

# MULTIFLEX MORSE & CUBI - VISES & VISE TOWERS



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# VALIGETTA DI CAMPIONATURA STD (Art.600)

## SAMPLE KIT CASE STD (Art.600)

**NEW!**

**Art. 984**

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

Cod. 0.98.40000

|   |              |
|---|--------------|
| € | <b>1.886</b> |
|---|--------------|

| All'Interno - Inside: |          |  |          |   |         |
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|                       | Art.604  |  | Art.610B |   | Art.297 |
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## SIMBOLOGIA DATI TECNICI

## TECHNICAL DATA ICONS

|                                  |  |  |  |  |   |  |  |  |   |
|----------------------------------|--|--|--|--|---|--|--|--|---|
| GANASCE<br>JAWS                  |  |  | Ganascia fissa<br>Fixed jaw                                  |  | Ganascia mobile e fissa<br>Fixed and movable jaws |  | Ganascia mobile e fissa a gradino<br>Fixed and movable jaw with step |  | Ganascia mobile doppia<br>Double movable jaw            |
| PIASTRE GANASCE<br>JAW PLATES    |  |  |  |  |   |  | Piana<br>Straight  |  | GRIP<br>GRIP  |
| POSSIBILITÀ DI<br>POSSIBILITY OF |  |  | Posizionamento & cambio rapido<br>Quick change & positioning |  | Cubi-morsa<br>Vise tower                          |  | Divisore automatico<br>Dividing head                                 |  | Divisore Meccanico<br>Mechanical dividing head          |
| PAGINE<br>PAGES                  |  |  |  |  | Accessori & Ricambi<br>Accessories & Spare Parts  |  | Istruzioni corretto utilizzo<br>Instruction for a proper use         |  | Diagrammi forze di serraggio<br>Clamping force diagrams |

# MORSE e CUBI-MORSE serie MULTIFLEX

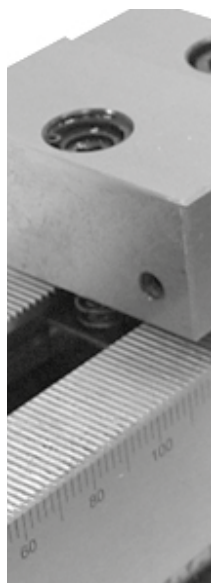
## MULTIFLEX series VISES and VISE-TOWERS

**MULTIFLEX: LE PIÙ VERSATILI ! Per serraggi multipli fino a 19 pezzi anche di dimensioni differenti**  
**SERIES MULTIFLEX: THE MOST VERSATILE VISE ! For flexible clamping of multiple workpieces of various sizes**

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.



### USURA INESISTENTE

Grazie all'accurata scelta dei materiali impiegati ed allo studio dimensionale computerizzato dei componenti. **Costruzione completamente in speciali leghe di acciaio** ad alta resistenza, normalizzato, cementato e temprato con **durezza 60 ±2 HRC**. Tutto ciò al fine di conferire massima rigidità, elevate prestazioni e usura inesistente. A riprova di tutto ciò assicuriamo **5 ANNI DI GARANZIA** su tutto il programma morse e organi meccanici in genere.

### NO WEAR

Thanks to the manufacturing with only the most suitable materials and to the structure of the vise components (developed using computer customised softwares and the experience gained during many years spent working on the specific field). **High alloyed quality resistance steel, case hardened HRC 60 ±2**, is used in manufacturing all the Gerardi vises and accessories in order to give maximum rigidity, high performances and no wear. As evidence we give **5 YEARS WARRANTY** on all the vises and mechanical components.

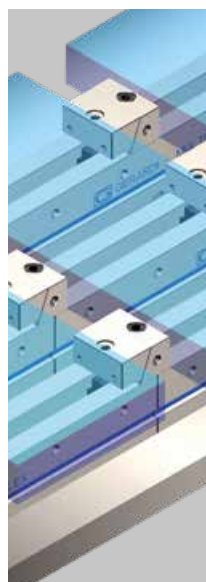


### TEMPI MINIMI DI SET UP E DI SERRAGGIO PEZZO

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

### MINIMUM OF SET UP AND CLAMPING TIMES

Quick and versatile jaws positioning very close to the workpiece.



### GAMMA ILLIMITATA DI SERRAGGI

(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 morse)

### UNLIMITED CLAMPING RANGE

(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)

### 1 GARANZIA DI MASSIMA PRECISIONE

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

### 1 HIGHEST ACCURACY

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

### 3 CUNEO DI SPINTA

Tramite rigatura a pettine per un miglior serraggio.

### 3 CLAMPING WEDGE

Best clamping thanks to the comb system

### 4 PREDISPOSIZIONE VERTICALE

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.

### 4 VERTICAL SET UP

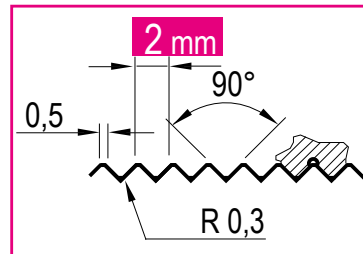
Through spacers, tombstones or vise-towers. MULTIFLEX vises can be vertically assembled linked each other or clamped to specific workholding structures.

### 2 VERSATILITA'

Possibilità di allineamento ed accoppiamento di ganasce e più morse su qualsiasi posizione della dentatura della base.

### 2 VERSATILITY

Possibility of vises matching and jaws alignment on whatever positioning on the vise base.



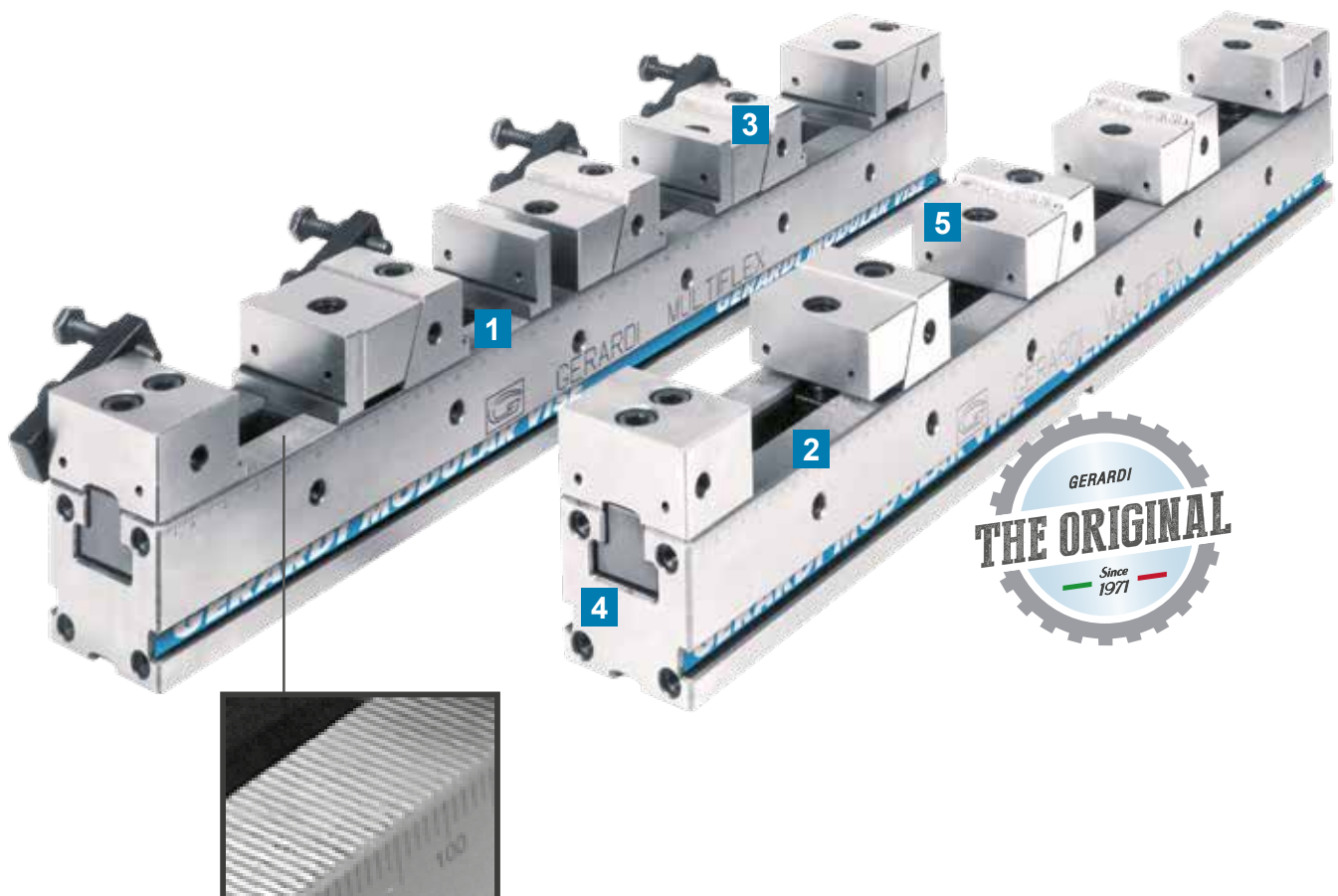
2 mm = Passo delle righe  
Rows pitch

### 5 AZIONE DISCENDENTE

Azione discendente del serraggio, grazie all' accoppiamento guidato con sistema a pettine di righe rettificate di ganascia fissa e di ganascia mobile.

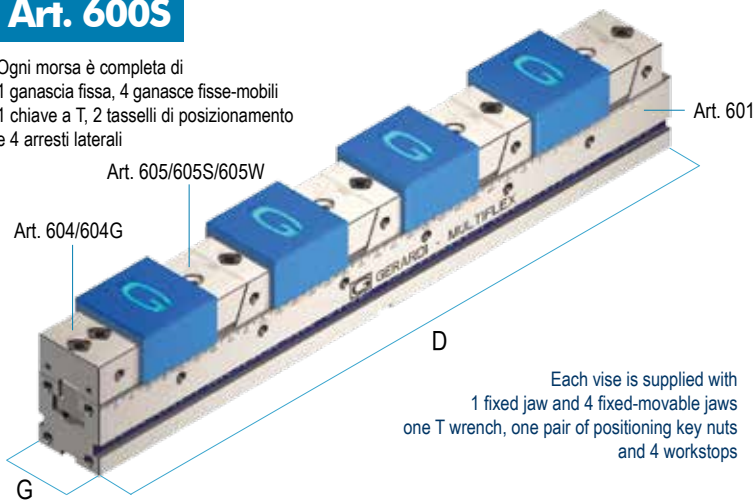
### 5 PULL DOWN JAW ACTION

Clamping accuracy and guided pull down jaw action thanks to the ground comb-teeth even between the fixed and movable jaws



**GUIDA RAPIDA PER LA SCELTA DELLA MORSA MULTIFLEX PIÙ ADATTA ALLE VOSTRE ESIGENZE**
**Tipo (grandezza) morsa / Vise type (size)**
**Art. 600**
**Art. 600W**
**NEW!**
**Art. 600S**

Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali



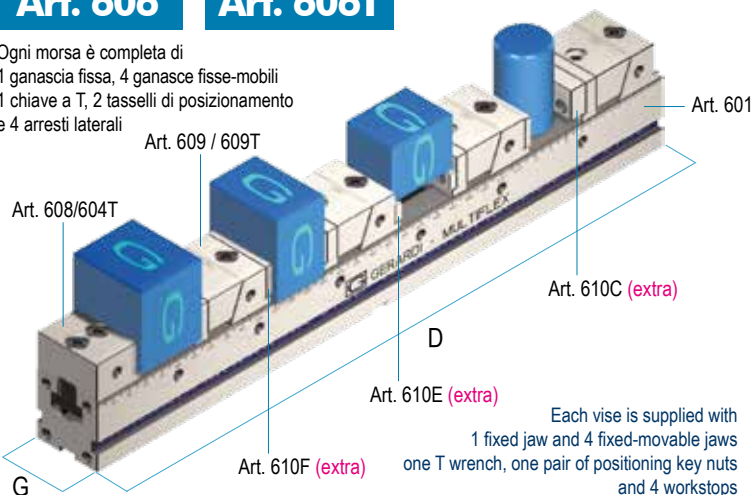
Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

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

| kN                | 1          |            |            |
|-------------------|------------|------------|------------|
|                   | 20 kN      |            |            |
| D                 | 300        | 400        | 500        |
| $G_{-0,02}^0$     | 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  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali



Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

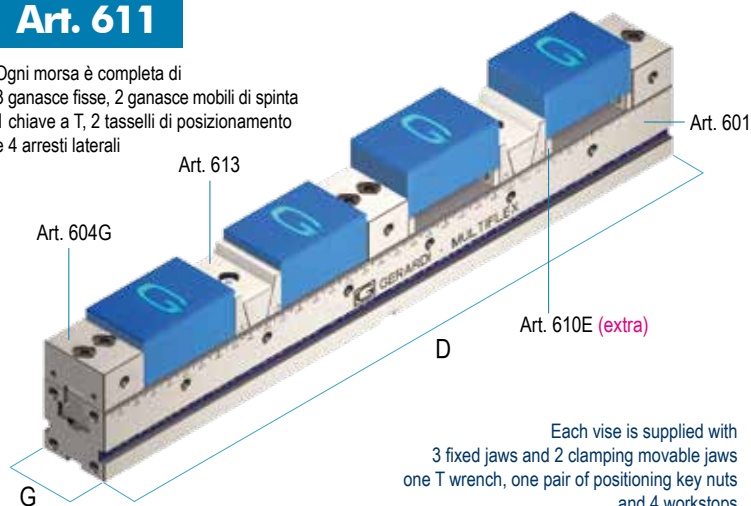
Apertura max in relazione al numero dei particolari  
 Max opening according to workpieces to be clamped

| D                 | 300 *      | 400        | 500        |
|-------------------|------------|------------|------------|
| $G_{-0,02}^0$     | 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 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

**Art. 611**

Ogni morsa è completa di  
 3 ganasce fisse, 2 ganasce mobili di spinta  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali



Each vise is supplied with  
 3 fixed jaws and 2 clamping movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

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

| D                 | 300        | 400        | 500        |
|-------------------|------------|------------|------------|
| $G_{-0,02}^0$     | 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 YOUR SPECIFIC APPLICATION**

| 1<br>20 kN |            | 2<br>30 kN |            |            |            |            |            | 3<br>40 kN |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 600        | 700        | 400        | 500        | 600        | 700        | 800        | 900        | 700        | 800        | 900        | 1000       |
| 50         | 50         | 75         | 75         | 75         | 75         | 75         | 75         | 100        | 100        | 100        | 100        |
| 508        | 608        | 275        | 375        | 475        | 575        | 675        | 755        | 532        | 632        | 732        | 832        |
| 225        | 275        | 100        | 150        | 200        | 250        | 300        | 350        | 217        | 267        | 317        | 367        |
| 129        | 161        | 41         | 75         | 108        | 141        | 175        | 280        | 112        | 145        | 178        | 211        |
| 83         | 108        | 12         | 37         | 62         | 87         | 112        | 137,5      | 59         | 84         | 109        | 134        |
| 55         | 75         | -          | 15         | 35         | 55         | 75         | 95         | 28         | 48         | 68         | 88         |
| 36         | 52         | -          | -          | 16         | 33         | 50         | 66,5       | 7          | 23         | 39         | 55         |
| 22         | 36         | -          | -          | 3          | 17         | 32         | 46         | -          | 6          | 2          | 34         |
| 12         | 24         | -          | -          | -          | 6          | 18         | 31         | -          | -          | 5          | 18         |
| 5          | 16         | -          | -          | -          | -          | 8          | 19         | -          | -          | -          | 5          |
| -          | 8          | -          | -          | -          | -          | -          | 10         | -          | -          | -          | -          |
| -          | 2          | -          | -          | -          | -          | -          | 2          | -          | -          | -          | -          |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 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 |
| 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 |
| 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 |

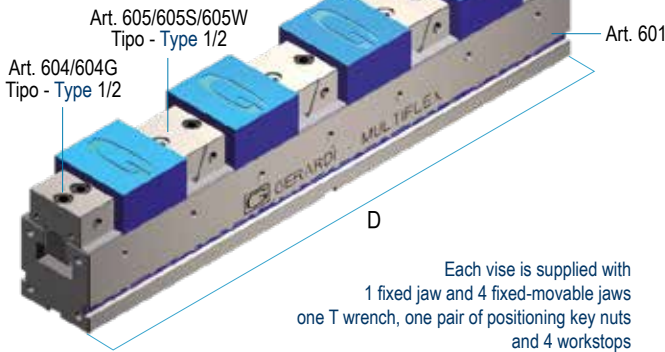
  

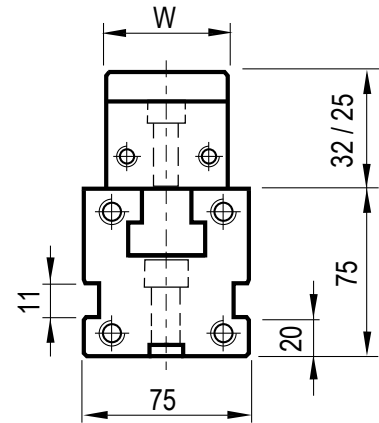
| 600        | 700        | 400 *      | 500        | 600        | 700        | 800        | 900        | 700        | 800        | 900        | 1000       |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 50         | 50         | 75         | 75         | 75         | 75         | 75         | 75         | 100        | 100        | 100        | 100        |
| 493        | 593        | 262        | 362        | 462        | 562        | 662        | 762        | 512        | 612        | 712        | 812        |
| 213        | 263        | 87         | 137        | 187        | 237        | 287        | 337        | 197        | 247        | 294        | 347        |
| 119        | 152        | 28         | 62         | 95         | 128        | 162        | 195        | 92         | 125        | 158        | 191        |
| 73         | 97         | -          | 24         | 49         | 74         | 99         | 124,5      | 39         | 64         | 89         | 114        |
| 45         | 64         | -          | 2          | 22         | 42         | 62         | 82         | 8          | 28         | 48         | 68         |
| 26         | 42         | -          | -          | 3          | 20         | 37         | 53,5       | -          | 3          | 20         | 37         |
| 13         | 26         | -          | -          | -          | 4          | 19         | 33         | -          | -          | -          | 14         |
| -          | 14         | -          | -          | -          | -          | 5          | 18         | -          | -          | -          | -          |
| -          | 5          | -          | -          | -          | -          | -          | 6          | -          | -          | -          | -          |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 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 |
| 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 |

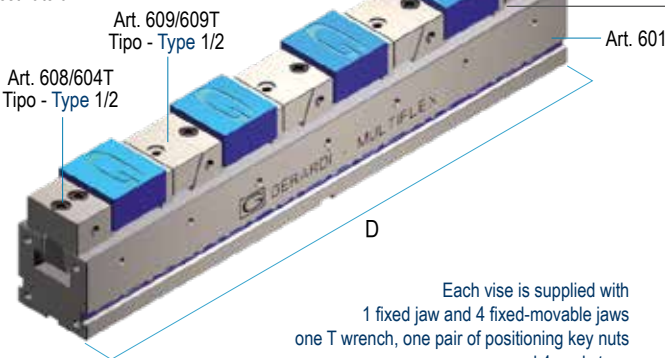
  

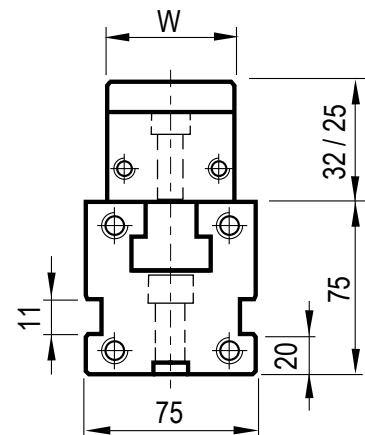
| 600        | 700        | 400        | 500        | 600        | 700        | 800        | 900        | 700        | 800        | 900        | 1000       |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|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

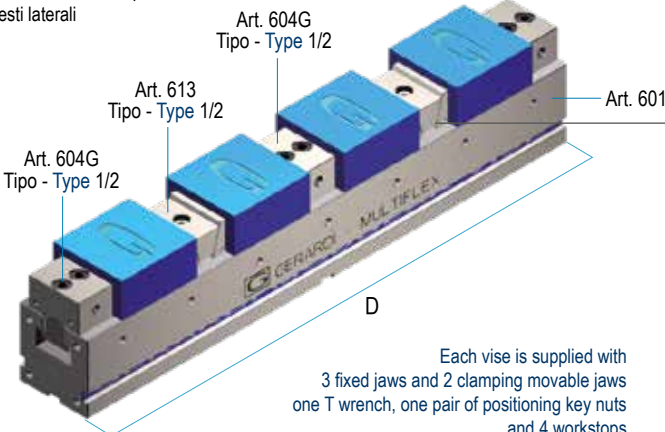
**GUIDA RAPIDA PER LA SCELTA DELLA MORSA MULTIFLEX PIÙ ADATTA ALLE VOSTRE ESIGENZE**
**GANASCIA Tipo 1 (49mm) su BASE Tipo 2 / JAW Type 1 (49mm) on BASE Type 2**
**Art. 632**
**Art. 632W** **NEW!**
**Art. 632S**

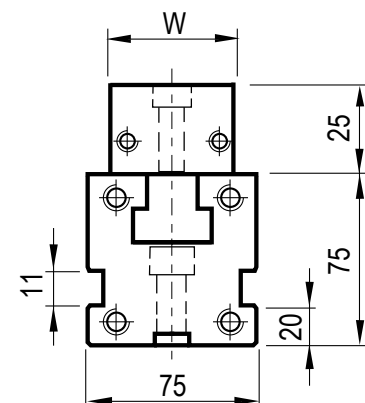
 Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 - Jaw type 1**  
**Base tipo 2 - Base type 2**

**Art. 652**
**Art. 652T** **NEW!**

 Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 - Jaw type 1**  
**Base tipo 2 - Base type 2**

**Art. 692**

 Ogni morsa è completa di  
 3 ganasce fisse, 2 ganasce mobili di spinta  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 3 fixed jaws and 2 clamping movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 - Jaw type 1**  
**Base tipo 2 - Base type 2**




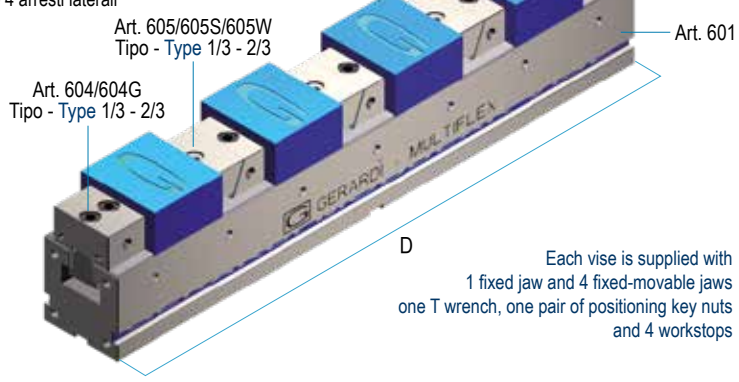
**QUICK GUIDE FOR THE PROPER MULTIFLEX VISE CHOICE ACCORDING YOUR SPECIFIC APPLICATION**
**GANASCIA Tipo 1 - / JAW Type 1**

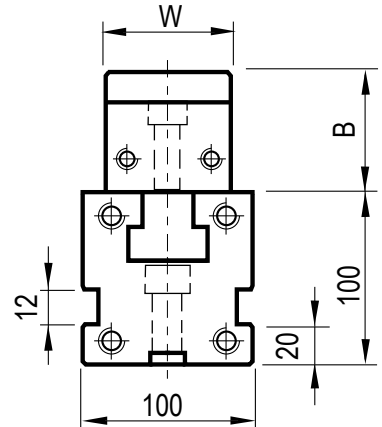
| kN                |            | 20 kN      |            |            |            |            |  |
|-------------------|------------|------------|------------|------------|------------|------------|--|
| D                 | 400        | 500        | 600        | 700        | 800        | 900        |  |
| W                 | 49         |            |            |            |            |            |  |
| 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 |  |

