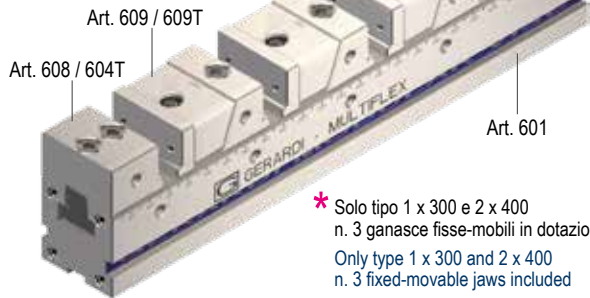


**Tipo (grandezza) morsa / Vise type (size)**
**kN**
**1**
**20 kN**
**Art. 606**

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

**Art. 606T**

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


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

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

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

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

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


Cod. 6.60.91000

\* Arresto laterale a richiesta Workstop on request

**Art. 610B \***

Piastra ganasce lavorabile / Soft jaw plate



Cod. Art. 610B 6.61.0B100

**Art. 610C \***

Piastra ganasce liscia / Smooth jaw plate



Cod. Art. 610C 6.61.0C100

**Art. 610D \***

Piastra ganasce zigrinata / Serrated jaw plate



Cod. Art. 610D 6.61.0D100

**Art. 610E \***

Piastra ganasce parallela / Parallel jaw plate



Cod. Art. 610E 6.61.0E100

**Art. 610F \***

Piastra ganasce prismatica / Prismatic jaw plate



Cod. Art. 610F 6.61.0F100

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

**Art. 609T\***

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


Cod. 6.60.9T100

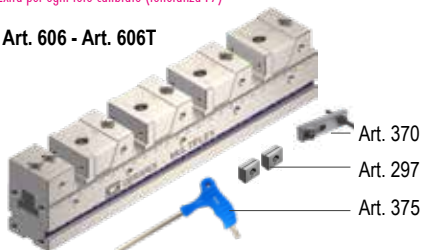
\* Arresto laterale a richiesta Workstop on request

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

Dotazione standard:

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

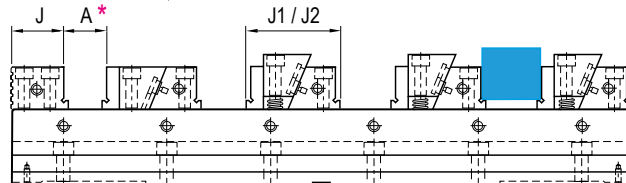
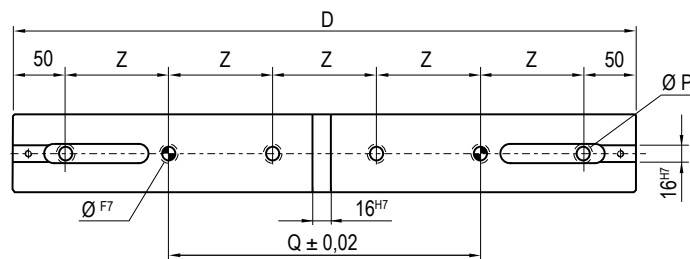
Extra per ogni foro calibrato (tolleranza F7)

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


Standard equipment:

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

Extra charge for each calibrated hole (F7 tolerance)


