

6

*The most versatile vises!*

# **MULTIFLEX**

**Morse e Cubi / Vises & Vise Towers**

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# VALIGETTA DI CAMPIONATURA STD (Art.600)

## SAMPLE KIT CASE STD (Art.600)



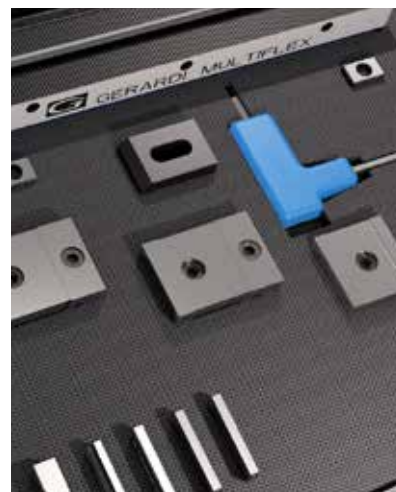
**Art. 984**

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

Cod. 0.98.40000


### All'Interno - Inside:

	Art.604		Art.610B		Art.297
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	Art.613		Art.610E		Art.375
	Art.615		Art.610F		Art.376
	Art.605L		Art.610T	-	-



## SIMBOLOGIA DATI TECNICI

## TECHNICAL DATA ICONS

<b>GANASCE</b> JAWS		Fissa Fixed		Mobile e fissa Fixed and movable		Mobile e fissa a gradino Fixed and movable with step		Mobile doppia Double movable
	<b>PIASTRE GANASCE</b> JAW PLATES				Piana Straight		GRIP integrale Integral GRIP	
<b>POSSIBILITÀ</b> POSSIBILITY			Predisposizione Zero Point Zero Point Ready		Cubi-morsa Vise tower		Divisore automatico Dividing head	
	<b>PAGINE</b> PAGES				Accessori & Ricambi Accessories & Spare Parts		Istruzioni corretto utilizzo Instruction for a proper use	

# Morse e cubi morsa / Vises & vise-towers

# MULTIFLEX SERIES



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



Durezza / Hardened  
**HRC 58 $\pm$ 2**

**Per serraggi multipli fino a 19 particolari di varie dimensioni**

*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  $\pm$  2 HRC. Tutto ciò al fine di conferire massima rigidità, elevate prestazioni e usura inesistente. A riprova di tutto ciò assicuriamo 5 ANNI DI GARANZIA su tutto il programma morse e organi meccanici in genere.

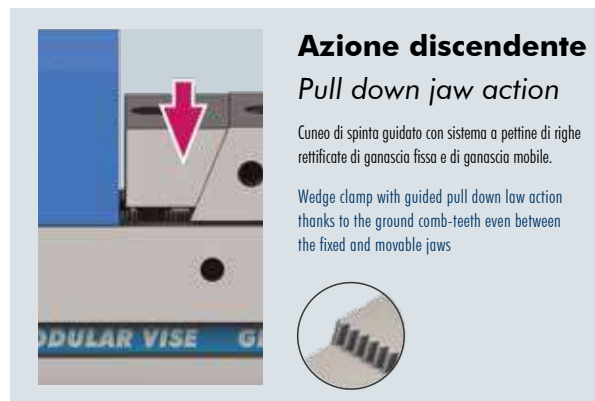
Thanks to the manufacturing with only the most suitable materials and to the structure of the vise components (developed using computer customised softwares and the experience gained during many years spent working on the specific field).

High alloyed quality resistance steel, case hardened HRC 60  $\pm$  2, is used in manufacturing all the Gerardi vises and accessories in order to give maximum rigidity, high performances and no wear. As evidence we give 5 YEARS WARRANTY on all the vises and mechanical components.

## TEMPI DI ATTREZZAZZO RIDOTTI REDUCED SET-UP TIMES

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

Quick and versatile jaws positioning very close to the workpiece.



### Azione discendente Pull down jaw action

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

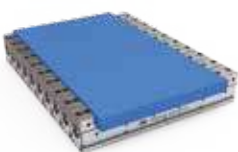
Wedge clamp with guided pull down low action thanks to the ground comb-teeth even between the fixed and movable jaws



## SERRAGGI ILLIMITATI / UNLIMITED CLAMPING

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

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



### Montaggio in parallelo Parallel mounting

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



### Montaggio in parallelo Parallel mounting

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



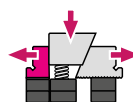
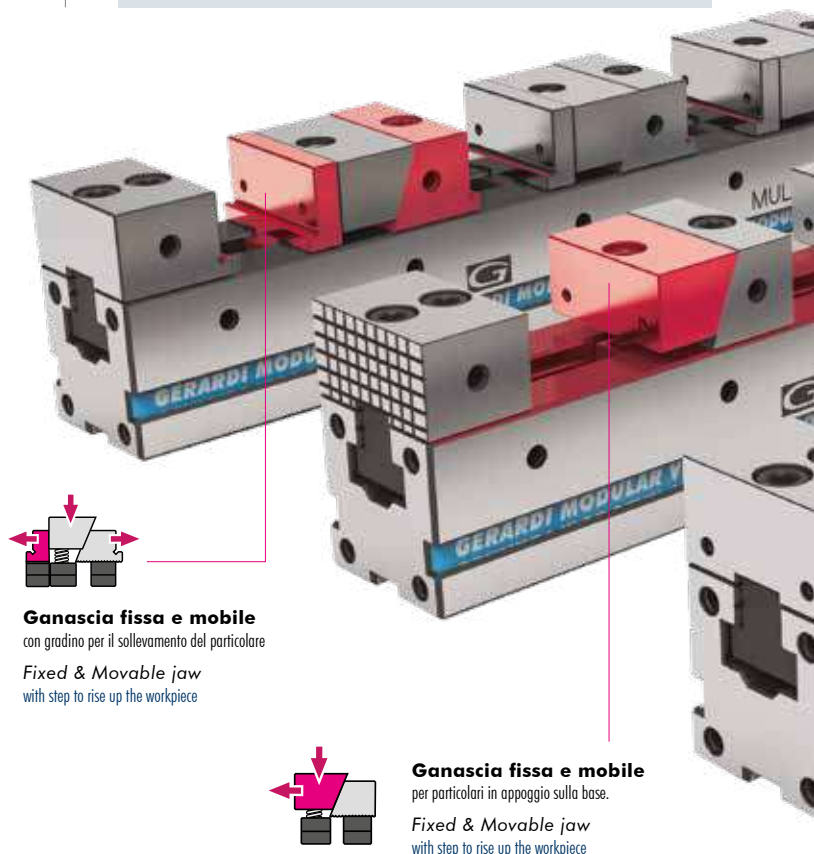
### Montaggio in Linea In line mounting

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

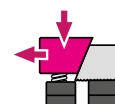


### Montaggio in Linea In line mounting

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



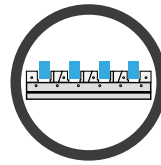
**Ganascia fissa e mobile**  
 con gradino per il sollevamento del particolare  
 Fixed & Movable jaw  
 with step to rise up the workpiece



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

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

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



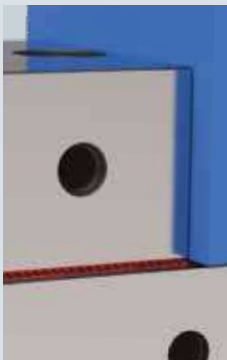
SCAN IT TO WATCH THE



VIDEO PRESENTATION



*Le morse più versatili!*  
*The most versatile vises!*


**Massima precisione garantita**

*Highest accuracy guaranteed*

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

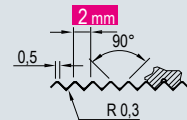
In positioning and alignment ( $\pm 0,02$  mm) thanks to the ground rack teeth on both the base and the fixed jaws.


**Versatilità**

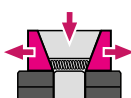
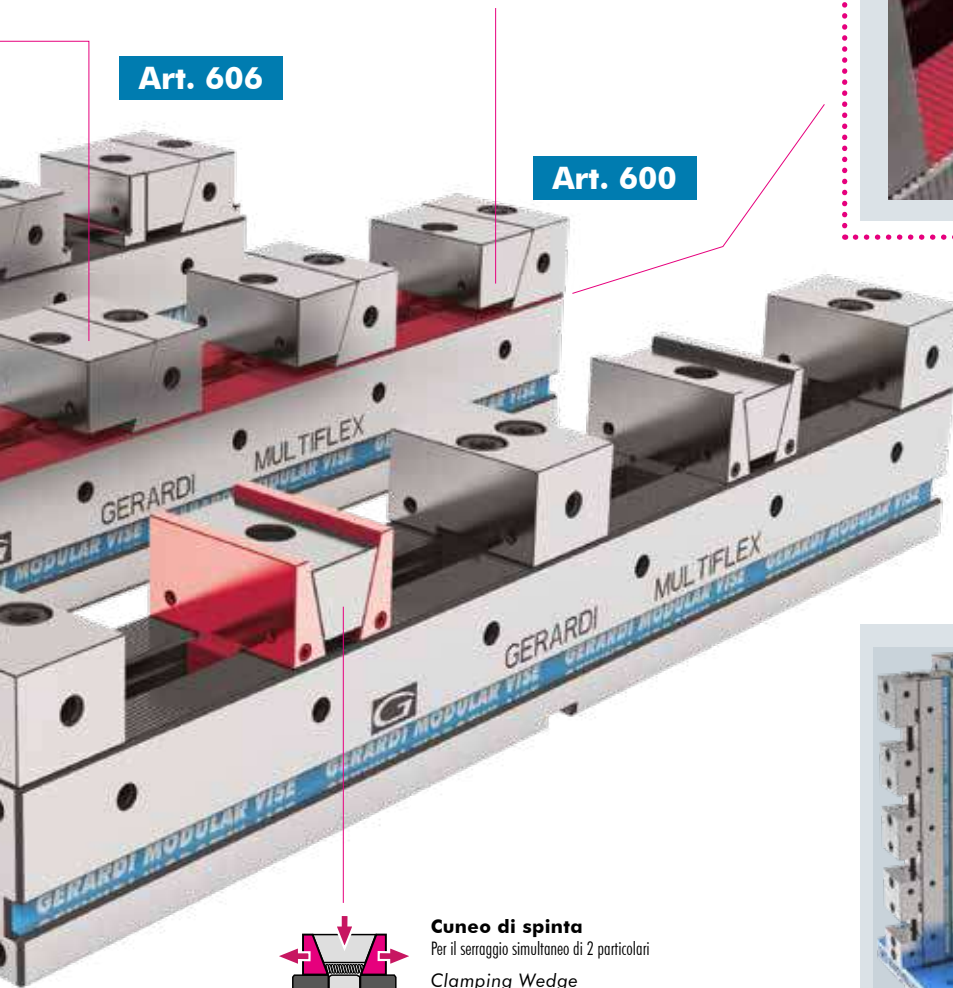
*Versatility*

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

**Art. 606**
**Art. 600**
**Art. 611**

**Cuneo di spinta**

Per il serraggio simultaneo di 2 particolari

*Clamping Wedge*

To the clamp of 2 workpieces simultaneously

**Montaggio Verticale**

*Vertical Set-Up*



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

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

# Staffe d'ancoraggio / Vise holding clamps

## MULTIFLEX

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

*Pair of vise holding clamps Art.296 complete of screw and "T" nuts*

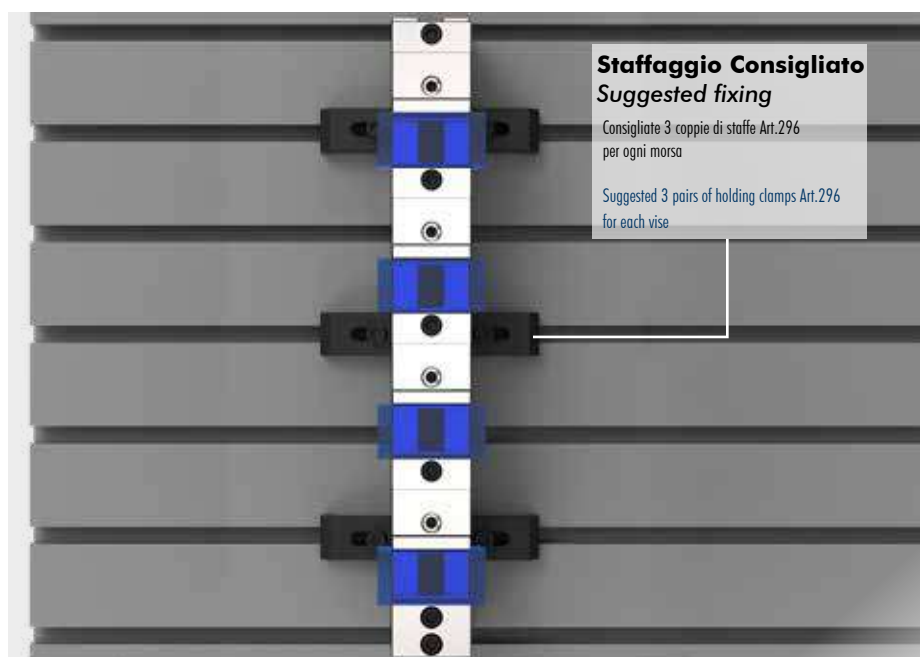


**Esempio d'ordine per morsa tipo 3 su macchina con cave a T da 18mm: Art.296 T.3 X=18mm**

**Oppure con codice: 2.29.6200 X=18mm**

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

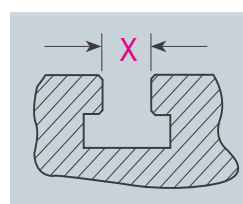
*Also with code: 2.29.6200 X=18mm*



**Staffaggio Consigliato**  
**Suggested fixing**

Consigliate 3 coppie di staffe Art.296 per ogni morsa

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



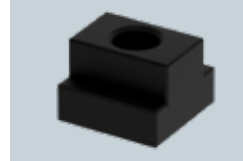
**Cava a T**

**T Slot**

Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension

Ref N° Pag.4.34

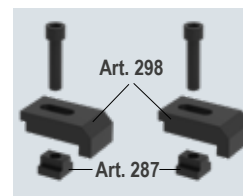


**Art.287**

**Dadi a T - T Nuts**

Per fissaggio morse alle cave a T della macchina

For vise clamping on the machine T-slots



**Art.296**

**(Art.298 + Art.287)**

Consigliate 3 coppie di staffe Art.296 per ogni morsa

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

Tipo (grandezza) Type (size)	1				1								2 - 3								
<b>Art. 296</b>	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
<b>Coppia di staffe</b> <b>Holding clamps pair</b>	Filetto vite Screw thread	<b>M8</b>				<b>M10</b>		<b>M12 *</b>		<b>M16</b>		<b>M12</b>		<b>M16 *</b>							
<b>1 X M8</b> 	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*

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

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



#### **Cubo Multiflex**

*Multiflex vise tower*

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

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



#### **Morse Multiflex su quarto asse**

*Multiflex vises on 4th axis*

**Morsa Multiflex con relativa piastra di interfaccia montata su quarto asse**

Multiflex vise with interface plate assembled on 4th axis



#### **Morse Multiflex**

*Multiflex vises*

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

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

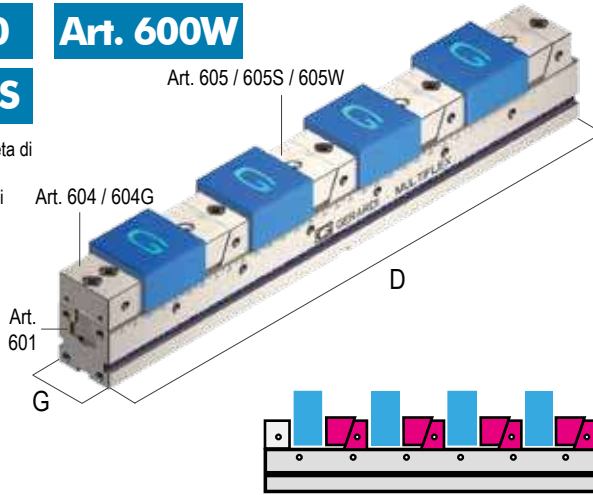
# GUIDA RAPIDA

 Per la scelta della morsa Multiflex più adatta alle vostre esigenze

Tipo (grandezza) morsa / Vise type (size)

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

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

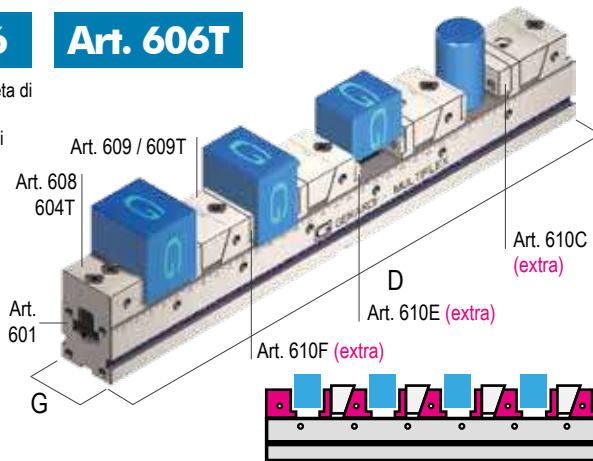
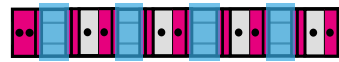
 Each vise is  
 supplied with  
 1 fixed jaw and  
 4 fixed-movable  
 jaws

 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 <sup>-0,02</sup>	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

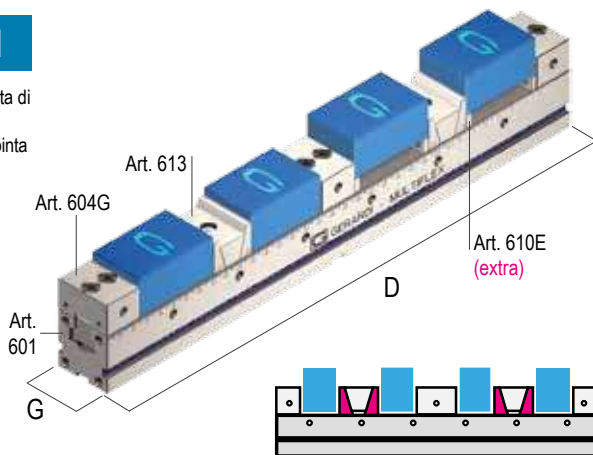
 Each vise is  
 supplied with  
 1 fixed jaw and  
 4 fixed-movable  
 jaws