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

| kN                |            | 20 kN      |            |            |            |            |  |
|-------------------|------------|------------|------------|------------|------------|------------|--|
| D                 | 400        | 500        | 600        | 700        | 800        | 900        |  |
| W                 | 49         |            |            |            |            |            |  |
| 1 pezzo / piece   | 277        | 377        | 477        | 577        | 677        | 777        |  |
| 2 pezzi / pieces  | 138,5      | 188,5      | 238,5      | 288,5      | 338,5      | 388,5      |  |
| 3 pezzi / pieces  | 64         | 97,3       | 130,7      | 164        | 197,3      | 230,7      |  |
| 4 pezzi / pieces  | 48         | 73         | 98         | 123        | 148        | 173        |  |
| 5 pezzi / pieces  | 21,4       | 41,4       | 61,4       | 81,4       | 101,4      | 121,4      |  |
| 6 pezzi / pieces  | 17,8       | 34,5       | 51,2       | 67,8       | 84,5       | 101,2      |  |
| 7 pezzi / pieces  | 3,1        | 17,4       | 31,7       | 46         | 60,3       | 74,6       |  |
| 8 pezzi / pieces  | 2,8        | 15,3       | 27,8       | 40,3       | 52,8       | 65,3       |  |
| 9 pezzi / pieces  | -          | 4,1        | 15,2       | 26,3       | 37,4       | 48,6       |  |
| 10 pezzi / pieces | -          | 3,7        | 13,7       | 23,7       | 33,7       | 43,7       |  |
| 11 pezzi / pieces | -          | -          | 4,7        | 13,8       | 22,9       | 32         |  |
| 12 pezzi / pieces | -          | -          | 4,3        | 12,7       | 21         | 29,3       |  |
| 13 pezzi / pieces | -          | -          | -          | 5,2        | 12,8       | 20,5       |  |
| 14 pezzi / pieces | -          | -          | -          | 1,4        | 8,6        | 15,7       |  |
| 15 pezzi / pieces | -          | -          | -          | -          | 5,5        | 12,1       |  |
| 16 pezzi / pieces | -          | -          | -          | -          | 2,2        | 8,4        |  |
| 17 pezzi / pieces | -          | -          | -          | -          | -          | 5,7        |  |
| Cod.              | 6.69.21400 | 6.69.21500 | 6.69.21600 | 6.69.21700 | 6.69.21800 | 6.69.21900 |  |

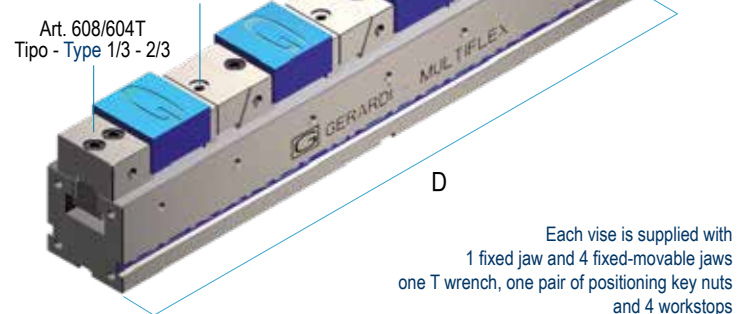
**GUIDA RAPIDA PER LA SCELTA DELLA MORSA MULTIFLEX PIÙ ADATTA ALLE VOSTRE ESIGENZE**
**GANASCIA Tipo 1 o Tipo 2 (49 o 74mm) su BASE Tipo 3 / JAW Type 1 or Type 2 (49 o 74mm) on BASE Type 3**
**Art. 633 Art. 633W NEW!**
**Art. 633S**

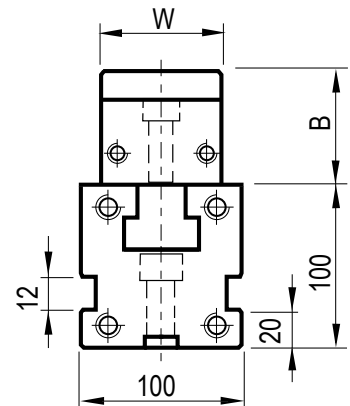
 Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 o 2 - Base tipo 3**  
**Jaw type 1 or 2 - Base type 3**


Vedi quota B pag. 6.12 - For dimension B see page 6.12

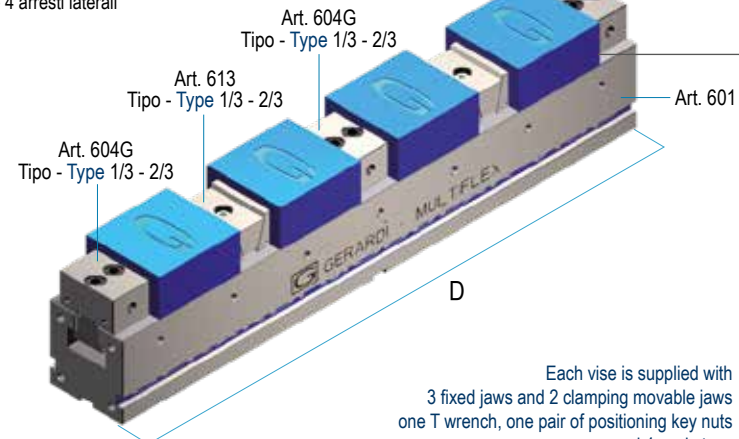
**Art. 653 Art. 653T NEW!**
**Art. 653**

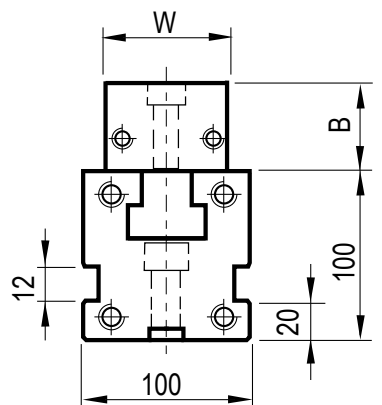
 Ogni morsa è completa di  
 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 1 fixed jaw and 4 fixed-movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 o 2 - Base tipo 3**  
**Jaw type 1 or 2 - Base type 3**


Vedi quota B pag. 6.14 - For dimension B see page 6.14

**Art. 693**

 Ogni morsa è completa di  
 3 ganasce fisse, 2 ganasce mobili di spinta  
 1 chiave a T, 2 tasselli di posizionamento  
 e 4 arresti laterali

 Each vise is supplied with  
 3 fixed jaws and 2 clamping movable jaws  
 one T wrench, one pair of positioning key nuts  
 and 4 workstops

**Ganascia tipo 1 o 2 - Base tipo 3**  
**Jaw type 1 or 2 - Base type 3**


Vedi quota B pag. 6.12 - For dimension B see page 6.12

6

**QUICK GUIDE FOR THE PROPER MULTIFLEX VISE CHOICE ACCORDING 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 |

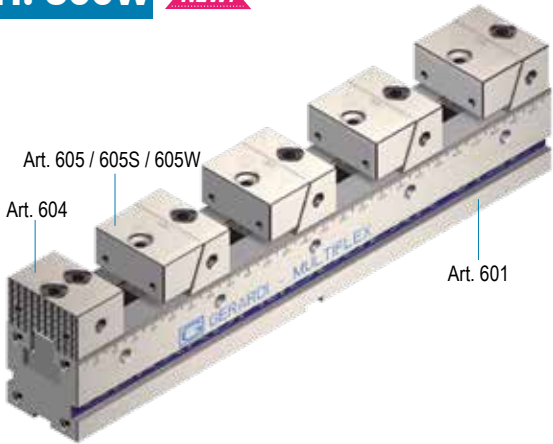
| kN                | GANASCIA Tipo 1 - / JAW Type 1 |            |            |            | GANASCIA Tipo 2 - / JAW Type 2 |            |            |            |
|-------------------|--------------------------------|------------|------------|------------|--------------------------------|------------|------------|------------|
|                   | 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        | 123        | 198        | 110                            | 135        | 160        | 185        |
| 5 pezzi / pieces  | 81,4                           | 101,4      | 121,4      | 141,4      | 67                             | 87         | 107        | 127        |
| 6 pezzi / pieces  | 67,8                           | 84,5       | 101,2      | 117,8      | 55,8                           | 72,5       | 89,2       | 105,8      |
| 7 pezzi / pieces  | 46                             | 60,3       | 74,6       | 88,9       | 32,9                           | 47,1       | 61,4       | 75,7       |
| 8 pezzi / pieces  | 40,3                           | 52,8       | 65,3       | 77,8       | 28,8                           | 41,3       | 53,8       | 66,3       |
| 9 pezzi / pieces  | 26,3                           | 37,4       | 48,6       | 59,7       | 13,9                           | 25         | 36,1       | 47,2       |
| 10 pezzi / pieces | 23,7                           | 33,7       | 43,7       | 53,7       | 12,5                           | 22,5       | 32,5       | 42,5       |
| 11 pezzi / pieces | 13,8                           | 22,9       | 32         | 41,1       | -                              | 10,9       | 20         | 29,1       |
| 12 pezzi / pieces | 12,7                           | 21         | 29,3       | 37,7       | -                              | 10         | 18,3       | 26,7       |
| 13 pezzi / pieces | 5,2                            | 12,8       | 20,5       | 28,2       | -                              | -          | 8,8        | 16,5       |
| 14 pezzi / pieces | 1,4                            | 8,6        | 15,7       | 22,9       | -                              | -          | 4,3        | 11,4       |
| 15 pezzi / pieces | -                              | 5,5        | 12,1       | 18,8       | -                              | -          | -          | 7,3        |
| 16 pezzi / pieces | -                              | 2,2        | 8,4        | 14,7       | -                              | -          | -          | 3,4        |
| 17 pezzi / pieces | -                              | -          | 5,7        | 11,6       | -                              | -          | -          | -          |
| 18 pezzi / pieces | -                              | -          | -          | 8,3        | -                              | -          | -          | -          |
| 19 pezzi / pieces | -                              | -          | -          | 5,9        | -                              | -          | -          | -          |
| Cod.              | 6.69.31700                     | 6.69.31800 | 6.69.31900 | 6.69.31100 | 6.69.32700                     | 6.69.32800 | 6.69.32900 | 6.69.32100 |

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

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

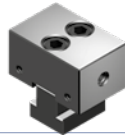
**Art. 600S**

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

**Art. 600W** **NEW!**

**PER PARTICOLARI IN APPOGGIO SULLA BASE**  
**FOR WORKPIECES CLAMPED DIRECTLY ON VISE BASE**

| kN                                | 1          |            |            |            |            |
|-----------------------------------|------------|------------|------------|------------|------------|
|                                   | 20 kN      |            |            |            |            |
| A                                 | 4 x 8mm    | 4 x 33     | 4 x 58     | 4 x 83     | 4 x 108    |
| B                                 | 32 / 25    |            |            |            |            |
| C <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 |
| €                                 | 1.038      | 1.128      | 1.229      | 1.340      | 1.499      |

**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

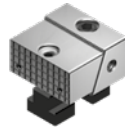
€ 89

\* 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


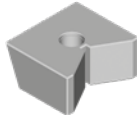
Cod. Art.605 6.60.51000

Cod. Art.605S 6.60.5S100

€ 139

\* Arresto laterale a richiesta Workstop on request

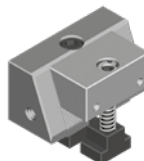
**Art. 605L**

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


Cod. 6.60.5L100

€ 174

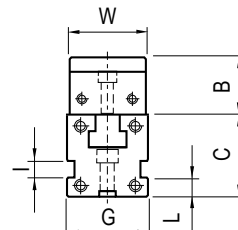
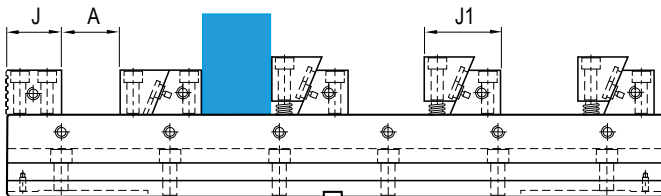
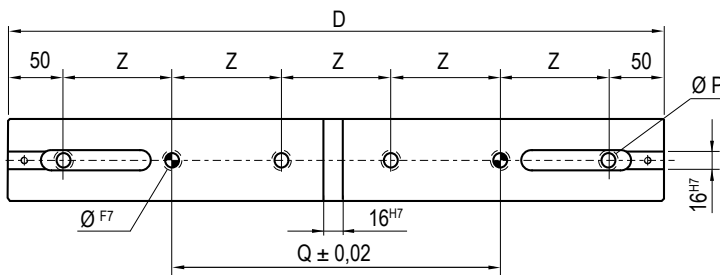
**Art. 615\***

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


Cod. 6.61.51000

€ 153

\* Arresto laterale a richiesta Workstop on request

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

 Ogni morsa è completa di 1 ganasca fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento e 4 arresti laterali  
 Each vise is supplied with 1 fixed jaw and 4 fixed-movable jaws  
 1 T wrench, one pair of positioning key nuts and 4 workstops

Ø = Sede viti calibrate / Hole for shoulder screw

|               |               |            |
|---------------|---------------|------------|
| <b>Art.81</b> | Tipo - Type 1 | Ø10h7 x 20 |
| <b>Art.81</b> | Tipo - Type 2 | Ø16h7 x 35 |
| <b>Art.81</b> | Tipo - Type 3 | Ø16h7 x 45 |

Vedi pag. 6.36 - Vedi page 6.36

| Art. 600      | Art. 600S      | Pag. |
|---------------|----------------|------|
| n° 1 Art. 601 |                | 6.28 |
| n° 1 Art. 604 |                | 6.30 |
| n° 4 Art. 605 | n° 4 Art. 605S | 6.31 |

|                                  | 2<br>30 kN   |              |              |              |              |              | 3<br>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   |
| €                                | <b>1.351</b> | <b>1.451</b> | <b>1.563</b> | <b>1.674</b> | <b>1.825</b> | <b>1.987</b> | <b>1.937</b> | <b>2.097</b> | <b>2.260</b> | <b>2.477</b> |

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

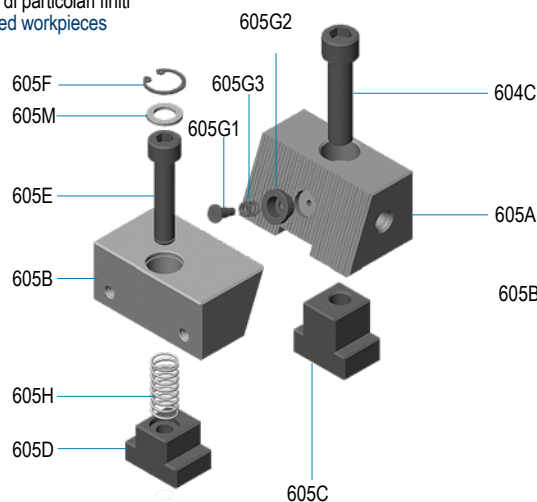
|      |            |            |
|------|------------|------------|
| Cod. | 6.60.42000 | 6.60.43000 |
| €    | <b>103</b> | <b>119</b> |

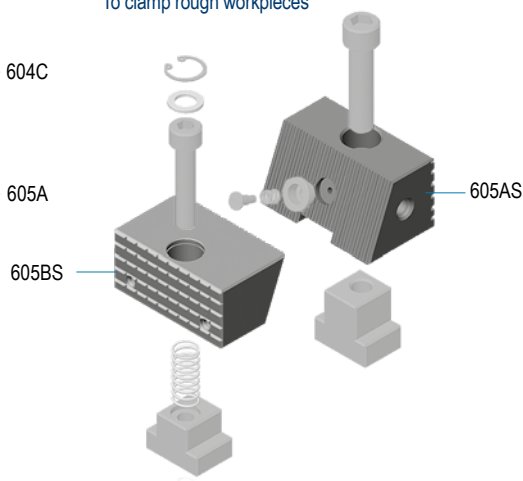
|               |            |            |
|---------------|------------|------------|
| Cod. Art.605  | 6.60.52000 | 6.60.53000 |
| Cod. Art.605S | 6.60.5S200 | 6.60.5S300 |
| €             | <b>160</b> | <b>184</b> |

|      |            |            |
|------|------------|------------|
| Cod. | 6.60.5L200 | 6.60.5L300 |
| €    | <b>198</b> | <b>217</b> |

|      |            |            |
|------|------------|------------|
| Cod. | 6.61.52000 | 6.61.53000 |
| €    | <b>177</b> | <b>215</b> |

**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. |
|-------|------|
| 605A  |      |
| 605AS |      |
| 605B  |      |
| 605BS |      |
| 604C  |      |
| 605C  |      |
| 605D  |      |
| 605E  |      |
| 605F  |      |
| 605G1 |      |
| 605G2 |      |
| 605G3 |      |
| 605H  |      |
| 605M  |      |

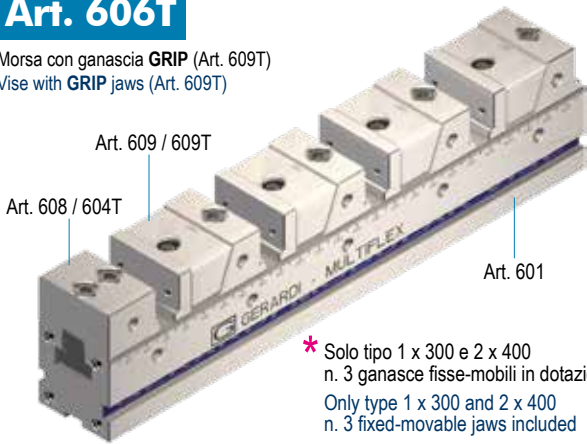
6.33


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

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

**Art. 606T**

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



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

**PER PARTICOLARI SOLLEVATI PER FORATURE PASSANTI**  
**RISED WORKPIECES FOR DRILL THROUGH HOLES**

| kN               | 1          |            |            |            |            |
|------------------|------------|------------|------------|------------|------------|
|                  | 20 kN      |            |            |            |            |
| A                | 3 x 19mm * | 4 x 23     | 4 x 48     | 4 x 73     | 4 x 97     |
| B                | 32 / 25    |            |            |            |            |
| C $^{0}_{-0,02}$ | 50         |            |            |            |            |
| D                | 300        | 400        | 500        | 600        | 700        |
| G $^{0}_{-0,02}$ | 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 |
| €                | 1.572      | 1.638      | 1.738      | 1.849      | 2.009      |

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

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


Cod. 6.60.91000

€ 255

\* Arresto laterale a richiesta Workstop on request

**Art. 610B\***

Piastra ganascia dolce / Soft jaw plate



Cod. Art. 610B 6.61.0B100

€ 28

**Art. 610C\***

Piastra ganascia liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

€ 23

**Art. 610D\***

Piastra ganascia zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

€ 28

**Art. 610E\***

Piastra ganascia parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

€ 23

**Art. 610F\***

Piastra ganascia prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

€ 28

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

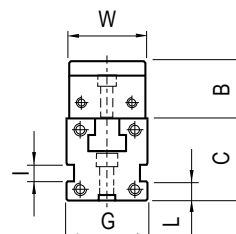
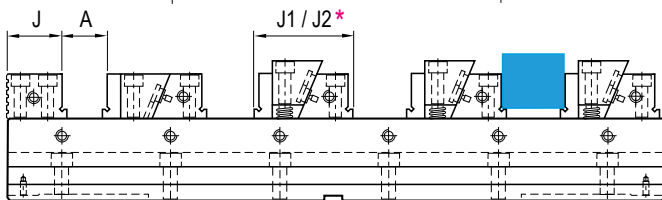
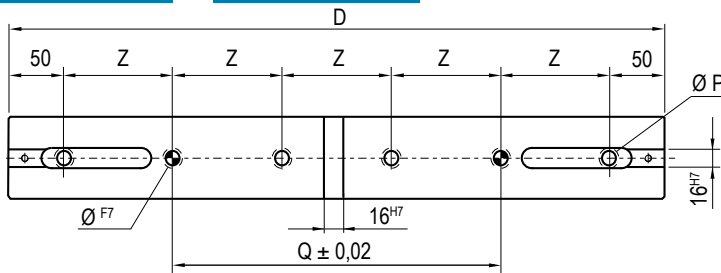
**Art. 609T\***

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


Cod. 6.60.9T100

€ 255

\* Arresto laterale a richiesta Workstop on request

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

 Ogni morsa è completa di 1 ganascia fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento e 4 arresti laterali  
 Each vise is supplied with 1 fixed jaw and 4 fixed-movable jaws  
 1 T wrench, one pair of positioning key nuts and 4 workstops

Ø = Sede viti calibrate / Hole for shoulder screw

|        |               |            |
|--------|---------------|------------|
| Art.81 | Tipo - Type 1 | Ø10h7 x 20 |
| Art.81 | Tipo - Type 2 | Ø16h7 x 35 |
| Art.81 | Tipo - Type 3 | Ø16h7 x 45 |

Vedi pag. 6.36 - Vedi page 6.36

| Art. 606             | Art. 606T      | Pag. |
|----------------------|----------------|------|
| n° 1 Art. 601        |                | 6.28 |
| n° 1 Art. 608 / 604T |                | 6.30 |
| n° 4 Art. 609        | n° 4 Art. 609T | 6.14 |

|                                  | 2<br>30 kN |            |            |            |            |            | 3<br>40 kN |            |            |            |
|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A                                | 3 x 28mm*  | 4 x 24     | 4 x 49     | 4 x 74     | 4 x 99     | 4x124      | 4 x 44     | 4 x 69     | 4 x 94     | 4 x 119    |
| 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                               |            |            |            | 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 |
| €                                | 1.957      | 2.059      | 2.173      | 2.285      | 2.446      | 2.608      | 2.640      | 2.801      | 2.963      | 3.180      |

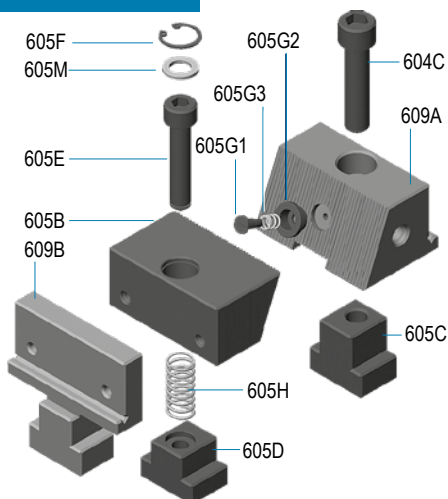
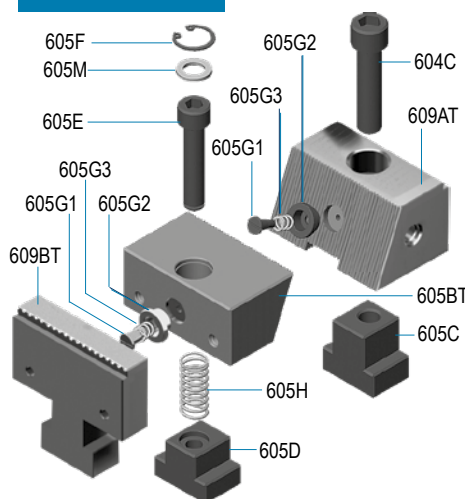
**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

|      |            |            |
|------|------------|------------|
| Cod. | 6.60.92000 | 6.60.93000 |
| €    | 301        | 345        |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610B | 6.61.0B200 | 6.61.0B300 |
| €              | 33         | 38         |
| Cod. Art. 610C | 6.61.0C200 | 6.61.0C300 |
| €              | 28         | 33         |
| Cod. Art. 610D | 6.61.0D200 | 6.61.0D300 |
| €              | 33         | 38         |
| Cod. Art. 610E | 6.61.0E200 | 6.61.0E300 |
| €              | 28         | 33         |
| Cod. Art. 610F | 6.61.0F200 | 6.61.0F300 |
| €              | 33         | 38         |