**Art. 81**

 Vite calibrata  
 Shoulder screw

Tipo - Type 1 Ø10h7 x 20

Tipo - Type2 Ø16h7 x 35

Tipo - Type 3 Ø16h7 x 45

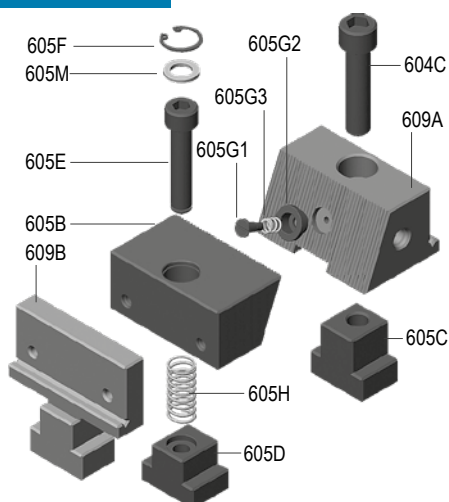
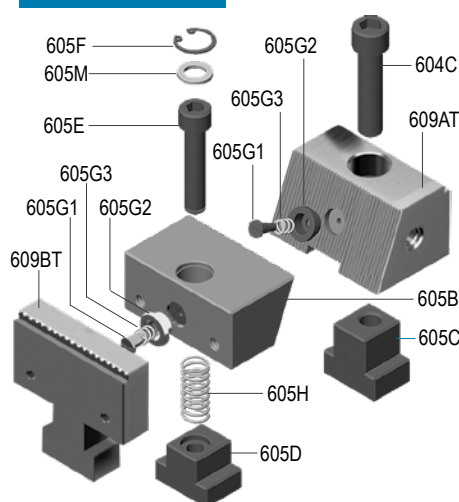
 Ø = Sede viti calibrate  
 Hole for shoulder screw  
 Vedi pag. 6.38 - Vedi page 6.38

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

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

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

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

**Art. 609**

**Art. 609T**


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

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

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

# GUIDA RAPIDA

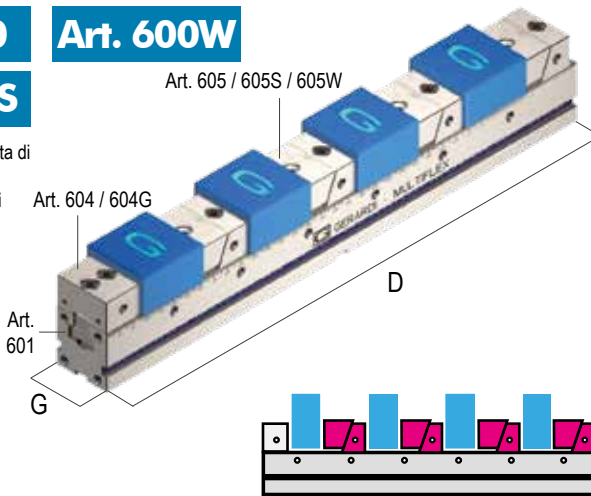
Per la scelta della morsa Multiflex più adatta alle vostre esigenze

Tipo (grandezza) morsa / Vise type (size)

## Art. 600 Art. 600W

### Art. 600S

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

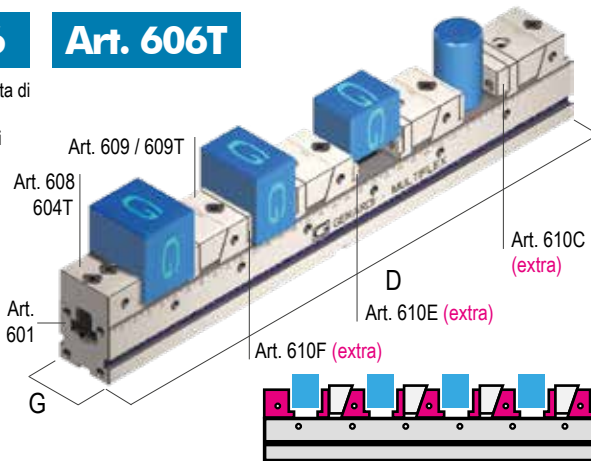
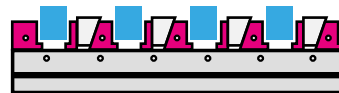
 Each vise is  
 supplied with  
 1 fixed jaw and  
 4 fixed-movable  
 jaws

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

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

| kN                | 1          |            |            |
|-------------------|------------|------------|------------|
|                   | 20 kN      |            |            |
| D                 | 300        | 400        | 500        |
| $G_{-0,02}^0$     | 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