 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 <sup>-0,02</sup>		
G <sup>-0,02</sup>	50	50	50
1 pezzo / piece	193	293	393
2 pezzi / pieces	63	113	163
3 pezzi / pieces	19	53	86
4 pezzi / pieces	-	23	48
5 pezzi / pieces	-	-	25
6 pezzi / pieces	-	-	-
7 pezzi / pieces	-	-	-
8 pezzi / pieces	-	-	-
9 pezzi / pieces	-	-	-
10 pezzi / pieces	-	-	-
11 pezzi / pieces	-	-	-
12 pezzi / pieces	-	-	-
Cod. Art. 606	6.60.61300	6.60.61400	6.60.61500
Cod. Art. 606T	6.60.6T130	6.60.6T140	6.60.6T150

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

**Art. 611**

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

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

 Per particolari in appoggio oppure sollevati con 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 <sup>-0,02</sup>		
G <sup>-0,02</sup>	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

D	1 20 kN		2 30 kN						3 40 kN			
	600	700	400	500	600	700	800	900	700	800	900	1000
$G_{-0,02}^0$	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
$G_{-0,02}^0$	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

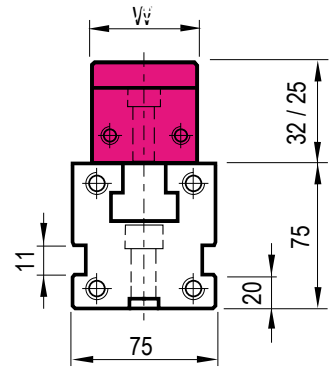
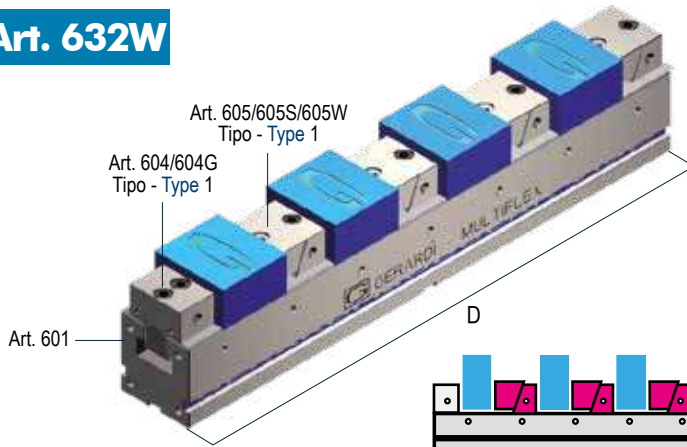
D	600	700	400	500	600	700	800	900	700	800	900	1000
$G_{-0,02}^0$	50	50	75	75	75	75	75	75	100	100	100	100
1 pcs.	474	574	242	342	442	542	642	792	470	570	670	770
2 pcs.	237	287	121	171	221	271	321	371	235	285	335	285
3 pcs.	128	162	45	78	112	145	178	228	103	136	169	202
4 pcs.	96	121	34	59	84	109	134	158,5	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**

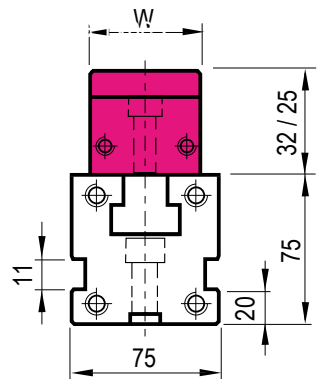
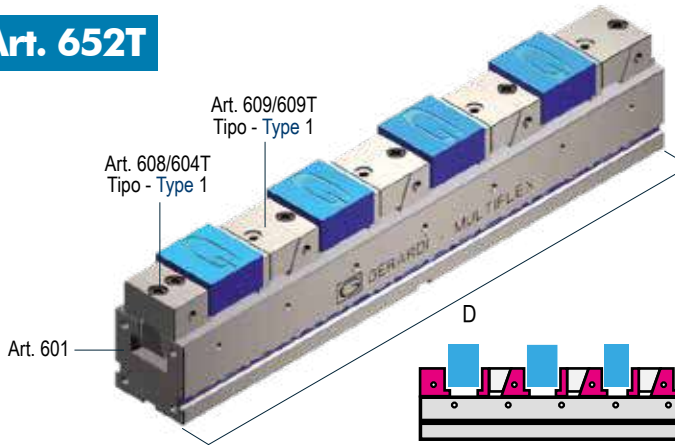
 Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce  
 fisse-mobili

 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**

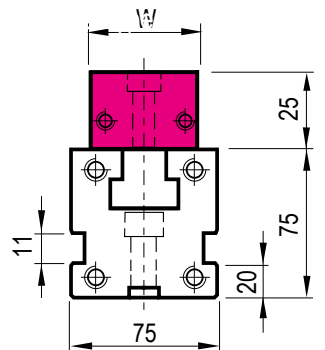
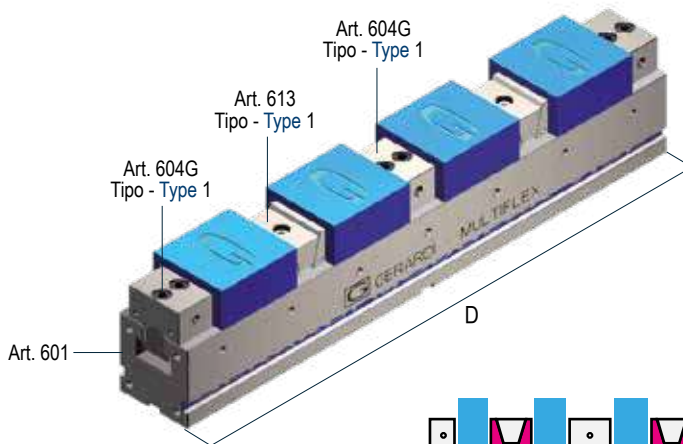
 Ogni morsa è completa di  
 1 ganascia fissa,  
 4 ganasce fisse-mobili

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

	D	400	500	600	700	800	900
2 pezzi / pieces	115	165	215	265	315	365	
3 pezzi / pieces	54,7	88	121,3	154,7	188	221,3	
4 pezzi / pieces	24,5	49,5	74,5	99,5	124,5	149,5	
5 pezzi / pieces	6,4	26,4	46,4	66,4	86,4	106,4	
6 pezzi / pieces	-	11	27,7	44,3	61	77,7	
7 pezzi / pieces	-	-	14,3	28,6	42,9	57,1	
8 pezzi / pieces	-	-	4,3	16,8	29,3	41,8	
9 pezzi / pieces	-	-	-	7,6	18,7	29,8	
10 pezzi / pieces	-	-	-	0,2	10,2	20,2	
11 pezzi / pieces	-	-	-	-	3,3	12,4	
12 pezzi / pieces	-	-	-	-	-	5,8	
	Cod. Art. 652	6.65.21400	6.65.21500	6.65.21600	6.65.21700	6.65.21800	6.65.21900
	Cod. Art. 652T	6.65.2T140	6.65.2T150	6.65.2T160	6.65.2T170	6.65.2T180	6.65.2T190

	D	400	500	600	700	800	900
2 pezzi / pieces	138,5	188,5	238,5	288,5	338,5	388,5	
3 pezzi / pieces	64	97,3	130,7	164	197,3	230,7	
4 pezzi / pieces	48	73	98	123	148	173	
5 pezzi / pieces	21,4	41,4	61,4	81,4	101,4	121,4	
6 pezzi / pieces	17,8	34,5	51,2	67,8	84,5	101,2	
7 pezzi / pieces	3,1	17,4	31,7	46	60,3	74,6	
8 pezzi / pieces	2,8	15,3	27,8	40,3	52,8	65,3	
9 pezzi / pieces	-	4,1	15,2	26,3	37,4	48,6	
10 pezzi / pieces	-	3,7	13,7	23,7	33,7	43,7	
11 pezzi / pieces	-	-	4,7	13,8	22,9	32	
12 pezzi / pieces	-	-	4,3	12,7	21	29,3	
13 pezzi / pieces	-	-	-	5,2	12,8	20,5	
14 pezzi / pieces	-	-	-	1,4	8,6	15,7	
15 pezzi / pieces	-	-	-	-	5,5	12,1	
16 pezzi / pieces	-	-	-	-	2,2	8,4	
17 pezzi / pieces	-	-	-	-	-	5,7	
	Cod.	6.69.21400	6.69.21500	6.69.21600	6.69.21700	6.69.21800	6.69.21900



# GUIDA RAPIDA

Per la scelta della morsa Multiflex più adatta alle vostre esigenze

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

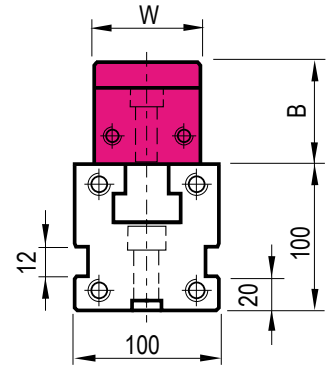
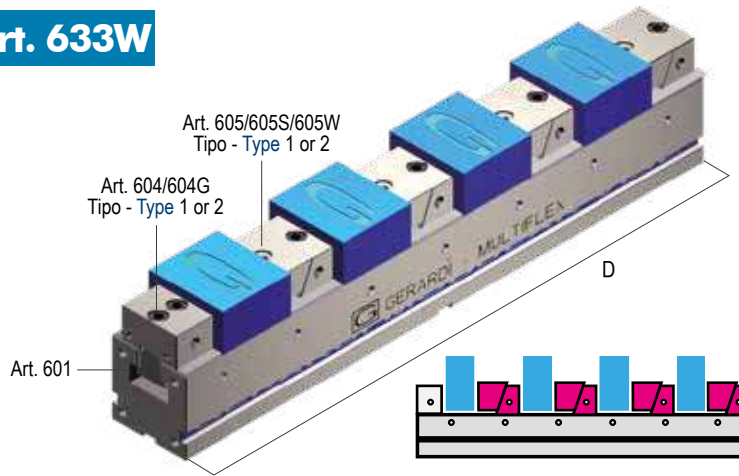
**Art. 633**

**Art. 633W**

**Art. 633S**

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

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



**Ganascia tipo 1 o 2 ⇒ Base tipo 3**

**Jaw type 1 or 2 ⇒ Base type 3**



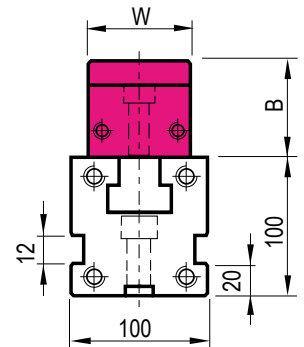
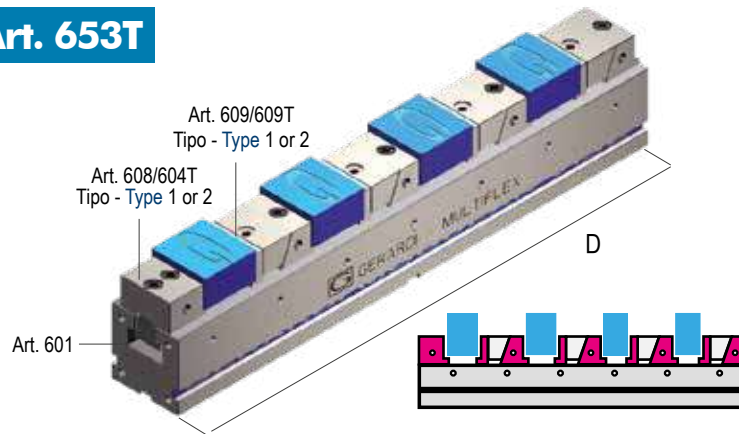
Per particolari in appoggio sulla base  
For workpieces clamped directly on vise base

**Art. 653**

**Art. 653T**

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

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



**Ganascia tipo 1 o 2 ⇒ Base tipo 3**

**Jaw type 1 or 2 ⇒ Base type 3**

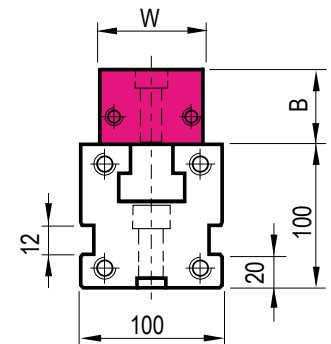
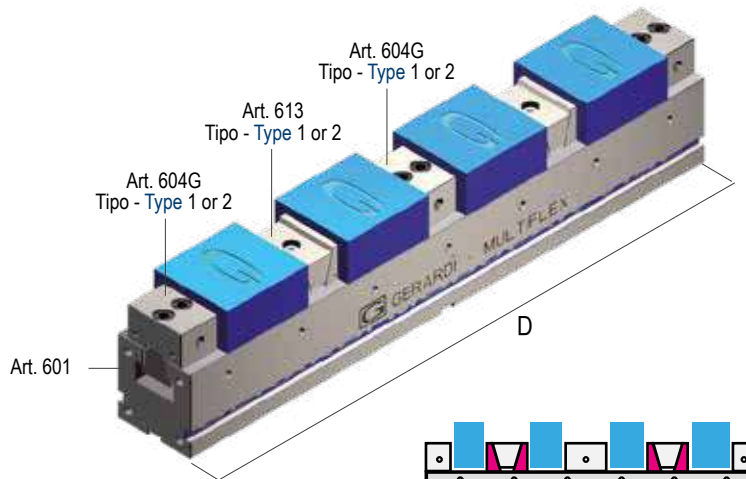


Per particolari sollevati per forature passanti  
Rised workpieces for drill through holes

**Art. 693**

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

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



**Ganascia tipo 1 o 2 ⇒ Base tipo 3**

**Jaw type 1 or 2 ⇒ Base type 3**



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

# QUICK GUIDE

For the proper Multiflex vise choice according to your specific application

kN	GANASCIA Tipo 1 - / JAW Type 1				GANASCIA Tipo 2 - / JAW Type 2			
	20 kN				30 kN			
D	700	800	900	1000	700	800	900	1000
W	49				74			
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

kN	GANASCIA Tipo 1 - / JAW Type 1				GANASCIA Tipo 2 - / JAW Type 2			
	20 kN				30 kN			
D	700	800	900	1000	700	800	900	1000
W	49				74			
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

kN	GANASCIA Tipo 1 - / JAW Type 1				GANASCIA Tipo 2 - / JAW Type 2			
	20 kN				30 kN			
D	700	800	900	1000	700	800	900	1000
W	49				74			
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	173	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

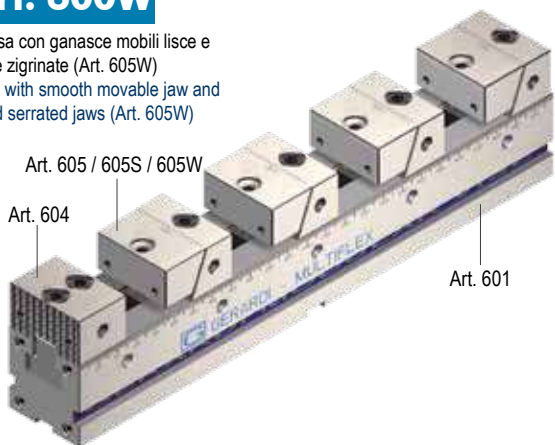
**Tipo (grandezza) morsa / Vise type (size)**
**kN**
**1**
**20 kN**
**Art. 600**

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

**Art. 600S**

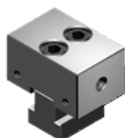
 Morsa con ganasce zigrinate (Art. 605S)  
 Vise with serrated jaws (Art. 605S)

**Art. 600W**

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

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

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

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

 Ganasca 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\***

 Ganasca mobile e fissa liscia  
 Fixed and movable smooth jaws

**Art. 605S\***

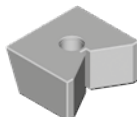
 Ganasca mobile e fissa zigrinata  
 Fixed and movable serrated jaws


Cod. Art.605 6.60.51000

Cod. Art.605S 6.60.5S100

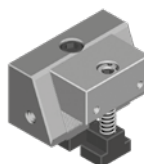
\* Arresto laterale a richiesta Workstop on request

**Art. 605L**

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


Cod. 6.60.5L100

**Art. 615\***

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


Cod. 6.61.51000

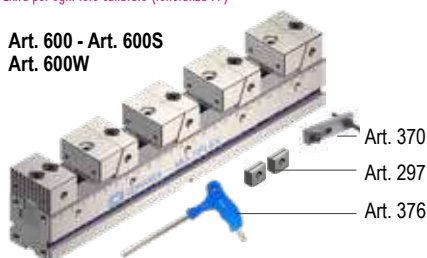
\* Arresto laterale a richiesta Workstop on request

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

Dotazione standard:

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

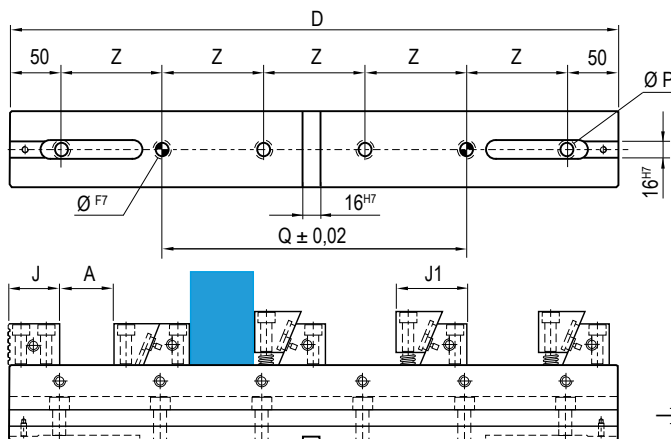
Extra per ogni foro calibrato (tolleranza F7)

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


Standard equipment:

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

Extra charge for each calibrated hole (F7 tolerance)


**Art. 81**

 Vite calibrata  
 Shoulder  
 screw

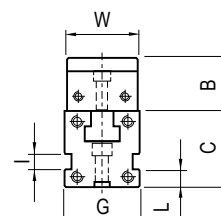
Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