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

|      |            |            |
|------|------------|------------|
| Cod. | 6.60.9T200 | 6.60.9T300 |
| €    | 301        | 345        |

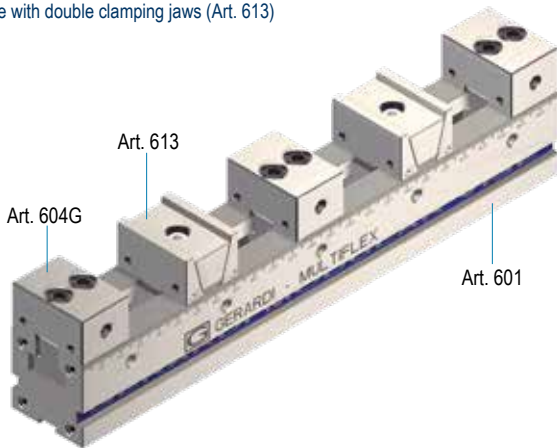
**Art. 609**

**Art. 609T**


| Art.  | Pag. | Art.  | Pag. |
|-------|------|-------|------|
| 604C  |      | 605H  | 6.33 |
| 605B  | 6.33 | 605M  | 6.33 |
| 605BT | 6.34 | 609A  | 6.34 |
| 605C  |      | 609B  | 6.34 |
| 605D  |      | 609AT | 6.34 |
| 605E  |      | 609BT | 6.34 |
| 605F  | 6.33 | -     | -    |
| 605G1 |      | -     | -    |
| 605G2 |      | -     | -    |
| 605G3 |      | -     | -    |

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

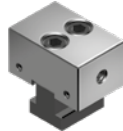
\* Quota J2 valida esclusivamente per Art. 609T  
 J2 dimension valids only for Art. 609T

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

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


| 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> | 50         |            |            |            |            |
| D                                  | 300        | 400        | 500        | 600        | 700        |
| G <sup>-0</sup> / <sub>-0,02</sub> | 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 |
| €                                  | 1.572      | 1.638      | 1.738      | 1.838      | 2.009      |

**PER PARTICOLARI IN APPOGGIO E SOLLEVATI CON PARALLELE**  
**FOR WORKPIECES ON VISE BASE AND 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

€ 89

\* Arresto laterale a richiesta Workstop on request

**Art. 610B**

Piastra ganasca dolce / Soft jaw plate



Cod. Art. 610B 6.61.0B100

€ 28

**Art. 610C**

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

€ 23

**Art. 610D**

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

€ 28

**Art. 610E**

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

€ 23

**Art. 610F**

Piastra ganasca prismatica / Prismatic jaw plate

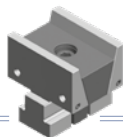


Cod. Art. 610F 6.61.0F100

€ 28

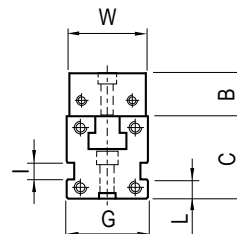
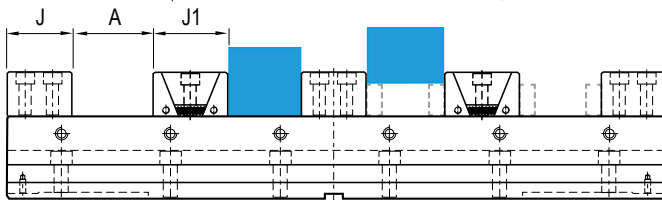
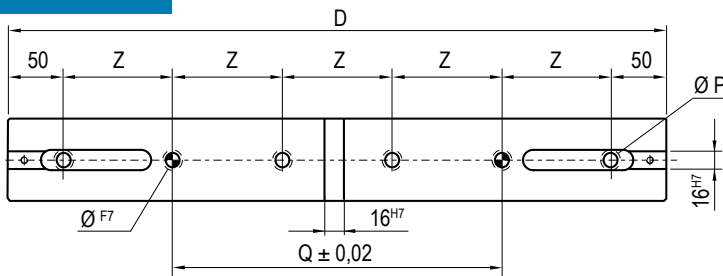
\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

**Art. 613**

 Ganasca mobile doppia di spinta  
 Double clamping movable jaws


Cod. 6.61.31000

€ 433

**Art. 611**

 Ogni morsa è completa di 1 ganasca fissa, 4 ganasce fisse-mobili  
 1 chiave a T, 2 tasselli di posizionamento e 4 arresti laterali  
 Each vise is supplied with 1 fixed jaw and 4 fixed-movable jaws  
 1 T wrench, one pair of positioning key nuts and 4 workstops

Ø = Sede viti calibrate / Hole for calibrated screw

|               |               |            |
|---------------|---------------|------------|
| <b>Art.81</b> | Tipo - Type 1 | Ø10h7 x 20 |
| <b>Art.81</b> | Tipo - Type 2 | Ø16h7 x 35 |
| <b>Art.81</b> | Tipo - Type 3 | Ø16h7 x 45 |

Vedi pag. 6.36 - Vedi page 6.36

| Art. 611       | Pag. |
|----------------|------|
| n° 1 Art. 601  | 6.28 |
| n° 3 Art. 604G | 6.30 |
| n° 2 Art. 613  | 6.32 |





|                                  | 2<br>30 kN |            |            |            |            |            | 3<br>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 |  |
| €                                | 1.957      | 2.059      | 2.173      | 2.285      | 2.446      | 2.608      | 2.640      | 2.801      | 2.963      | 3.180      |  |

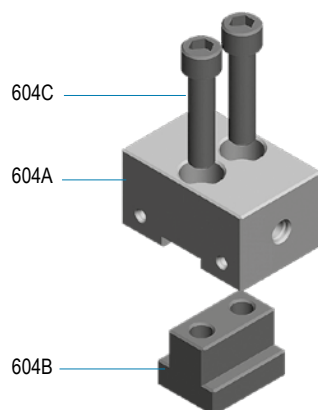
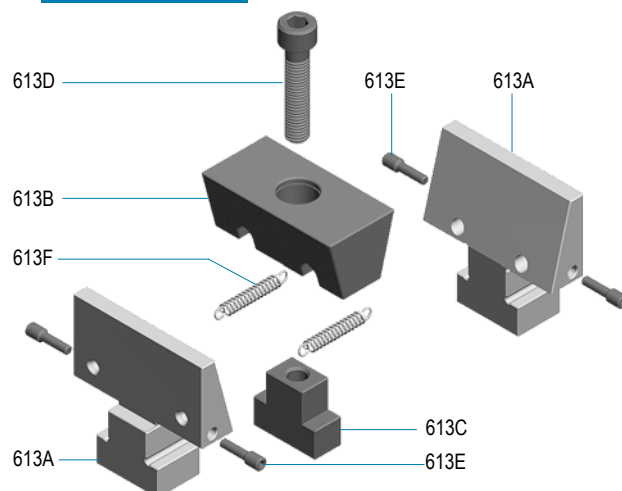
**UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !**

|      |            |            |
|------|------------|------------|
| Cod. | 6.60.4G200 | 6.60.4G300 |
| €    | 103        | 119        |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610B | 6.61.0B200 | 6.61.0B300 |
| €              | 33         | 38         |
| Cod. Art. 610C | 6.61.0C200 | 6.61.0C300 |
| €              | 28         | 33         |
| Cod. Art. 610D | 6.61.0D200 | 6.61.0D300 |
| €              | 33         | 38         |
| Cod. Art. 610E | 6.61.0E200 | 6.61.0E300 |
| €              | 28         | 33         |
| Cod. Art. 610F | 6.61.0F200 | 6.61.0F300 |
| €              | 33         | 38         |

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

|      |            |            |
|------|------------|------------|
| Cod. | 6.61.32000 | 6.61.33000 |
| €    | 517        | 601        |

**Art. 604G**
**GANASCIA FISSA  
FIXED JAW**

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


| Art. | Pag. |
|------|------|
| 604A | 6.33 |
| 604B | 6.33 |
| 604C | 6.33 |
| 613A | 6.35 |
| 613B | 6.35 |
| 613C | 6.35 |
| 613D | 6.35 |
| 613E | 6.35 |
| 613F | 6.35 |
| -    | -    |

# GANASCE TIPO 1 - BASE TIPO 2

## JAWS TYPE 1 - BASE TYPE 2

### Art. 632

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

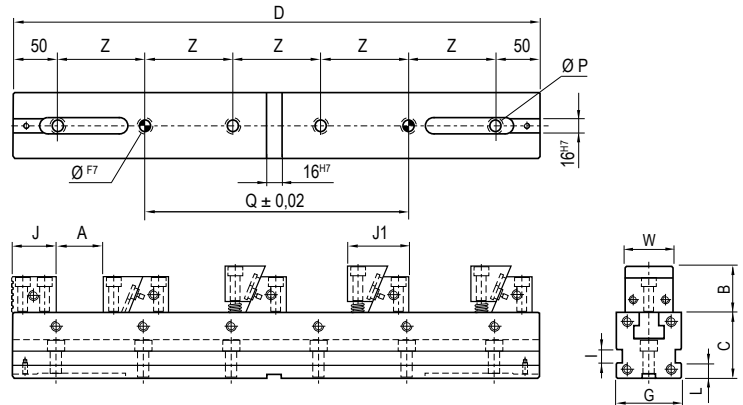
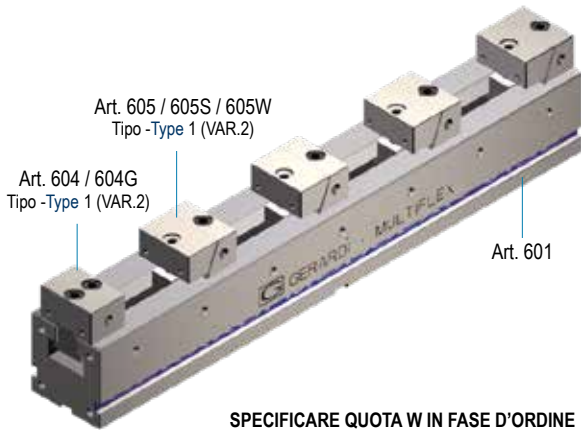
### Art. 632S

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

### Art. 632W

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

**NEW!**



**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**

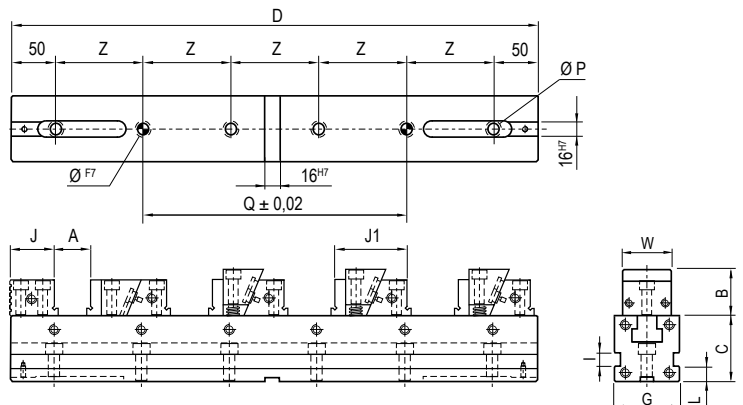
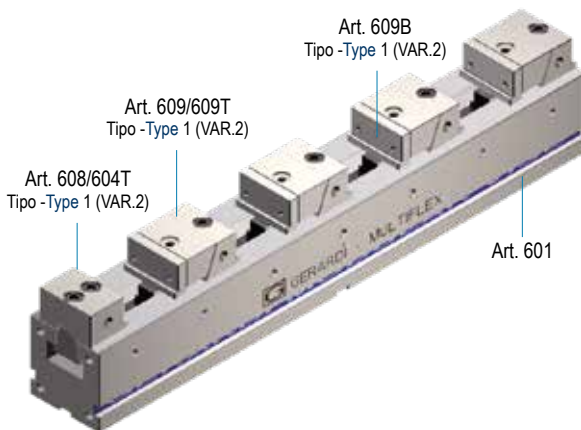
### Art. 652

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

### Art. 652T

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

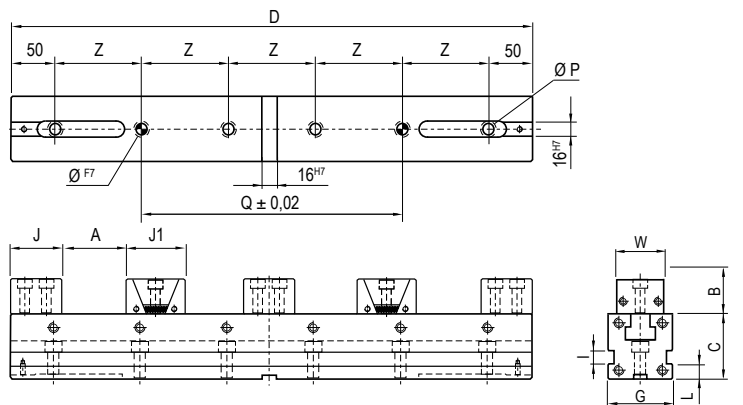
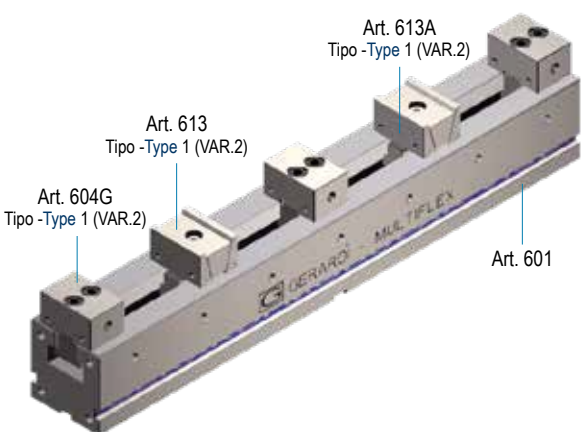
**NEW!**



**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**

### Art. 692

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



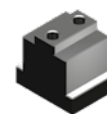
**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**

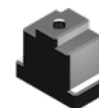
|                           | 1<br>20 kN |            |            |            |            |            |
|---------------------------|------------|------------|------------|------------|------------|------------|
| A                         | 4 x 32,5   | 4 x 57,5   | 4 x 82,5   | 4 x 107,5  | 4 x 132,5  | 4 x 157,5  |
| B                         | 32 / 25    |            |            |            |            |            |
| C <sup>-0<br/>-0,02</sup> | 75         |            |            |            |            |            |
| D                         | 400        | 500        | 600        | 700        | 800        | 900        |
| G <sup>-0<br/>-0,02</sup> | 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 |
| €                         | 1.007      | 1.083      | 1.180      | 1.266      | 1.385      | 1.515      |

**Kit trasformazione ganasce**

Jaws transformations kit

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

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

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

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

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

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

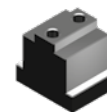

Vedi pag 6.36 - See pag 6.36

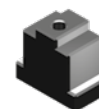
|                            |            |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|------------|
| A                          | 4 x 24,5   | 4 x 49,5   | 4 x 74,5   | 4 x 99,5   | 4 x 124,5  | 4 x 149,5  |
| B                          | 32 / 25    |            |            |            |            |            |
| C                          | 75         |            |            |            |            |            |
| D                          | 400        | 500        | 600        | 700        | 800        | 900        |
| G <sup>-0<br/>-0,02</sup>  | 75         |            |            |            |            |            |
| J                          | 38         |            |            |            |            |            |
| J1 <sup>-0<br/>-0,02</sup> | 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 |
| €                          | 1.418      | 1.493      | 1.581      | 1.678      | 1.797      | 1.926      |

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

 Ganascia mobile guidata con gradino  
 Movable guided jaw with step

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

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

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

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

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

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

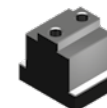

Vedi pag 6.34-36 - See pag 6.34-36

|                            |            |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|------------|
| 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 <sup>-0<br/>-0,02</sup>  | 75         |            |            |            |            |            |
| J                          | 38         |            |            |            |            |            |
| J1 <sup>-0<br/>-0,02</sup> | 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 |
| €                          | 1.397      | 1.472      | 1.570      | 1.656      | 1.775      | 1.905      |

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

 Ganascia mobile  
 Movable jaw

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

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


Vedi pag 6.35-36 - See pag 6.35-36

# GANASCE TIPO 1 o 2 - BASE TIPO 3

## JAWS TYPE 1 or 2 - BASE TYPE 3

**Art. 633**

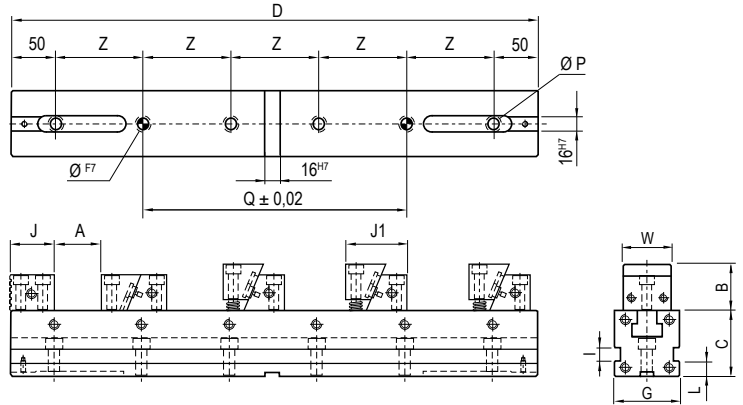
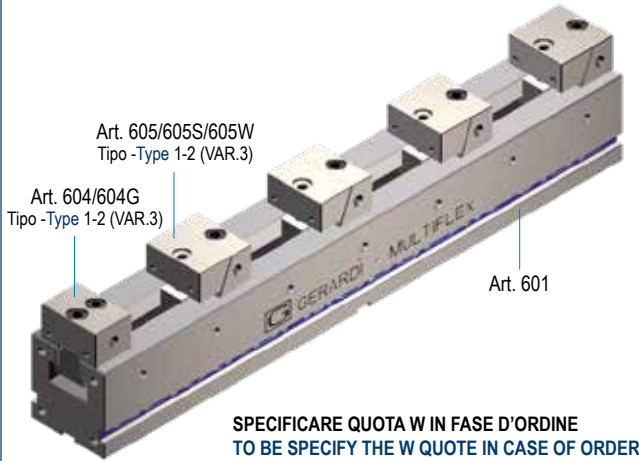
 Morsa con ganasce lisce (Art. 605)  
 Vise with smooth jaws (Art. 605)

**Art. 633W**

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

**Art. 633S**

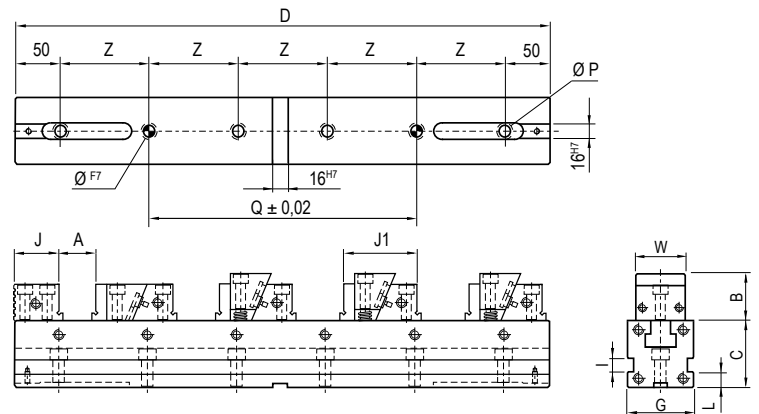
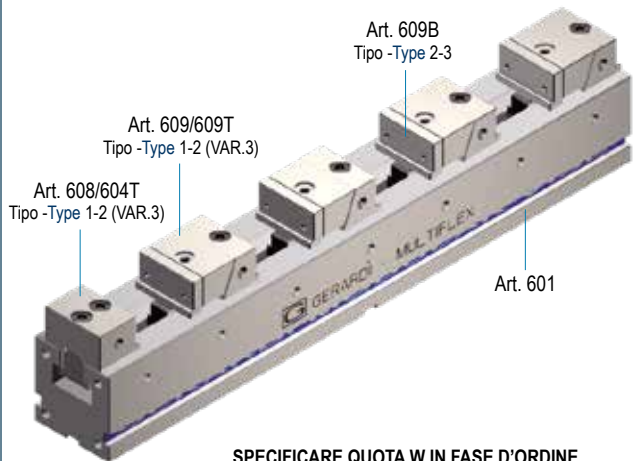
 Morsa con ganasce zigrinate (Art. 605S)  
 Vise with serrated jaws (Art. 605S)

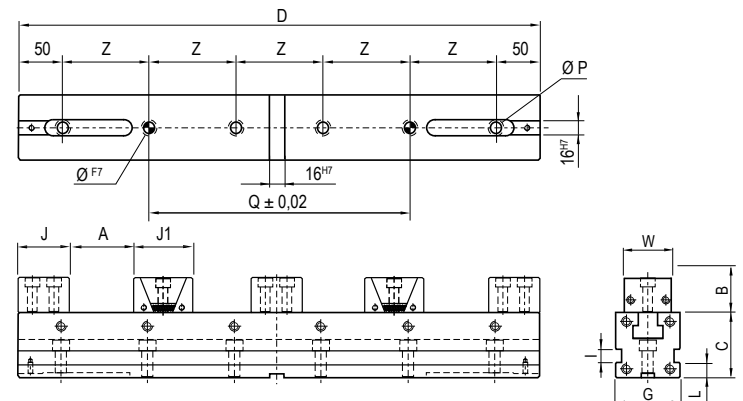
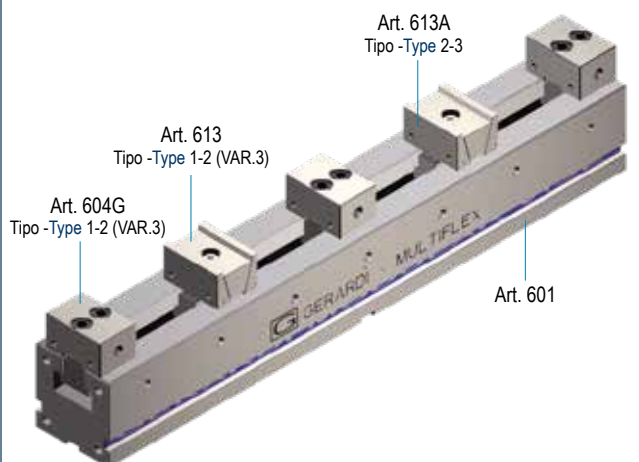
**NEW!**

**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**
**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)

**NEW!**

**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**
**Art. 693**

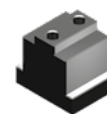
 Morsa con ganasce doppie (Art. 613)  
 Vise with double jaws (Art. 613)

**SPECIFICARE QUOTA W IN FASE D'ORDINE**  
**TO BE SPECIFY THE W QUOTE IN CASE OF ORDER**

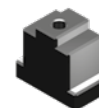
|                           | 1<br>20 kN |            |            |            | 2<br>30 kN |            |            |            |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                           | A          | 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<br/>-0,02</sup> | 100        |            |            |            | 100        |            |            |            |
| D                         | 700        | 800        | 900        | 1000       | 700        | 800        | 900        | 1000       |
| G <sup>-0<br/>-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 |
| €                         | 1.472      | 1.559      | 1.646      | 1.818      | 1.548      | 1.634      | 1.721      | 1.895      |

**Kit trasformazione ganasce**

Jaws transformations kit

**Art. 604B T.1-2 (VAR.3)**

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

**Art. 605C T.1-2 (VAR.3)**

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

**Art. 605D T.1-2 (VAR.3)**

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


Vedi pag 6.36 - See pag 6.36

|                            |            |            |            |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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<br/>-0,02</sup>  | 100        |            |            |            | 100        |            |            |            |
| J                          | 38         |            |            |            | 50         |            |            |            |
| J1 <sup>-0<br/>-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 |
| €                          | 1.883      | 1.970      | 2.057      | 2.230      | 2.079      | 2.165      | 2.251      | 2.424      |