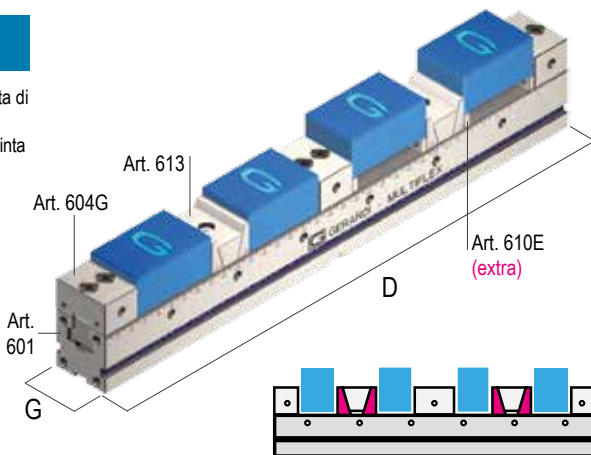
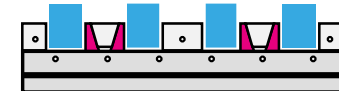
 Each vise is  
 supplied with  
 1 fixed jaw and  
 4 fixed-movable  
 jaws

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

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

| D                 | 300 *         | 400        | 500        |
|-------------------|---------------|------------|------------|
|                   | $G_{-0,02}^0$ |            |            |
| $G_{-0,02}^0$     | 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 per tipo 1 x 300 e 2 x 400 n. 3 ganasce fisse-mobili in dotazione Standaard

## Art. 611

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

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

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

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

| D                 | 300           | 400        | 500        |
|-------------------|---------------|------------|------------|
|                   | $G_{-0,02}^0$ |            |            |
| $G_{-0,02}^0$     | 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 to your specific application

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

| D             | 600        | 700        | 400 *      | 500        | 600        | 700        | 800        | 900        | 700        | 800        | 900        | 1000       |
|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| $G_{-0,02}^0$ | 50         | 50         | 75         | 75         | 75         | 75         | 75         | 75         | 100        | 100        | 100        | 100        |
| 1 pcs.        | 493        | 593        | 262        | 362        | 462        | 562        | 662        | 762        | 512        | 612        | 712        | 812        |
| 2 pcs.        | 213        | 263        | 87         | 137        | 187        | 237        | 287        | 337        | 197        | 247        | 294        | 347        |
| 3 pcs.        | 119        | 152        | 28         | 62         | 95         | 128        | 162        | 195        | 92         | 125        | 158        | 191        |
| 4 pcs.        | 73         | 97         | -          | 24         | 49         | 74         | 99         | 124,5      | 39         | 64         | 89         | 114        |
| 5 pcs.        | 45         | 64         | -          | 2          | 22         | 42         | 62         | 82         | 8          | 28         | 48         | 68         |
| 6 pcs.        | 26         | 42         | -          | -          | 3          | 20         | 37         | 53,5       | -          | 3          | 20         | 37         |
| 7 pcs.        | 13         | 26         | -          | -          | -          | 4          | 19         | 33         | -          | -          | -          | 14         |
| 8 pcs.        | -          | 14         | -          | -          | -          | -          | 5          | 18         | -          | -          | -          | -          |
| 9 pcs.        | -          | 5          | -          | -          | -          | -          | -          | 6          | -          | -          | -          | -          |
| 10 pcs.       | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 11 pcs.       | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 12 pcs.       | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| Cod. Art.     | 6.60.61600 | 6.60.61700 | 6.60.62400 | 6.60.62500 | 6.60.62600 | 6.60.62700 | 6.60.62800 | 6.60.62900 | 6.60.63700 | 6.60.63800 | 6.60.63900 | 6.60.63100 |
| Cod. Art.     | 6.60.6T160 | 6.60.6T170 | 6.60.6T240 | 6.60.6T250 | 6.60.6T260 | 6.60.6T270 | 6.60.6T280 | 6.60.6T290 | 6.60.6T370 | 6.60.6T380 | 6.60.6T390 | 6.60.6T310 |

