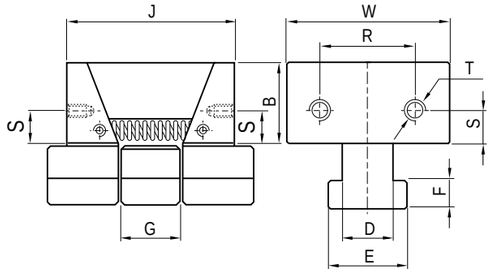
Art. 615W*

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

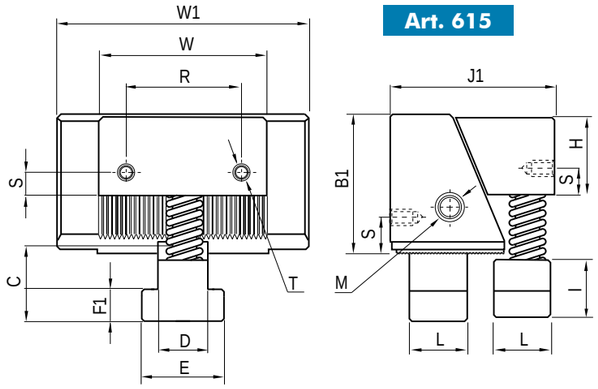
Cod.Art.615	6.61.51000	6.61.52000	6.61.53000
Cod.Art.615S	6.61.5S100	6.61.5S200	6.61.5S300
Cod.Art.615W	6.61.5W100	6.61.5W200	6.61.5W300

* Arresto laterale a richiesta Workstop on request

Art. 613

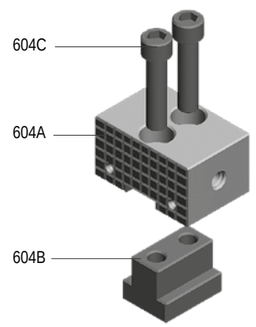


Art. 615



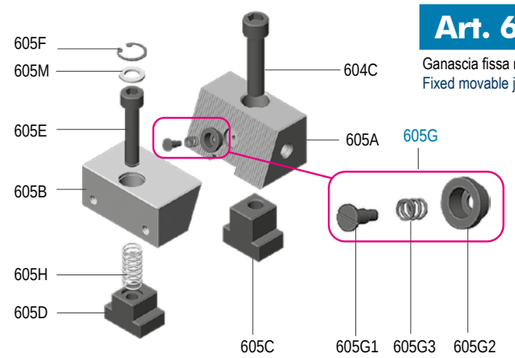
Art.	1	2	3
W	49	74	99
W1	64	110	150
B	25	40	60
B1	45	60	75
C	21	33	46
D	14	22	30
E	22	35	48
F	9	15	21
F1	8	14	21
G	13	15	25
H	25	34	50
I	18	26	40
J	44 / 50	52 / 58	84 / 90
J1	54 / 58	73 / 79	94.5 / 98.5
L	22	25	35
M	M10	M10	M10
N	45	60	75
R	30	50	50
S	7	10	10
T	M5	M6	M6

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

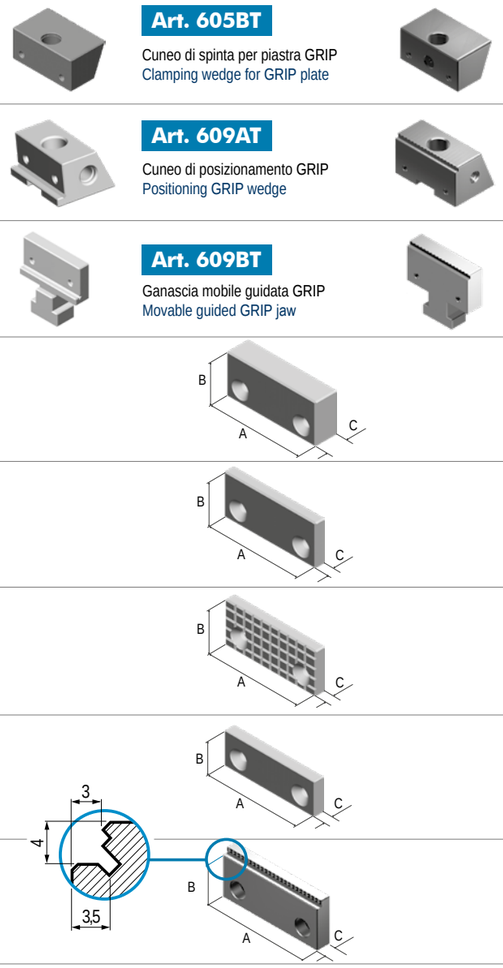
Ganascia fissa
(1 lato liscia, 1 lato zigrinata)
per morsa Art. 600 e 602
Fixed jaw
(1 side smooth, 1 side serrated)
for vise Art. 600 and 602