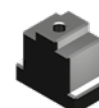
**Art. 609B T.1 (VAR.3)**

 Ganaschia mobile  
 guidata con gradino  
 Movable guided  
 jaw with step

**Art. 604B T.1 (VAR.3)**

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

**Art. 605C T.1 (VAR.3)**

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

**Art. 605D T.1 (VAR.3)**

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

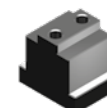

Vedi pag 6.34-36 - See pag 6.34-36

|                            |            |            |            |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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<br/>-0,02</sup>  | 100        |            |            |            | 100        |            |            |            |
| J                          | 38         |            |            |            | 50         |            |            |            |
| J1 <sup>-0<br/>-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 |
| €                          | 1.862      | 1.948      | 2.034      | 2.208      | 2.034      | 2.122      | 2.208      | 2.381      |

**Art. 613A T.1-2 (VAR.3)**

 Ganaschia mobile  
 Movable jaw

**Art. 604B T.1-2 (VAR.3)**

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


Vedi pag 6.35-36 - See pag 6.35-36

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

 Cubo-morsa con ganasce lisce (Art. 602)  
 Vise-tower with smooth jaws (Art. 602)

**Art. 602S**

 Cubo-morsa con ganasce zigrinate (Art. 602S)  
 Vise-tower with serrated jaws (Art. 602S)

**Art. 602W** NEW!

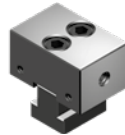
 Cubo-morsa con ganasce mobili lisce e fissa zigrinata (Art. 602W)  
 Vise with smooth movable jaws and fixed serrated jaws (Art. 602W)

 Ogni cubo-morsa è completo di  
 4 ganasce fisse, 16 ganasce fisse mobili,  
 1 chiave a T, 1 coppia tasselli di posizionamento  
 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 and 16 workstops


| 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>-0.02</sup> | 100        |            |            |            |            |
| D                  | 300        | 400        | 500        | 600        | 700        |
| G <sup>-0.02</sup> | 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 |
| €                  | 4.722      | 5.022      | 5.324      | 5.707      | 6.419      |

**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

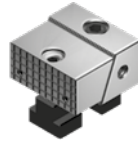
 € 89

\* 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


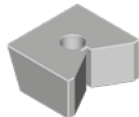
Cod. Art.605 6.60.51000

Cod. Art.605S 6.60.5S100

 € 139

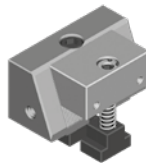
\* Arresto laterale a richiesta Workstop on request

**Art. 605L**

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


Cod. 6.60.5L100

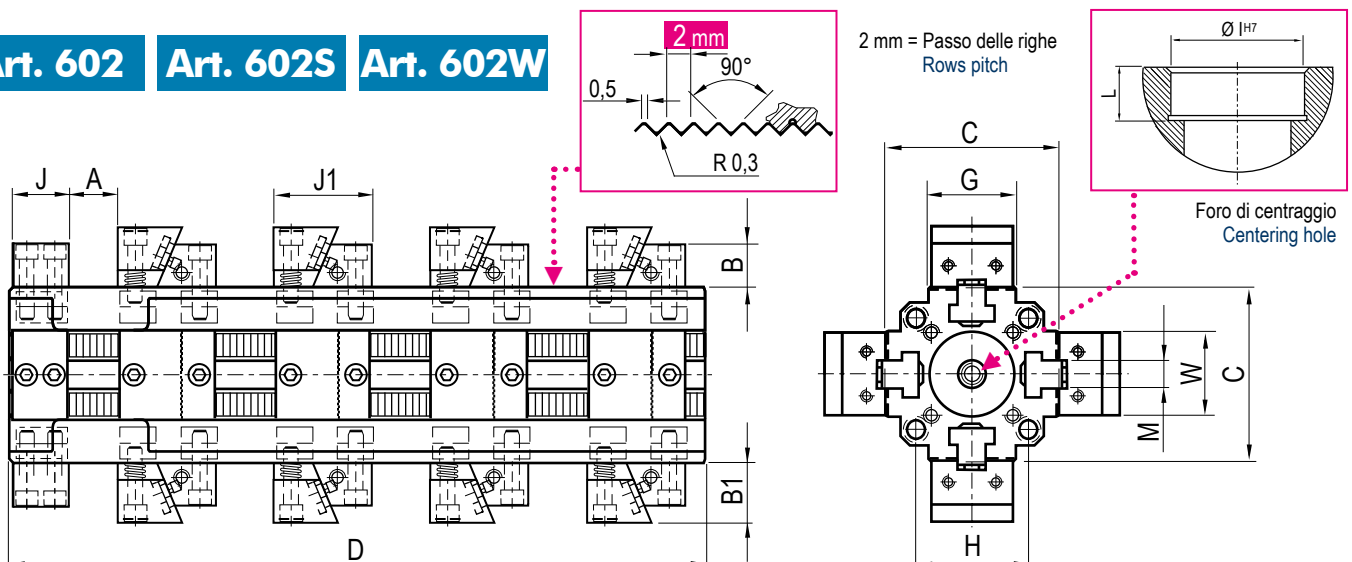
 € 174
**Art. 615\***

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


Cod. 6.61.51000

 € 153

\* Arresto laterale a richiesta Workstop on request

**Art. 602 Art. 602S Art. 602W**


| 2<br>30 kN   |              |              |              |              |              |              | 3<br>40 kN   |              |              |               |               |         |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------|
| 4 x 12mm     | 4 x 37       | 4 x 62       | 4 x 62       | 4 x 87       | 4 x 87       | 4 x 87       | 4 x 87       | 4 x 112      | 4 x 59       | 4 x 84        | 4 x 109       | 4 x 134 |
|              | 40           |              | 40           | 40           |              |              | 40           |              |              |               | 60            |         |
|              | 40           |              | 40           | 40           |              |              | 40           |              |              |               | 60            |         |
|              | 150          |              | 230          | 150          | 210          |              | 240          |              |              |               | 240           |         |
| 400          | 500          | 600          | 600          | 700          | 700          | 700          | 700          | 800          | 700          | 800           | 900           | 1000    |
|              | 75           |              | 75           | 75           |              |              | 75           |              |              |               | 100           |         |
|              | 50           |              | 50           | 50           |              |              | 50           |              |              |               | 70            |         |
|              | 70 / 75      |              | 70 / 75      | 70 / 75      |              |              | 70 / 75      |              |              |               | 94,5 / 98,5   |         |
|              | 100          |              | -            | 100          | 100          | -            | -            | -            |              |               | 150 / 200     |         |
|              | 50           |              | 50           | 50           |              |              | 50           |              |              |               | 50            |         |
|              | 20           |              | 20           | 20           |              |              | 20           |              |              |               | 20            |         |
|              | 22           |              | 22           | 22           |              |              | 22           |              |              |               | 30            |         |
| 79           | 90,2         | 101,4        | 144          | 112,6        | 149,2        | 175          | 195          |              | 254          | 278           | 301           | 325     |
| 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    |         |
| 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    |         |
| 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    |         |
| <b>6.101</b> | <b>6.402</b> | <b>6.703</b> | <b>7.920</b> | <b>7.162</b> | <b>8.482</b> | <b>8.547</b> | <b>9.088</b> | <b>9.367</b> | <b>9.908</b> | <b>10.449</b> | <b>11.526</b> |         |

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

**103**
**119**

6.60.52000

6.60.53000

6.60.5S200

6.60.5S300

**160**
**184**

6.60.5L200

6.60.5L300

**198**
**217**

6.61.52000

6.61.53000

**177**
**215**
**Art. 605**
**GANASCIA LISCIA  
JAW PLATE**

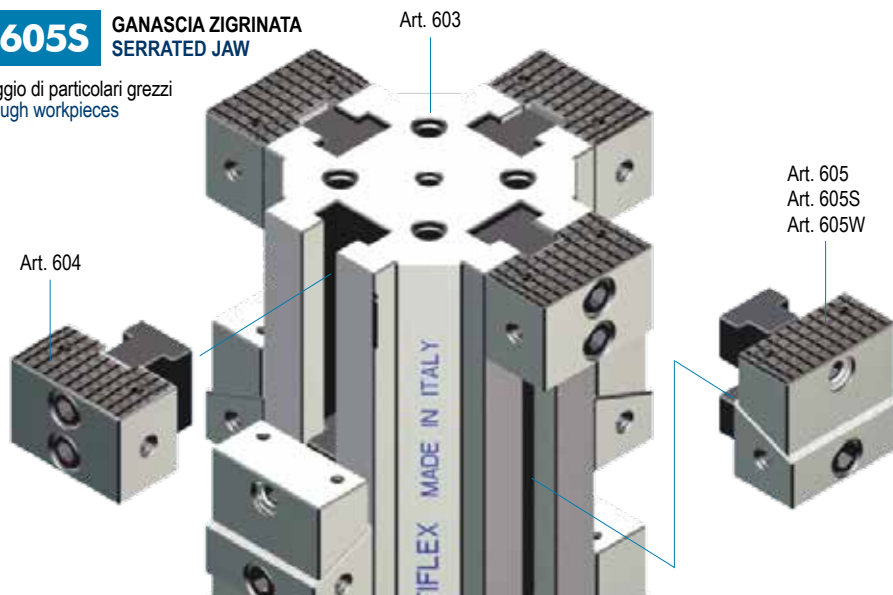
Per il serraggio di particolari finiti  
To clamp finished workpieces

**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. 602       | Art. 602S       | Pag. |
|----------------|-----------------|------|
| n° 1 Art. 603  |                 | 6.29 |
| n° 4 Art. 604  |                 | 6.30 |
| n° 16 Art. 605 | n° 16 Art. 605S | 6.31 |


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

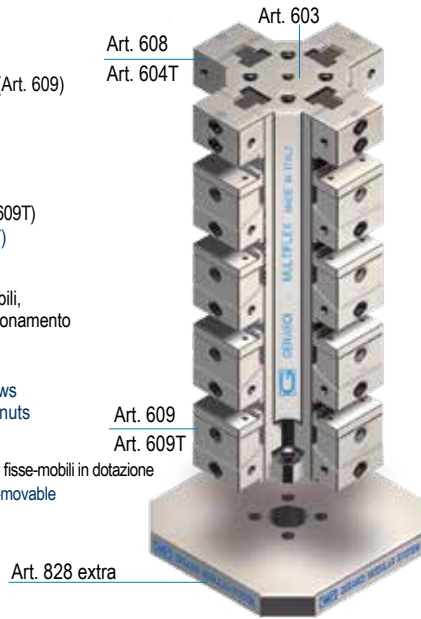
 Cubo-morsa con ganasce a gradino (Art. 609)  
 Vise-tower with step jaws (Art. 609)

**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  
 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  
 and 16 workstops

 \* Solo tipo 1x300 e 2x400 n. 12 ganasce fisse-mobili in dotazione  
 Only type 1x300 and 2x400 n. 3 fixed-movable  
 jaws included


| kN                 | 1            |              |              |              |              |
|--------------------|--------------|--------------|--------------|--------------|--------------|
|                    | 20 kN        |              |              |              |              |
| A                  | 3 x 19mm *   | 4 x 23       | 4 x 48       | 4 x 73       | 4 x 97       |
| B                  |              |              | 25           |              |              |
| B1                 |              |              | 32 / 25      |              |              |
| C <sup>-0.02</sup> |              |              | 100          |              |              |
| D                  | 300          | 400          | 500          | 600          | 700          |
| G <sup>-0.02</sup> |              |              | 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   |
| €                  | <b>6.494</b> | <b>6.796</b> | <b>7.249</b> | <b>7.751</b> | <b>8.462</b> |

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

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

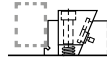

Cod. 6.60.91000

 € **255**

\* Arresto laterale a richiesta Workstop on request

**Art. 610B \***

Piastra ganasca dolce / Soft jaw plate



Cod. Art. 610B 6.61.0B100

 € **28**
**Art. 610C \***

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

 € **23**
**Art. 610D \***

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

 € **28**
**Art. 610E \***

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

 € **23**
**Art. 610F \***

Piastra ganasca prismatica / Prismatic jaw plate

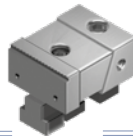


Cod. Art. 610F 6.61.0F100

 € **28**

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

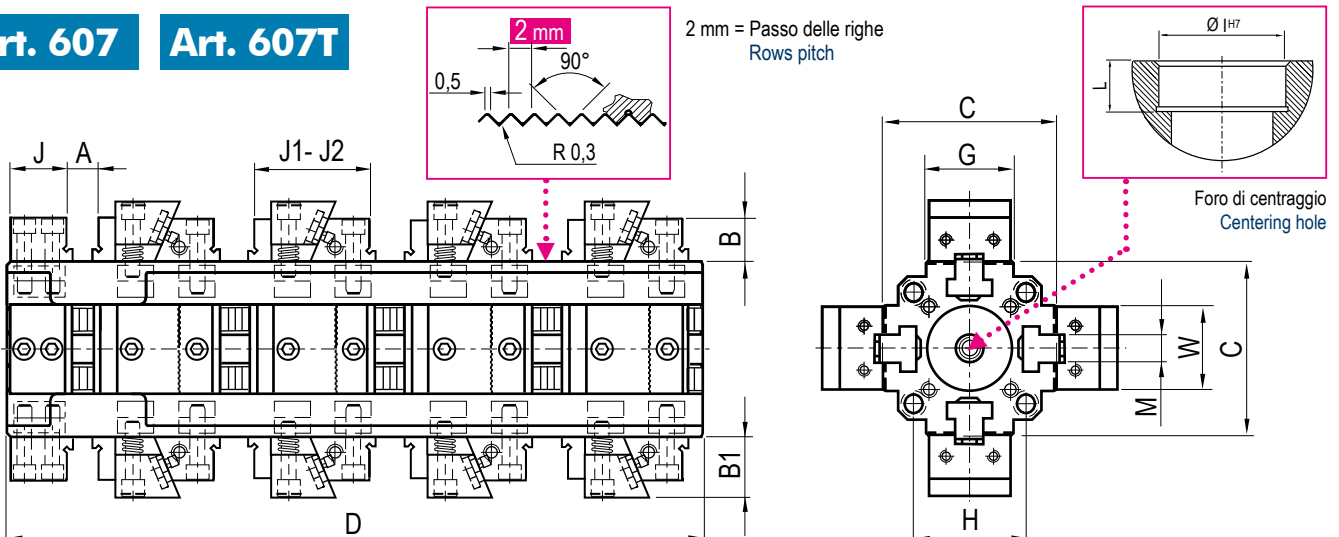
**Art. 609T\***

 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

 € **255**

\* Arresto laterale a richiesta Workstop on request

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






| 2<br>30 kN   |              |              |              |              |               | 3<br>40 kN    |               |               |               |               |               |
|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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       |
|              | 40           |              | 40           | 40           |               | 40            |               |               | 60            |               |               |
|              | 40           |              | 40           | 40           |               | 40            |               |               | 60            |               |               |
|              | 150          |              | 230          | 150          | 210           | 240           |               |               | 240           |               |               |
| 400          | 500          | 600          | 600          | 700          | 700           | 700           | 800           | 700           | 800           | 900           | 1000          |
|              | 75           |              | 75           | 75           |               | 75            |               |               | 100           |               |               |
|              | 50           |              | 50           | 50           |               | 50            |               |               | 70            |               |               |
|              | 83 / 88      |              | 83 / 88      | 83 / 88      |               | 83 / 88       |               |               | 109 / 113     |               |               |
|              | 77 / 82      |              | 77 / 82      | 77 / 82      |               | 77 / 82       |               |               | 103 / 107     |               |               |
|              | 100          |              | -            | 100          | -             | -             | -             |               | 150 / 200     |               |               |
|              | 50           |              | 50           | 50           |               | 50            |               |               | 50            |               |               |
|              | 20           |              | 20           | 20           |               | 20            |               |               | 20            |               |               |
|              | 22           |              | 22           | 22           |               | 22            |               |               | 30            |               |               |
|              | 74           |              | 74           | 74           |               | 74            |               |               | 99            |               |               |
| 85,6         | 96,8         | 108          | 150          | 119,2        | 155,8         | 183           | 203           | 268           | 292           | 315           | 339           |
| 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    |
| 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    |
| <b>8.186</b> | <b>8.620</b> | <b>9.037</b> | <b>9.902</b> | <b>8.385</b> | <b>10.335</b> | <b>10.443</b> | <b>11.093</b> | <b>11.850</b> | <b>12.391</b> | <b>12.597</b> | <b>13.572</b> |

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 |
| €    | <b>301</b> | <b>345</b> |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610B | 6.61.0B200 | 6.61.0B300 |
| €              | <b>33</b>  | <b>38</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610C | 6.61.0C200 | 6.61.0C300 |
| €              | <b>28</b>  | <b>33</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610D | 6.61.0D200 | 6.61.0D300 |
| €              | <b>33</b>  | <b>38</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610E | 6.61.0E200 | 6.61.0E300 |
| €              | <b>28</b>  | <b>33</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610F | 6.61.0F200 | 6.61.0F300 |
| €              | <b>33</b>  | <b>38</b>  |

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

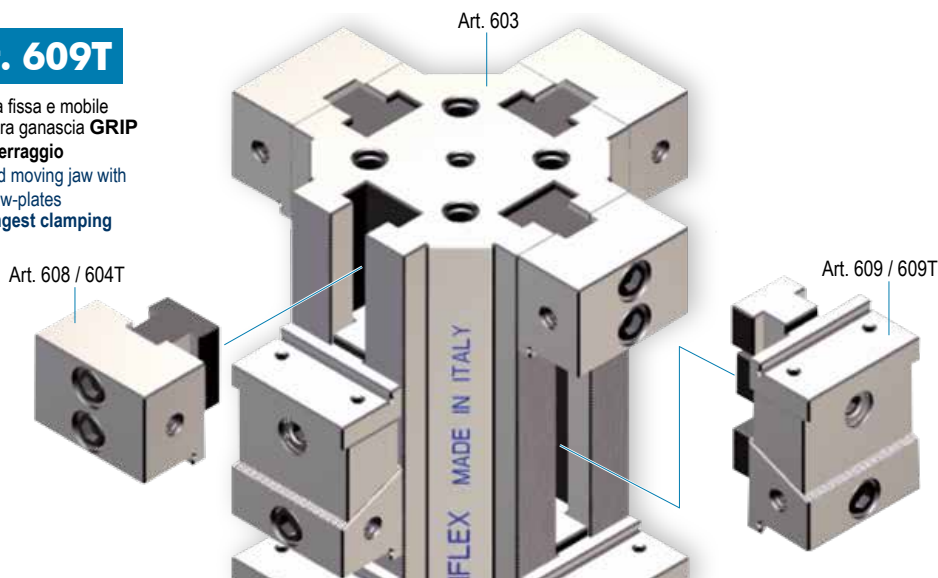
|      |            |            |
|------|------------|------------|
| Cod. | 6.60.9T200 | 6.60.9T300 |
| €    | <b>301</b> | <b>345</b> |

**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

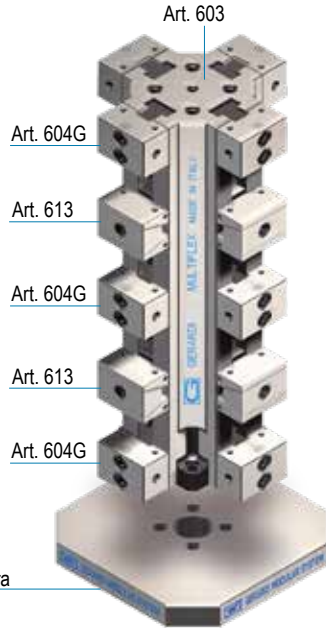


| Art. 607       | Pag. |
|----------------|------|
| n° 1 Art. 603  | 6.29 |
| n° 4 Art. 608  | 6.30 |
| n° 16 Art. 609 | 6.31 |

**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  
 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  
 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   |
| €                                | <b>6.494</b> | <b>6.796</b> | <b>7.249</b> | <b>7.751</b> | <b>8.462</b> |

**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

 € **89**

\* Arresto laterale a richiesta Workstop on request

**Art. 610B \***

Piastra ganasca dolce / Soft jaw plate



Cod. Art. 610B 6.61.0B100

 € **28**
**Art. 610C \***

Piastra ganasca liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

 € **23**
**Art. 610D \***

Piastra ganasca zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

 € **28**
**Art. 610E \***

Piastra ganasca parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

 € **23**
**Art. 610F \***

Piastra ganasca prismatica / Prismatic jaw plate

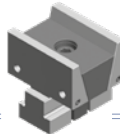


Cod. Art. 610F 6.61.0F100

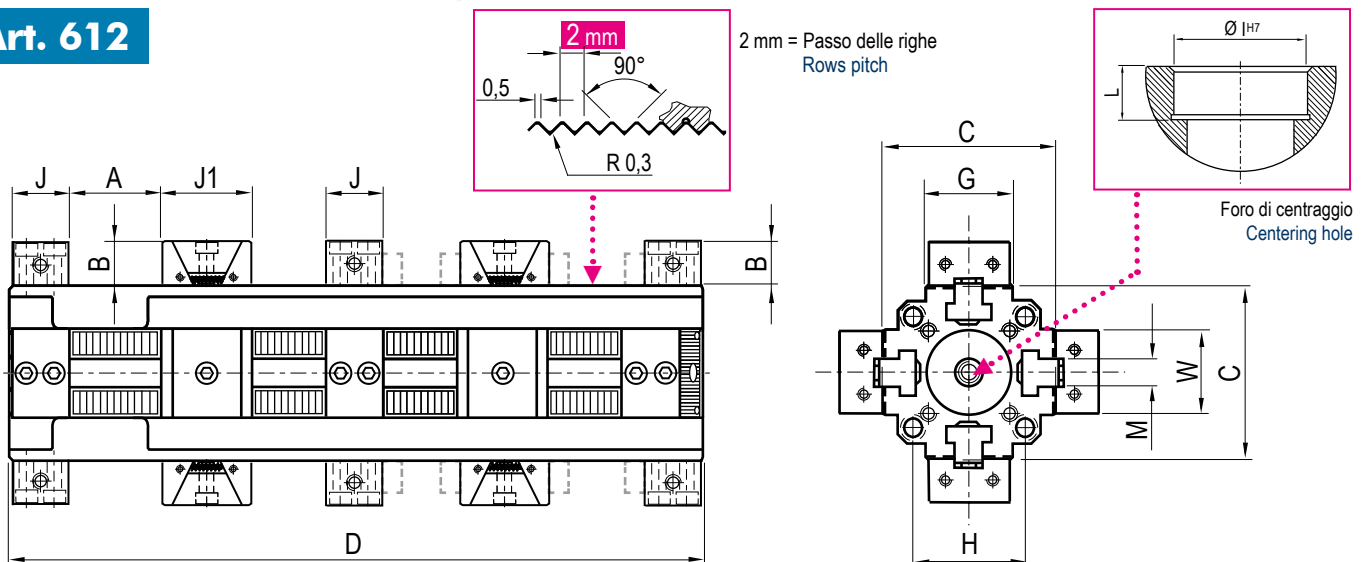
 € **28**

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

**Art. 613**

 Ganasca mobile doppia di spinta  
 Double clamping movable jaws


Cod. 6.61.31000

 € **433**
**Art. 612**




| 2<br>30 kN   |              |              |              |              |               | 3<br>40 kN    |               |         |               |               |               |               |
|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------|---------------|---------------|---------------|---------------|
| 4 x 34mm     | 4 x 59       | 4 x 84       | 4 x 84       | 4 x 109      | 4 x 109       | 4 x 109       | 4 x 109       | 4 x 134 | 4 x 77        | 4 x 102       | 4 x 127       | 4 x 152       |
|              | 40           |              | 40           | 40           |               |               | 40            |         |               |               | 60            |               |
|              | 150          |              | 230          | 150          | 210           |               | 240           |         |               |               | 240           |               |
| 400          | 500          | 600          | 600          | 700          | 700           | 700           | 800           |         | 700           | 800           | 900           | 1000          |
|              | 75           |              | 75           | 75           |               |               | 75            |         |               |               | 100           |               |
|              | 50           |              | 50           | 50           |               |               | 50            |         |               |               | 70            |               |
|              | 52 / 58      |              | 52 / 58      | 52 / 58      |               |               | 52 / 58       |         |               |               | 84 / 90       |               |
|              | 100          |              | -            | 100          | -             | -             | -             |         |               |               | 150 / 200     |               |
|              | 50           |              | 50           | 50           |               |               | 50            |         |               |               | 50            |               |
|              | 20           |              | 20           | 20           |               |               | 20            |         |               |               | 20            |               |
|              | 22           |              | 22           | 22           |               |               | 22            |         |               |               | 30            |               |
|              | 74           |              | 74           | 74           |               |               | 74            |         |               |               | 99            |               |
| 72,4         | 83,6         | 94,8         | 137          | 106          | 142,6         | 170           | 190           |         | 244           | 268           | 291           | 315           |
| 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    |
| <b>8.186</b> | <b>8.620</b> | <b>9.037</b> | <b>9.902</b> | <b>9.415</b> | <b>10.335</b> | <b>10.443</b> | <b>11.093</b> |         | <b>11.850</b> | <b>12.391</b> | <b>12.597</b> | <b>13.572</b> |