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

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

## Morse e cubi morsa / Vises & vise-towers

# MULTIFLEX SERIES



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



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

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

*For flexible clamping of multiple workpieces of various sizes*

### USURA INESISTENTE / NO WEAR

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

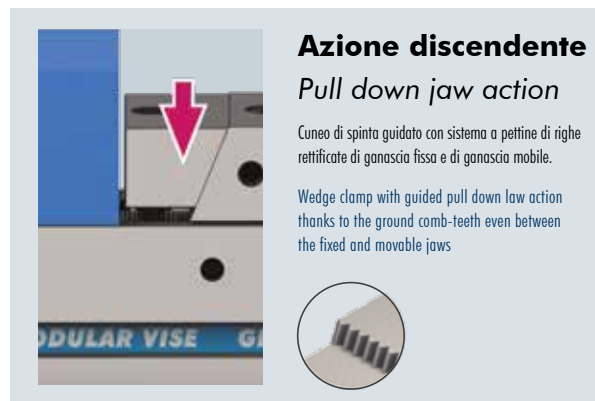
Thanks to the manufacturing with only the most suitable materials and to the structure of the vise components (developed using computer customised softwares and the experience gained during many years spent working on the specific field).

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

### TEMPI DI ATTREZZAGGIO RIDOTTI REDUCED SET-UP TIMES

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

Quick and versatile jaws positioning very close to the workpiece.



#### Azione discendente Pull down jaw action

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

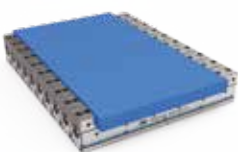
Wedge clamp with guided pull down low action thanks to the ground comb-teeth even between the fixed and movable jaws



### SERRAGGI ILLIMITATI / UNLIMITED CLAMPING

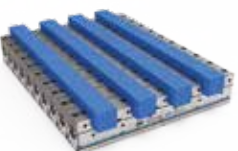
(Ganasce a gradino, zigrinate, lisce, per tondi, dolci, doppie, ecc.) La posizione, il numero o il tipo di ganascia può variare a seconda delle necessità di serraggio (possibilità di bloccare da 1 a 19 pezzi sulla stessa morso) Pag.6.21

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



#### Montaggio in parallelo Parallel mounting

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



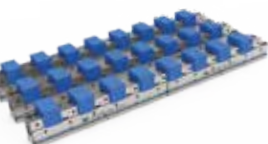
#### Montaggio in parallelo Parallel mounting

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



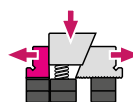
#### Montaggio in Linea In line mounting

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

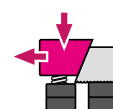


#### Montaggio in Linea In line mounting

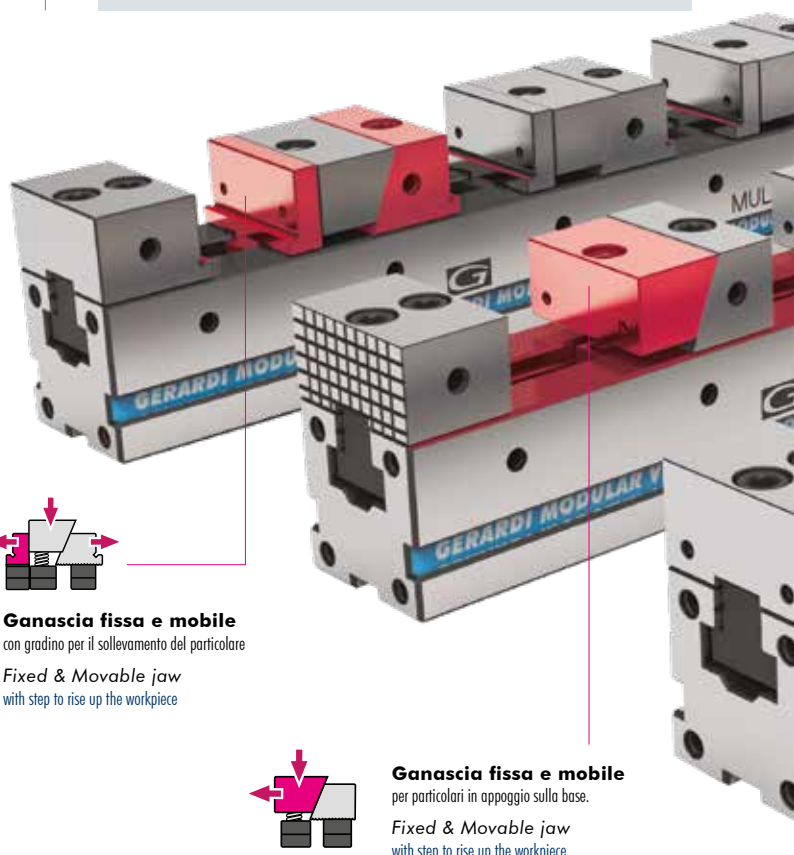
6 morse - Serraggio di 24 particolari  
 6 vises - 24 workpiece clamped