Art. 605

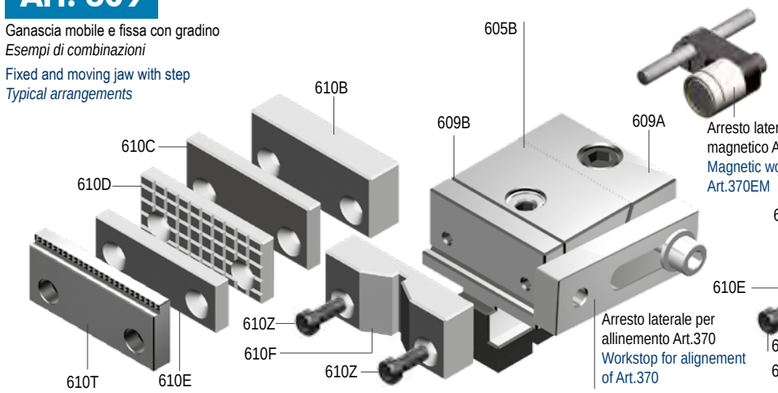
Ganascia fissa mobile
Fixed movable jaw

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 ganacia 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



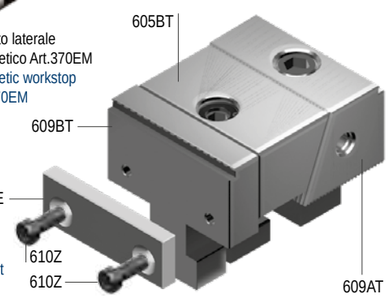
Art. 609

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



Art. 609T

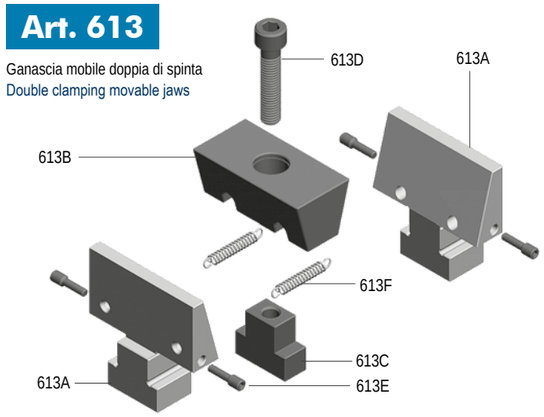
Ganascia fissa e mobile GRIP
Fixed and movable GRIP jaw



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 socked 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

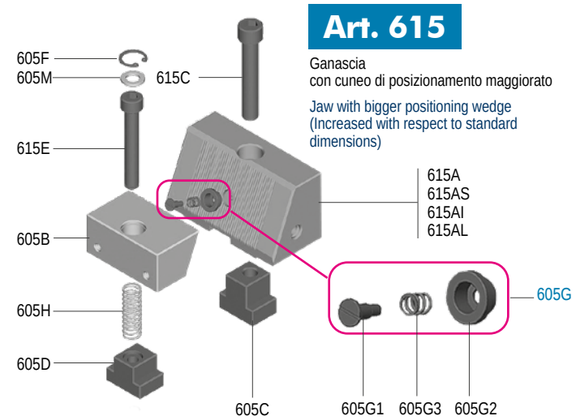
Art. 613

Ganascia mobile doppia di spinta
Double clamping movable jaws



Art. 615

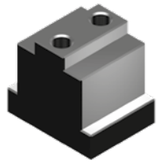
Ganascia
con cuneo di posizionamento maggiorato
Jaw with bigger positioning wedge
(Increased with respect to standard dimensions)

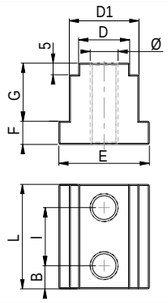


DADI A "T" PER TRASFORMAZIONI
"T" NUTS FOR TRANSFORMATIONS

Art. 604B

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

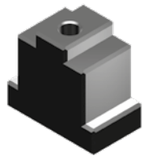


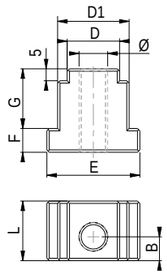


Tipo (grandezza) / Type (size) — Base / Base, Ganascia / Jaw	Tipo - Type 2, Tipo - Type 1	Tipo - Type 3, Tipo - Type 1	Tipo - Type 3, Tipo - Type 2
B	6	6	10
D	14	14	22
D1	22	30	30
E	34	39	39
F	14	14	14
G	19	25	25
I	18	18	25
L	30	30	45
Ø	M8	M8	M12
Cod	6.60.4B100/2	6.60.4B100/3	6.60.4B200/3
€	14	15	18

Art. 605C

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

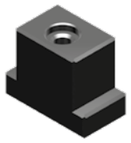


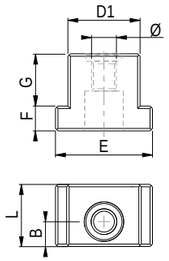


B	9	9	10
D	14	14	22
D1	22	30	30
E	34	39	39
F	14	14	14
G	19	25	25
I	-	-	-
L	22	22	25
Ø	M8	M8	M12
Cod	6.60.5C100/2	6.60.5C100/3	6.60.5C200/3
€	12	12	18

Art. 605D

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



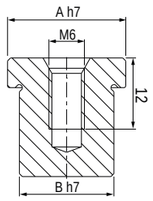


B	9	9	10
D	-	-	-
D1	21	29	29
E	34	39	39
F	14	14	14
G	15	21	21
I	-	-	-
L	21	21	25
Ø	M8	M8	M10
Cod	6.60.5D100/2	6.60.5D100/3	6.60.5D200/3
€	12	13	15