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 |
| €    | <b>103</b> | <b>119</b> |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610B | 6.61.0B200 | 6.61.0B300 |
| €              | <b>33</b>  | <b>38</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610C | 6.61.0C200 | 6.61.0C300 |
| €              | <b>28</b>  | <b>33</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610D | 6.61.0D200 | 6.61.0D300 |
| €              | <b>33</b>  | <b>38</b>  |

|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610E | 6.61.0E200 | 6.61.0E300 |
| €              | <b>28</b>  | <b>33</b>  |

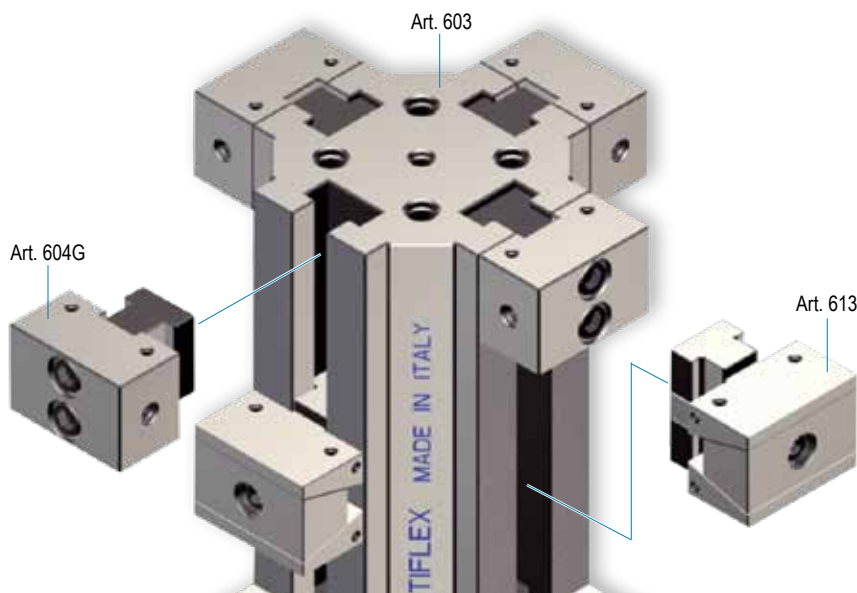
|                |            |            |
|----------------|------------|------------|
| Cod. Art. 610F | 6.61.0F200 | 6.61.0F300 |
| €              | <b>33</b>  | <b>38</b>  |

\* Piastrine Art.610B - 610C - 610D - 610E - 610F dimensioni come pagina 6.34 - Jaw plates Art.610B - 610C - 610E - 610F dimensions as page 6.34

|      |            |            |
|------|------------|------------|
| Cod. | 6.61.32000 | 6.61.33000 |
| €    | <b>517</b> | <b>601</b> |

**Art. 613**

Ganascia mobile doppia di spinta  
 Double clamping movable jaws



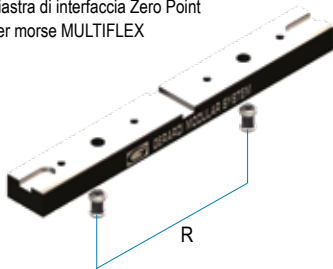
| Art. 612        | Pag. |
|-----------------|------|
| n° 1 Art. 603   | 6.29 |
| n° 12 Art. 604G | 6.30 |
| n° 8 Art. 613   | 6.32 |

**Tipo (grandezza) morsa / Vise type (size)**
**Art. 601**

 Corpo base morsa  
 Vise base body


|                                  | 1          |            |            |            |            | 2          |            |            |            |            | 3          |            |            |            |            |
|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A                                | 34         |            |            |            |            | 50         |            |            |            |            | 70         |            |            |            |            |
| A1                               | 34         |            |            |            |            | 54         |            |            |            |            | 70         |            |            |            |            |
| B                                | 8          |            |            |            |            | 12,5       |            |            |            |            | 15         |            |            |            |            |
| B1                               | 8          |            |            |            |            | 10,5       |            |            |            |            | 15         |            |            |            |            |
| C <sup>+0</sup> <sub>-0,02</sub> | 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</sup> <sub>-0,02</sub> | 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 |
| €                                | 419        | 485        | 586        | 719        | 856        | 607        | 709        | 820        | 931        | 1.082      | 1.243      | 1.190      | 1.298      | 1.406      | 1.622      |

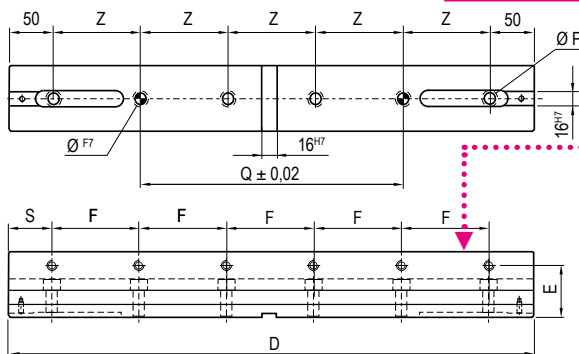
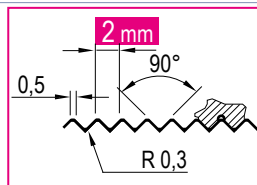
**Tipo (grandezza) morsa / Vise type (size)**
**Art. 62**
**NEW!**
**MULTIFLEX**

 Piastra di interfaccia Zero Point  
 per morse MULTIFLEX

 Zero Point connecting  
 plate for MULTIFLEX vises

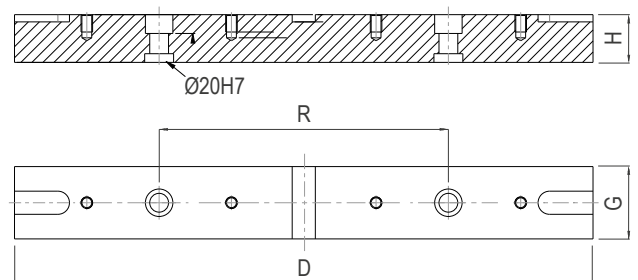
|                                     | 1          |            |            |            |            | 2          |            |            |            |            | 3          |            |            |            |            |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| D                                   | 300        | 400        | 500        | 600        | 700        | 400        | 500        | 600        | 700        | 800        | 900        | 700        | 800        | 900        | 1000       |
| G                                   | 50         |            |            |            |            | 75         |            |            |            |            | 100        |            |            |            |            |
| H                                   | 28         |            |            |            |            | 33         |            |            |            |            | 33         |            |            |            |            |
| N                                   | 2          | 2          | 2          | 2          | 3          | 2          | 2          | 2          | 3          | 3          | 3          | 3          | 3          | 3          | 4          |
| R <sup>+0,02</sup> <sub>-0,02</sub> | 200        | 200        | 250        | 250        | 200        | 200        | 250        | 250        | 200        | 250        | 300        | 200        | 250        | 300        | 200        |
| 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 |
| €                                   | 230        | 267        | 322        | 396        | 471        | 333        | 391        | 453        | 512        | 595        | 684        | 655        | 714        | 774        | 892        |

**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**

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


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

## Art. 603

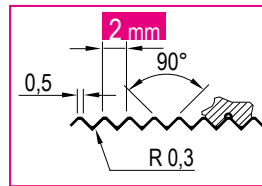
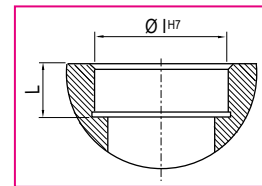
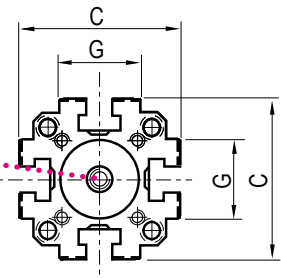
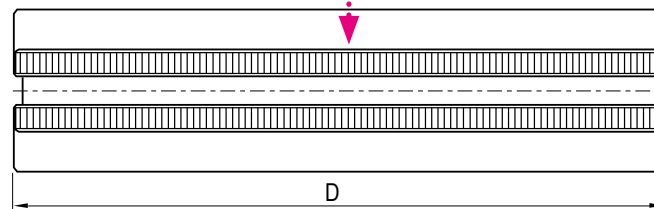
 Corpo base cubo  
 Cube base body

|                       |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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         |            |            | 100        |            |            |            |
| Ø I <sup>H7</sup>     | 25         |            |            |            |            | 50         |            |            | 50         | 50         | 50         |            |            | 50         |            |            |            |
| L <sup>-0/-0.02</sup> | 20         |            |            |            |            | 20         |            |            | 20         | 20         | 20         |            |            | 20         |            |            |            |
| kg                    | 15,4       | 20,5       | 25,6       | 30,7       | 35,8       | 44,8       | 56         | 67,2       | 110        | 78,4       | 115        | 143        | 163        | 164        | 188        | 211        | 235        |
| Cod.                  | 6.60.31300 | 6.60.31400 | 6.60.31500 | 6.60.31600 | 6.60.31700 | 6.60.32400 | 6.60.32500 | 6.60.32600 | 6.60.32601 | 6.60.32700 | 6.60.32701 | 6.60.32702 | 6.60.32800 | 6.60.33700 | 6.60.33800 | 6.60.33900 | 6.60.33100 |
| €                     | 2.089      | 2.424      | 2.694      | 3.137      | 3.848      | 3.030      | 3.327      | 3.687      | 5.141      | 4.188      | 5.509      | 5.574      | 6.115      | 5.947      | 6.488      | 7.029      | 8.106      |

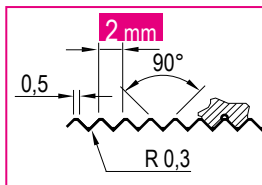
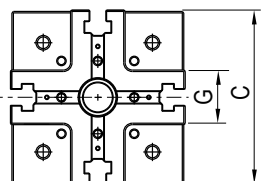
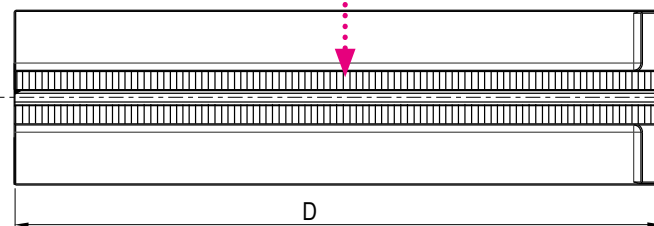
I prezzi su fondo magenta sono **comprensivi di base integrale**  
 Prices on the magenta background **include the solid head plate with the vise-tower**



### 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


| Tipo (grandezza) morsa / Vise type (size) | 1 | 2 | 3 |
|---|---|---|---|
|---|---|---|---|

**Art. 604\***

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



|      |            |            |            |
|------|------------|------------|------------|
| kg   | 0,4        | 1,35       | 3,84       |
| Cod. | 6.60.41000 | 6.60.42000 | 6.60.43000 |
| €    | <b>89</b>  | <b>103</b> | <b>119</b> |

\* Arresto laterale a richiesta Workstop on request

**Art. 604G\***

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

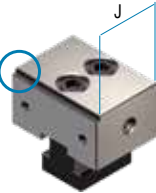
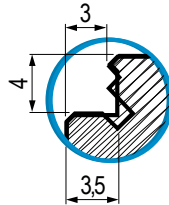


|      |            |            |            |
|------|------------|------------|------------|
| kg   | 0,5        | 1,40       | 3,90       |
| Cod. | 6.60.4G100 | 6.60.4G200 | 6.60.4G300 |
| €    | <b>89</b>  | <b>103</b> | <b>119</b> |

\* Arresto laterale a richiesta Workstop on request

**Art. 604T\***

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

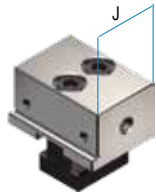


|      |            |            |            |
|------|------------|------------|------------|
| J    | 38         | 50         | 70         |
| Cod. | 6.60.4T100 | 6.60.4T200 | 6.60.4T300 |
| €    | <b>137</b> | <b>161</b> | <b>194</b> |

\* Arresto laterale a richiesta Workstop on request

**Art. 608\***

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



|      |            |            |            |
|------|------------|------------|------------|
| J    | 38         | 50         | 70         |
| kg   | 0,45       | 1,4        | 4          |
| Cod. | 6.60.81000 | 6.60.82000 | 6.60.83000 |
| €    | <b>137</b> | <b>161</b> | <b>193</b> |

\* Arresto laterale a richiesta Workstop on request

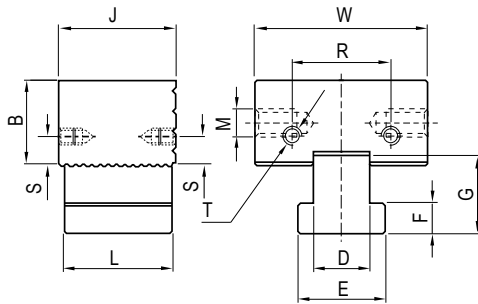
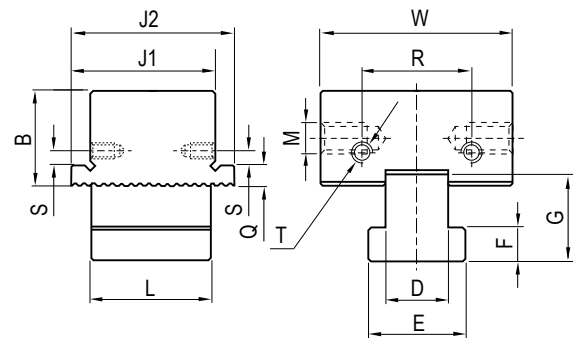
**Art. 614T\***

Ganascia fissa con doppio gradino  
 Fixed jaw with double step



|      |            |            |            |
|------|------------|------------|------------|
| Cod. | 6.61.4T100 | 6.61.4T200 | 6.61.4T300 |
| €    | <b>157</b> | <b>194</b> | <b>237</b> |

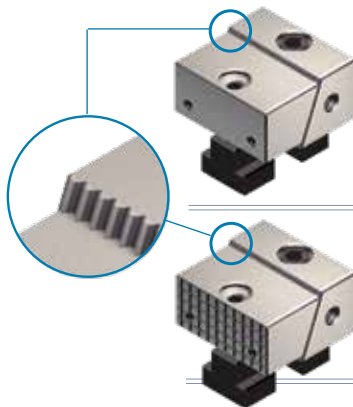
\* Arresto laterale a richiesta Workstop on request

**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  |

**Typo (grandezza) morsa / Vise type (size)**
**Art. 605\***

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

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


|      | 1          | 2          | 3          |
|------|------------|------------|------------|
| kg   | 0.6        | 1.8        | 4.7        |
| Cod. | 6.60.51000 | 6.60.52000 | 6.60.53000 |
| €    | 139        | 160        | 184        |

\* Arresto laterale a richiesta Workstop on request

**Art. 605S\***

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

**Art. 605W\***

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

|      | 1          | 2          | 3          |
|------|------------|------------|------------|
| kg   | 0.6        | 1.8        | 4.7        |
| Cod. | 6.60.5S100 | 6.60.5S200 | 6.60.5S300 |
| €    | 139        | 160        | 184        |

\* Arresto laterale a richiesta Workstop on request

|      | 1          | 2          | 3          |
|------|------------|------------|------------|
| Cod. | 6.60.5W100 | 6.60.5W200 | 6.60.5W300 |
| €    | 139        | 160        | 184        |

\* Arresto laterale a richiesta Workstop on request

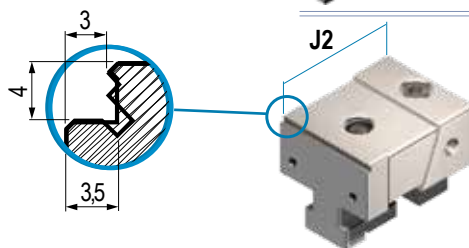
**Art. 609\***

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


|      | 1          | 2          | 3          |
|------|------------|------------|------------|
| kg   | 0.8        | 2.2        | 5.5        |
| Cod. | 6.60.91000 | 6.60.92000 | 6.60.93000 |
| €    | 255        | 301        | 345        |

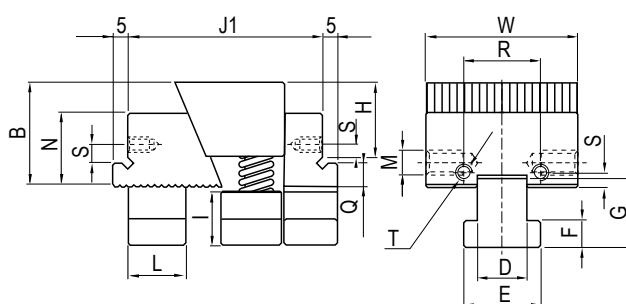
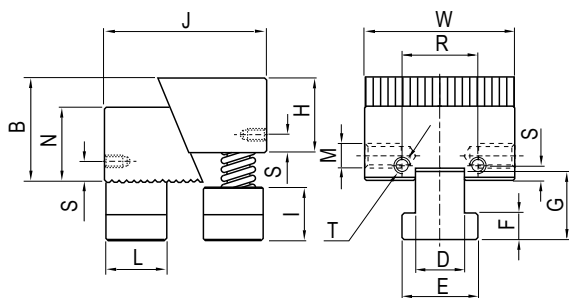
\* Arresto laterale a richiesta Workstop on request

**Art. 609T\***

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


|      | 1          | 2          | 3          |
|------|------------|------------|------------|
| Cod. | 6.60.9T100 | 6.60.9T200 | 6.60.9T300 |
| €    | 255        | 301        | 345        |

\* 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) morsa / Vise type (size) | 1 | 2 | 3 |
|---|---|---|---|
|---|---|---|---|

**Art. 613**

 Ganaschia mobile di spinta doppia per morsa 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 |
| €    | <b>433</b> | <b>517</b> | <b>601</b> |

**Art. 615\***

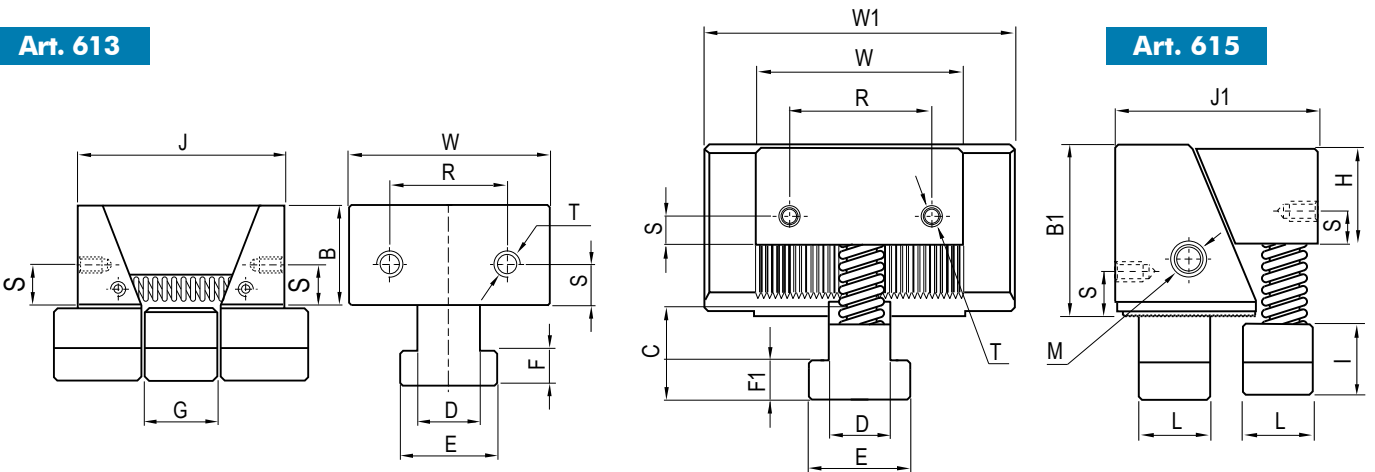
 Ganaschia con cuneo di posizionamento maggiorato  
 Jaw with bigger positioning wedge  
 (Increased with respect to standard dimensions)


|              |            |            |            |
|--------------|------------|------------|------------|
| Cod.Art.615  | 6.61.51000 | 6.61.52000 | 6.61.53000 |
| Cod.Art.615W | 6.61.5W100 | 6.61.5W200 | 6.61.5W300 |
| €            | <b>153</b> | <b>177</b> | <b>215</b> |

**Art. 615W** **NEW!**

 Ganaschia zigrinata fissa e mobile liscia con cuneo di posizionamento maggiorato  
 Serrated fixed and movable jaw with bigger positioning wedge