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

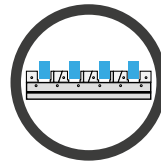


**Ganascia fissa e mobile**  
 per particolari in appoggio sulla base.  
*Fixed & Movable jaw*  
 with step to rise up the workpiece



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

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




SCAN IT TO WATCH THE



VIDEO PRESENTATION



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



**Massima precisione garantita**  
 Highest accuracy guaranteed

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

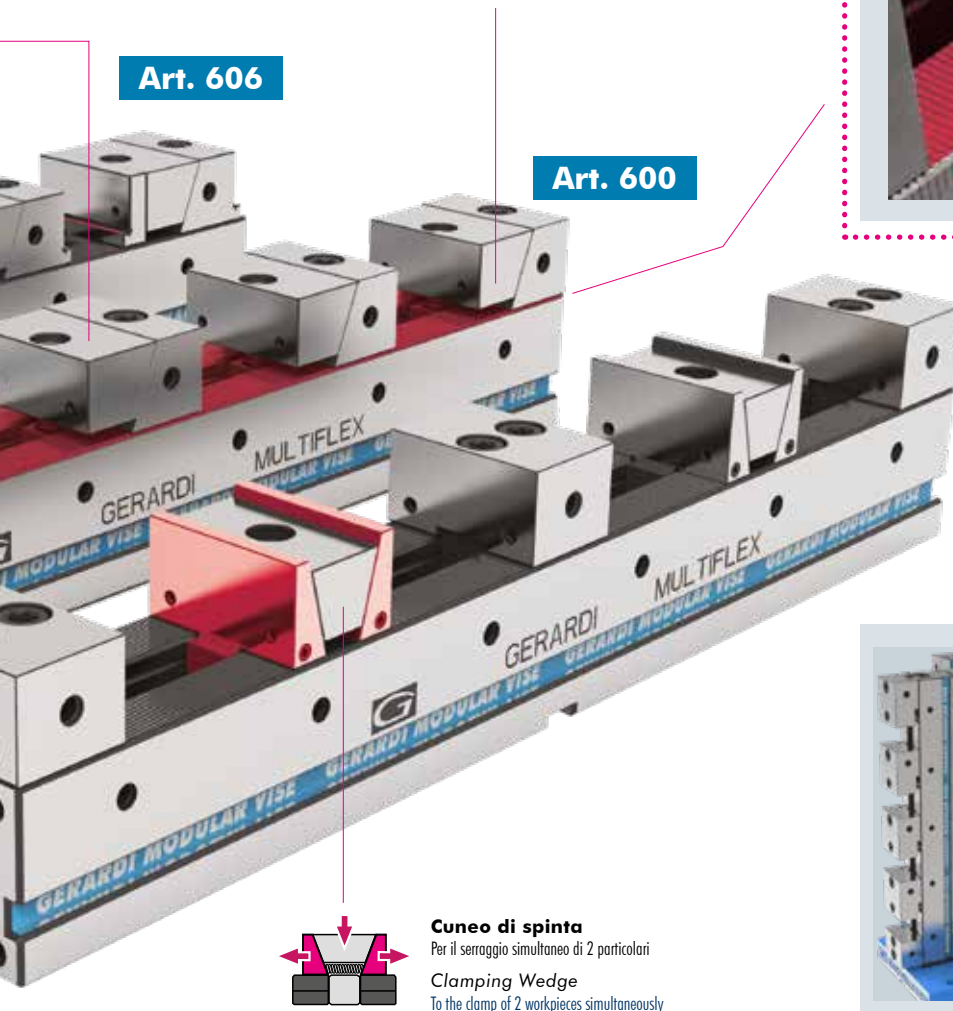
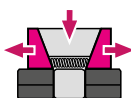
In positioning and alignment ( $\pm 0,02$  mm) thanks to the ground rack teeth on both the base and the fixed jaws.