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

Multiflex 2.0 — ZERO POINT READY !
Art. 96

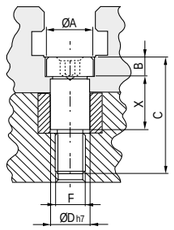
Perno di centraggio per montaggio morse Multiflex 2.0 su reticolo
Centering pin for mounting Multiflex 2.0 viseson grip plate



ØA	14		20	
ØB	10	16	16	
Cod	C96141015-601	C96141615-601	C96141615-601	C96201615-601
€	26	26	26	26

Art. 81

Vite calibrata a colletto
per morse Multiflex (Non versione 2.0)
Shoulder calibrated screw
for Multiflex vises (Not for 2.0 issue)



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	8.83.B1640	8.83.16500
€	12	13	14

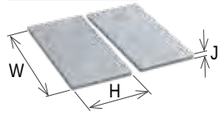
N.B: Per avere altre lunghezze consultare Pag.11.15 - For other lenghts see Page.11.15

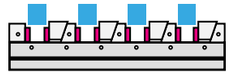
LUNGHEZZA VITI CALIBRATE A COLLETTO PER SOLUZIONI A RETICOLO
SHOULDER CALIBRATED SCREW LENGHTS FOR GRID SOLUTIONS

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

Art. 616

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

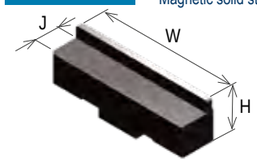


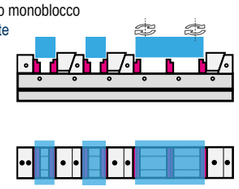


J	2,7	2,7	2,7
W	49	74	99
H	20	35	55
Cod.	6.61.6100C	6.61.6200C	6.61.6300C

Art. 617

Piastra magnetica a gradino monoblocco
Magnetic solid step jaw plate

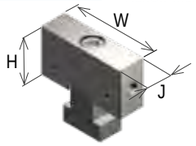


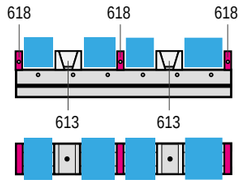


J	12	17	22
W	49	74	99
H	20	35	55
Cod.	6.61.71020	6.61.72035	6.61.73055

Art. 618

Ganascia fissa ridotta
Narrow width fixed jaw



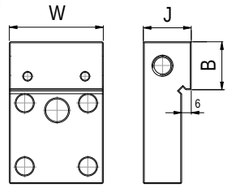


J	18	22	29
W	49	74	99
H	25	40	60
Cod.	6.61.81000	6.61.82000	6.61.83000

Art. 604R

Ganascia fissa di partenza
Fixed start jaw

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



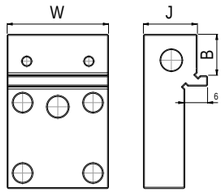
PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY

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

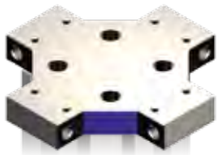


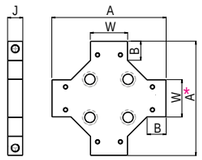
PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY

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

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

Cod.	6.79.R1000
€	20

Art. 297 R

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

Cod.	6.29.7R100
€	16

Art. 370EM

Arresto laterale magnetico
Magnetic workstop

Cod.	7.37.02000/EM
€	66

Art. 376

Chiave a T
T wrench

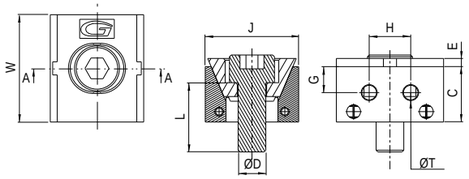
CH	6	8	10	14	16
Cod.	0.09.23600	0.09.24800	0.09.25100	0.09.27140	0.09.28160
€	15	16	18	20	21

SERRAGGIO A CUNEO DISCENDENTE
JAWS WEDGE CLAMP

NEW 2021

Art.723A

Ganascia liscia
con fori filettati
Smooth jaw with holes

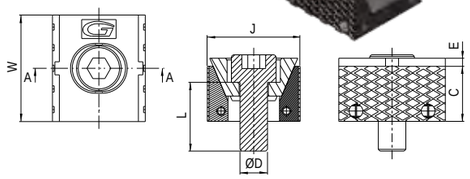


Tipo (grandezza) / Type (size) kN	1 15	2 30	3 60
W	31	42	58
C	16	23	30
ØD	M8	M12	M16
E	2	3,5	4
G	7,5	11,5	15
H	12	18	26
J	27 ÷ 32	42 ÷ 49	57 ÷ 66
L	20	30	35
ØT	M5	M5	M5
Cod.	6.72.3A100	6.72.3A200	6.72.3A300

Acciaio Temprato - Hardened Steel

Art.723B

Ganascia zigrinata
Serrated jaw

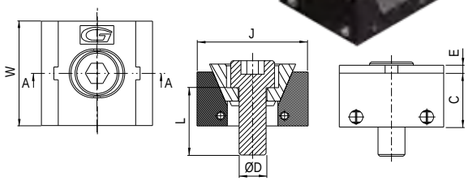


Tipo (grandezza) / Type (size) kN	1 15	2 30	3 60
W	31	42	58
C	16	23	30
ØD	M8	M12	M16
E	2	3,5	4
J	27 ÷ 32	42 ÷ 49	57 ÷ 66
L	20	30	35
ØT			
Cod.	6.72.3B100	6.72.3B200	6.72.3B300