 Ø = Sede viti calibrate  
 Hole for shoulder screw

Vedi pag. 6.38 - Vedi page 6.38



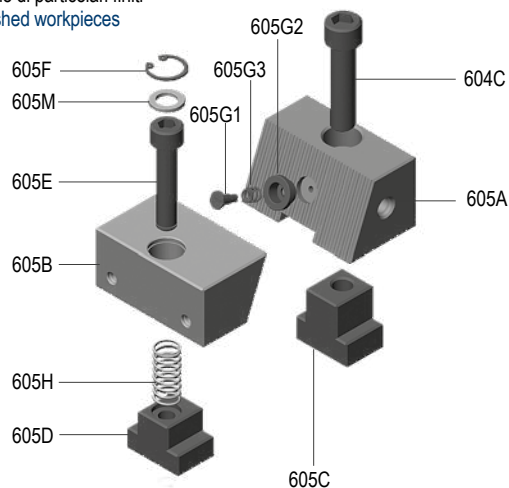


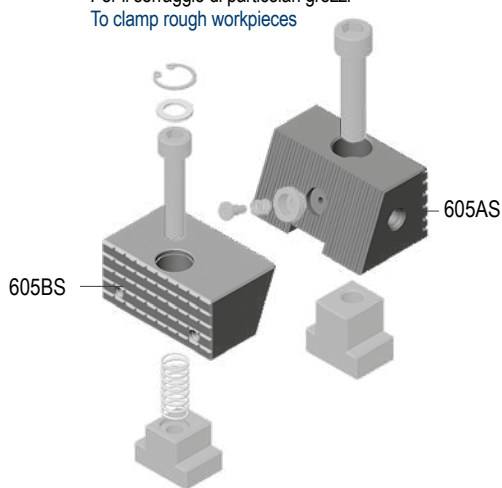
	2 30 kN						3 40 kN			
A	4 x 12mm	4 x 37	4 x 62	4 x 87	4 x 112	4x137	4 x 59	4 x 84	4 x 109	4 x 134
B	40						60			
C <sup>-0</sup> <sub>-0,02</sub>	75						100			
D	400	500	600	700	800	900	700	800	900	1000
G <sup>-0</sup> <sub>-0,02</sub>	75						100			
J	50						70			
J1	70 / 75						94,5 / 98,5		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

**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

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

**Art. 605**
**GANASCIA LISCIA  
JAW PLATE**

 Per il serraggio di particolari finiti  
 To clamp finished workpieces

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

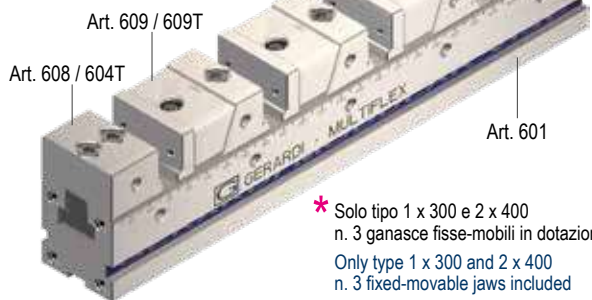
 Per il serraggio di particolari grezzi  
 To clamp rough workpieces


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

**Tipo (grandezza) morsa / Vise type (size)**
**kN**
**1**
**20 kN**
**Art. 606**

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

**Art. 606T**

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


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

	3 x 19mm *	4 x 23	4 x 48	4 x 73	4 x 97
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 <sup>0</sup> / <sub>-0,02</sub>			32 / 25		
C			50		
D <sup>0</sup> / <sub>-0,02</sub>	300	400	500	600	700
G			50		
J			38		
J1			65 / 68		
J2			59 / 62		
I			10		
L			15		
Z			100		
W			49		
Ø P			9		
Q	100	100	300	300	400
Ø F7			10		
kg	7,25	8,8	10,2	11,7	13,15
Cod. Art. 606	6.60.61300	6.60.61400	6.60.61500	6.60.61600	6.60.61700
Cod. Art. 606T	6.60.6T130	6.60.6T140	6.60.6T150	6.60.6T160	6.60.6T170

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

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

 Ganasce 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 ganasce lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

**Art. 610C \***

Piastra ganasce liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

**Art. 610D \***

Piastra ganasce zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

**Art. 610E \***

Piastra ganasce parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

**Art. 610F \***

Piastra ganasce prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

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

**Art. 609T\***

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


Cod. 6.60.9T100

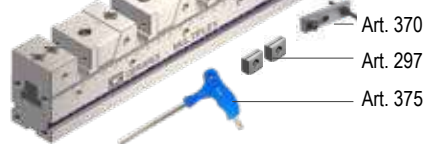
\* Arresto laterale a richiesta Workstop on request

**Art. 606**
**Art. 606T**

Dotazione standard:

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

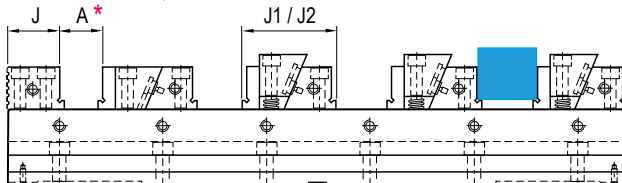
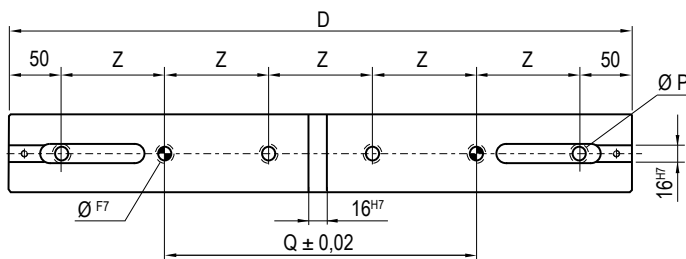
Extra per ogni foro calibrato (tolleranza F7)

**Art. 606 - Art. 606T**


Standard equipment:

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

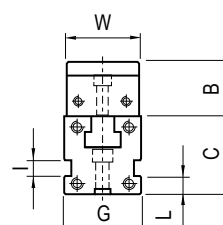
Extra charge for each calibrated hole (F7 tolerance)


**Art. 81** Vite calibrata  
Shoulder screw

Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

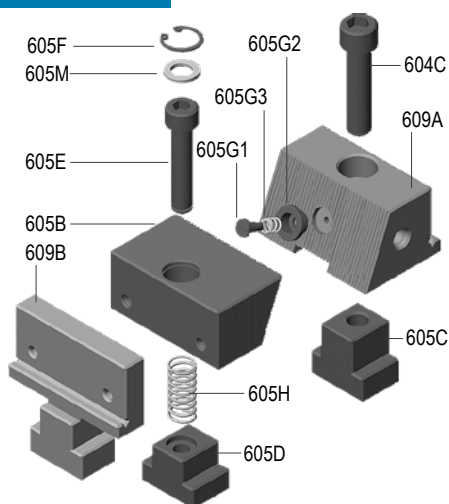
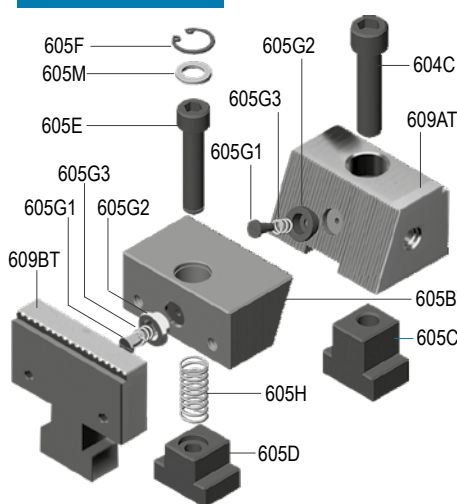
 Ø = Sede viti calibrate  
 Hole for shoulder screw  
 Vedi pag. 6.38 - Vedi page 6.38


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

**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

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

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

**Art. 609**

**Art. 609T**


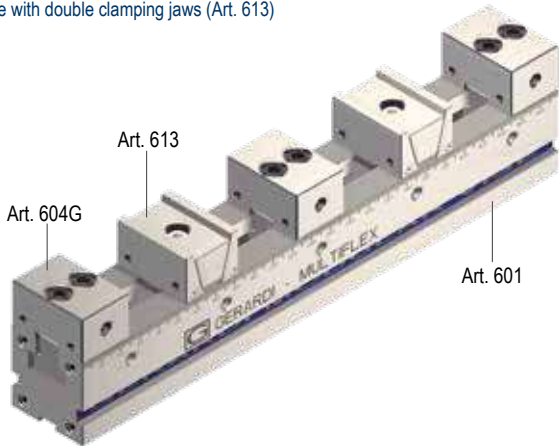
Art.	Pag.	Art.	Pag.
601	6.30	605G3	6.35
604C	6.35	605H	6.35
604T	6.32	605M	6.35
605B	6.35	608	6.32
605BT	6.36	609A	6.36
605C		609	6.16
605D		609B	6.36
605E	6.35	609AT	6.36
605F		609BT	6.36
605G1		609T	6.16
605G2			

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

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

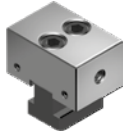


**Tipo (grandezza) morsa / Vise type (size)**
**Art. 611**

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

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

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

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

 Ganasca 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 ganasca lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

**Art. 610C \***

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

**Art. 610D \***

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

**Art. 610E \***

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

**Art. 610F \***

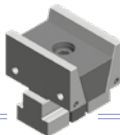
Piastra ganasca prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

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

**Art. 613**

 Ganasca mobile doppia di spinta  
 Double clamping movable jaws


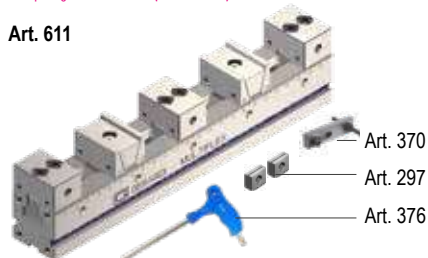
Cod. 6.61.31000

**Art. 611**

Dotazione standard:

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

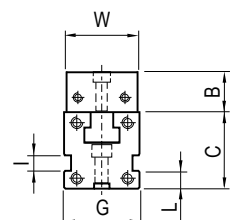
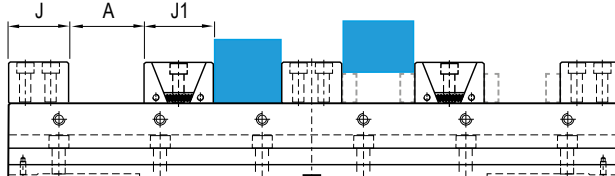
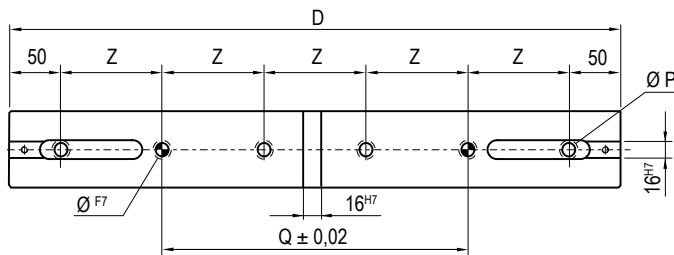
Extra per ogni foro calibrato (tolleranza F7)



Standard equipment:

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

Extra charge for each calibrated hole (F7 tolerance)


**Art. 81** Vite calibrata / Shoulder screw

Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

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



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

**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

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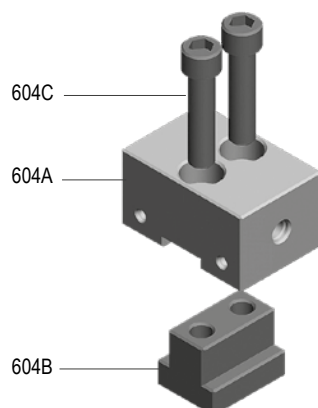
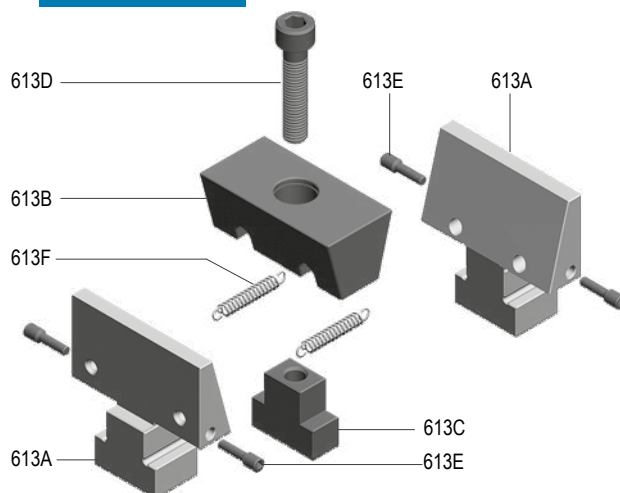
Cod. Art. 610D	6.61.0D200	6.61.0D300
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Cod. Art. 610E	6.61.0E200	6.61.0E300
----------------	------------	------------

Cod. Art. 610F	6.61.0F200	6.61.0F300
----------------	------------	------------

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

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

**Art. 613**
**GANASCIA DOPPIA  
DOUBLE JAW**


Art.	Pag.
------	------

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

# GANASCE TIPO 1 ⇒ BASE TIPO 2

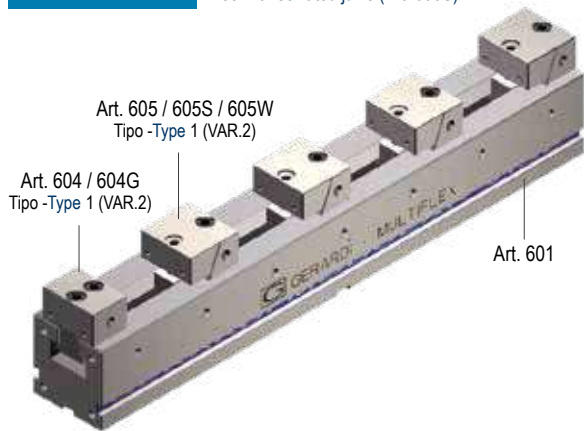
## JAWS TYPE 1 ⇒ BASE TYPE 2

### Art. 632

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

### Art. 632S

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



Art. 605 / 605S / 605W  
Tipo -Type 1 (VAR.2)

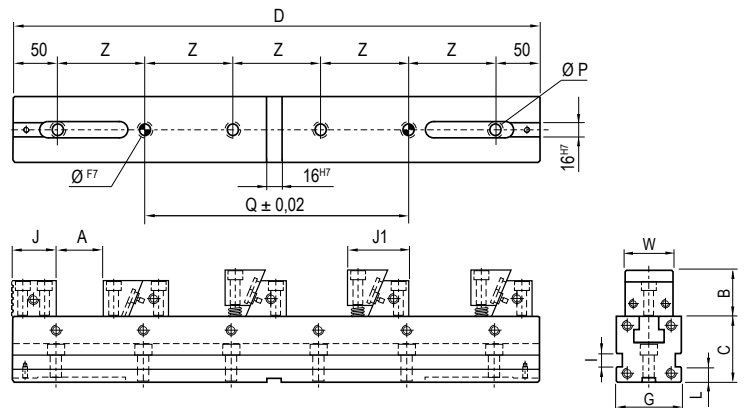
Art. 604 / 604G  
Tipo -Type 1 (VAR.2)

Art. 601

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

### Art. 632W

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



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

Extra per ogni foro calibrato (tolleranza F7)

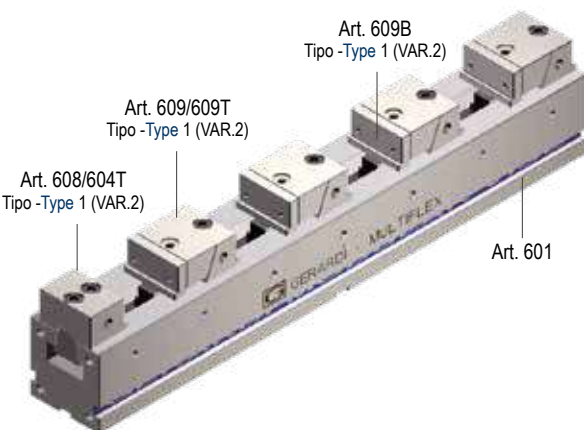
- Extra charge for each calibrated hole (F7 tolerance)

### Art. 652

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

### Art. 652T

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



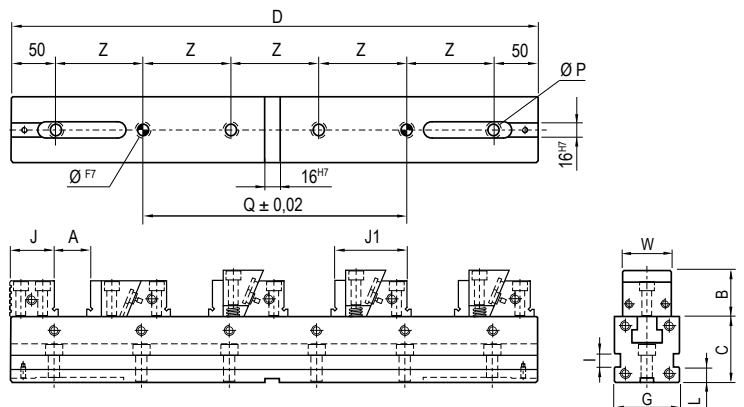
Art. 609B  
Tipo -Type 1 (VAR.2)

Art. 609/609T  
Tipo -Type 1 (VAR.2)

Art. 608/604T  
Tipo -Type 1 (VAR.2)

Art. 601

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



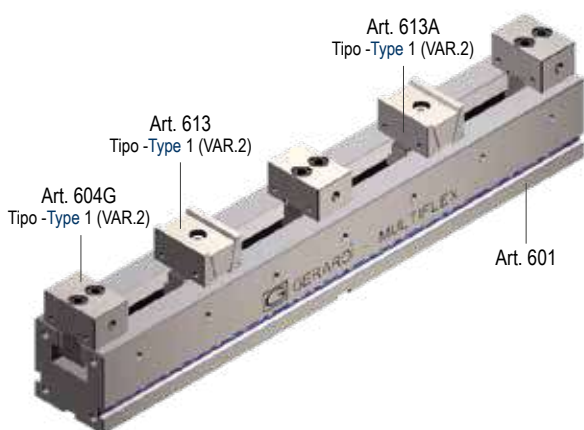
Specificare quota W in fase d'ordine  
To be specify the W quote in case of order

Extra per ogni foro calibrato (tolleranza F7)

- Extra charge for each calibrated hole (F7 tolerance)