\* Arresto laterale a richiesta Workstop on request

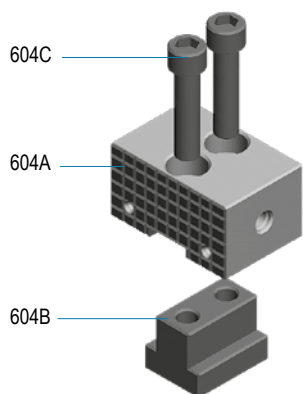
**Art. 613**
**Art. 615**


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

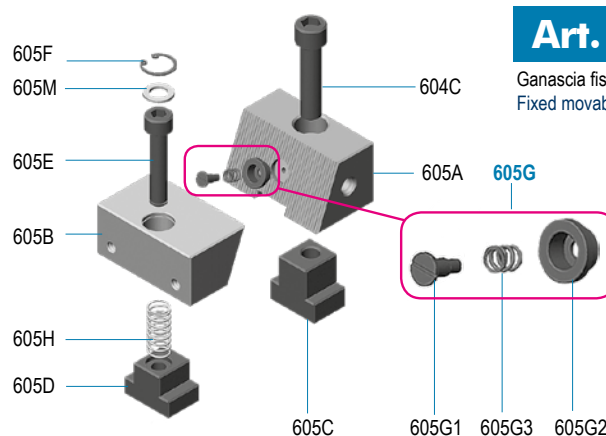
6



| Tipo (grandezza) morsa / Vise type (size) |  | 1 | 2                               | 3                               |                                 |
|---|--|---|---------------------------------|---------------------------------|---------------------------------|
| <b>Art. 604</b>                           | Ganascia fissa (1 lato liscia, 1 lato zigrinata)<br>Fixed jaw (1 side smooth, 1 side serrated) |   | Cod. 6.60.41000<br>€ <b>89</b>  | Cod. 6.60.42000<br>€ <b>103</b> | Cod. 6.60.43000<br>€ <b>119</b> |
| <b>Art. 604A</b>                          | Ganascia fissa (un lato liscio e uno zigrinato)<br>Fixed jaw (1 side smooth, 1 side serrated)  |   | Cod. 6.60.4A100<br>€ <b>87</b>  | Cod. 6.60.4A200<br>€ <b>98</b>  | Cod. 6.60.4A300<br>€ <b>114</b> |
| <b>Art. 604B</b>                          | Dado a "T" per ganascia fissa / "T" nut for fixed jaw  |   | Cod. 6.60.4B100<br>€ <b>10</b>  | Cod. 6.60.4B200<br>€ <b>11</b>  | Cod. 6.60.4B300<br>€ <b>13</b>  |
| <b>Art. 604C</b>                          | Vite TCEI fissaggio ganascia fissa<br>Hex socket head screw for fixed jaw                      |   | Cod. 6.60.4C100<br>€ <b>6</b>   | Cod. 6.60.4C200<br>€ <b>6</b>   | Cod. 6.60.4C300<br>€ <b>6</b>   |
| <b>Art. 605A</b>                          | Cuneo di posizionamento / Positioning wedge  |   | Cod. 6.60.5A100<br>€ <b>87</b>  | Cod. 6.60.5A200<br>€ <b>98</b>  | Cod. 6.60.5A300<br>€ <b>114</b> |
| <b>Art. 605AS</b>                         | Cuneo di posizionamento zigrinato<br>Serrated positioning wedge                                |   | Cod. 6.60.5AS10<br>€ <b>87</b>  | Cod. 6.60.5AS20<br>€ <b>98</b>  | Cod. 6.60.5AS30<br>€ <b>114</b> |
| <b>Art. 605B</b>                          | Cuneo di spinta / Clamping wedge   |   | Cod. 6.60.5B100<br>€ <b>87</b>  | Cod. 6.60.5B200<br>€ <b>98</b>  | Cod. 6.60.5B300<br>€ <b>114</b> |
| <b>Art. 605BS</b>                         | Cuneo di spinta zigrinato / Serrated clamping wedge  |   | Cod. 6.60.5BS10<br>€ <b>87</b>  | Cod. 6.60.5BS20<br>€ <b>98</b>  | Cod. 6.60.5BS30<br>€ <b>114</b> |
| <b>Art. 605C</b>                          | Dado a "T" per cuneo di posizionamento<br>"T" nut for positioning wedge                        |   | Cod. 6.60.5C100<br>€ <b>10</b>  | Cod. 6.60.5C200<br>€ <b>10</b>  | Cod. 6.60.5C300<br>€ <b>13</b>  |
| <b>Art. 605D</b>                          | Dado a "T" per cuneo di spinta<br>"T" nut for clamping wedge                                   |   | Cod. 6.60.5D100<br>€ <b>9</b>   | Cod. 6.60.5D200<br>€ <b>10</b>  | Cod. 6.60.5D300<br>€ <b>13</b>  |
| <b>Art. 605E</b>                          | Vite TCEI / TCEI screw   |   | Cod. 6.60.5E100<br>€ <b>6</b>   | Cod. 6.60.5E200<br>€ <b>6</b>   | Cod. 6.60.5E300<br>€ <b>6</b>   |
| <b>Art. 605F</b>                          | Anello elastico / Seeger   |   | Cod. 6.60.5F100<br>€ <b>5</b>   | Cod. 6.60.5F200<br>€ <b>5</b>   | Cod. 6.60.5F300<br>€ <b>5</b>   |
| <b>Art. 605G1</b>                         | Vite a gradino / Step screw  |   | Cod. 6.60.5G101<br>€ <b>5</b>   | Cod. 6.60.5G103<br>€ <b>5</b>   |                                 |
| <b>Art. 605G2</b>                         | Perno a molla / Spring pin   |   | Cod. 6.60.5G201<br>€ <b>5</b>   | Cod. 6.60.5G202<br>€ <b>7</b>   | Cod. 6.60.5G203<br>€ <b>7</b>   |
| <b>Art. 605G3</b>                         | Molla / Spring   |   | Cod. 6.60.5G301<br>€ <b>11</b>  | Cod. 6.60.5G303<br>€ <b>11</b>  |                                 |
| <b>Art. 605H</b>                          | Molla / Spring   |   | Cod. 6.60.5H100<br>€ <b>15</b>  | Cod. 6.60.5H200<br>€ <b>15</b>  | Cod. 6.60.5H300<br>€ <b>15</b>  |
| <b>Art. 605I</b>                          | Cuneo a spinta dolce / Soft clamping wedge   |   | Cod. 6.60.5I100<br>€ <b>107</b> | Cod. 6.60.5I200<br>€ <b>119</b> | Cod. 6.60.5I300<br>€ <b>136</b> |
| <b>Art. 605L</b>                          | Cuneo di spinta a "V" / "V" clamping wedge   |   | Cod. 6.60.5L100<br>€ <b>174</b> | Cod. 6.60.5L200<br>€ <b>198</b> | Cod. 6.60.5L300<br>€ <b>217</b> |
| <b>Art. 605M</b>                          | Rondella / Washer  |   | Cod. 6.60.5M100<br>€ <b>3</b>   | Cod. 6.60.5M200<br>€ <b>3</b>   | Cod. 6.60.5M300<br>€ <b>3</b>   |


**Art. 604**

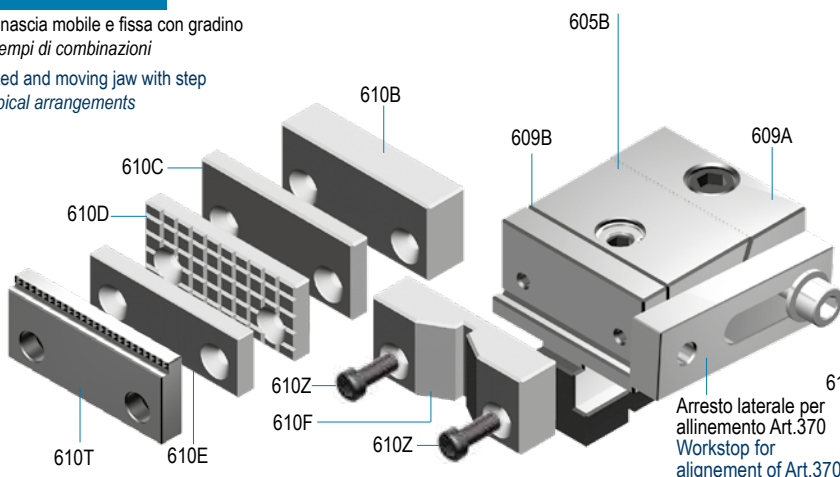
Ganascia fissa  
(1 lato liscia, 1 lato zigrinata)  
per morsa **Art. 600 e 602**  
Fixed jaw  
(1 side smooth, 1 side serrated)  
for vise **Art. 600 and 602**

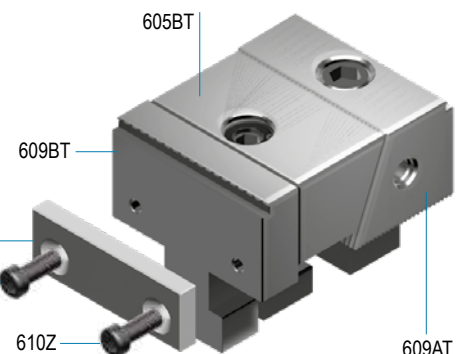

**Art. 605**

Ganascia fissa mobile  
Fixed movable jaw

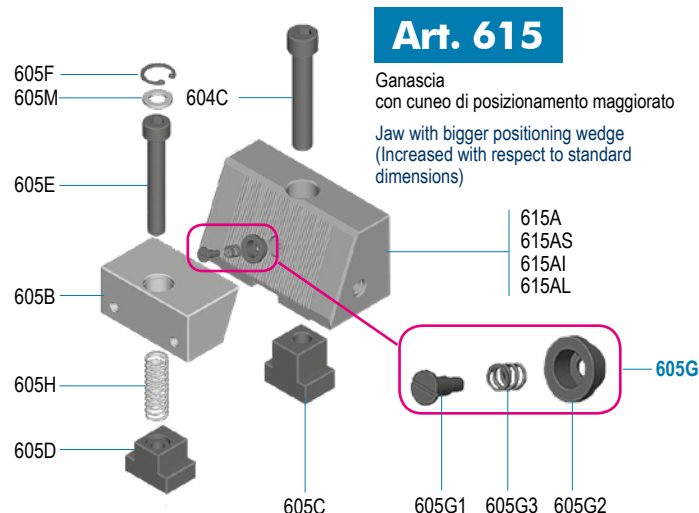
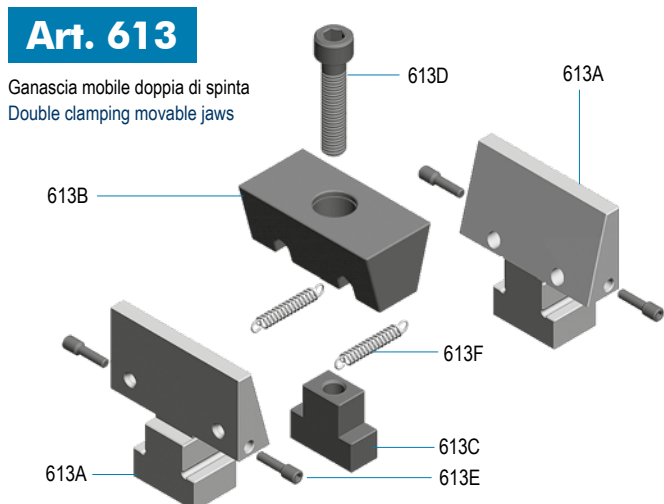
| Tipo (grandezza) morsa / Vise type (size) |  | 1               | 2                 | 3          |            |
|---|--|-----------------|-------------------|------------|------------|
| <b>Art. 605B</b>                          | Cuneo di spinta<br>Clamping wedge  |                 | <b>Art. 605BT</b> |            |            |
|   |  | 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>87</b>         | <b>98</b>  | <b>114</b> |
| <b>Art. 609A</b>                          | Cuneo di posizionamento con gradino<br>Positioning wedge with step               |                 | <b>Art. 609AT</b> |            |            |
|   |  | 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>96</b>         | <b>115</b> | <b>145</b> |
| <b>Art. 609B</b>                          | Ganascia mobile guidata con gradino<br>Movable guided jaw with step              |                 | <b>Art. 609BT</b> |            |            |
|   |  | 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>128</b>        | <b>144</b> | <b>169</b> |
| <b>Art. 610B</b>                          | Piastra ganascia dolce<br>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>28</b>         | <b>33</b>  | <b>38</b>  |
| <b>Art. 610C</b>                          | Piastra ganascia liscia<br>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>23</b>         | <b>28</b>  | <b>33</b>  |
| <b>Art. 610D</b>                          | Piastra ganascia zigrinata<br>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>28</b>         | <b>33</b>  | <b>38</b>  |
| <b>Art. 610E</b>                          | Piastra ganascia parallela<br>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>23</b>         | <b>28</b>  | <b>33</b>  |
| <b>Art. 610T</b>                          | Piastra ganascia GRIP a forte serraggio<br>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>33</b>         | <b>38</b>  | <b>44</b>  |
| <b>Art. 610F</b>                          | Piastra ganascia prismatica<br>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>28</b>         | <b>33</b>  | <b>38</b>  |
| <b>Art. 610Z</b>                          | Vite per piastre ganasce<br>Screw for jaw plates                                 |                 |                   |            |            |
|   |  | Cod.            | 6.61.0Z100        | 6.61.0Z200 | 6.61.0Z300 |
|   |  | €               | <b>3</b>          | <b>3</b>   | <b>3</b>   |

**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) morsa / Vise type (size) |   | 1 | 2                               | 3                               |                                 |
|---|---|---|---------------------------------|---------------------------------|---------------------------------|
| <b>Art. 608A</b>                          | Ganascia fissa con gradino / Fixed jaw with step  |   | Cod. 6.60.8A100<br>€ <b>110</b> | Cod. 6.60.8A200<br>€ <b>130</b> | Cod. 6.60.8A300<br>€ <b>160</b> |
| <b>Art. 613A</b>                          | Ganascia mobile / Movable jaw   |   | Cod. 6.61.3A100<br>€ <b>124</b> | Cod. 6.61.3A200<br>€ <b>141</b> | Cod. 6.61.3A300<br>€ <b>163</b> |
| <b>Art. 613B</b>                          | Cuneo di spinta / Clamping wedge  |   | Cod. 6.61.3B100<br>€ <b>206</b> | Cod. 6.61.3B200<br>€ <b>315</b> | Cod. 6.61.3B300<br>€ <b>380</b> |
| <b>Art. 613C</b>                          | Dado a "T" / "T" nut  |   | Cod. 6.61.3C100<br>€ <b>10</b>  | Cod. 6.61.3C200<br>€ <b>11</b>  | Cod. 6.61.3C300<br>€ <b>16</b>  |
| <b>Art. 613D</b>                          | Vite TCEI / Hex socket head screw   |   | Cod. 6.61.3D100<br>€ <b>6</b>   | Cod. 6.61.3D200<br>€ <b>6</b>   | Cod. 6.61.3D300<br>€ <b>6</b>   |
| <b>Art. 613E</b>                          | Grano / Set screw   |   | Cod. 6.61.3E100<br>€ <b>4</b>   | Cod. 6.61.3E200<br>€ <b>4</b>   | Cod. 6.61.3E300<br>€ <b>4</b>   |
| <b>Art. 613F</b>                          | Molla / Spring  |   | Cod. 6.61.3F100<br>€ <b>17</b>  | Cod. 6.61.3F200<br>€ <b>20</b>  | Cod. 6.61.3F300<br>€ <b>25</b>  |
| <b>Art. 615A</b>                          | <b>Cuneo di posizionamento liscio maggiorato</b><br><b>Positioning wedge smooth</b><br><b>(increased with respect to stand dimension)</b> |   | Cod. 6.61.5A100<br>€ <b>96</b>  | Cod. 6.61.5A200<br>€ <b>108</b> | Cod. 6.61.5A300<br>€ <b>124</b> |
| <b>Art. 615AS</b>                         | Cuneo di posizionamento zigrinato maggiorato<br>Positioning wedge serrated<br>(increased with respect to stand dimension)                 |   | Cod. 6.61.5AS10<br>€ <b>96</b>  | Cod. 6.61.5AS20<br>€ <b>108</b> | Cod. 6.61.5AS30<br>€ <b>124</b> |
| <b>Art. 615I</b>                          | <b>Cuneo di posizionamento dolce maggiorato</b><br><b>Positioning wedge soft</b><br><b>(increased with respect to stand dimension)</b>    |   | Cod. 6.61.5I100<br>€ <b>96</b>  | Cod. 6.61.5I200<br>€ <b>108</b> | Cod. 6.61.5I300<br>€ <b>124</b> |
| <b>Art. 615L</b>                          | Cuneo di posizionamento a gradino maggiorato<br>Positioning wedge with stop<br>(increased with respect to stand dimension)                |   | Cod. 6.61.5L100<br>€ <b>106</b> | Cod. 6.61.5L200<br>€ <b>128</b> | Cod. 6.61.5L300<br>€ <b>151</b> |
| <b>Art. 615C</b>                          | Vite TCEI fissaggio ganascia fissa<br>Hex socked head screw for fixed jaw   |   | Cod. 6.61.5C100<br>€ <b>7</b>   | Cod. 6.61.5C200<br>€ <b>7</b>   | Cod. 6.61.5C300<br>€ <b>7</b>   |
| <b>Art. 615E</b>                          | Vite TCEI<br>TCEI screw   |   | Cod. 6.61.5E100<br>€ <b>7</b>   | Cod. 6.61.5E200<br>€ <b>7</b>   | Cod. 6.61.5E300<br>€ <b>7</b>   |

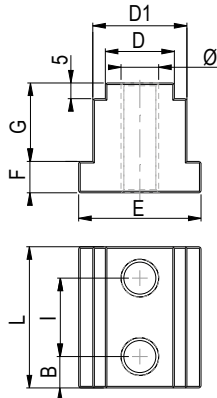
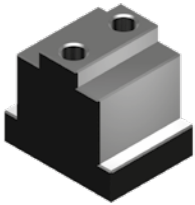


# DADI A "T" PER TRASFORMAZIONI

## "T" NUTS FOR TRANSFORMATIONS

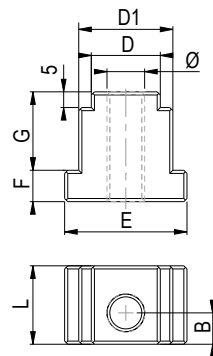
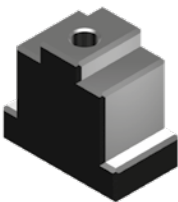
**Tipo (grandezza) / Type (size)**
**Base / Base**  
**Ganascia / Jaw**
**Tipo - Type 2**  
**Tipo - Type 1**
**Tipo - Type 3**  
**Tipo - Type 1**
**Tipo - Type 3**  
**Tipo - Type 2**

### Art. 604B

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


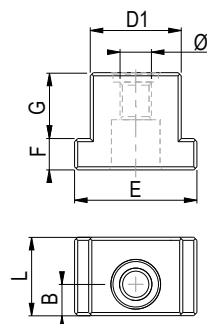
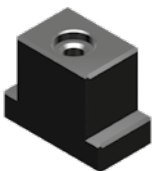
|     |              |              |              |
|-----|--------------|--------------|--------------|
| B   | 6            | 6            | 10           |
| D   | 14           | 14           | 22           |
| D1  | 22           | 30           | 30           |
| E   | 34           | 39           | 39           |
| F   | 10           | 10           | 10           |
| 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 |
| €   | 12           | 13           | 16           |

### 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   | 10           | 10           | 10           |
| 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 |
| €   | 10           | 10           | 13           |

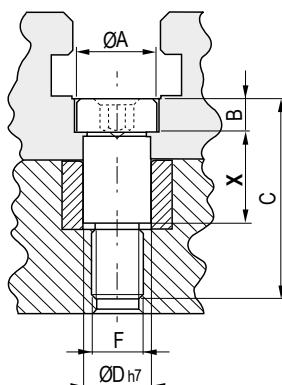
### Art. 605D

 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   | 10           | 10           | 10           |
| 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 |
| €   | 10           | 11           | 13           |

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

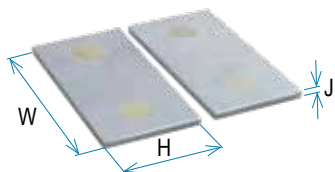
### Art. 81

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

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

|     |            |            |            |
|-----|------------|------------|------------|
| ØA  | 13         | 20         | 24         |
| B   | 8          | 8          | 12         |
| C   | 46         | 65         | 80         |
| ØD  | 10         | 16         | 16         |
| F   | M8         | M12        | M12        |
| X   | 25         | 40         | 50         |
| Cod | 6.81.11025 | 6.81.21640 | 6.81.21650 |
| €   | 10         | 11         | 12         |

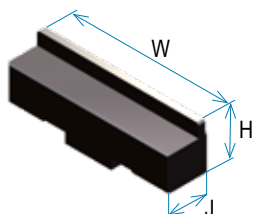
**N.B:** Per avere altre lunghezze consultare Pag.11.15 - For other lengths see Page.11.15

**Tipo (grandezza) morsa / Vise type (size)**
**1**
**2**
**3**
**Art. 616**

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


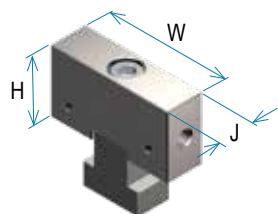
|      |            |            |            |
|------|------------|------------|------------|
| J    | 2,7        | 2,7        | 2,7        |
| W    | 49         | 74         | 99         |
| H    | 20         | 35         | 55         |
| Cod. | 6.61.61000 | 6.61.62000 | 6.61.63000 |
| €    | 33         | 55         | 76         |

**Art. 617**

 Piastra magnetica a gradino monoblocco  
 Magnetic solid step jaw plate


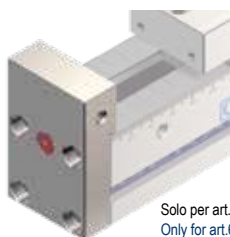
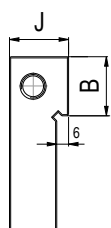
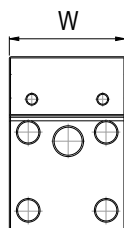
|      |            |            |            |
|------|------------|------------|------------|
| J    | 12         | 17         | 22         |
| W    | 49         | 74         | 99         |
| H    | 20         | 35         | 55         |
| Cod. | 6.61.71020 | 6.61.72035 | 6.61.73055 |
| €    | 33         | 55         | 76         |

**Art. 618**

 Ganascia fissa ridotta  
 Narrow width fixed jaw


|      |            |            |            |
|------|------------|------------|------------|
| J    | 18         | 22         | 29         |
| W    | 49         | 74         | 99         |
| H    | 25         | 40         | 60         |
| Cod. | 6.61.81000 | 6.61.82000 | 6.61.83000 |
| €    | 76         | 87         | 98         |

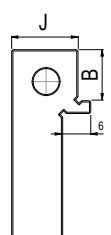
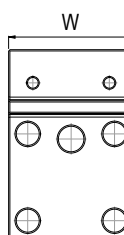
**Art. 604R**

 Piastra ganascia fissa di partenza  
 Fixed start jaw plate

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

**PER UNA MAGGIORE APERTURA  
 FOR MORE OPENING**

|      |            |            |            |
|------|------------|------------|------------|
| W    | 49         | 74         | 99         |
| J    | 25         | 30         | 35         |
| B    | 25         | 40         | 60         |
| Cod. | 6.60.4R100 | 6.60.4R200 | 6.60.4R300 |
| €    | 178        | 206        | 239        |

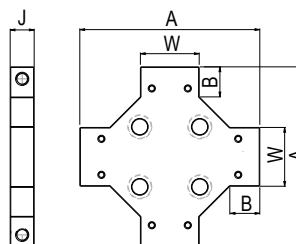
**Art. 608R**

 Piastra ganascia fissa di partenza con gradino  
 Fixed start jaw plate with step

 Solo per art.606  
 Only for art.606

**PER UNA MAGGIORE APERTURA  
 FOR MORE OPENING**

|      |            |            |            |
|------|------------|------------|------------|
| W    | 49         | 74         | 99         |
| J    | 26         | 36         | 41         |
| B    | 25         | 40         | 60         |
| Cod. | 6.60.8R100 | 6.60.8R200 | 6.60.8R300 |
| €    | 190        | 237        | 284        |

**Art. 604PC**

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


|      |            |            |            |     |     |     |
|------|------------|------------|------------|-----|-----|-----|
| *A   | 150        | 230        | 290        | 310 | 320 | 360 |
| W    | 49         | 74         | 99         |     |     |     |
| J    | 20         | 25         | 30         |     |     |     |
| B    | 25         | 40         | 60         |     |     |     |
| Cod. | 6.60.4PC10 | 6.60.4PC20 | 6.60.4PC30 |     |     |     |
| €    | 650        | 758        | 866        |     |     |     |

\* Scegliere la dimensione A in funzione del cubo utilizzato, vedi Art.603 a pag. 6.27 - Referring to the cube you are using, choose dimension "A", see Art.603 page. 6.27

# SERRAGGIO A CUNEO DISCENDENTE

## JAWS WEDGE CLAMP

| Tipo (grandezza) / Type (size) |    | 1  | 2  | 3  |
|--------------------------------|----|----|----|----|
|                                | kN | 15 | 30 | 60 |

### Art.723A NEW!

Sistema di serraggio a cuneo discendente con ganasce lisce  
 Smooth jaws wedge clamp



|             |            |            |            |
|-------------|------------|------------|------------|
| J min ÷ max | 27 ÷ 32    | 42 ÷ 49    | 57 ÷ 66    |
| Cod.        | 6.72.3A100 | 6.72.3A200 | 6.72.3A300 |
| €           | 89         | 103        | 119        |