Acciaio Temprato - Hardened Steel

Art.723C

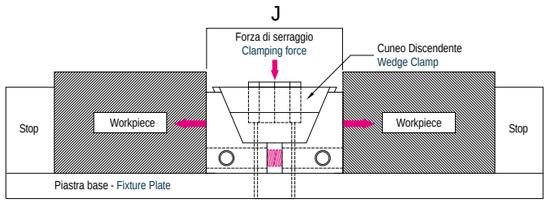
Ganascia lavorabile
Machineable jaw



Tipo (grandezza) / Type (size) kN	1 15	2 30	3 60
W	31	42	58
C	16	23	30
ØD	Ø56	Ø56	Ø76
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

Grazie alla vite di serrggio viene premuto il cuneo verso il basso generando un 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

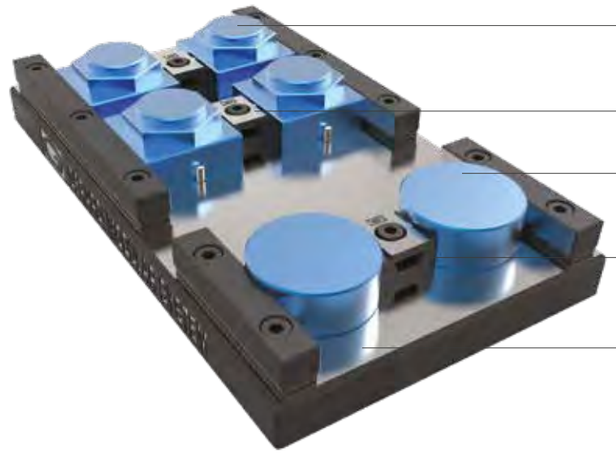
Il nuovo design migliorato e brevettato con molla inferiore assicura una maggiore forza di serraggio verso il basso.
Improved patented design with bottom spring ensures downart clamping force

SERRAGGIO A CUNEO DISCENDENTE
JAWS WEDGE CLAMP

NEW 2021

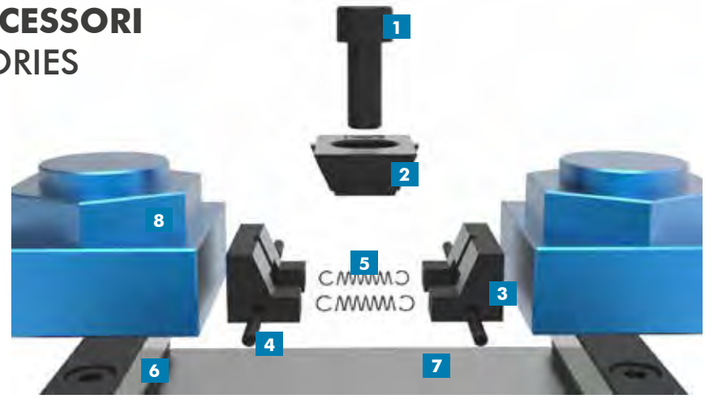
Se il tuo pezzo è adatto per il serraggio con i moduli di serraggio a cuneo discendente Gerardi, il nostro team è in grado di progettare e produrre un'attrezzatura di serraggio multiplo come quello mostrato in figura. Mandateci le vostre richieste con le specifiche del pezzo o della tavola macchina del 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
2 **CUNEO DI SPINTA** WEDGE CLAMP
3 **GANASCE MOBILI** MOVABLE JAW
4 **GRANI** GRAIN
5 **MOLLE** SPRINGS
6 **ARRESTI LATERALI** WORKSTOPS
7 **PIASTRA BASE** BASE PLATE
8 **PEZZI DA LAVORARE** WORKPIECES



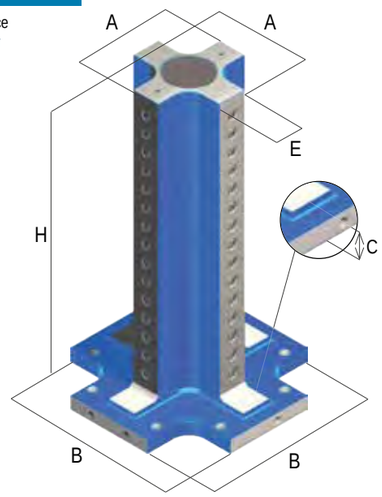
ESEMPI APPLICATIVI
BESPOKEN APPLICATION'S EXAMPLES

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 èmontato 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.