### Art. 692

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



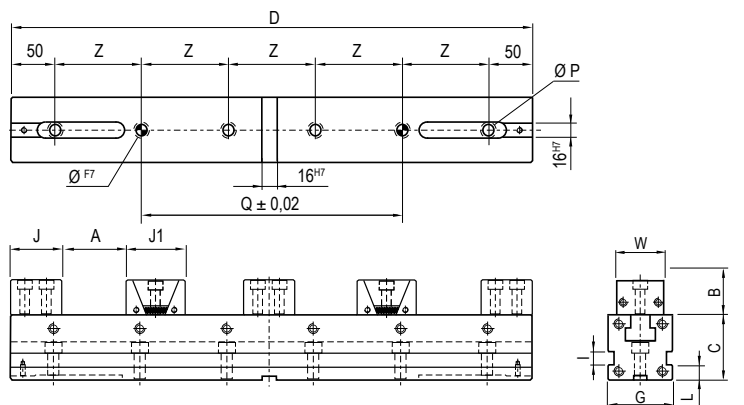
Art. 613A  
Tipo -Type 1 (VAR.2)

Art. 613  
Tipo -Type 1 (VAR.2)

Art. 604G  
Tipo -Type 1 (VAR.2)

Art. 601

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

Extra per ogni foro calibrato (tolleranza F7)

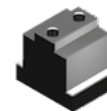
- Extra charge for each calibrated hole (F7 tolerance)

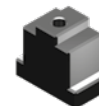
1 20 kN						
A	4 x 32,5	4 x 57,5	4 x 82,5	4 x 107,5	4 x 132,5	4 x 157,5
B	32 / 25					
C	75					
D	400	500	600	700	800	900
G	75					
J	38					
J1	55 / 58					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø <sup>F7</sup>	16					
kg	16,7	20,2	23,7	27,2	30,7	34,2
Cod. Art. 632	6.63.21400	6.63.21500	6.63.21600	6.63.21700	6.63.21800	6.63.21900
Cod. Art. 632S	6.63.2S140	6.63.2S150	6.63.2S160	6.63.2S170	6.63.2S180	6.63.2S190
Cod. Art. 632W	6.63.2W140	6.63.2W150	6.63.2W160	6.63.2W170	6.63.2W180	6.63.2W190

**Kit trasformazione ganasce**

Jaws transformations kit

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

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

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

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

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

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

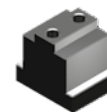

Vedi pag 6.38 - See pag 6.38

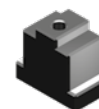
A	4 x 24,5	4 x 49,5	4 x 74,5	4 x 99,5	4 x 124,5	4 x 149,5
B	32 / 25					
C	75					
D	400	500	600	700	800	900
G	75					
J	38					
J1	65 / 68					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø <sup>F7</sup>	16					
kg	16,8	20,3	23,8	27,3	30,8	34,3
Cod. Art.652	6.65.21400	6.65.21500	6.65.21600	6.65.21700	6.65.21800	6.65.21900
Cod. Art.652T	6.65.2T140	6.65.2T150	6.65.2T160	6.65.2T170	6.65.2T180	6.65.2T190

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

 Ganaschia mobile  
 guidata con gradino  
 Movable guided  
 jaw with step

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

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

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

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

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

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

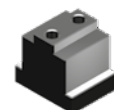

Vedi pag 6.36-38 - See pag 6.36-38

A	4 x 48	4 x 73	4 x 98	4 x 123	4 x 148	4 x 173
B	25					
C	75					
D	400	500	600	700	800	900
G	75					
J	38					
J1	44 / 50					
I	11					
L	20					
Z	100					
W	49					
ØP	13					
Q	300	200	300	400	500	400
Ø <sup>F7</sup>	16					
kg	16,1	19,6	23,1	26,6	30,1	33,7
Cod.	6.69.21400	6.69.21500	6.69.21600	6.69.21700	6.69.21800	6.69.21900

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

 Ganaschia mobile  
 Movable jaw

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

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


Vedi pag 6.37-38 - See pag 6.37-38



# GANASCE TIPO 1 o 2 ⇒ BASE TIPO 3

## JAWS TYPE 1 or 2 ⇒ BASE TYPE 3

### Art. 633

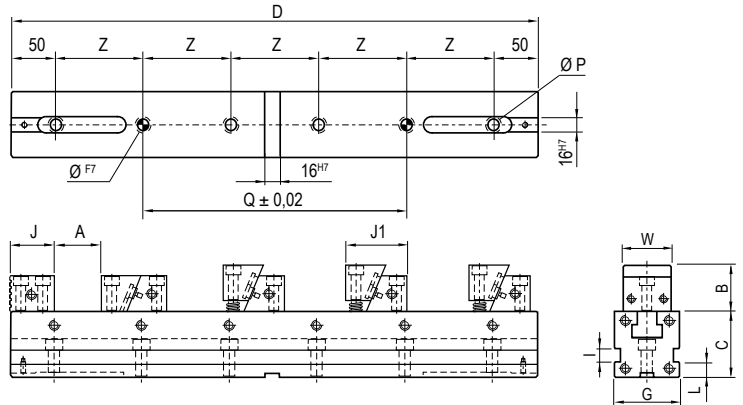
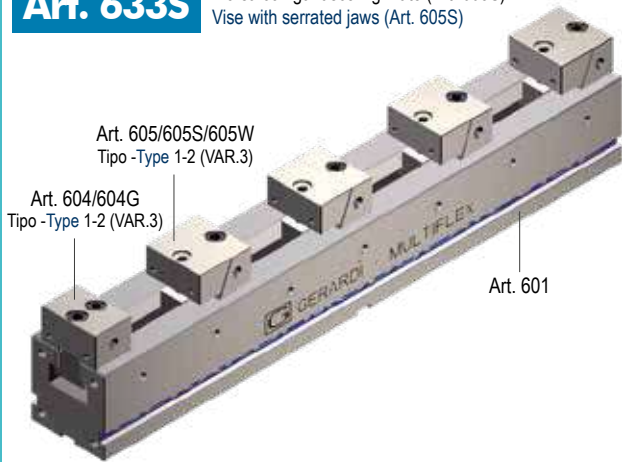
Morsa con ganasce lisce (Art. 605)  
Vise with smooth jaws (Art. 605)

### Art. 633S

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

### Art. 633W

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



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

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

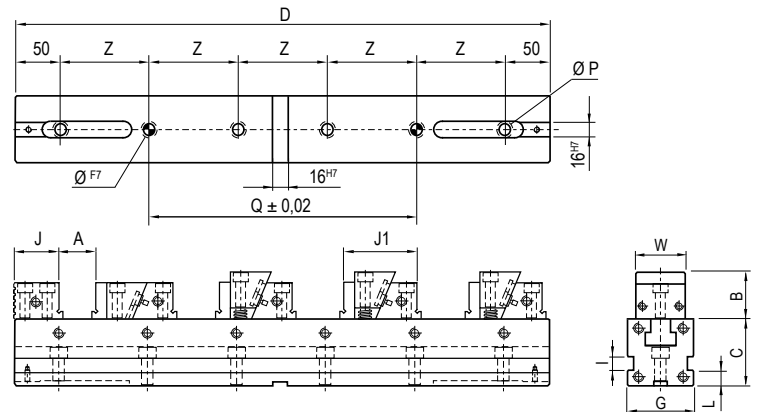
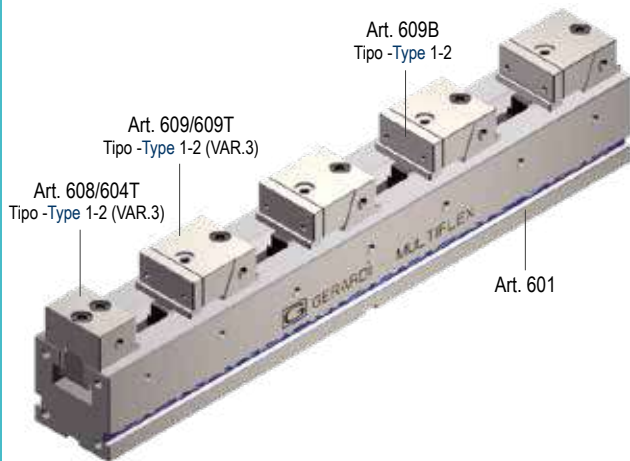
Extra per ogni foro calibrato (tolleranza F7) - Extra charge for each calibrated hole (F7 tolerance)

### Art. 653

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

### Art. 653T

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



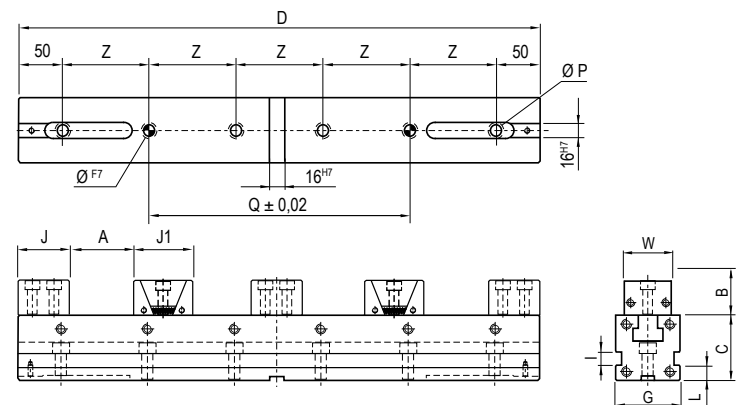
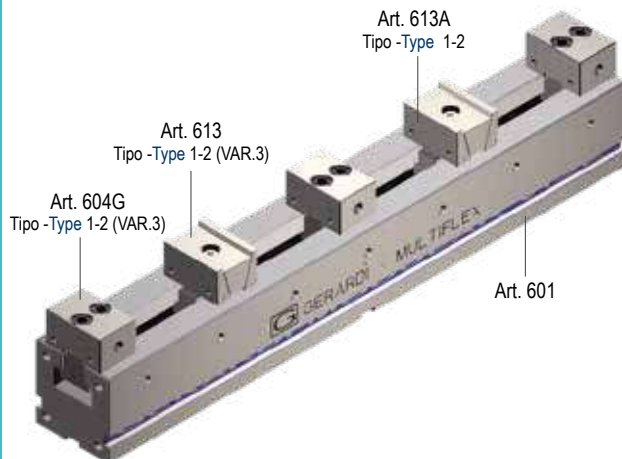
**Specificare quota W in fase d'ordine**  
**To be specify the W quote in case of order**

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

Extra per ogni foro calibrato (tolleranza F7) - Extra charge for each calibrated hole (F7 tolerance)

### Art. 693

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



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

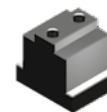
Per particolari in appoggio oppure sollevati con parallele  
For workpieces on vise base or rised up with parallels

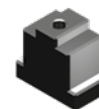
Extra per ogni foro calibrato (tolleranza F7) - Extra charge for each calibrated hole (F7 tolerance)

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

**Kit trasformazione ganasce**  
 Jaws transformations kit

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

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

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

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

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

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


Vedi pag 6.38 - See pag 6.38

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

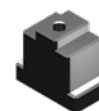
**Art. 609B** T.1 (VAR.2)

 Ganaschia mobile  
 guidata con gradino  
 Movable guided  
 jaw with step

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

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

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

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

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

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


Vedi pag 6.36-38 - See pag 6.36-38

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

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

 Ganaschia mobile  
 Movable jaw

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

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


Vedi pag 6.37-38 - See pag 6.37-38


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

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

**Art. 602S**

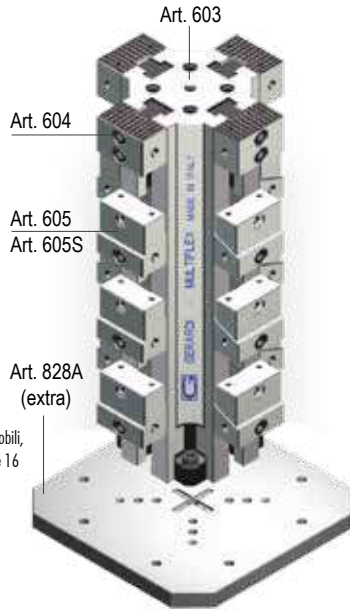
 Cubo-morsa con ganasce zigrinate (Art. 605S)  
 Vise-tower with serrated jaws (Art. 605S)

**Art. 602W**

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

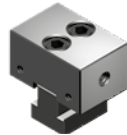
 Ogni cubo-morsa è completo di 4 ganasce fisse, 16 ganasce fisse mobili,  
 1 chiave a T, 1 coppia tasselli di posizionamento per cava da 16mm e 16  
 arresti laterali

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

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


kN	1				
	20 kN				
A	4 x 8mm	4 x 33	4 x 58	4 x 83	4 x 108
B	25				
B1	32 / 25				
C <sup>-0</sup> <sub>-0,02</sub>	100				
D	300	400	500	600	700
G <sup>-0</sup> <sub>-0,02</sub>	50				
J	38				
J1	55 / 58				
H	66				
Ø I <sup>H7</sup>	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\***

 Ganasca fissa (1 lato liscia, 1 lato zigrinata)  
 Fixed jaw (1 side smooth, 1 side serrated)


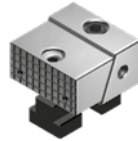
Cod. 6.60.41000

\* Arresto laterale a richiesta Workstop on request

**Art. 605\***

 Ganasca mobile e fissa liscia  
 Fixed and movable  
 smooth jaws

**Art. 605S\***

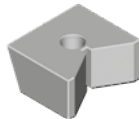
 Ganasca mobile e fissa zigrinata  
 Fixed and movable  
 serrated jaws


Cod. Art.605 6.60.51000

Cod. Art.605S 6.60.5S100

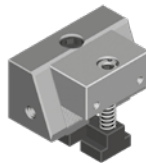
\* Arresto laterale a richiesta Workstop on request

**Art. 605L**

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


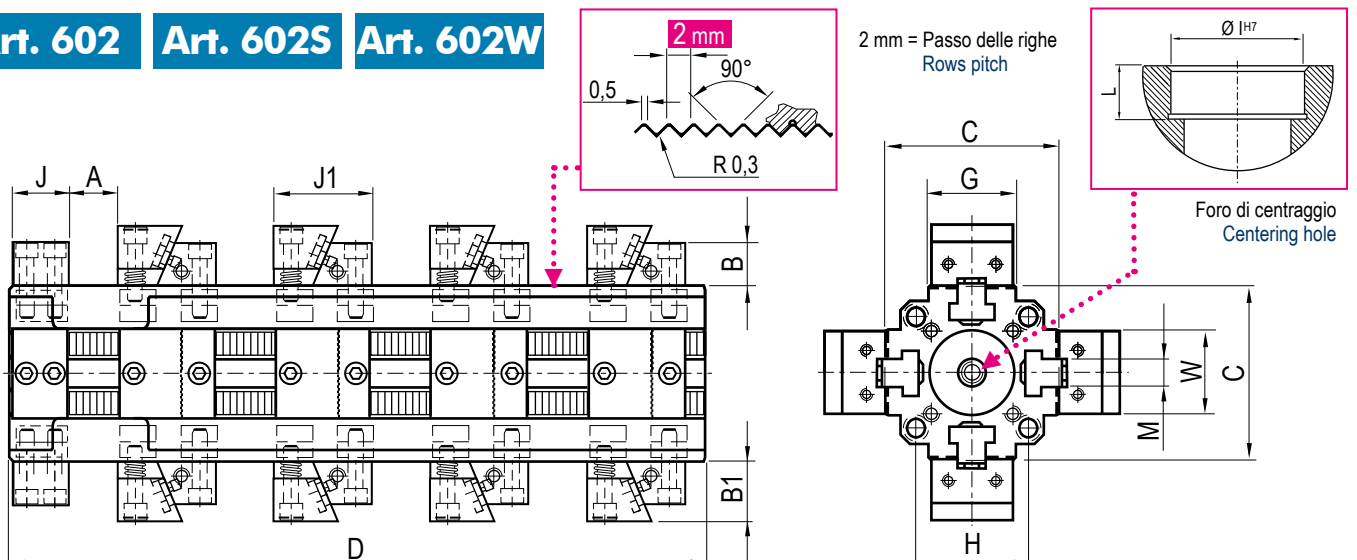
Cod. 6.60.5L100

**Art. 615\***

 Ganasca 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 <sup>-0</sup> <sub>-0,02</sub>		150		230	150	210	240			240		
D	400	500	600	600	700	700	700	800	700	800	900	1000
G <sup>-0</sup> <sub>-0,02</sub>		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 <sup>H7</sup>		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**

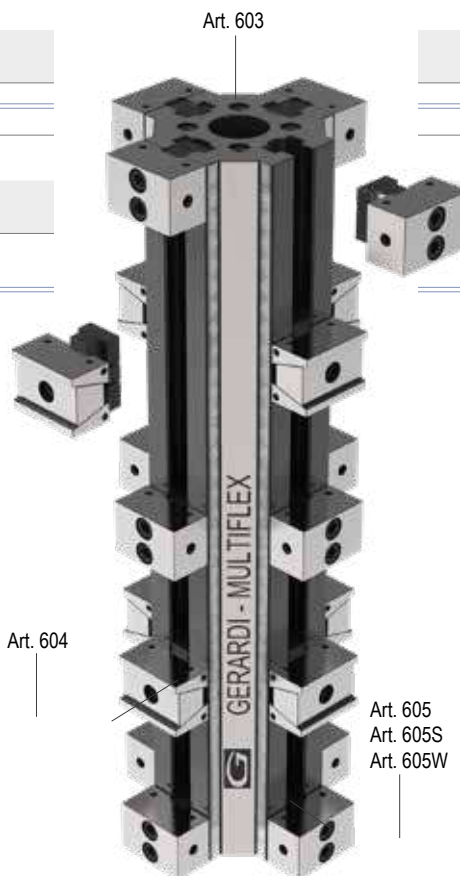
Per il serraggio di particolari finiti  
 To clamp finished workpieces

**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.
<b>603</b>	6.31
<b>604</b>	6.32
<b>605</b>	6.33
<b>605S</b>	6.33



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

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

**Art. 607T**

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

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

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

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

Art. 828A extra


**kN**
**1**
**20 kN**

	3 x 19mm *		4 x 23	4 x 48	4 x 73	4 x 97
A						
B				25		
B1				32 / 25		
C <sup>-0</sup> <sub>-0.02</sub>				100		
D	300	400	500	600	700	
G <sup>-0</sup> <sub>-0.02</sub>				50		
J				38		
J1				65 / 68		
J2				59 / 62		
H				66		
Ø I <sup>H7</sup>				25		
L				20		
M				14		
W				49		
kg	29,6	34,6	39,6	44,6	49,7	
Cod. Art. 607	6.60.71300	6.60.71400	6.60.71500	6.60.71600	6.60.71700	
Cod. Art. 607T	6.60.7T130	6.60.7T140	6.60.7T150	6.60.7T160	6.60.7T170	