**Versatilità**  
 Versatility

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

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



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


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



**Montaggio Verticale**  
 Vertical Set-Up

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

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

# Staffe d'ancoraggio / Vise holding clamps

## MULTIFLEX

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

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

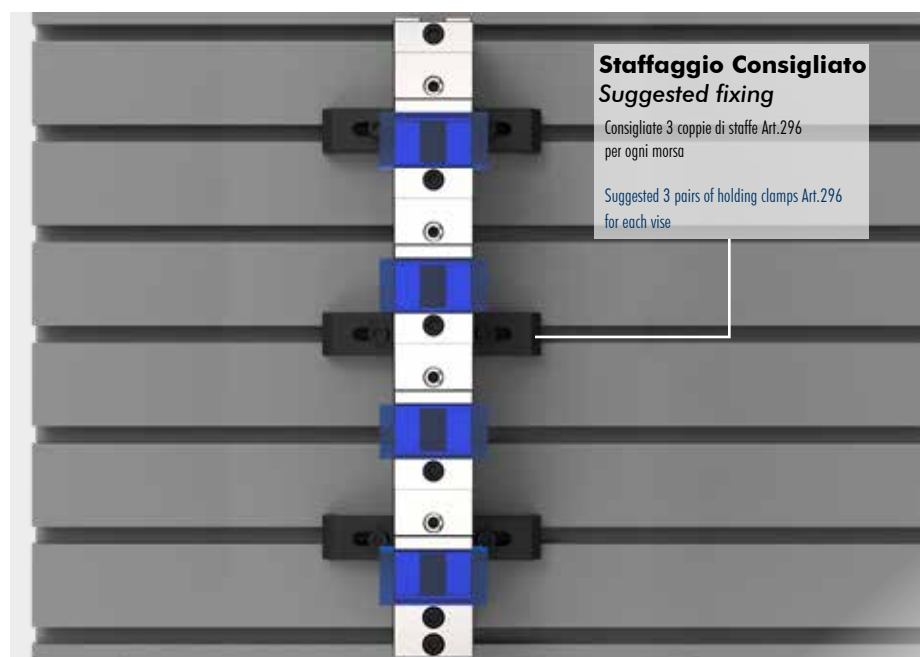


**Esempio d'ordine per morsa tipo 3 su macchina con cave a T da 18mm: Art.296 T.3 X=18mm**

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

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

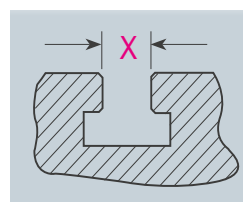
*Also with code: 2.29.6200 X=18mm*



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

Consigliate 3 coppie di staffe Art.296 per ogni morsa

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



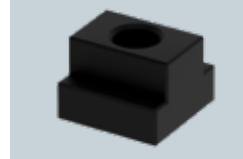
**Cava a T**

**T Slot**

Specificare sempre la cava della vostra macchina

Always specify the machine T-slot dimension

Ref N° Pag.4.34

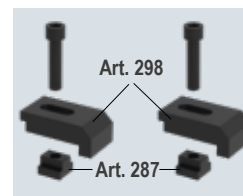


**Art.287**

**Dadi a T - T Nuts**

Per fissaggio morse alle cave a T della macchina

For vise clamping on the machine T-slots



**Art.296**

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

Consigliate 3 coppie di staffe Art.296 per ogni morsa

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

| Tipo (grandezza)<br>Type (size)                       | 1                            |                 |    |    | 1  |                  |    |                  |    |                  |    |                  | 2 - 3 |    |                  |    |    |    |     |    |    |
|---|------------------------------|-----------------|----|----|----|------------------|----|------------------|----|------------------|----|------------------|-------|----|------------------|----|----|----|-----|----|----|
| <b>Art. 296</b>                                       | Cava a T slot X              | 12              | 14 | 16 | 18 | 12*              | 14 | 16               | 16 | 18               | 20 | 18*              | 20    | 22 | 16               | 18 | 20 | 22 | 18* | 20 | 22 |
|   | T-nuts Ref. N°               | 8               | 9  | 10 | 11 | 12               | 13 | 14               | 20 | 21               | 22 | 32               | 33    | 34 | 20               | 21 | 33 | 34 | 32  | 33 | 34 |
| <b>Coppia di staffe</b><br><b>Holding clamps pair</b> | Filetto vite<br>Screw thread | <b>M8</b>       |    |    |    | <b>M10</b>       |    | <b>M12 *</b>     |    | <b>M16</b>       |    | <b>M12</b>       |       |    | <b>M16 *</b>     |    |    |    |     |    |    |
| <b>1 X M8</b><br>                                     | A                            | 50              |    |    |    | 50               |    | 50               |    | 50               |    | 76               |       |    | 76               |    |    |    |     |    |    |
|   | B                            | 24              |    |    |    | 24               |    | 24               |    | 24               |    | 30               |       |    | 30               |    |    |    |     |    |    |