Art. 57F

Cubo a croce
Cross tower



Dimensioni - Dimensions	A	B	C	E	H	kg	Art. 57F 40 Cod.		Art. 57F 50 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	
	1000	1250	40	600	900	1554	8.57.F40250		8.57.F00250	

Art. 57F 40

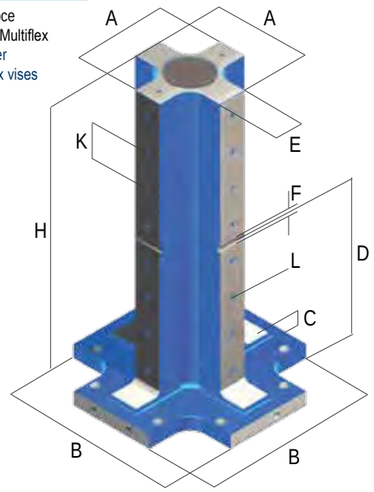
Croce a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox. Tolleranza ± 0,02 mm
- Interasse reticolo 40 mm = Ø 12 / M10
- Interasse reticolo 50 mm = Ø 16 / M12

Art. 57F 50

Crosscube grid type with hardened bushing 100Cr6 and inox steel helicoils. Tolerance ± 0,02 mm
- Grid pitch 40 mm = Ø 12 / M10
- Grid pitch 50 mm = Ø 16 / M12

Art. 57G

Cubo a croce
per morse Multiflex
Cross tower
for Multiflex vises



Dimensioni - Dimensions	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

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

Cod. 6.29.7R100

Diagrammi di serraggio / *Clamping diagrams*

MULTIFLEX

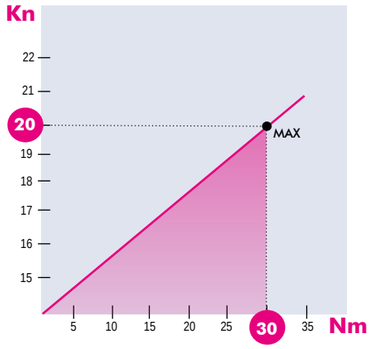
Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench

Art. 357

Morse tipo / *Vises type* 1

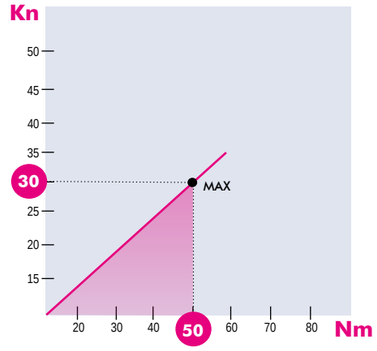
Cuneo di spinta:
Momento massimo applicato 40Nm
Clamping wedge: **Torque 40Nm**



Art. 357

Morse tipo / *Vises type* 2

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

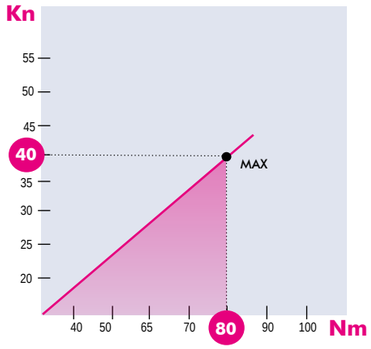


Gruppi di serraggio meccanici / *Mechanical clamping device*

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

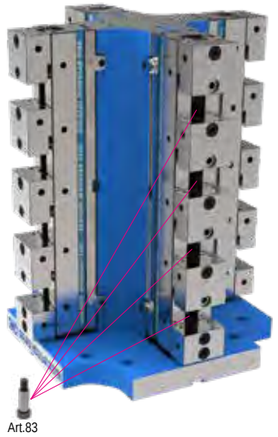
Cuneo di spinta:
Momento massimo applicato 150Nm
Clamping wedge: **Torque 150Nm**



Art. 357

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

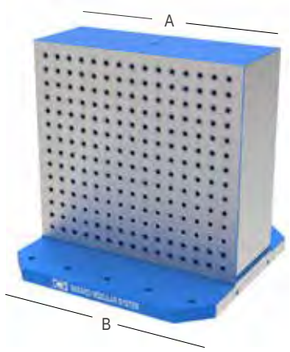
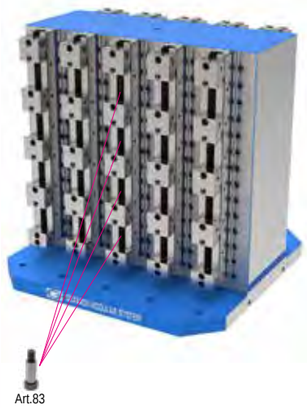
MONTAGGIO MORSE in VERTICALE su CUBO INTERFACCIATO
VISE VERTICAL MOUNTING on COMPLETELY INTERFACED TOMBSTONES

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 alignement.	

* 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 € 204
Certificate test € 204

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 tombsone 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 alignement.	

* 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.

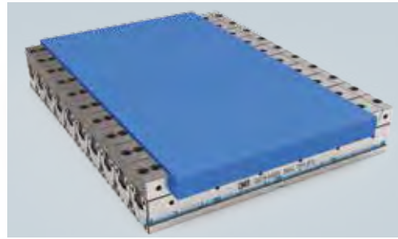
Certificato di collaudo € 204
Certificate test € 204

Soluzioni personalizzate / *Customized solutions*

MULTIFLEX

Soluzioni personalizzate a tutti i vostri problemi di serraggio

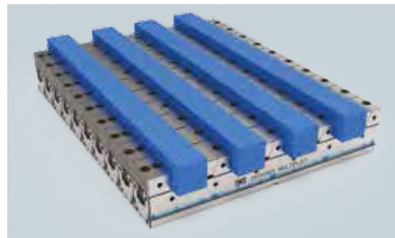
Customized solutions for all your clamping problems