\* Arresto laterale a richiesta Workstop on request

### Art.723B NEW!

Sistema di serraggio a cuneo discendente con ganasce zigrinate  
 Serrated jaws wedge clamp



|             |            |            |            |
|-------------|------------|------------|------------|
| J min ÷ max | 27 ÷ 32    | 42 ÷ 49    | 57 ÷ 66    |
| Cod.        | 6.72.3B100 | 6.72.3B200 | 6.72.3B300 |
| €           | 89         | 103        | 119        |

\* Arresto laterale a richiesta Workstop on request

### Art.723C NEW!

Sistema di serraggio a cuneo discendente con ganasce lavorabili  
 Soft machineable jaw clamping wedge

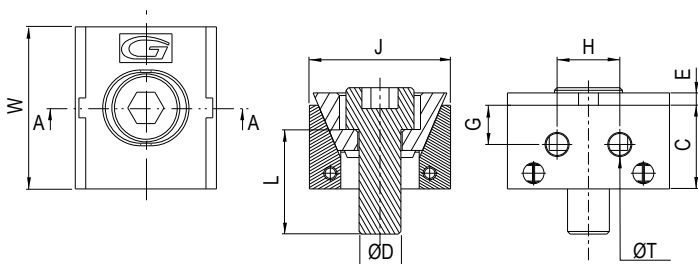


|             |            |            |            |
|-------------|------------|------------|------------|
| J min ÷ max | 33 ÷ 38    | 52 ÷ 59    | 67 ÷ 76    |
| Cod.        | 6.72.3C100 | 6.72.3C200 | 6.72.3C300 |
| €           | 137        | 161        | 194        |

\* Arresto laterale a richiesta Workstop on request

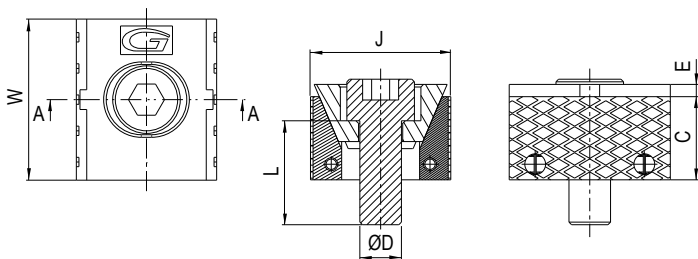
| Tipo (grandezza) / Type (size) |  | 1 | 2 | 3 |
|--------------------------------|--|---|---|---|
|--------------------------------|--|---|---|---|

#### Art. 723A



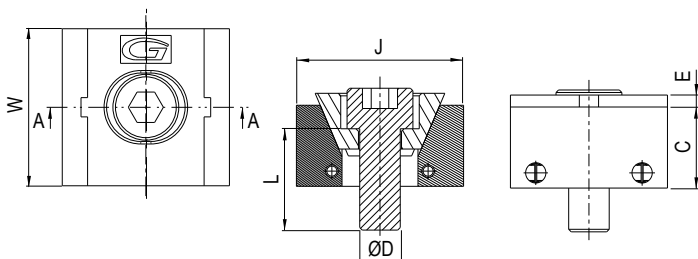
|    |         |         |         |
|----|---------|---------|---------|
| W  | 31      | 42      | 58      |
| C  | 16      | 23      | 30      |
| ØD | M8      | M12     | M16     |
| E  | 2       | 3,5     | 4       |
| G  | 7,5     | 11,5    | 15      |
| H  | 12      | 18      | 26      |
| J  | 27 ÷ 32 | 42 ÷ 49 | 57 ÷ 66 |
| L  | 20      | 30      | 35      |
| ØT |         | M5      |         |

#### Art. 723B



|    |         |         |         |
|----|---------|---------|---------|
| 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      |

#### Art. 723C



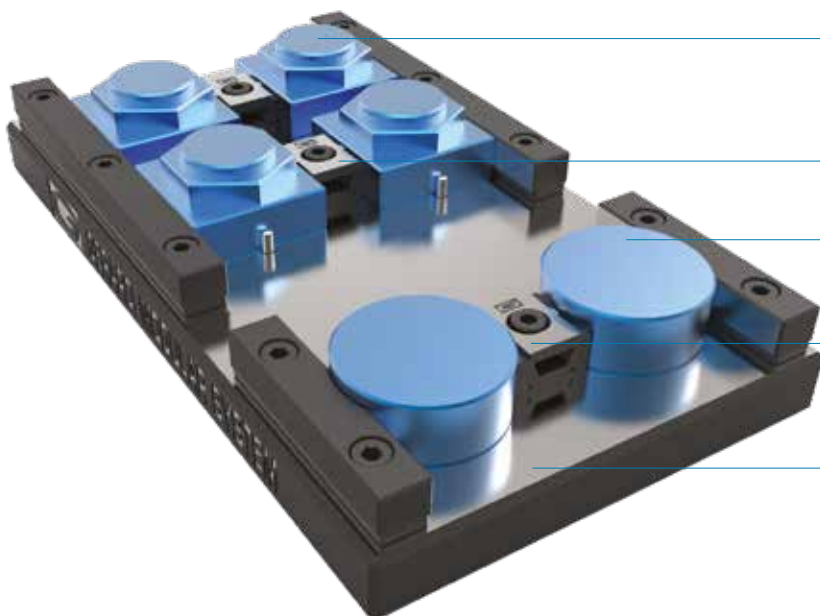
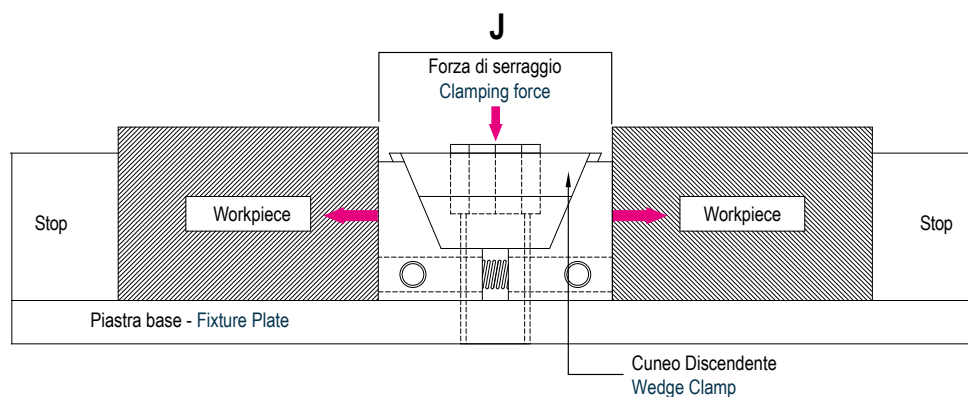
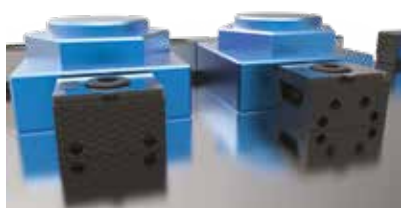
|    |         |         |         |
|----|---------|---------|---------|
| W  | 31      | 42      | 58      |
| C  | 16      | 23      | 30      |
| ØD | M8      | M12     | M16     |
| E  | 2       | 3,5     | 4       |
| J  | 33 ÷ 38 | 52 ÷ 59 | 67 ÷ 76 |
| L  | 20      | 30      | 35      |

6

# SERRAGGIO A CUNEO DISCENDENTE

## JAWS WEDGE CLAMP

| Tipo (grandezza) / Type (size) |                                       | 1    |  |      | 2                                     |      |      | 3                                     |      |  |
|--------------------------------|---------------------------------------|------|--|------|---------------------------------------|------|------|---------------------------------------|------|--|
| <b>Art. 723A</b>               |                                       | J    |  |      | J                                     |      |      | J                                     |      |  |
| min.                           | Valore consigliato<br>Value suggested | max. |  | min. | Valore consigliato<br>Value suggested | max. | min. | Valore consigliato<br>Value suggested | max. |  |
| 27                             | 29÷30                                 | 32   |  | 42   | 45÷46                                 | 49   | 57   | 61÷63                                 | 66   |  |
| <b>Art. 723B</b>               |                                       | J    |  |      | J                                     |      |      | J                                     |      |  |
| min.                           | Valore consigliato<br>Value suggested | max. |  | min. | Valore consigliato<br>Value suggested | max. | min. | Valore consigliato<br>Value suggested | max. |  |
| 27                             | 29÷30                                 | 32   |  | 42   | 45÷46                                 | 49   | 57   | 61÷63                                 | 66   |  |
| <b>Art. 723C</b>               |                                       | J    |  |      | J                                     |      |      | J                                     |      |  |
| min.                           | Valore consigliato<br>Value suggested | max. |  | min. | Valore consigliato<br>Value suggested | max. | min. | Valore consigliato<br>Value suggested | max. |  |
| 33                             | 35÷36                                 | 38   |  | 52   | 55÷56                                 | 59   | 67   | 71÷73                                 | 76   |  |



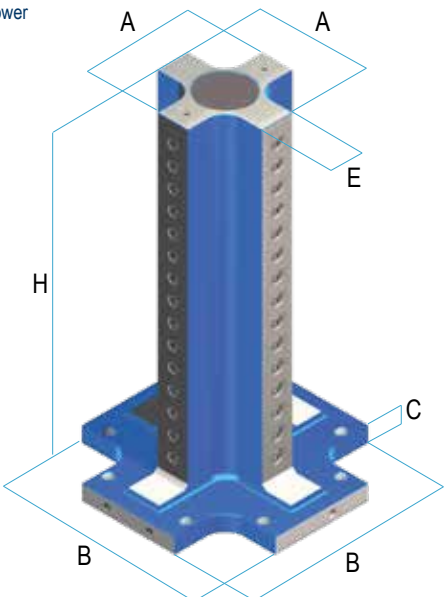
Pezzi da lavorare  
Workpieces

Cuneo discendente Art.723A  
Wedge clamp Art.723A

Pezzo da lavorare con forma inusuale  
Unusual shape workpiece

Cuneo discendente con  
ganasce lavorabili Art.723C  
Machineable wedge  
clamp Art.723C

Piastra base  
Fixture plate

| Dimensioni - Dimensions  | A   | B   | C  | E   | H   | kg  | Art. 57F 40  |              | Art. 57F 50 |              |
|--|-----|-----|----|-----|-----|-----|--------------|--------------|-------------|--------------|
|  |     |     |    |     |     |     | Cod.         | €            | Cod.        | €            |
| <b>Art. 57F</b><br>Cubo a croce<br>Cross tower  | 200 | 500 | 40 | 80  | 750 | 154 | 8.57.F40100  | <b>2.350</b> | 8.57.F00100 | <b>1.880</b> |
|  | 200 | 500 | 40 | 80  | 650 | 140 | 8.57.F40105  | <b>2.486</b> | 8.57.F00105 | <b>1.989</b> |
|  | 250 | 500 | 40 | 80  | 750 | 194 | 8.57.F40106  | <b>2.896</b> | 8.57.F00106 | <b>2.317</b> |
|  | 270 | 500 | 40 | 80  | 850 | 232 | 8.57.F40110  | <b>3.430</b> | 8.57.F00110 | <b>2.743</b> |
|  | 230 | 500 | 40 | 110 | 850 | 214 | 8.57.F40120  | <b>3.238</b> | 8.57.F00120 | <b>2.590</b> |
|  | 300 | 500 | 40 | 150 | 850 | 264 | 8.57.F40130  | <b>3.976</b> | 8.57.F00130 | <b>3.180</b> |
|  | 300 | 630 | 40 | 150 | 950 | 322 | 8.57.F40140  | <b>4.877</b> | 8.57.F00140 | <b>3.707</b> |
|  | 370 | 500 | 40 | 200 | 950 | 379 | 8.57.F40145  | <b>5.724</b> | 8.57.F00145 | <b>4.579</b> |
|  | 400 | 500 | 50 | 100 | 850 | 228 | 8.57.F.40150 | <b>4.590</b> | 8.57.F00150 | <b>3.825</b> |

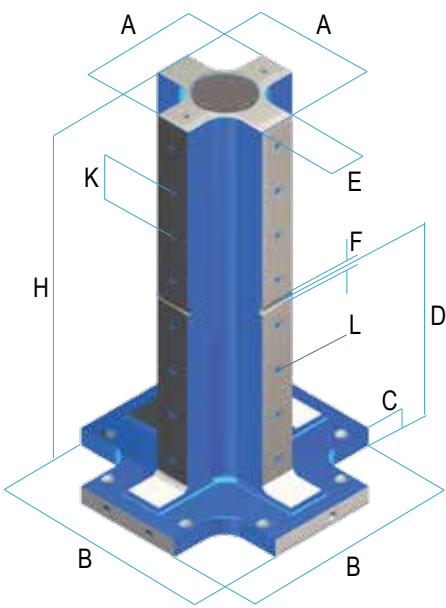
**Art. 57F 40    Art. 57F 50**

Croce a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox  
 Tolleranza ± 0,02 mm

- Interasse reticolo 40 mm = Ø 12 / M10
- Interasse reticolo 50 mm = Ø 16 / M12

Crosscube grid type with hardened bushing 100Cr6 and inox steel helicoils  
 Tolerance ± 0,02 mm

- Grid pitch 40 mm = Ø 12 / M10
- Grid pitch 50 mm = Ø 16 / M12

| Dimensioni - Dimensions  | A   | B   | C  | D   | E   | F  | H   | K  | L   | kg  | Cod.        | €            |
|--|-----|-----|----|-----|-----|----|-----|----|-----|-----|-------------|--------------|
| <b>Art. 57G</b><br>Cubo a croce per morse Multiflex<br>Cross tower for Multiflex vises  | 200 | 500 | 40 | 350 | 80  | 16 | 750 | 50 | M12 | 154 | 8.57.G00100 | <b>1.854</b> |
|  | 200 | 500 | 40 | 350 | 80  | 16 | 650 | 50 | M12 | 140 | 8.57.G00105 | <b>1.957</b> |
|  | 250 | 500 | 40 | 400 | 80  | 16 | 750 | 50 | M12 | 194 | 8.57.G00106 | <b>2.179</b> |
|  | 270 | 500 | 40 | 450 | 80  | 16 | 850 | 50 | M12 | 232 | 8.57.G00110 | <b>2.730</b> |
|  | 230 | 500 | 40 | 450 | 110 | 16 | 850 | 50 | M12 | 214 | 8.57.G00120 | <b>2.575</b> |
|  | 300 | 500 | 40 | 450 | 150 | 16 | 850 | 50 | M12 | 264 | 8.57.G00130 | <b>3.090</b> |
|  | 300 | 630 | 40 | 500 | 150 | 16 | 950 | 50 | M12 | 322 | 8.57.G00140 | <b>3.399</b> |
|  | 370 | 500 | 40 | 500 | 200 | 16 | 950 | 50 | M12 | 379 | 8.57.G00145 | <b>4.429</b> |
|  | 400 | 500 | 50 | 450 | 100 | 16 | 850 | 50 | M12 | 228 | 8.57.G00150 | <b>2.627</b> |

Montaggio ed allineamento morse tramite fissaggio centrale €103 cad - Montaggio ed allineamento morse tramite staffe €124 cad (Vedi pag. 8.9)  
 Vise mounting and alignment through central screws €103 each - Vise mounting and alignment through vise holding clamps €124 each (See pag. 8.9)



# SERRAGGIO MECCANICO CON CHIAVE DINAMOMETRICA

## MECHANICAL CLAMPING WITH TORQUE WRENCH



### GRUPPI DI SERRAGGIO MECCANICI

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

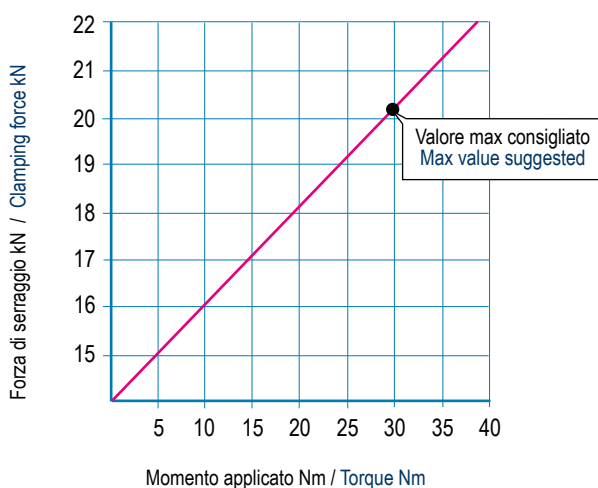
### MECHANICAL CLAMPING DEVICES

The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 3) as a function of wrenching force/torque

### MORSE MULTIFLEX TIPO 1

#### MULTIFLEX VISES TYPE 1

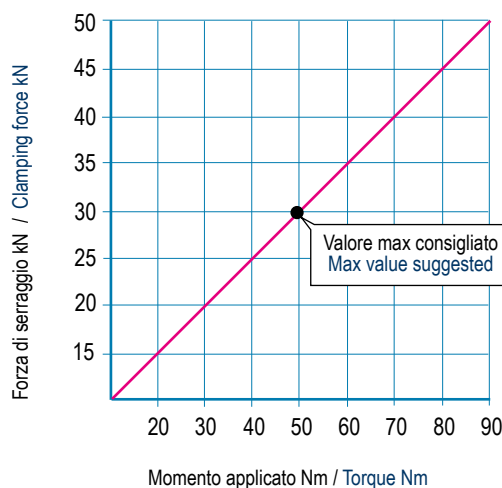
Cuneo di spinta:  
**Momento massimo applicato 40Nm**  
 Clamping wedge: **Torque 40Nm**



### MORSE MULTIFLEX TIPO 2

#### MULTIFLEX VISES TYPE 2

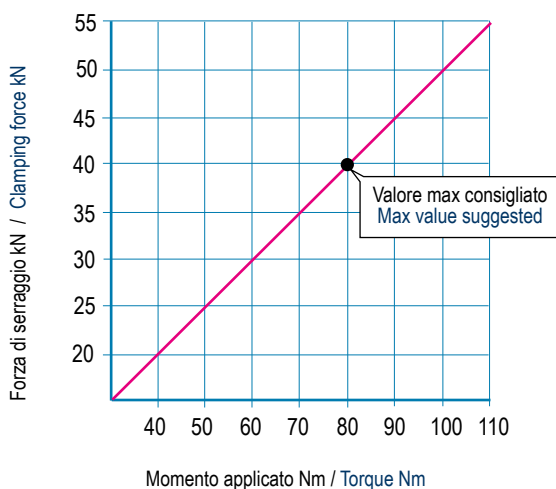
Cuneo di spinta:  
**Momento massimo applicato 120Nm**  
 Clamping wedge: **Torque 120Nm**



### MORSE MULTIFLEX TIPO 3

#### MULTIFLEX VISES TYPE 3

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



NB: Alcuni fattori, come la lubrificazione, lo staffaggio della morsa sulla tavola della macchina, gli attriti ed altro, possono modificare i valori indicati fino a  $\pm 10\%$ . Per un corretto utilizzo non superare i valori indicati nel grafico

Some factor as lubrication, vise clamping on the machine table, frictions and more can modify above values within a  $\pm 10\%$  range. For optimum operation do not exceed chart values.

# DIVISORE AUTOMATICO DPG 250

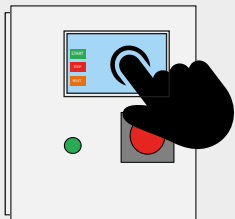
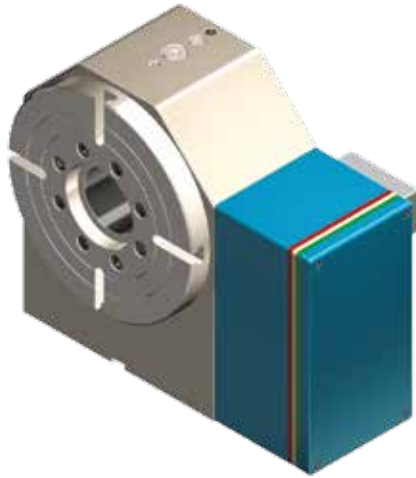
## AUTOMATIC DIVIDING HEAD DPG 250

**NEW!**

**Divisore automatico**  
Automatic dividing head

**Dati tecnici**  
Technical Data

### DPG 250



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

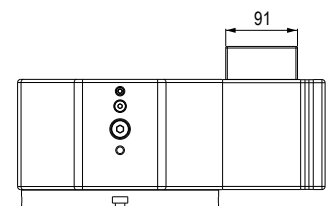
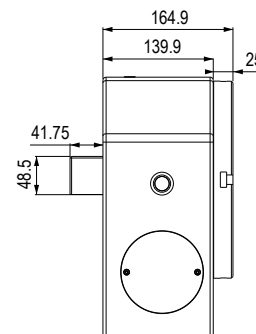
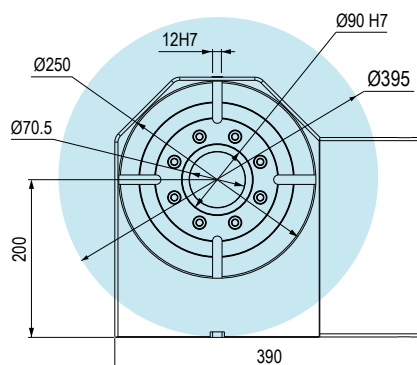
**EASY AND INTUITIVE TOUCH SCREEN**  
PROGRAMMING OR THROUGH DIRECT CONNECTION TO THE CNC

- 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

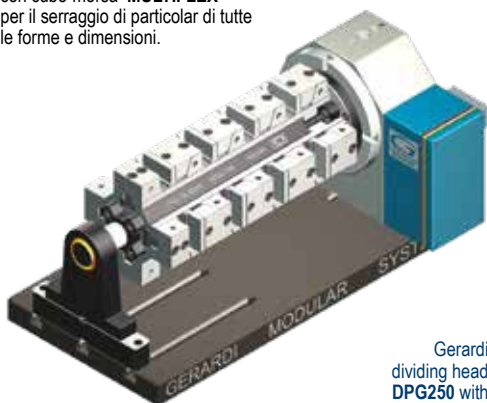
|   |                             |                         |
|---|-----------------------------|-------------------------|
| Diametro del divisore<br>Dividing head diameter   |                             | 250 mm                  |
| Diametro del foro passante<br>Clearance hole diameter   |                             | 70,5 mm                 |
| Altezza punta<br>Center height  |                             | 200 mm                  |
| Dimensione della scanalatura a T<br>T-Slot width  |                             | 12 mm                   |
| Sistema di bloccaggio<br>Clamping system  |                             | Idrraulico<br>Hydraulic |
| Forza frenante<br>Clamping torque   |                             | 3000 Nm                 |
| Motore<br>Servo motor   |                             | 3000 Max.g/min          |
| Minimo incremento<br>Minimum increment  |                             | 0,002                   |
| Velocità di rotazione<br>Rotation speed   |                             | 33,3 Giri/min           |
| Rapporti vite/corona<br>Speed reduction ratio (screw/gear)                                      |                             | 1/90                    |
| Rapporti vite/motore<br>Speed reduction ratio (screw/motor)                                     |                             | 1/180                   |
| Precisione<br>Indexing accuracy   |                             | ±10 Sec.                |
| Ripetibilità<br>Repeatability   |                             | 4 Sec.                  |
| Max. carico di lavoro sul divisore<br>Max. allowable work weight on the dividing head           | Verticale<br>Vertical       | Kg.550                  |
|   | Orizzontale<br>Horizontal   | Kg.1500                 |
| Max. carico di spinta applicabile sul divisore<br>Max. allowable tool load on the dividing head | N 25000                     |                         |
|   | FxL Nm 1000                 |                         |
|   | FxL Nm 2200                 |                         |
| Rapporti vite/corona<br>Speed reduction ratio (screw/gear)                                      | Verticale<br>Vertical       | 10,5 Kg. m <sup>2</sup> |
| Coppia in lavoro<br>Driving torque  | Corona dentata<br>Worm gear | 698 Nm                  |
| Kg  |                             | 110                     |
| Cod.  |                             | 8.DP.G2500              |
| €   |                             | 19.467                  |