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

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

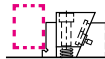
 Ganasca fissa e mobile con gradino  
 Fixed and moving jaw with step


Cod. 6.60.91000

\* Arresto laterale a richiesta Workstop on request

**Art. 610B \***

Piastra ganasca lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

**Art. 610C \***

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

**Art. 610D \***

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

**Art. 610E \***

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

**Art. 610F \***

Piastra ganasca prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

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

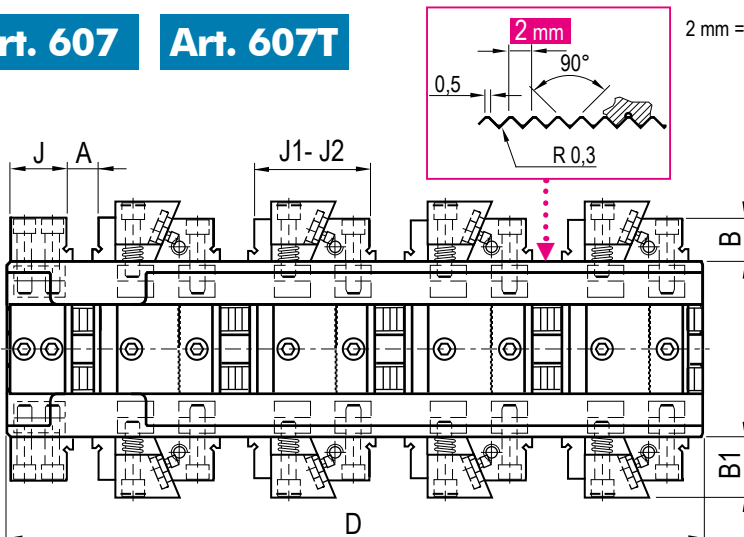
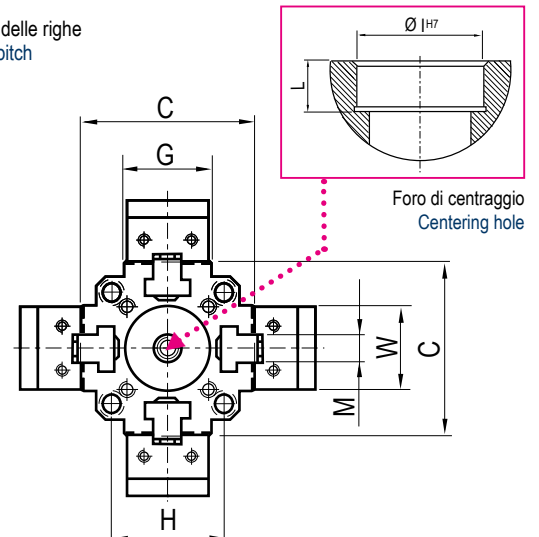
**Art. 609T\***

 Ganasca fissa e mobile con piastra ganasca  
**GRIP a forte serraggio**

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


Cod. 6.60.9T100

\* Arresto laterale a richiesta Workstop on request

**Art. 607**
**Art. 607T**

 2 mm = Passo delle righe  
 Rows pitch


2 30 kN					3 40 kN							
A	3 x 28mm*	4 x 24	4 x 49	4 x 49	4 x 74	4 x 74	4 x 74	4 x 99	4 x 39	4 x 64	4 x 89	4 x 114
B		40		40	40			40			60	
B1		40		40	40			40			60	
C <sup>-0 -0.02</sup>		150		230	150	210		240			240	
D	400	500	600	600	700	700	700	800	700	800	900	1000
G <sup>-0 -0.02</sup>		75		75	75			75			100	
J		50		50	50			50			70	
J1		83 / 88		83 / 88	83 / 88			83 / 88			109 / 113	
J2		77 / 82		77 / 82	77 / 82			77 / 82			103 / 107	
H		100		-	100	-	-	-			150 / 200	
Ø I <sup>H7</sup>		50		50	50			50			50	
L		20		20	20			20			20	
M		22		22	22			22			30	
W		74		74	74			74			99	
kg	85,6	96,8	108	150	119,2	155,8	183	203	268	292	315	339
Cod. Art.	6.60.72400	6.60.72500	6.60.72600	6.60.72601	6.60.72700	6.60.72701	6.60.72702	6.60.72800	6.60.73700	6.60.73800	6.60.73900	6.60.73100
Cod. Art.	6.60.7T240	6.60.7T250	6.60.7T260	6.60.7T261	6.60.7T270	6.60.7T271	6.60.7T272	6.60.7T280	6.60.7T370	6.60.7T380	6.60.7T390	6.60.7T310

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

**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

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

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

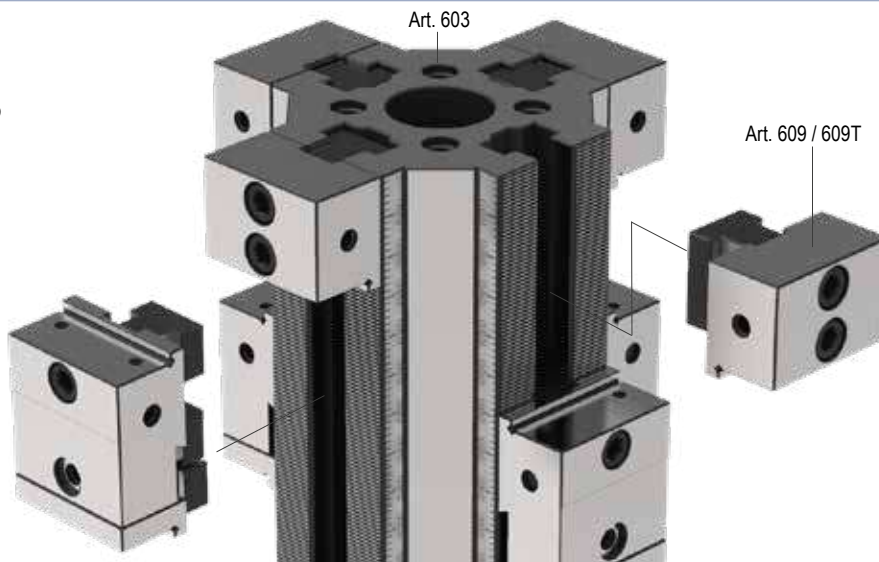
Cod.	6.60.9T200	6.60.9T300
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**Art. 609**

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

**Art. 609T**

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

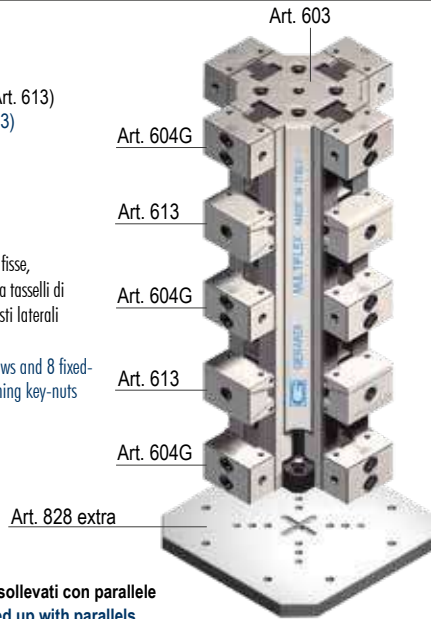


Art.	Pag.
<b>603</b>	6.31
<b>608</b>	6.32
<b>609</b>	6.33

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

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

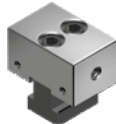
 Ogni cubo-morsa è completo di 12 ganasce fisse,  
 8 ganasce fisse mobili, 1 chiave a T, 1 coppia tasselli di  
 posizionamento per cava da 16mm e 16 arresti laterali

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


kN	1				
	20 kN				
A	4 x 21mm	4 x 46	4 x 71	4 x 94	4 x 121
B	25				
C <sup>-0</sup> <sub>-0.02</sub>	100				
D	300	400	500	600	700
G <sup>-0</sup> <sub>-0.02</sub>	50				
J	38				
J1	44 / 50				
H	66				
Ø I <sup>H7</sup>	50				
L	20				
M	14				
W	49				
kg	24,2	29,3	34,4	39,5	44,5
Cod.	6.61.21300	6.61.21400	6.61.21500	6.61.21600	6.61.21700

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

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

 Ganasca 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 ganasca lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

**Art. 610C \***

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

**Art. 610D \***

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

**Art. 610E \***

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

**Art. 610F \***

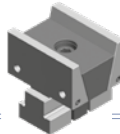
Piastra ganasca prismatica / Prismatic jaw plate



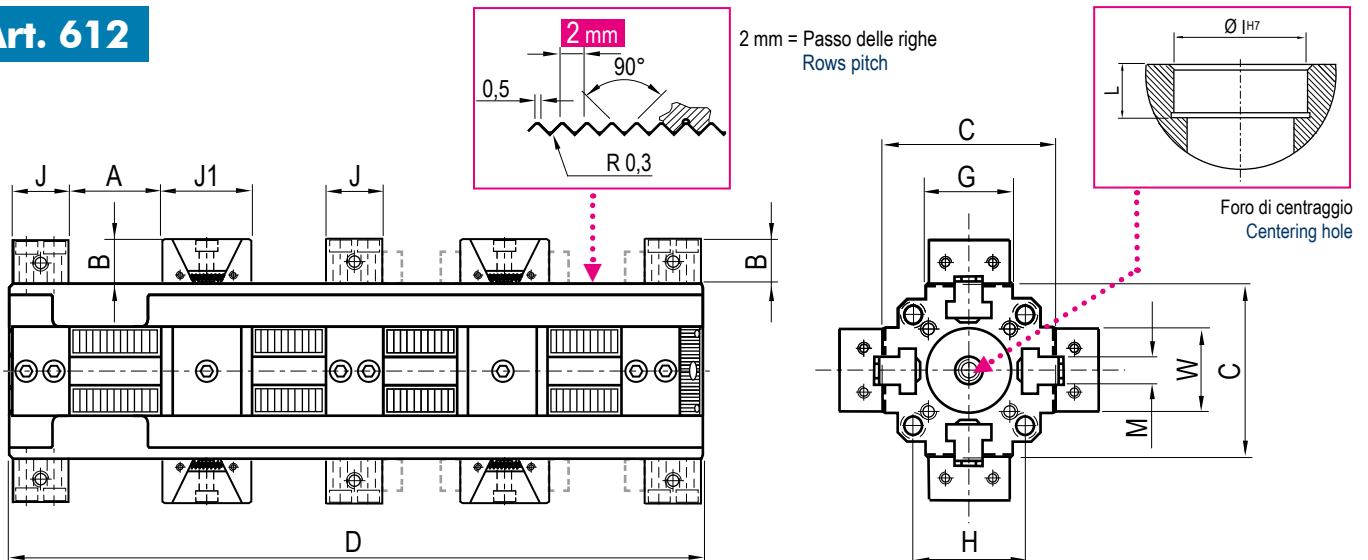
Cod. Art. 610F 6.61.0F100

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

**Art. 613**

 Ganasca mobile doppia di spinta  
 Double clamping movable jaws


Cod. 6.61.31000

**Art. 612**




2 30 kN						3 40 kN						
A	4 x 34mm	4 x 59	4 x 84	4 x 84	4 x 109	4 x 109	4 x 109	4 x 134	4 x 77	4 x 102	4 x 127	4 x 152
B		40		40	40		40			60		
C <sup>-0</sup> <sub>-0,02</sub>		150		230	150	210	240			240		
D	400	500	600	600	700	700	700	800	700	800	900	1000
G <sup>-0</sup> <sub>-0,02</sub>		75		75	75		75			100		
J		50		50	50		50			70		
J1		52 / 58		52 / 58	52 / 58		52 / 58			84 / 90		
H		100		-	100	-	-	-		150 / 200		
Ø I <sup>H7</sup>		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

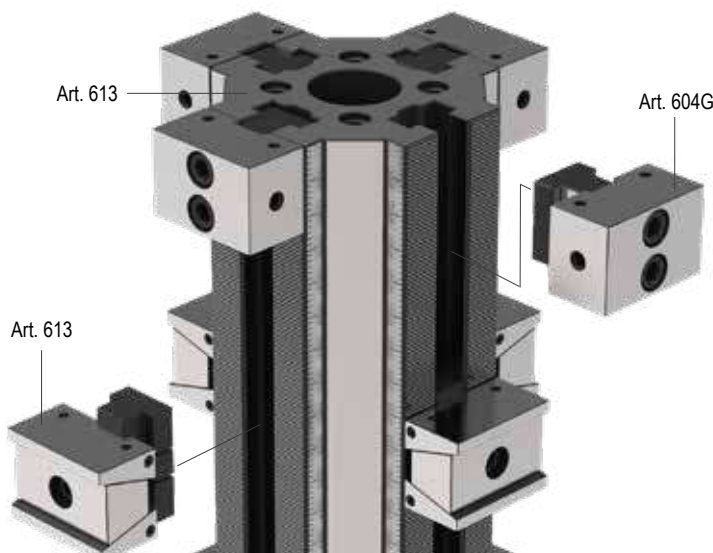
**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

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
Cod.	6.61.32000	6.61.33000

\* 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



Art.	Pag.
<b>603</b>	6.31
<b>604G</b>	6.32
<b>613</b>	6.34



Tipo (grandezza) / Type (size)		1					2					3				
A		34					50					70				
A1		34					54					70				
B		8					12,5					15				
B1		8					10,5					15				
C <sup>+0/-0,02</sup>		50					75					100				
D	300 400 500 600 700	400 500 600 700 800 900					700 800 900 1000									
E		37,5					55					75				
F		100					100					100				
G <sup>+0/-0,02</sup>		50					75					100				
Ø P		9					13					17				
Q	100 100 200 300 400	300 200 300 400 500 400					400 500 400 500									
S		50					50					50				
Ø F7		10					16					16				
Z		100					100					100				
kg	4,4 5,9 7,3 8,8 10,2	13,9 17,4 20,9 24,4 27,9 31,4					42,5 48 55 60,7									
Cod.	6.60.11300 6.60.11400 6.60.11500 6.60.11600 6.60.11700	6.60.12400 6.60.12500 6.60.12600 6.60.12700 6.60.12800 6.60.12900					6.60.13700 6.60.13800 6.60.13900 6.60.13100									

### Art. 601

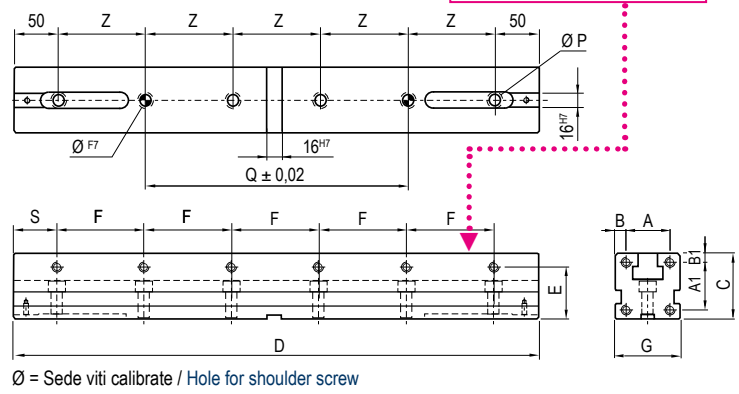
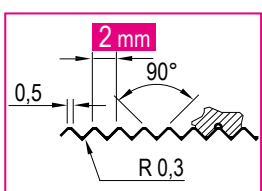
Corpo base morsa  
Vise base body



### Art. 601

Corpo base morsa  
Vise base body

2 mm = Passo delle righe  
Rows pitch

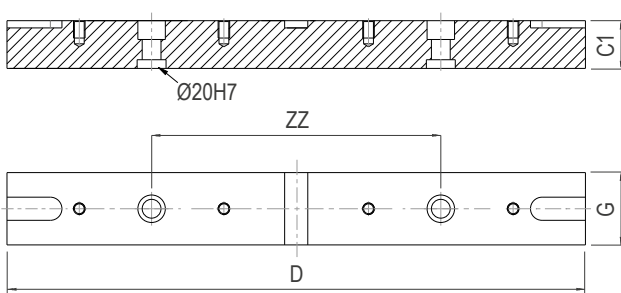


Ø = Sede viti calibrate / Hole for shoulder screw

### Art. 62

#### MULTIFLEX

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



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 <sup>+0,02/-0,02</sup>	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									



Tiranti e viti INCLUSI  
Pull Studs and screws INCLUDED

### Art.81P

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



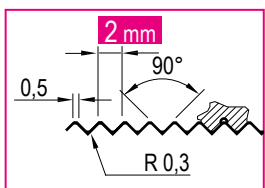
A	200 200 200 200 200	200 200 200 200 200					200 200 200									
B	400 500 600 400 500	600 800 600 800 1000														
Art.665 Tipo / Type2																
P	200 250 200X2	200 250 200X2 300X2					200x2 300X2 400x2									
kg	29 35 42	29 35 42 59					42 59 71,5									
Cod.	9.81.P2040S2 9.81.P2050S2 9.81.P2060S3 9.81.P2040S2 9.81.P2050S2 9.81.P2080S3 9.81.P22080S3 9.81.P2060S3 9.81.P2080S3 9.81.P20100S3															

Tipo (grandezza) / Type (size)	1					2					3							
<b>Art. 603</b>																		
Corpo base cubo Cube base body																		
C <sup>-0/-0,02</sup>	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 <sup>-0/-0,02</sup>	50					75					75	75	75					
Ø I <sup>H7</sup>	25					50					50	50	50					
L <sup>-0/-0,02</sup>	20					20					20	20	20					
kg	15,4	20,5	25,6	30,7	35,8	44,8	56	67,2	110	78,4	115	143	163	164	188	211	235	
Cod.	6.60.31300	6.60.31400	6.60.31500	6.60.31600	6.60.31700	6.60.32400	6.60.32500	6.60.32600	6.60.32601	6.60.32700	6.60.32701	6.60.32702	6.60.32800	6.60.33700	6.60.33800	6.60.33900	6.60.33100	