Montaggio in parallelo
Parallel mounting

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

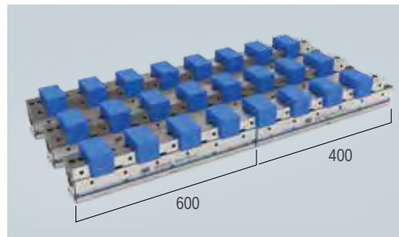
10 Multiflex vises parallel mounting for clamping a big size workpiece



Montaggio in parallelo
Parallel mounting

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

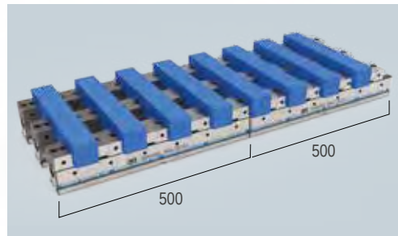
10 Multiflex vises parallel mounting for clamping a 4 big size workpieces



Montaggio in linea
In line mounting

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

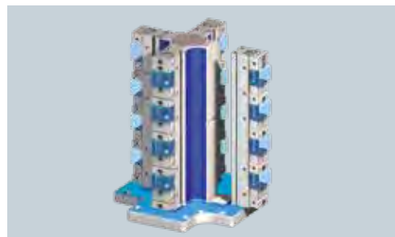
6 Multiflex vises in line mounting for clamping a 24 small workpieces



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



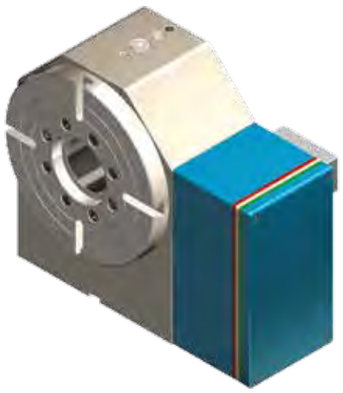
Cubo Morsa
Tombstone + vises

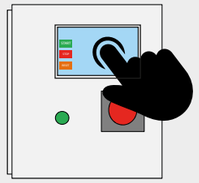
Cubo a croce Art.57G con vari tipi di morse Gerardi montate verticalmente

Crosscube Art.57G with varoius Gerardi vises vertically assembled

DIVISORE AUTOMATICO DPG 250
AUTOMATIC DIVIDING HEAD DPG 250

DPG 250





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

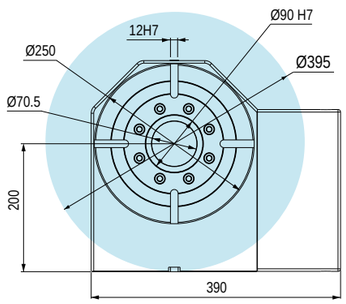
EASY AND INTUITIVE TOUCH SCREEN PROGRAMMING OR THROUGH DIRECT CONNECTION TO THE CNC

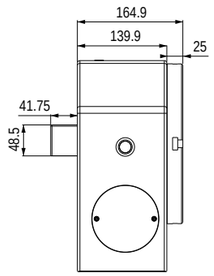
- Installazione semplice (alimentazione 220V)
- Corona in bronzo speciale
- Controsupporto semplice
- Vite senza fine in acciaio temprato e rettificato
- Vite e corona in bagno d'olio
- Cuscinetti a vite precaricati
- Cuscinetto anteriore a rulli incrociati sovradimensionato
- Recupero gioco con avvicinamento 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°

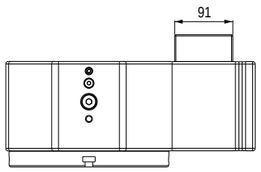
- Easy installation (220V)
- Special bronze crown
- Simple tailstock
- Worm screw in hardened ground steel
- Bath lubrication Screw and Crown
- Pre-loaded screw bearings
- Over-dimensioned crossed-roller front bearing
- Play recover with axial approach
- Watertight seal with possibility of pressurization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

Divisore automatico Automatic dividing head	**Dati tecnici** Technical Data		
	Diametro del divisore Dividing head diameter		250 mm
	Diametro del foro passante Cleareance hole diameter		70,5 mm
	Altezza punte Center height		200 mm
	Dimensione della scanalatura a T T-Slot width		12 mm
	Sistema di bloccaggio Clamping system		Idraulico 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		Kg.550
	Orizzontale Horizontal		Kg.1500
Max. carico di spinta applicabile sul divisore Max. allowable tool load on the dividing head			N 25000
			FxL Nm 1000
			FxL Nm 2200
Rapporti vite/corona Speed reduction ratio (screw/gear)	Verticale Vertical		10,5 Kg. m²
Coppia in lavoro Driving torque	Corona dentata Worm gear		698 Nm
Kg			110
Cod.			8.DP.G2500

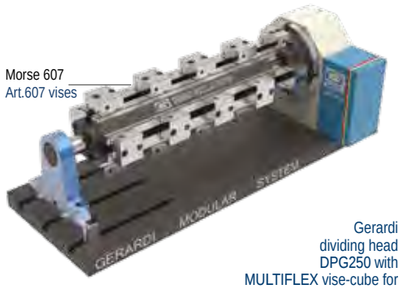
DPG 250







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



Morse 607
Art.607 vises

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

Tipo (grandezza) / Type (size)	**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 diviger, 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 alignement system