### DPG 250



| Tipo (grandezza) morsa / Vise 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.DPG25000 | 6.DPG25010 | 6.DPG25020 | 6.DPG25030 | 6.DPG25040 | 6.DPG25050 | 6.DPG25060 | 6.DPG25070 | 6.DPG25080 |  |
| €   | 29.304     | 29.716     | 30.282     | 30.849     | 31.621     | 31.106     | 31.621     | 32.136     | 32.548     |  |

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



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

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

|                  |      |            |  |
|------------------|------|------------|--|
| <b>Art. 99A</b>  | Cod. | 7.99.A1000 |  |
| Supporto Support | €    | 618        |  |



|  |      |            |            |
|--|------|------------|------------|
| <b>Art. 99B</b>  | Cod. | 6.99.B1000 | 6.99.B2000 |
| Perno di centraggio orizzontale Horizontal centering pin | €    | 433        | 464        |



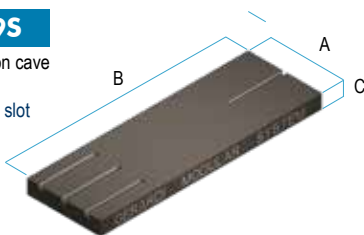
|                    |      |            |  |
|--------------------|------|------------|--|
| <b>Art. 99H</b>    | Cod. | 6.99.H1000 |  |
| Distanziale Spacer | €    | 103        |  |



|   |      |             |             |
|---|------|-------------|-------------|
| <b>Art. 62</b>  | Cod. | 6.62.603A08 | 6.62.603A09 |
| Piastra di interfaccia MULTIFLEX per DPG 250 MULTIFLEX connecting plate for DPG 250 | €    | 515         | 515         |

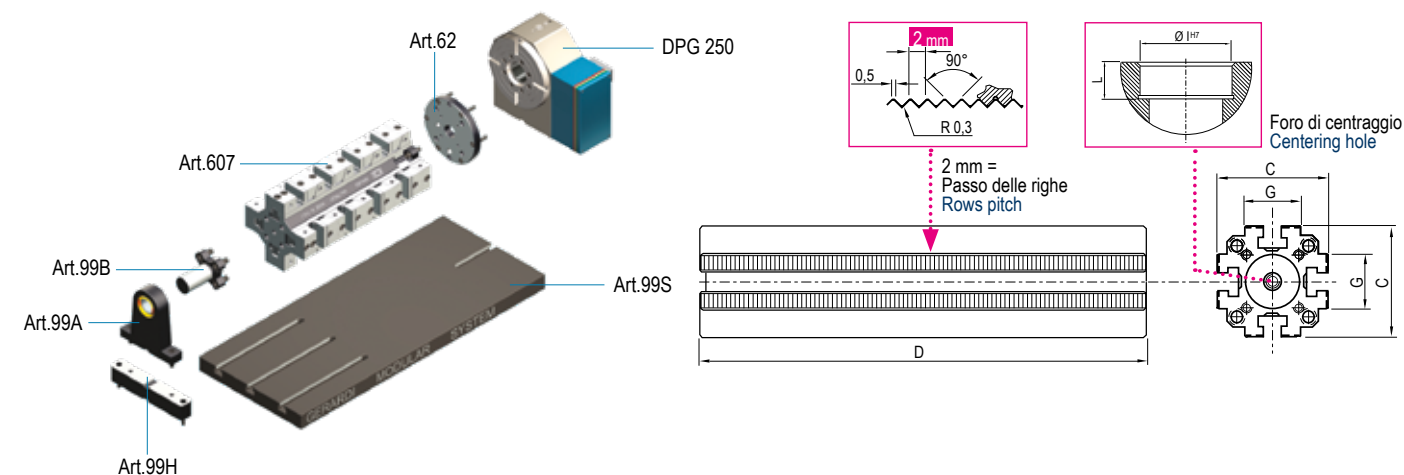


| Art. 99S   | Dimensioni B mm<br>Dimension B mm | A   | C  | Kg  | Cod.       | €     |
|--|-----------------------------------|-----|----|-----|------------|-------|
| Piastra base con cave<br>Piani rettificati<br>Base plate with slot<br>Faces ground | 600                               | 400 | 50 | 94  | 7.99.S060S | 1.803 |
|  | 800                               | 400 | 50 | 125 | 7.99.S080S | 2.009 |
|  | 1000                              | 400 | 50 | 156 | 7.99.S100S | 2.163 |



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




# DIVISORE MECCANICO DIVIGER 205

## MECHANICAL DIVIDING HEAD DIVIGER 205

**NEW!**
**Divisore automatico**  
 Automatic dividing head

**Dati tecnici**  
 Technical Data

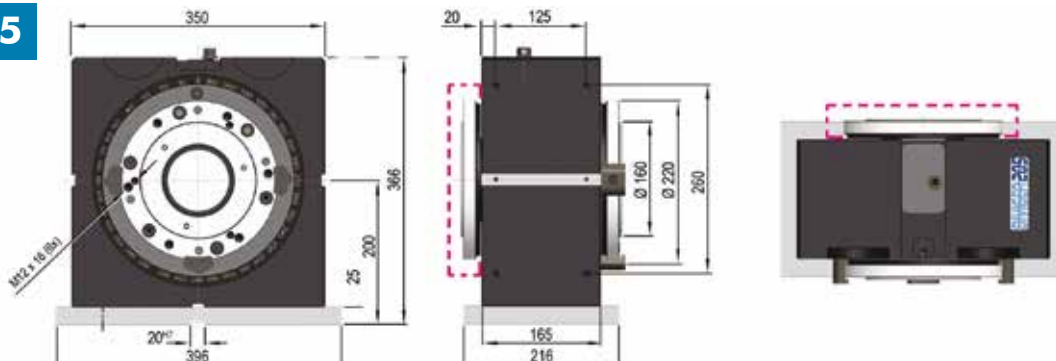
**DIVIGER 205**


|   |   |
|---|---|
| Diametro del divisore<br>Dividing head diameter       | 220 mm  |
| Diametro del foro passante<br>Clearance hole diameter | 85 mm   |
| Altezza centrale<br>Center height                     | 200 mm  |
| Dimensione della scanalatura a T<br>T-Slot width      | -   |
| Sistema di bloccaggio<br>Clamping system              | Meccanico<br>Mechanical   |
| Minimo incremento<br>Minimum increment                | 1°  |
| Precisione<br>Indexing accuracy                       | ±10 Sec.  |
| Coppia in lavoro<br>Driving torque                    |  3000 Nm |
| Kg  | 93  |
| Cod.  | 7.66.73000  |
| €   | <b>11.279</b>   |

 DIVISORE MECCANICO, SENZA CAVI O IDRAULICA,  
 PERMACCHINE A CNC

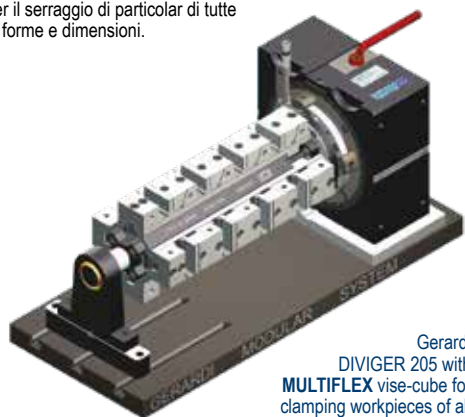
 MECHANICAL DIVIDING HEAD, WITHOUT ELECTRICAL CABLES  
 OR HYDRAULIC, FOR CNC MILLING MACHINE

- 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) morsa / Vise type (size) | 1             |               |               |               |               | 2             |               |               |               |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| C $^{-0}_{-0.02}$                         | 100           |               |               |               |               | 150           |               |               |               |
| D   | 300           | 400           | 500           | 600           | 700           | 400           | 500           | 600           | 700           |
| G $^{-0}_{-0.02}$                         | 50            |               |               |               |               | 75            |               |               |               |
| $\varnothing I^{H7}$                      | 25            |               |               |               |               | 50            |               |               |               |
| L $^{-0}_{-0.02}$                         | 20            |               |               |               |               | 20            |               |               |               |
| Cod.                                      | 6.D1V20500    | 6.D1V20510    | 6.D1V20520    | 6.D1V20530    | 6.D1V20540    | 6.D1V20550    | 6.D1V20560    | 6.D1V20570    | 6.D1V20580    |
| €   | <b>21.115</b> | <b>30.797</b> | <b>22.094</b> | <b>22.660</b> | <b>23.433</b> | <b>22.918</b> | <b>23.433</b> | <b>23.948</b> | <b>24.360</b> |

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



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

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

|                  |      |            |
|------------------|------|------------|
| <b>Art. 99A</b>  | Cod. | 7.99.A1000 |
| Supporto Support | €    | <b>618</b> |



|  |      |            |            |
|--|------|------------|------------|
| <b>Art. 99B</b>  | Cod. | 6.99.B1000 | 6.99.B2000 |
| Perno di centraggio orizzontale Horizontal centering pin | €    | <b>433</b> | <b>464</b> |



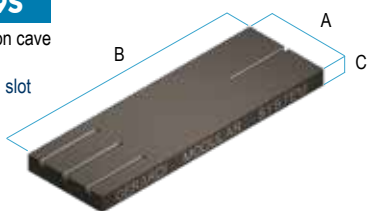
|                    |      |            |
|--------------------|------|------------|
| <b>Art. 99H</b>    | Cod. | 6.99.H1000 |
| Distanziale Spacer | €    | <b>103</b> |



|   |      |             |             |
|---|------|-------------|-------------|
| <b>Art. 62</b>  | Cod. | 6.62.603A08 | 6.62.603A09 |
| Piastra di interfaccia MULTIFLEX per DIVIGER 205 MULTIFLEX connecting plate for DIVIGER 205 | €    | <b>515</b>  | <b>515</b>  |

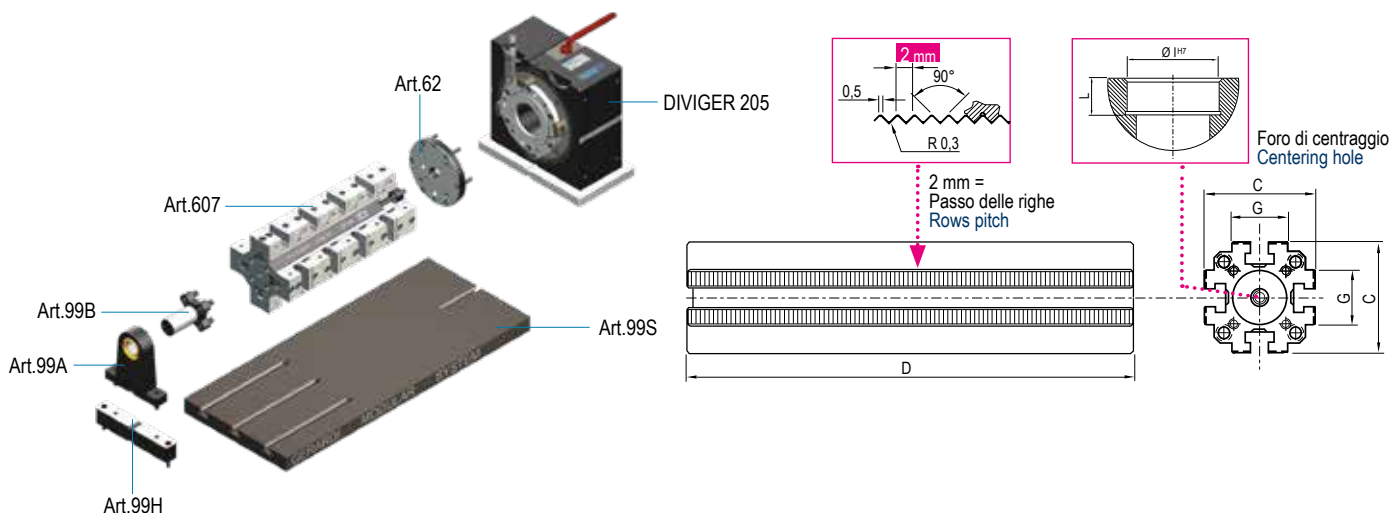


| Art. 99S   | Dimensioni B mm<br>Dimension B mm | A   | C  | Kg  | Cod.       | €            |
|--|-----------------------------------|-----|----|-----|------------|--------------|
| Piastra base con cave<br>Piani rettificati<br>Base plate with slot<br>Faces ground | 600                               | 400 | 50 | 94  | 7.99.S060S | <b>1.803</b> |
|  | 800                               | 400 | 50 | 125 | 7.99.S080S | <b>2.009</b> |
|  | 1000                              | 400 | 50 | 156 | 7.99.S100S | <b>2.163</b> |



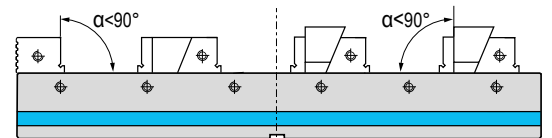
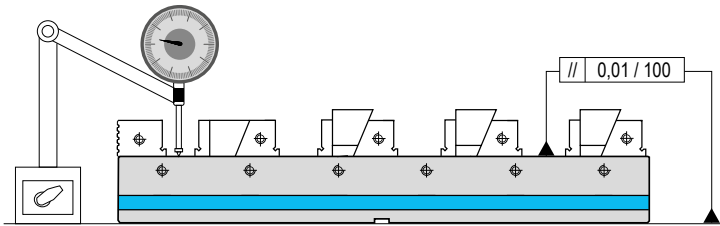
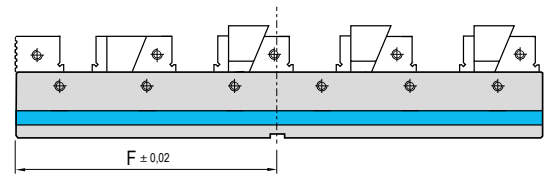
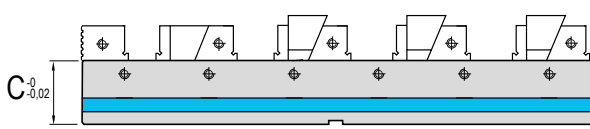
Cave o fori calibrati su richiesta  
Slot or calibrated holes on request

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



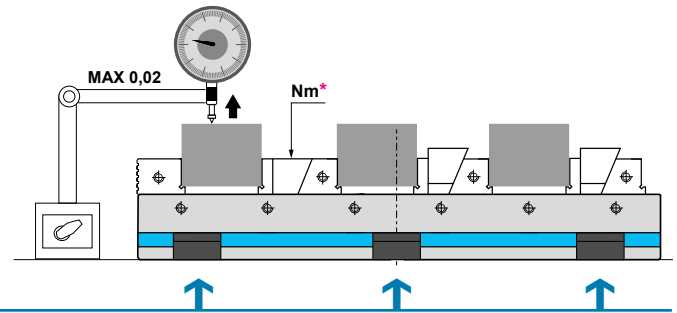
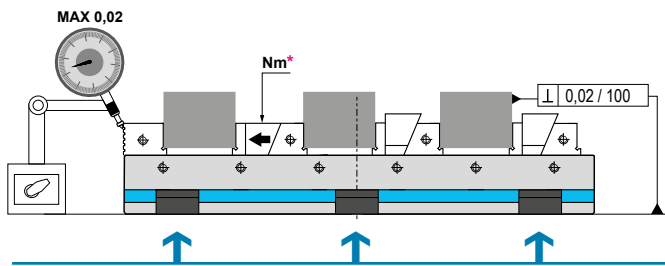
# TOLLERANZE GEOMETRICHE

## GEOMETRIC ACCURACIES



# TOLLERANZE DINAMICHE

## DYNAMIC ACCURACIES

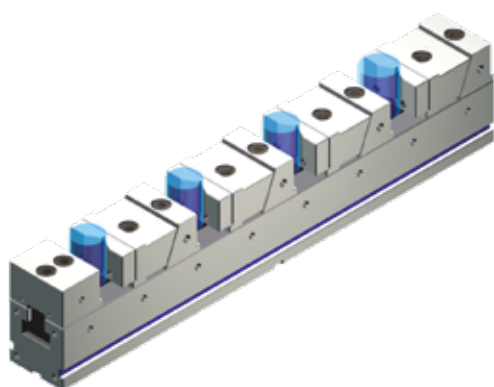


Morsa ancorata con 2 coppie di staffe Art. 296 / Vise clamped with n. 2 pairs of Art. 296

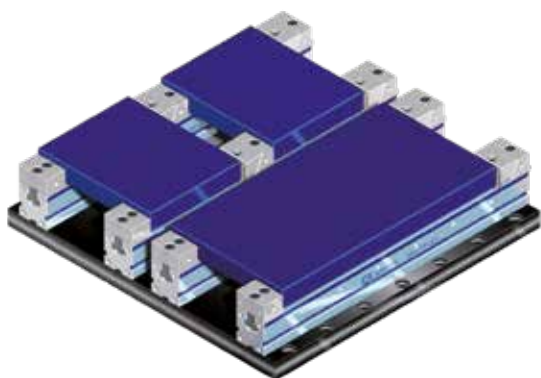
| Art 600 - 606 - 611 |            | * Momento applicato - Torque Nm   |                          |  | Forza di serraggio - Clamping power KN |                          |                          |
|---------------------|------------|---|--------------------------|--|--|--------------------------|--------------------------|
|                     |            | Ganascia fissa e Cuneo di posizionamento<br>Fixed jaw and positioning Wedge |                          | Cuneo di spinta - Clamping movable Jaw | Cuneo di spinta - Clamping movable Jaw |                          |                          |
|                     |            | Morsa - Vise<br>Art. 600  | Morsa - Vise<br>Art. 606 | Morsa - Vise<br>Art. 611               | Morsa - Vise<br>Art. 600               | Morsa - Vise<br>Art. 606 | Morsa - Vise<br>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

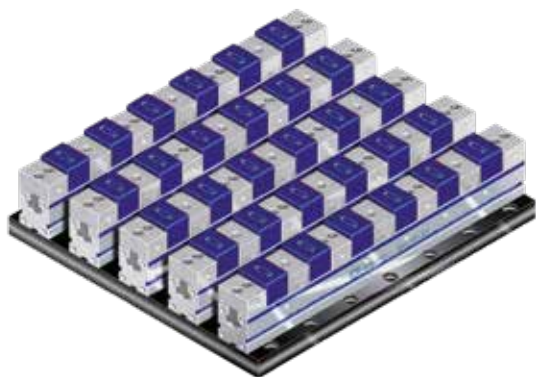
## ESEMPI APPLICATIVI APPLICATIONS EXAMPLES



Morsa **Art. 606** con piastrine prismatiche  
**Art. 610F** per serraggio pezzi tondi  
Vise **Art. 606** with prismatic jaw plates  
**Art 610F** for round workpieces clamping



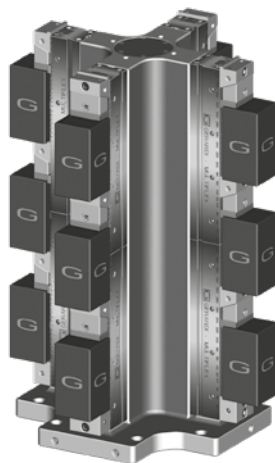
Esempio di applicazione di 4 morse **MULTIFLEX**  
su sovratavola per diversi tipi di serraggio e lavorazione  
4 **MULTIFLEX** vises assembled on head plate  
for different workpieces clamping and machining



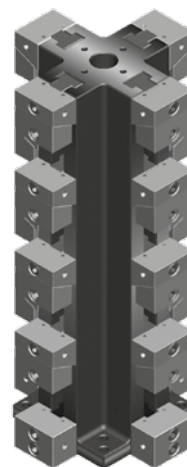
Esempio di applicazione di 5 morse **MULTIFLEX**  
su sovratavola per serraggio di 30 pezzi  
5 **MULTIFLEX** vises on head plate  
for 30 workpieces clamping



Cubo a croce **Art. 57G** con  
vari tipi di morse Gerardi  
Crosscube **Art. 57G** with various  
Gerardi vises assembled on



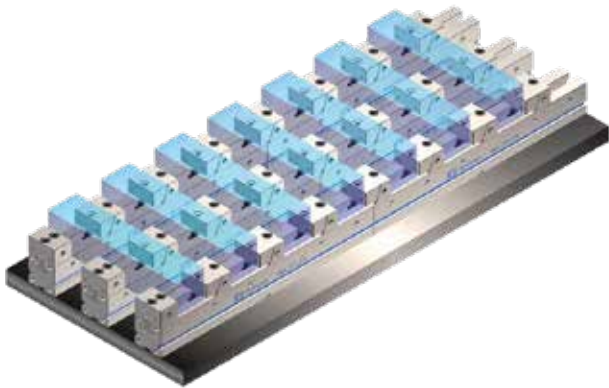
Cubo a croce **Art. 57G** con morse Multiflex  
Crosscube **Art. 57G** with Multiflex vises



Cubo multiflex **Art. 602** con piastra base integrale  
Crosscube **Art. 602** with solid base

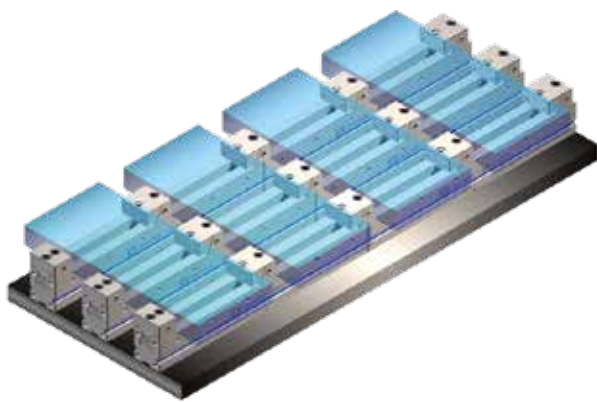
## ESEMPI APPLICATIVI

### APPLICATION EXAMPLES



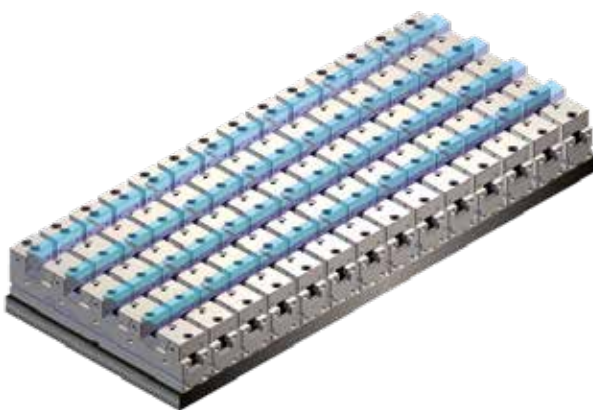
#### IN LINEA - IN LINE

n.6 Morse **MULTIFLEX Art.600** tipo 2x600,  
per il serraggio di 7 pezzi di dimensioni 80x360  
# 6 **MULTIFLEX** vises **Art.600** type 2x600,  
for 7 workpieces clamping 80x360



#### IN LINEA - IN LINE

n.6 Morse **MULTIFLEX Art.600** tipo 2x600,  
per il serraggio di 4 pezzi di dimensioni 250x500  
# 6 **MULTIFLEX** vises **Art.600** type 2x600,  
for 4 workpieces clamping 250x500



#### IN PARALLELO - PARALLEL

n.14 Morse **MULTIFLEX Art.600** tipo 2x500,  
per il serraggio di 28 pezzi di dimensioni 160x40  
# 14 **MULTIFLEX** vises **Art.600** type 2x500,  
for 28 workpieces clamping 160x40



n.14 Morse **MULTIFLEX Art.600** tipo 2x500,  
per il serraggio di 14 pezzi di dimensioni 80x360  
# 14 **MULTIFLEX** vises **Art.600** type 2x500,  
for 14 workpieces clamping 80x360