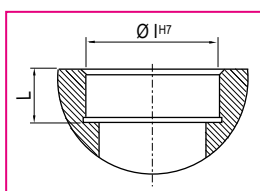
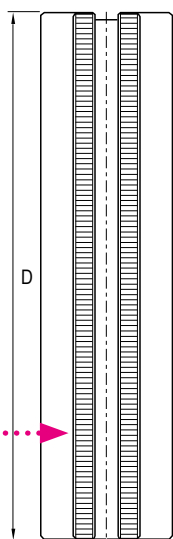
I prezzi su fondo magenta sono **comprensivi di base integrale**  
 Prices on the magenta background **include the solid head plate with the vise-tower**

### Art. 603

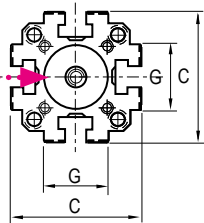
Corpo cubo semplice  
Simple cube body



2 mm =  
Passo delle righe  
Rows pitch

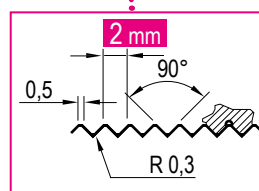
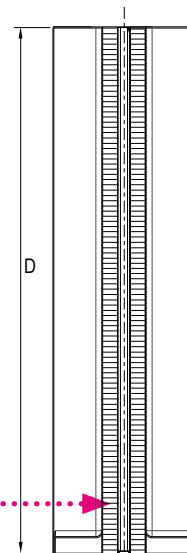


Foro di centraggio  
Centering hole

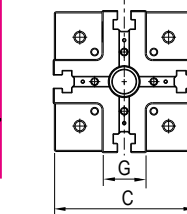


### Art. 603

Corpo cubo con base integrale  
Cube body with integral base



2 mm = Passo delle righe  
Rows pitch

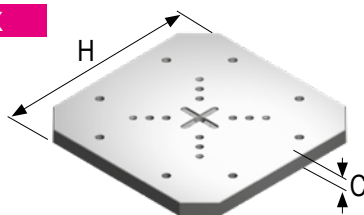


### Art. 828A

**MULTIFLEX**

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

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



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

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

**Art. 604\***

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


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

\* Arresto laterale a richiesta Workstop on request

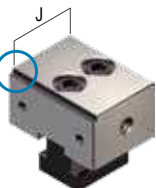
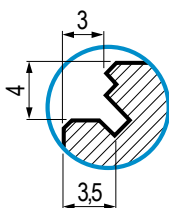
**Art. 604G\***

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


kg	0,5	1,40	3,90
Cod.	6.60.4G100	6.60.4G200	6.60.4G300

\* Arresto laterale a richiesta Workstop on request

**Art. 604T\***

 Ganaschia fissa GRIP per morsa Art. 606T  
 Fixed GRIP jaw for vise Art. 606T


J	38	50	70
Cod.	6.60.4T100	6.60.4T200	6.60.4T300

\* Arresto laterale a richiesta Workstop on request

**Art. 608\***

 Ganaschia fissa con gradino per morsa Art. 606  
 Fixed step jaw for vise Art. 606


J	38	50	70
kg	0,45	1,4	4
Cod.	6.60.81000	6.60.82000	6.60.83000

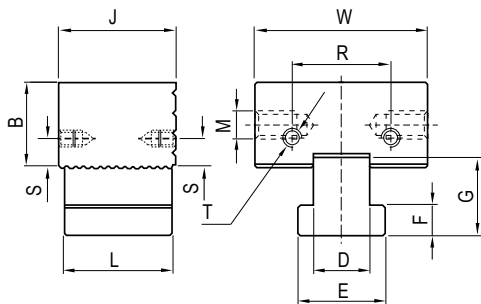
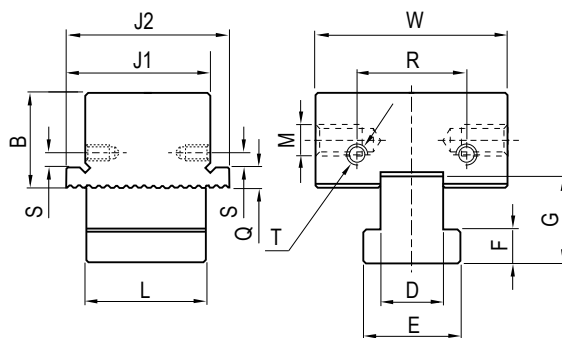
\* Arresto laterale a richiesta Workstop on request

**Art. 614T\***

 Ganaschia fissa con doppio gradino  
 Fixed jaw with double step


Cod.	6.61.4T100	6.61.4T200	6.61.4T300
------	------------	------------	------------

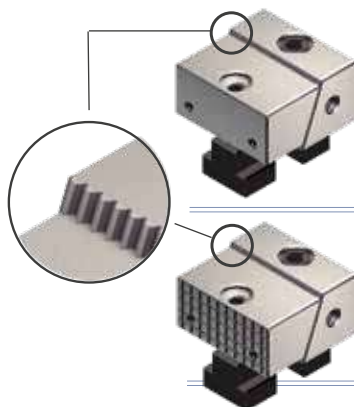
\* Arresto laterale a richiesta Workstop on request

**Art. 604**

**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)**
**Art. 605\***

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

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


kg	0.6	1.8	4.7
Cod.	6.60.51000	6.60.52000	6.60.53000

\* Arresto laterale a richiesta Workstop on request

**Art. 605S\***

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

**Art. 605W\***

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

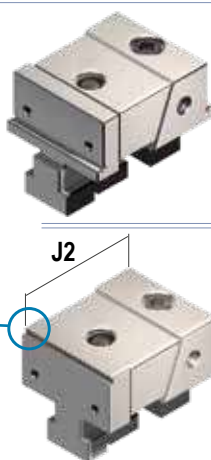
kg	0.6	1.8	4.7
Cod.	6.60.5S100	6.60.5S200	6.60.5S300

\* Arresto laterale a richiesta Workstop on request

Cod.	6.60.5W100	6.60.5W200	6.60.5W300
------	------------	------------	------------

\* Arresto laterale a richiesta Workstop on request

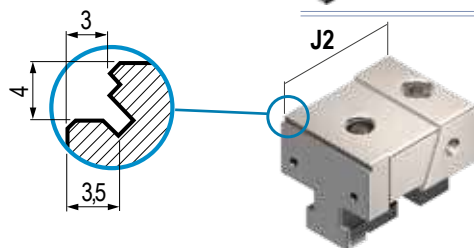
**Art. 609\***

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


kg	0.8	2.2	5.5
Cod.	6.60.91000	6.60.92000	6.60.93000

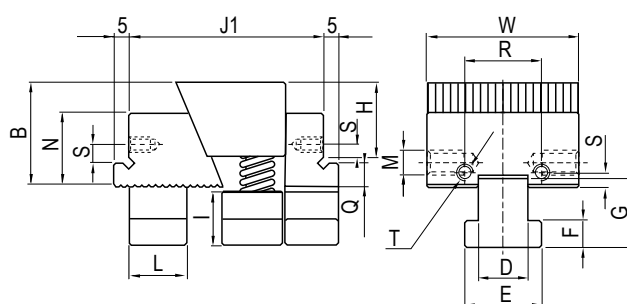
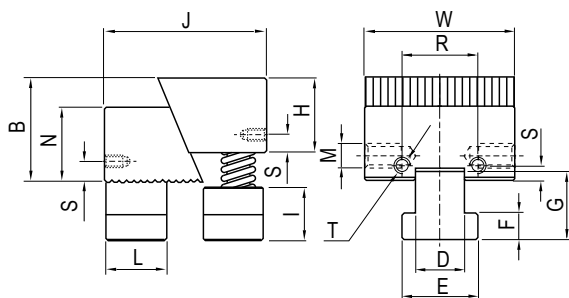
\* Arresto laterale a richiesta Workstop on request

**Art. 609T\***

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


Cod.	6.60.9T100	6.60.9T200	6.60.9T300
------	------------	------------	------------

\* Arresto laterale a richiesta Workstop on request

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


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

Tipo (grandezza) / Type (size)	1	2	3
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**Art. 613**

 Ganaschia mobile di spinta doppia per morse Art. 611  
 Double clamping movable jaws for vise Art. 611


kg	0.5	1.4	4.3
Cod.	6.61.31000	6.61.32000	6.61.33000

**Art. 615\***

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

**NEW**


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

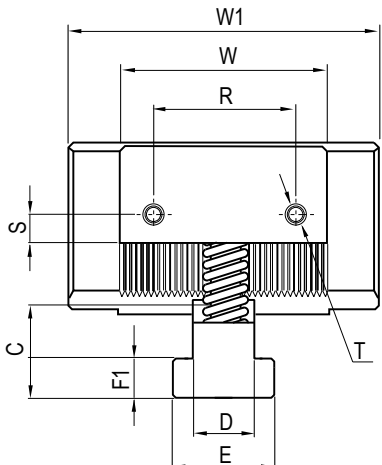
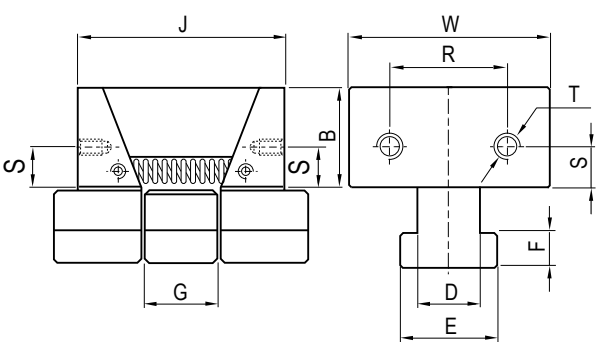
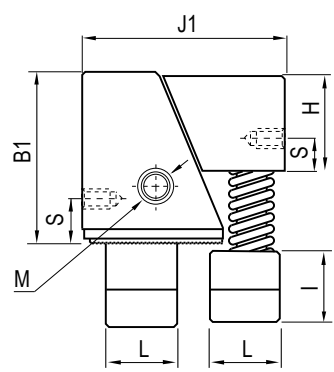
\* Arresto laterale a richiesta Workstop on request

**Art. 615S**

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

**Art. 615W\***

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

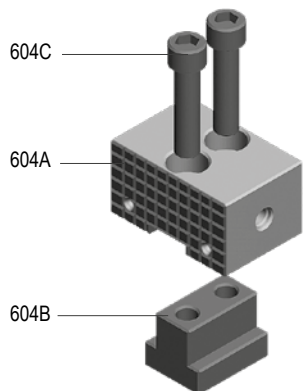
**Art. 613**

**Art. 615**


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

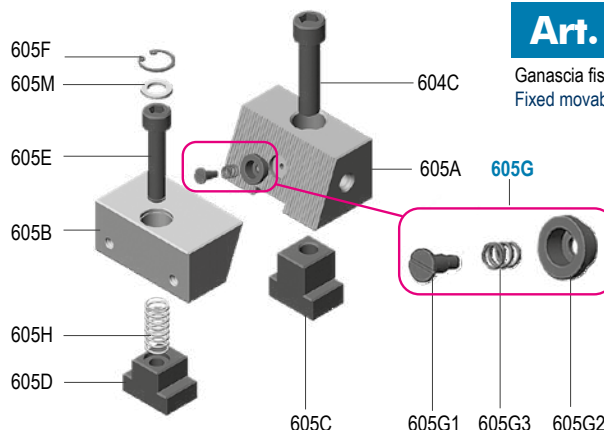
6



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

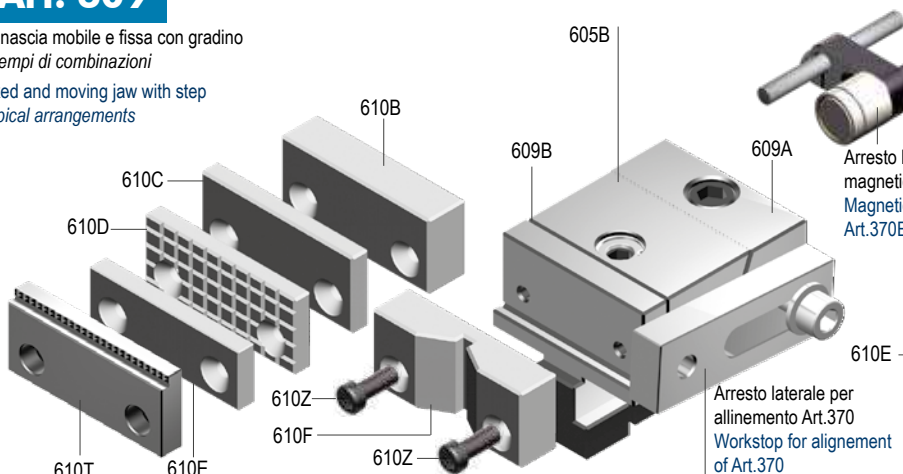

**Art. 605**

Ganascia fissa mobile  
Fixed movable jaw

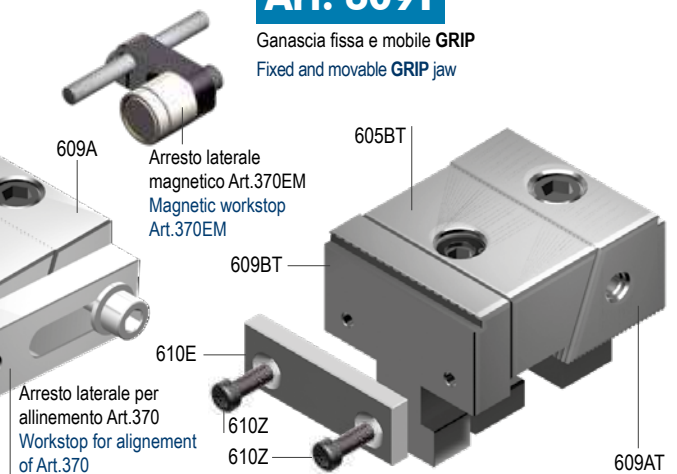
Tipo (grandezza) / Type (size)		1	2	3	
<b>Art. 605B</b> Cuneo di spinta Clamping wedge					
<b>Art. 605BT</b> Cuneo di spinta per piastra GRIP Clamping wedge for GRIP plate					
		Cod. Art. 605B	6.60.5B100	6.60.5B200	6.60.5B300
		Cod. Art. 605BT	6.60.5BT10	6.60.5BT20	6.60.5BT30
<b>Art. 609A</b> Cuneo di posizionamento con gradino Positioning wedge with step					
<b>Art. 609AT</b> 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
<b>Art. 609B</b> Ganascia mobile guidata con gradino Movable guided jaw with step					
<b>Art. 609BT</b> 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
<b>Art. 610B</b> 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
<b>Art. 610C</b> 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
<b>Art. 610D</b> 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
<b>Art. 610E</b> 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
<b>Art. 610T</b> Piastra ganascia GRIP a forte serraggio GRIP jaw plate for strongest clamping		A	48	73	98
		B	20	32	50
		C	8	10	10
		Cod.	6.61.0T100	6.61.0T200	6.61.0T300
<b>Art. 610F</b> Piastra ganascia prismatica Prismatic jaw plate		∅	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
<b>Art. 610Z</b> Vite per piastre ganasce Screw for jaw plates		Cod.	6.61.0Z100	6.61.0Z200	6.61.0Z300

**Art. 609**

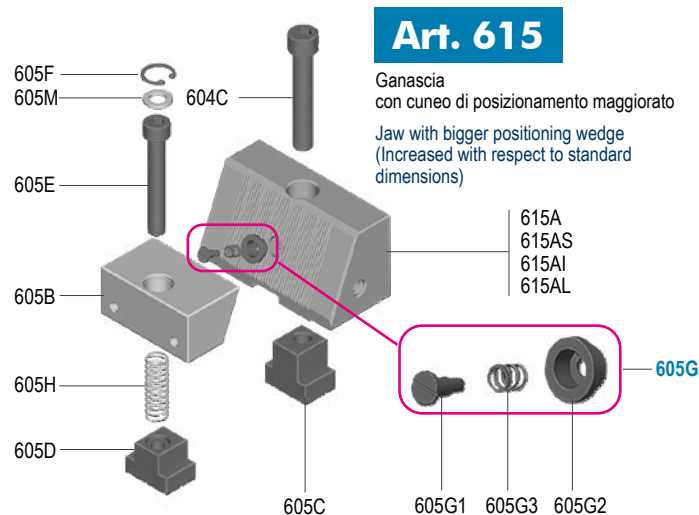
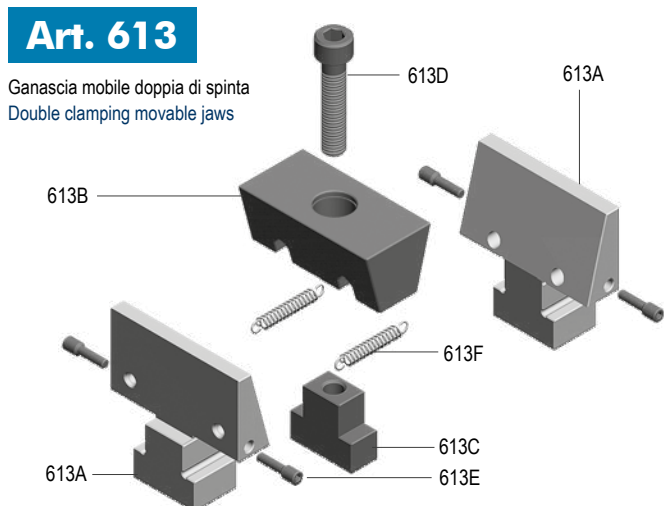
Ganascia mobile e fissa con gradino  
*Esempi di combinazioni*  
 Fixed and moving jaw with step  
*Typical arrangements*


**Art. 609T**

Ganascia fissa e mobile GRIP  
 Fixed and movable GRIP jaw



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

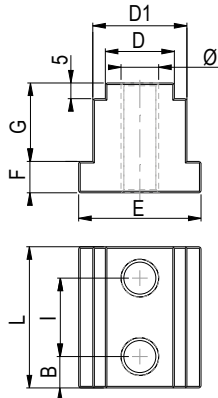
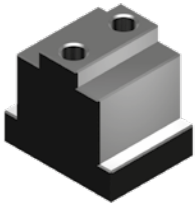