Cod.	6.99.B1000	6.99.B2000

Art. 99H

Distanziale per supporto
Spacer support

Cod.	6.99.H1000

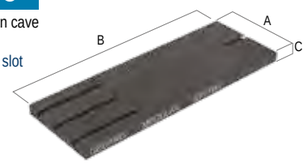
Art. 62K
DPG 250

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

Cod.	6.62.K603A8	6.62.K603A9

Art. 99S

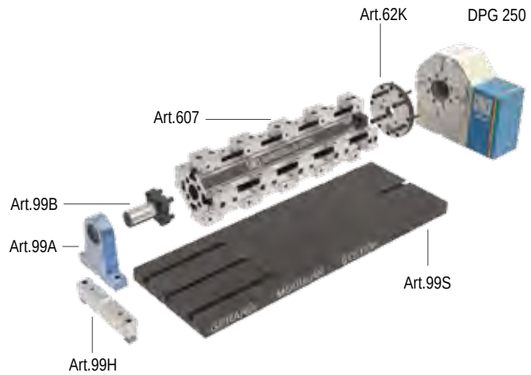
Piastra base con cave
Piani rettificati
Base plate with slot
Faces ground

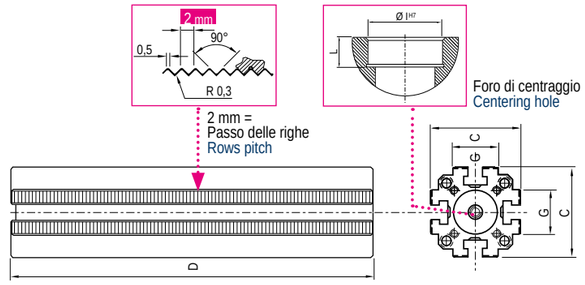


Cave o fori calibrati su richiesta
Slot or calibrated holes on request

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

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

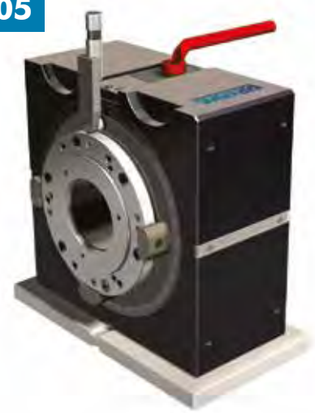




DIVISORE MECCANICO DIVIGER 205
MECHANICAL DIVIDING HEAD DIVIGER 205

Divisore automatico
Automatic dividing head

DIVIGER 205



Dati tecnici Technical Data	
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

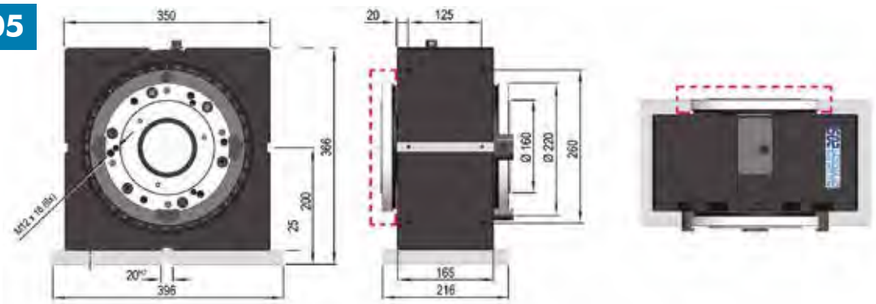
DIVISORE MECCANICO, SENZA CAVI O IDRAULICA, PERMACCHINE A CNC

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

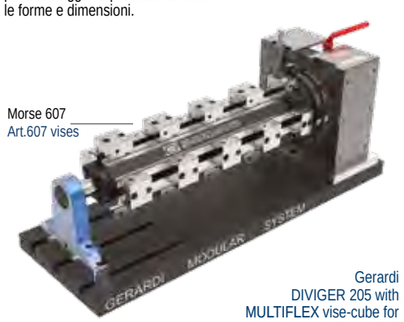
- Maggiore efficienza nella lavorazione su più lati
- Completamente autonomo dalla macchina
- Elevato momento torcente
- Divisione manuale o automatica tramite mandrino macchina
- 360 posizioni
- Serraggio simultaneo di due particolari grazie alla doppia flangia
- lavorazione su 5 facce senza contropunta
- 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 horizontaly or vertically
- Quick change through wedge clamping

DIVIGER 205



Divisore Gerardi DIVIGER 205 con cubo-morsa MULTIFLEX per il serraggio di particolar 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.