|   | C                            | 6               |    |    |    | 6                |    | 6                |    | 6                |    | 6                |       |    | 6                |    |    |    |     |    |    |
|   | Ø D                          | 8,5             |    |    |    | 11               |    | 13               |    | 17               |    | 13               |       |    | 17               |    |    |    |     |    |    |
|   | E                            | 10              |    |    |    | 10               |    | 10               |    | 10               |    | 13               |       |    | 13               |    |    |    |     |    |    |
|   | Ø F                          | 14              |    |    |    | -                |    | -                |    | -                |    | -                |       |    | -                |    |    |    |     |    |    |
|   | G / G1                       | 14              |    |    |    | 16/15            |    | 17,5/13          |    | 19/9             |    | 17/22            |       |    | 16/15            |    |    |    |     |    |    |
|   | H                            | 34              |    |    |    | 34               |    | 34               |    | 34               |    | 42               |       |    | 42               |    |    |    |     |    |    |
|   | I                            | 8               |    |    |    | 10               |    | 10               |    | 10               |    | -                |       |    | -                |    |    |    |     |    |    |
|   | J                            | 4               |    |    |    | 4                |    | 4                |    | 4                |    | 10               |       |    | 10               |    |    |    |     |    |    |
| T ± 0,1   | 15                           |                 |    |    | 15 |                  | 15 |                  | 15 |                  | 20 |                  |       | 20 |                  |    |    |    |     |    |    |
|   | Cod.                         | 2.29.61000 / M8 |    |    |    | 2.29.61000 / M10 |    | 2.29.61000 / M12 |    | 2.29.61000 / M16 |    | 2.29.63000 / M12 |       |    | 2.29.63000 / M12 |    |    |    |     |    |    |

\* Scelta consigliata - Suggested choice

\* Scelta NON consigliata - NOT Suggested choice

## Soluzioni personalizzate / Customized solutions

# MULTIFLEX

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

*Customized solutions for all your clamping problems*

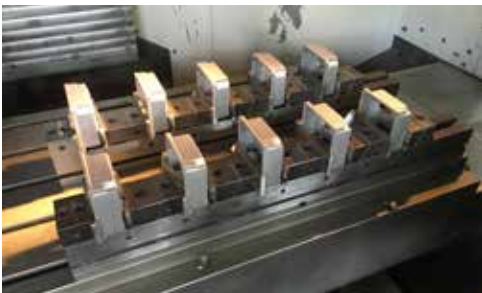


#### **Morse Multiflex montate verticalmente**

*Multiflex vises vertically mounted*

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

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



#### **Morse Multiflex**

*Multiflex vises*

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

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



#### **Cubo Multiflex**

*Multiflex vise tower*

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

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



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

*Multiflex vises on 4th axis*

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

Multiflex vise with interface plate assembled on 4th axis



#### **Morse Multiflex**

*Multiflex vises*

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

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