# DADI A "T" PER TRASFORMAZIONI

## "T" NUTS FOR TRANSFORMATIONS

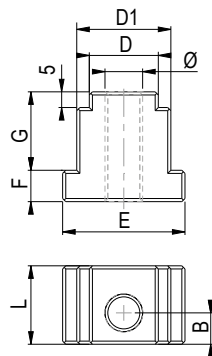
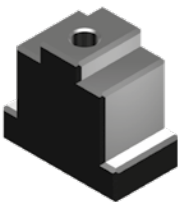
**Tipo (grandezza) / Type (size)**
**Base / Base**  
**Ganascia / Jaw**
**Tipo - Type 2**  
**Tipo - Type 1**
**Tipo - Type 3**  
**Tipo - Type 1**
**Tipo - Type 3**  
**Tipo - Type 2**

### Art. 604B

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


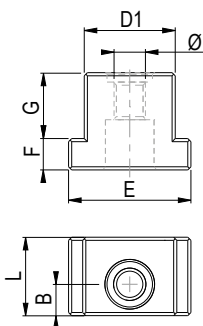
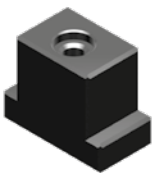
B	6	6	10
D	14	14	22
D1	22	30	30
E	34	39	39
F	14	14	14
G	19	25	25
I	18	18	25
L	30	30	45
Ø	M8	M8	M12
Cod	6.60.4B100/2	6.60.4B100/3	6.60.4B200/3

### Art. 605C

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


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

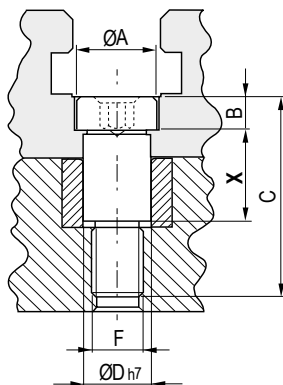
### Art. 605D

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


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

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

### Art. 81

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

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

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

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

Tipo (grandezza) / Type (size)		1	2	3
<b>Art. 616</b>	Coppia di piastre parallele magnetiche piane Pair of straight parallels magnetic plates			
		J 2,7 W 49 H 20 Cod. 6.61.6100C	2,7 74 35 6.61.6200C	2,7 99 55 6.61.6300C
<b>Art. 617</b>	Piastra magnetica a gradino monoblocco Magnetic solid step jaw plate			
		J 12 W 49 H 20 Cod. 6.61.71020	17 74 35 6.61.72035	22 99 55 6.61.73055
<b>Art. 618</b>	Ganascia fissa ridotta Narrow width fixed jaw			
		J 18 W 49 H 25 Cod. 6.61.81000	22 74 40 6.61.82000	29 99 60 6.61.83000
<b>Art. 604R</b>	Ganascia fissa di partenza Fixed start jaw			
		J 25 W 49 B 25 Cod. 6.60.4R100	30 74 40 6.60.4R200	35 60 60 6.60.4R300
		<b>PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY</b>		
<b>Art. 608R</b>	Ganascia fissa di partenza con gradino Fixed start jaw with step			
		J 26 W 49 B 25 Cod. 6.60.8R100	36 74 40 6.60.8R200	41 60 60 6.60.8R300
		<b>PER UNA MAGGIORE APERTURA - FOR MORE OPENING CAPACITY</b>		
<b>Art. 604PC</b>	Piastra ganascia fissa di partenza per cubo-morsa Fixed start jaw plate for vise tower			
		J 20 W 49 A 150 B 25 Cod. 6.60.4PC10	30 74 230 40 6.60.4PC20	30 60 320 60 6.60.4PC30
		*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		
<b>Art. 79 R</b>	Perno di allineamento regolabile per Multiflex montata su cubo portapezzi Adjustable alignment pin for Multiflex vise mounted on tombstone			
		Cod.	6.79.R1000	
<b>Art. 297 R</b>	Chiavetta di allineamento per Multiflex montata su cubo portapezzi Alignment key-nut for Multiflex vise mounted on tombstone			
		Cod.	6.29.7R100	
<b>Art. 370EM</b>	Arresto laterale magnetico Magnetic workshop			
		Cod.	7.37.02000/EM	
<b>Art. 376</b>	Chiave a T T wrench			
		CH 6 Cod. 0.09.23600	8 0.09.24800	10 0.09.25100
			14 0.09.27140	16 0.09.28160



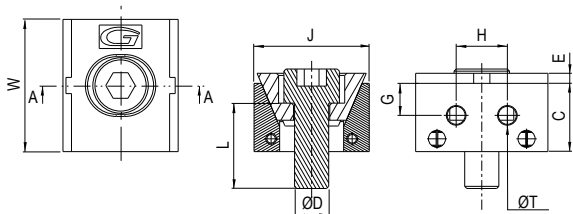
# SERRAGGIO A CUNEO DISCENDENTE

## JAWS WEDGE CLAMP

Tipo (grandezza) / Type (size)		1	2	3
	kN	15	30	60
<b>Art.723A*</b>				
W		31	42	58
C		16	23	30
ØD		M8	M12	M16
E		2	3,5	4
G		7,5	11,5	15
H		12	18	26
J		27 ÷ 32	42 ÷ 49	57 ÷ 66
L		20	30	35
ØT		M5	M5	M5
Cod.		6.72.3A100	6.72.3A200	6.72.3A300

### Art.723A\*

Ganascia liscia  
con fori filettati  
Smooth jaw with holes



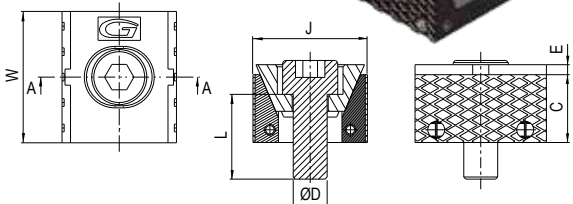
**Acciaio Temprato - Hardened Steel**

\* Arresto laterale a richiesta Workstop on request

Tipo (grandezza) / Type (size)		1	2	3
	kN	15	30	60
<b>Art.723B*</b>				
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

### Art.723B\*

Ganascia zigrinata  
Serrated jaw



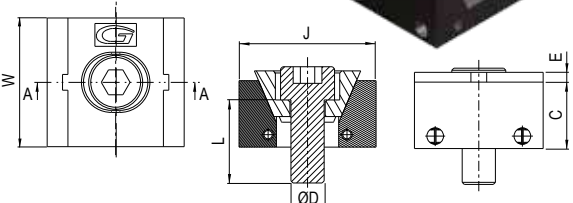
**Acciaio Temprato - Hardened Steel**

\* Arresto laterale a richiesta Workstop on request

Tipo (grandezza) / Type (size)		1	2	3
	kN	15	30	60
<b>Art.723C*</b>				
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

### Art.723C\*

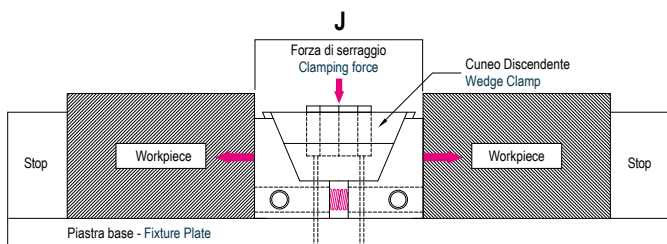
Ganascia lavorabile  
Machineable jaw



**NON Temprato - NOT Hardened**

\* Arresto laterale a richiesta Workstop on request

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



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

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

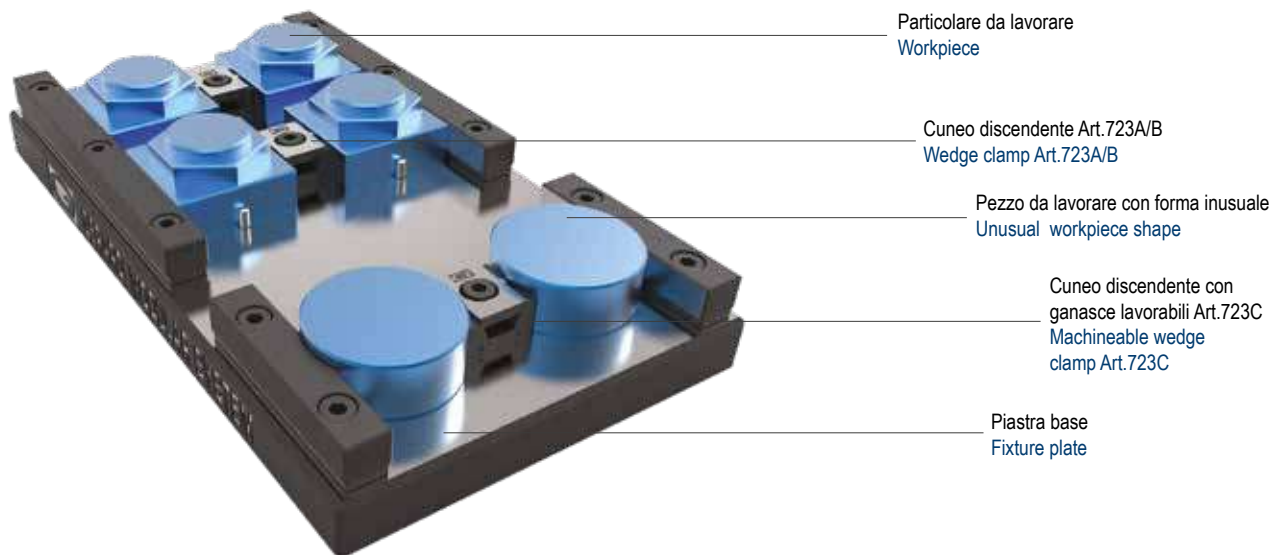
# SERRAGGIO A CUNEO DISCENDENTE

## JAWS WEDGE CLAMP



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.

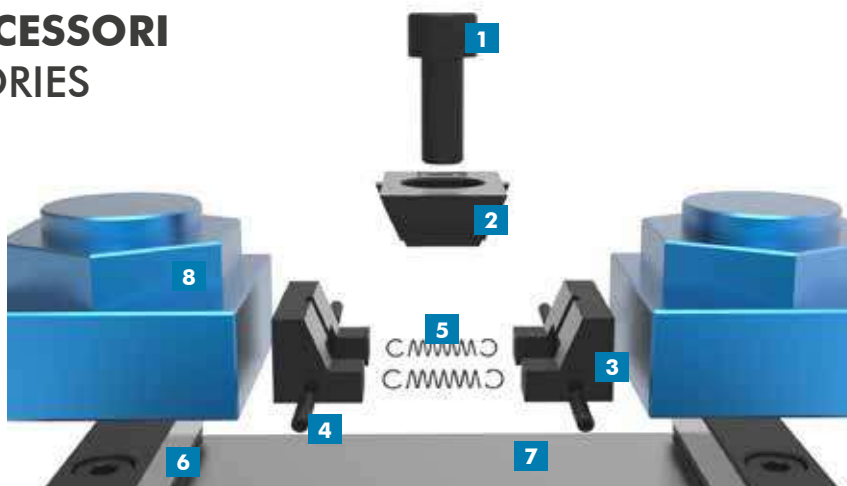
If your workpiece is suitable for clamping with Gerardi wedge clamps, our team can design and manufacture a multiple clamping fixture for you as the one shown in the picture. Please send us your enquiries with workpiece + machine table specifications of your machining center to enable us check suitability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



## PARTI DI RICAMBIO e ACCESSORI

### SPARE PARTS and ACCESSORIES

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



## ESEMPI APPLICATIVI

### BESPOKEN APPLICATION'S EXAMPLES

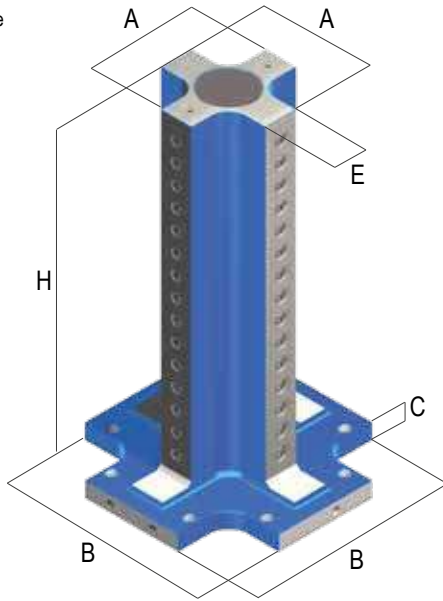


Sovratavola con sistema di serraggio a cunei discendenti per un serraggio di due pezzi contemporaneamente con un solo cuneo. Il tutto è montato su piastra ZeroPoint.  
Head plate interfaced for clamping system with descending wedges. For clamping of two pieces simultaneously with only one wedge. All the fixture is mounted on a Zero Point plate.



Sovratavola ZeroPoint con sistema di serraggio a cunei discendenti su file multiple. Questo consente un serraggio di due pezzi contemporaneamente con un solo cuneo. Il tutto è montato su piastra ZeroPoint.  
Head plate interfaced for clamping system with descending wedges on multiple rows. For clamping of two pieces simultaneously with only one wedge. All the fixture is mounted on a Zero Point plate.

**Dimensioni - Dimensions**
**Art. 57F**

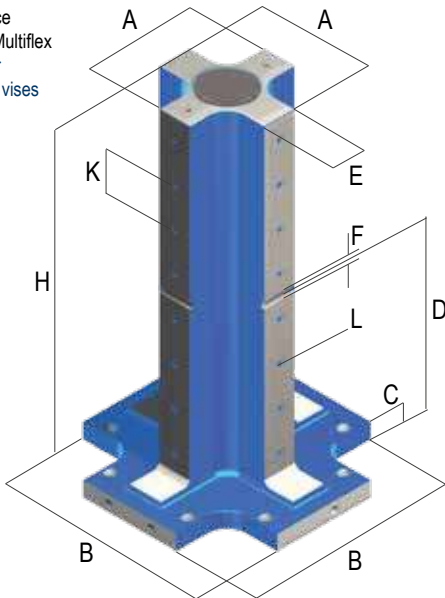
 Cubo a croce  
 Cross tower


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

**Art. 57F 40**

 Croce a reticolo con bussole temprate 100Cr6  
 e filetti riportati in acciaio inox. Tolleranza  $\pm 0,02$  mm  
 ■ Interasse reticolo 40 mm =  $\varnothing 12 / M10$   
 ■ Interasse reticolo 50 mm =  $\varnothing 16 / M12$ 
**Art. 57F 50**

 Crosscube grid type with hardened bushing 100Cr6 and inox  
 steel helicoils. Tolerance  $\pm 0,02$  mm  
 ■ Grid pitch 40 mm =  $\varnothing 12 / M10$   
 ■ Grid pitch 50 mm =  $\varnothing 16 / M12$ 
**Dimensioni - Dimensions**
**Art. 57G**

 Cubo a croce  
 per morse Multiflex  
 Cross tower  
 for Multiflex vises


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

**Art. 79R**

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


Cod.

6.79.R1000

**Art. 297R**

 Chiavetta di allineamento per  
 Multiflex montata su cubo portapezzi  
 Alignment 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

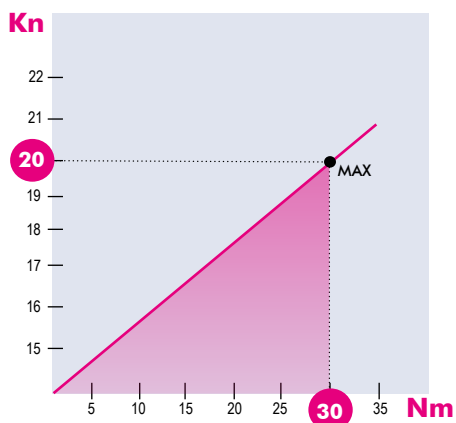
Mechanical clamping diagrams with torque wrench

Art. 357

#### Morse tipo Vises type

1

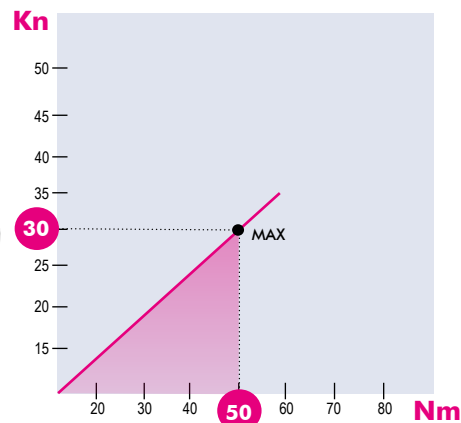
Cuneo di spinta:  
Momento massimo applicato 40Nm  
Clamping wedge: Torque 40Nm



#### Morse tipo Vises type

2

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



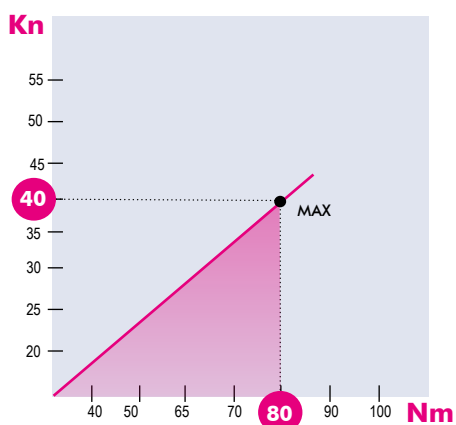
### Gruppi di serraggio meccanici / Mechanical clamping device

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




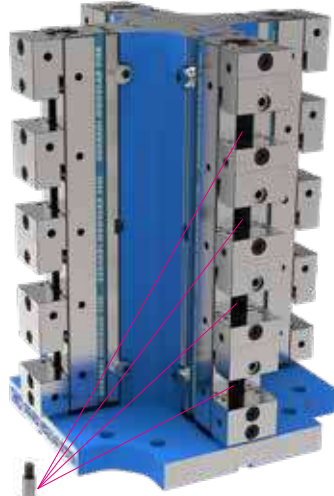
3

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



## MONTAGGIO MORSE in VERTICALE su CUBO INTERFACCIATO

### WISE VERTICAL MOUNTING on COMPLETELY INTERFACED TOMBSTONES

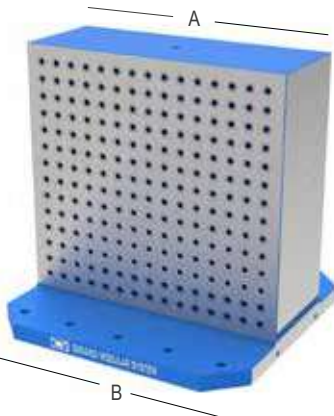

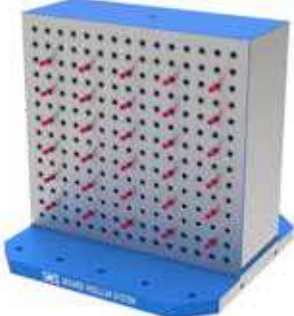
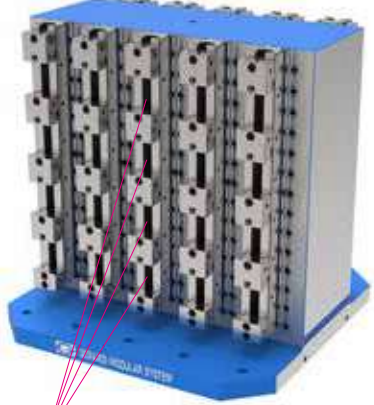
Cubo lavorato Art.57G Machined cube Art.57G	Tipo di morsa Vise type	Montaggio e allineamento* Mounting & alignment*	Cubo con morse Cube with vises
<p>Cod. 8.57.G00105 Dim. A=200 / B=500 / E= 80 H=650</p> 	<p>Art.600 Tipo 2x600</p>  <p>n°morse Vises n° <b>x 4</b></p>	<p><b>Per morsa / each vise</b></p>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