Tipo (grandezza) / Type (size)	**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.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 diviger, 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 alignement system

Cod.	6.99.B1000	6.99.B2000

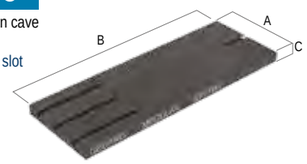
Art. 99H
Distanziale per supporto
Spacer support

Cod.	6.99.H1000

Art. 62K
DIVIGER 205
Piastra di interfaccia per cubo MULTIFLEX completa di sistema d'allineamento
Connecting plate with alignement system for MULTIFLEX

Cod.	6.62.K603A8	6.62.K603A9

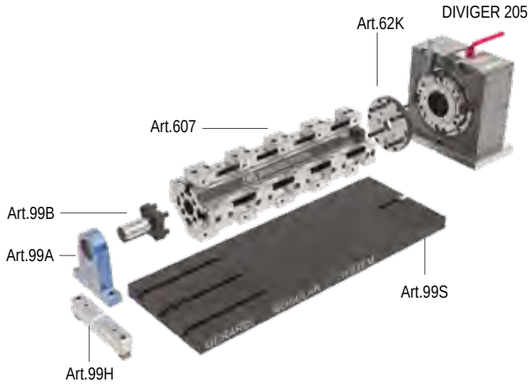
Art. 99S
Piastra base con cave
Piani rettificati
Base plate with slot
Faces ground

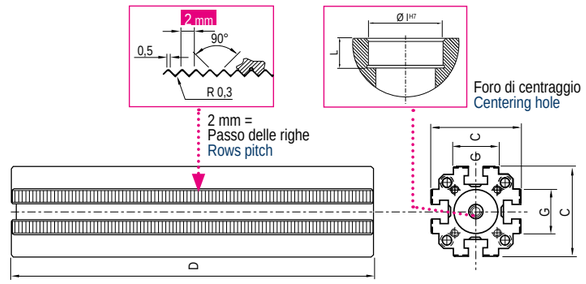


Cave o fori calibrati su richiesta
Slot or calibrated holes on request

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

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





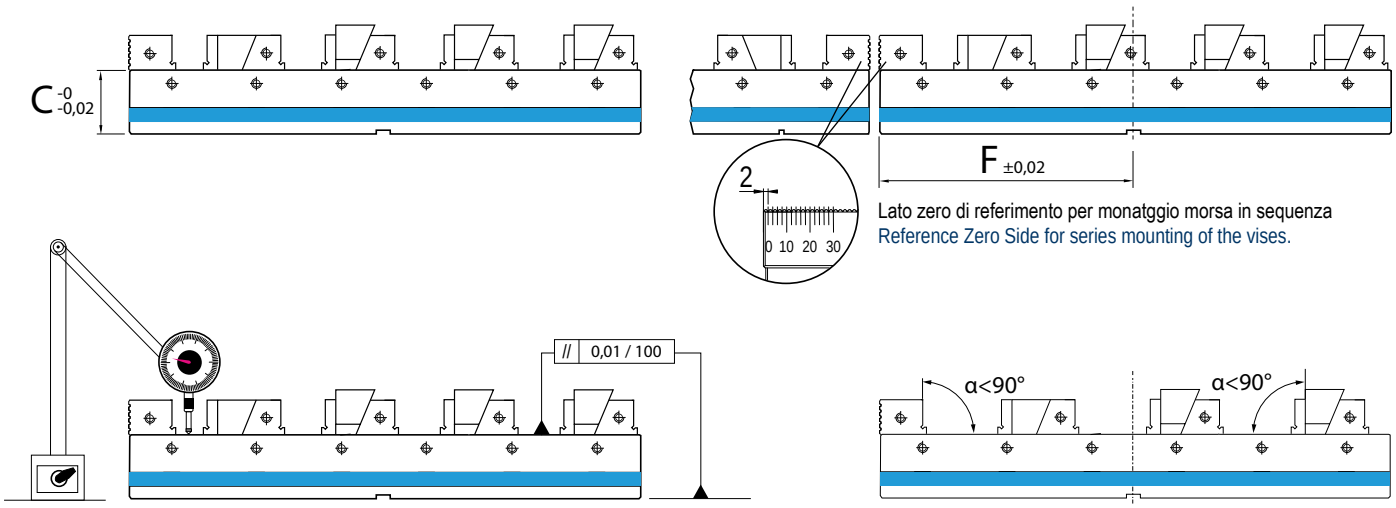
ISTRUZIONI PER UN CORRETTO UTILIZZO
ISTRUCTIONS FOR A PROPER USE

Libretto Istruzioni / Instruction Book

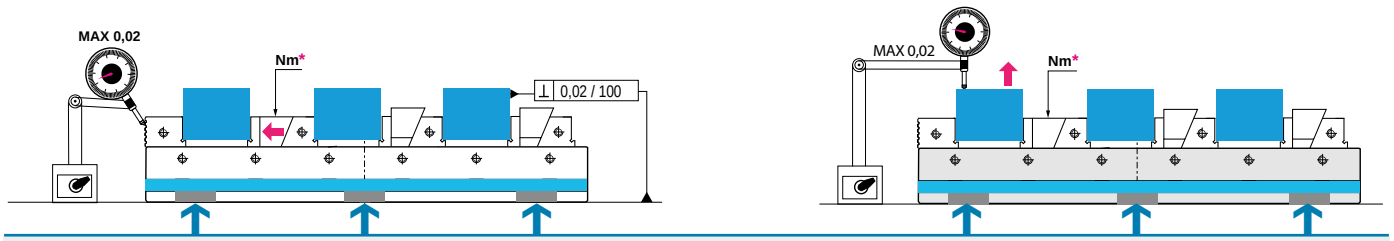
Scansiona il QR code e scarica le istruzioni complete

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