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

Certificato di collaudo  
Certificate test

## PREDISPOSIZIONE e MONTAGGIO MORSE su SPALLA a RETICOLO

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

Spalla a reticolo Art.55F 2 sides grid tombstone Art.55F	Tipo di morsa Vise type	Predisposizione e montaggio* Set-up & Mounting*	Spalla con morse 2 sides tombstone with vises
<p>Cod. 8.55.F00191 Dim. A=800 / B=800 / H=800</p> 	<p>Art.600 Tipo 2x700</p>  <p>n°morse Vises n° <b>x 10</b></p>	<p><b>Per morsa / each vise</b></p>  <p>Importo per montaggio ed allineamento di ogni morsa. Amount need for each vise mounting and alignment.</p>	 <p>Art.83</p>

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

Certificato di collaudo  
Certificate test

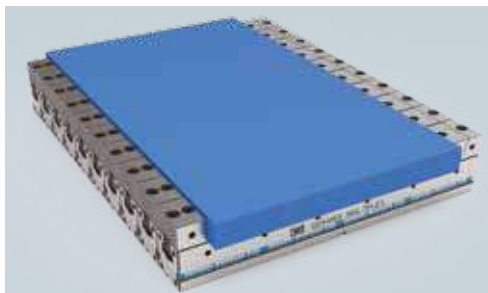


## Soluzioni personalizzate / Customized solutions

# MULTIFLEX

### Soluzioni personalizzate a tutti i vostri problemi di serraggio

*Customized solutions for all your clamping problems*



#### Montaggio in parallelo

*Parallel mounting*

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

10 Multiflex vises parallel mounting for clamping a big size workpiece

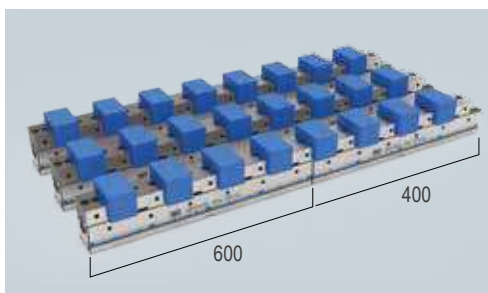


#### Montaggio in parallelo

*Parallel mounting*

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

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

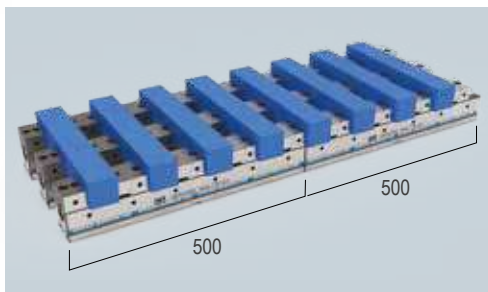


#### Montaggio in linea

*In line mounting*

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

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

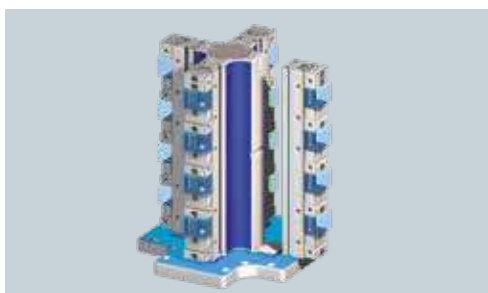


#### Montaggio in linea

*In line mounting*

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

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



#### Cubo Morsa

*Tombstone + vises*

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

Crosscube Art.57G with various Gerardi vises vertically assembled

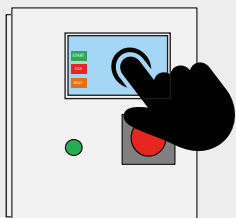
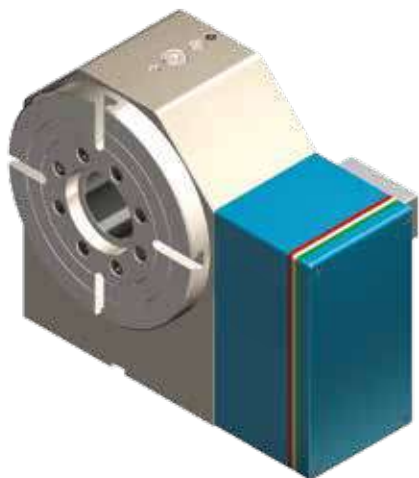
# DIVISORE AUTOMATICO DPG 250

## AUTOMATIC DIVIDING HEAD DPG 250

**Divisore automatico**  
Automatic dividing head

**Dati tecnici**  
Technical Data

### DPG 250



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

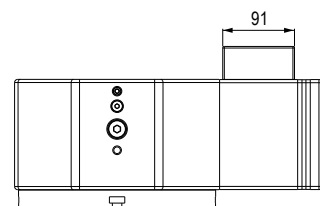
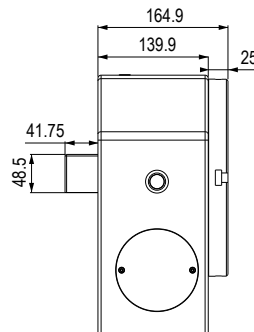
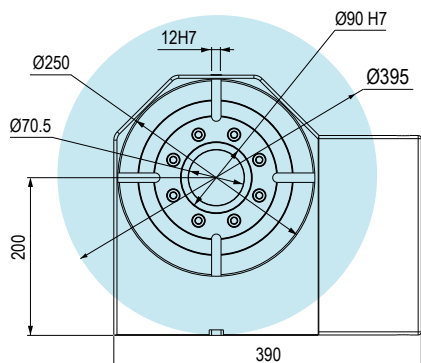
**EASY AND INTUITIVE TOUCH SCREEN**  
PROGRAMMING OR THROUGH DIRECT CONNECTION TO THE CNC

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

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

Diametro del divisore Dividing head diameter		250 mm
Diametro del foro passante Clearance hole diameter		70,5 mm
Altezza punta Center height		200 mm
Dimensione della scanalatura a T T-Slot width		12 mm
Sistema di bloccaggio Clamping system		Idrraulico 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. m <sup>2</sup>
Coppia in lavoro Driving torque	Corona dentata Worm gear	698 Nm
Kg		110
Cod.		8.DP.G2500

### DPG 250



Tipo (grandezza) / Type (size)		1					2			
Divisore Gerardi <b>DPG250</b> con cubo-morsa <b>MULTIFLEX</b> per il serraggio di particolari di tutte le forme e dimensioni.	C <sup>-0</sup> <sub>-0,02</sub>	100					150			
	D	300	400	500	600	700	400	500	600	700
	G <sup>-0</sup> <sub>-0,02</sub>	50					75			
	Ø I <sup>H7</sup>	25					50			
	L <sup>-0</sup> <sub>-0,02</sub>	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	

 Morse 607  
 Art.607 vises

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

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

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

 Supporto  
 Support


Cod. 7.99.A1000

**Art. 99B**

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


Cod. 6.99.B1000

6.99.B2000

**Art. 99H**

 Distanziale per supporto  
 Spacer support


Cod. 6.99.H1000

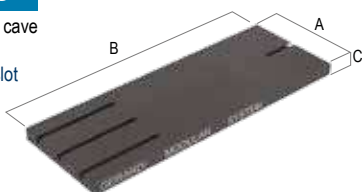
**Art. 62K**
**DPG 250**

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


Cod. 6.62.K603A8

6.62.K603A9

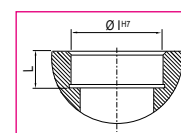
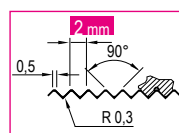
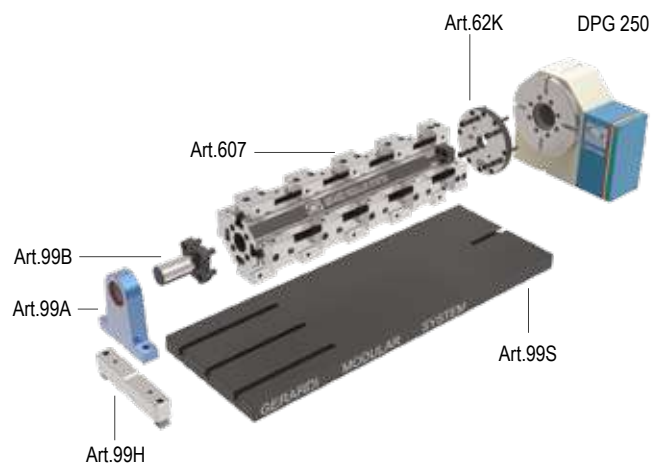
**Art. 99S**

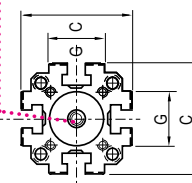
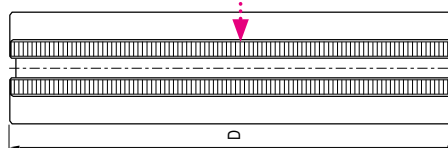
 Piastra base con cave  
 Piani rettificati  
 Base plate with slot  
 Faces ground


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

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

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


 Foro di centraggio  
 Centering hole

 2 mm =  
 Passo delle righe  
 Rows pitch


# DIVISORE MECCANICO DIVIGER 205


## MECHANICAL DIVIDING HEAD DIVIGER 205

**Divisore automatico**  
Automatic dividing head

**Dati tecnici**  
Technical Data

### DIVIGER 205



Diametro del divisore Dividing head diameter	220 mm
Diametro del foro passante Clearance hole diameter	85 mm
Altezza centrale Center height	200 mm
Dimensione della scanalatura a T T-Slot width	-
Sistema di bloccaggio Clamping system	Meccanico Mechanical
Minimo incremento Minimum increment	1°
Precisione Indexing accuracy	±10 Sec.
Coppia in lavoro Driving torque	 3000 Nm
Kg	93
Cod.	7.66.73000

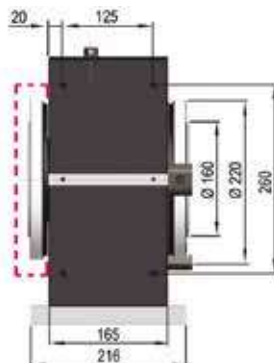
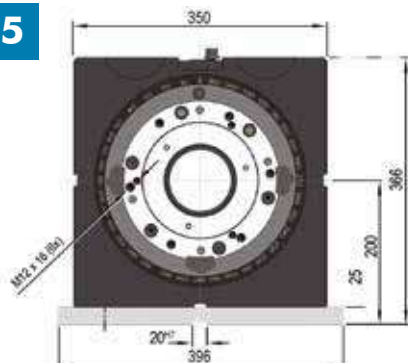
DIVISORE MECCANICO, SENZA CAVI O IDRAULICA,  
PERMACCHINE A CNC

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

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

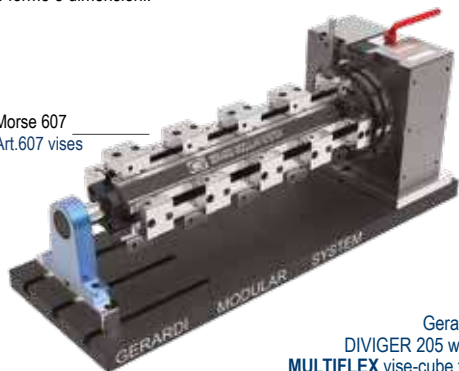


### DIVIGER 205





Tipo (grandezza) / Type (size)	1					2			
C <sup>-0</sup> / <sub>-0,02</sub>	100					150			
D	300	400	500	600	700	400	500	600	700
G <sup>-0</sup> / <sub>-0,02</sub>	50					75			
Ø I <sup>H7</sup>	25					50			
L <sup>-0</sup> / <sub>-0,02</sub>	20					20			
Cod.	6.DI.V/20500	6.DI.V/20510	6.DI.V/20520	6.DI.V/20530	6.DI.V/20540	6.DI.V/20550	6.DI.V/20560	6.DI.V/20570	6.DI.V/20580

 Morse 607  
 Art.607 vises

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

**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 alignment system


Cod. 6.99.B1000 6.99.B2000

**Art. 99H**

 Distanziale per supporto  
 Spacer support

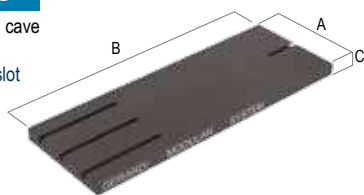

Cod. 6.99.H1000

**Art. 62K**
**DIVIGER 205**

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


Cod. 6.62.K603A8 6.62.K603A9

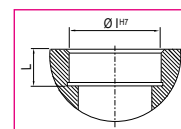
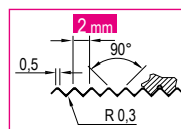
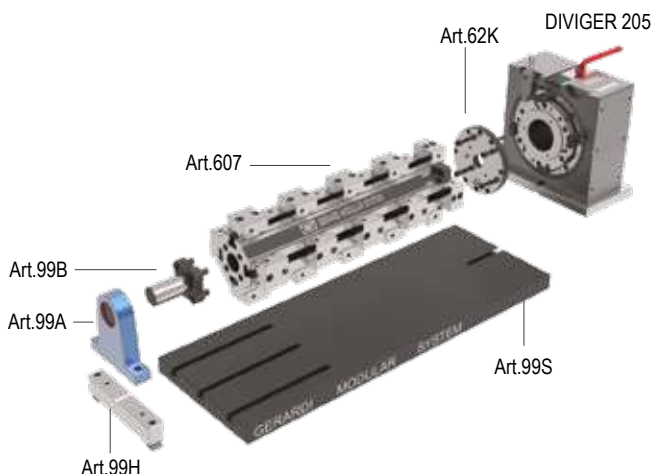
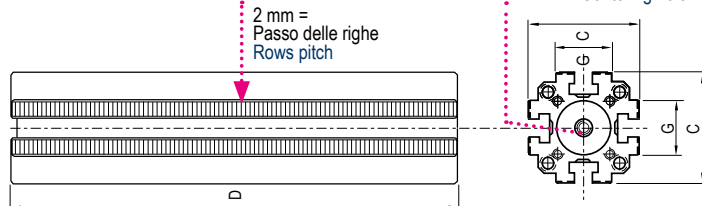
**Art. 99S**

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


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

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

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


 Foro di centraggio  
 Centering hole




# ISTRUZIONI PER UN CORRETTO UTILIZZO

## INSTRUCTIONS FOR A PROPER USE



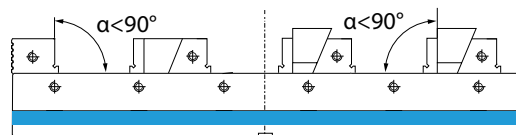
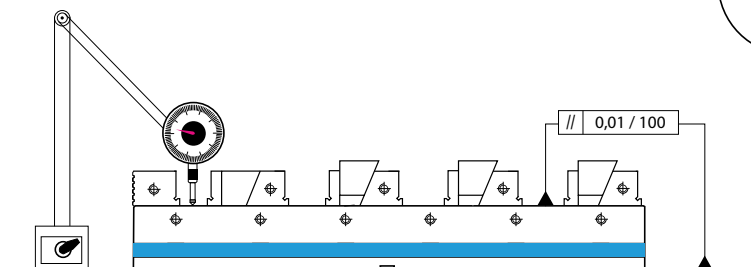
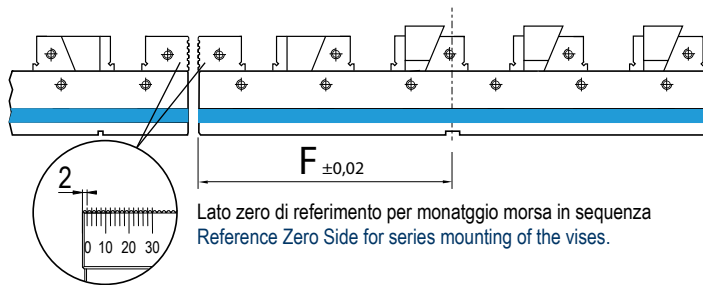
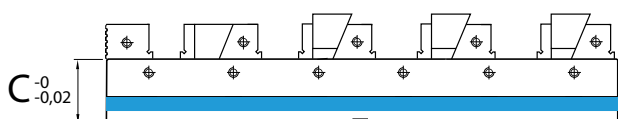
### Libretto Istruzioni / Instruction Book

Scansiona il QR code e scarica le istruzioni complete

Scan the QR code to download the complete instructions

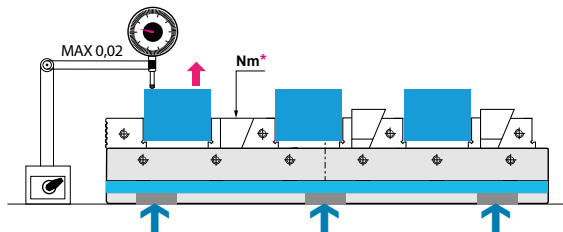
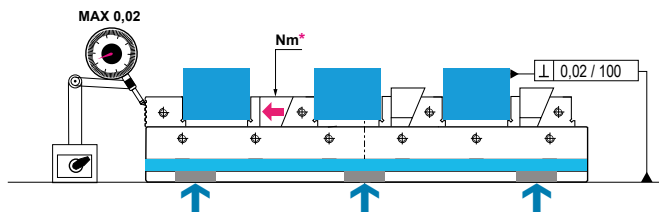
### TOLLERANZE GEOMETRICHE

### 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