

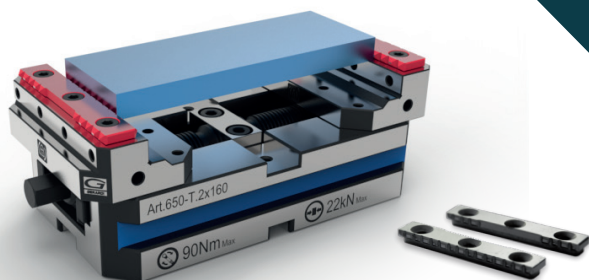
MORSA AUTOCENTRANTE / SELF-CENTERING VISE

**IDEALE PER CENTRI A 5 ASSI**  
**IDEAL FOR 5 AXIS MACHINING CENTRES**



SCOPRI DI PIÙ - FIND OUT MORE

**COMPATTE, RIGIDE E PRECISE**  
**COMPACT, RIGID & ACCURATE**



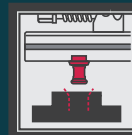
**Art.650**

Azionamento manuale - Serraggio meccanico  
 Manual Control - Mechanical Clamping

**TOP JAW INSERTS**

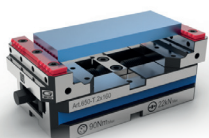
**5 AXIS MACHINE**

**ZERO POINT READY**

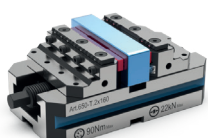


La novità assoluta per centri a 5 assi e sistemi multipli sono le morse autocentranti Compact Grip. Il loro nome accosta le principali peculiarità della morsa date dall'estrema compattezza e maneggevolezza al nome del sistema di inserti che adotta, cosiddetto "GRIP". Questo sistema consiste in una gamma di inserti ganascia modulari montati sopra al corpo ganascia principale con la funzione di serrare il particolare da lavorare tramite dei denti affilati o conformati a seconda del tipo di materiale e di durezza.

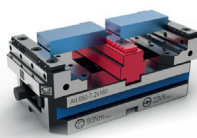
The absolute news for 5 axis machine centres and new multiclamping system are the self-centering Compact Grip vises. Their name identifies the main vise features which are the extreme compactness and easiest handling and the system of inserts which it adopts, so called "GRIP". This system includes a range of jaw inserts assembled on the top of the main jaw with the function of clamping the workpiece through sharp or duly shaped teeth according to the material type and hardness to clamp.



Serraggio con inserti  
 Clamping with top jaw inserts



Ganascie ruotate ed Inserti frontali  
 Rotated Jaws & Frontal Inserts



Ganascia Intermedia  
 Intermediate Jaws



# MORSA AUTOCENTRANTE CON GANASCE REVERSIBILI

Ideale Per Centri A 5 Assi

Tipo (grandezza) morsa / Vise (type) size

**Art. 650**

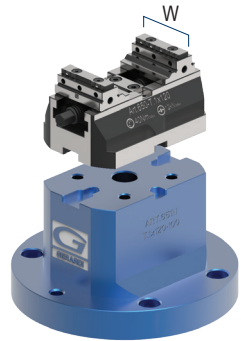
Tipo / Type **1x120**

**Example 1**

**Art. 651H**

Tipo / Type **1**

Rialzo Semplice  
Simple Riser



	1 12 kN		
A	54	94	134
A1		6	
W		50	
B		65	
C		45	
C1		53	
C2		61	
D		80	
E	80	120	160
F		52	
L		12	
L1		M8	
kg	1,8	2,6	3,4
Cod.	7.65.01080	7.65.01120	7.65.01160

**Art. 650**

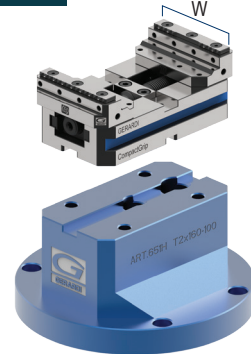
Tipo / Type **2x160**

**Example 1**

**Art. 651H**

Tipo / Type **2**

Rialzo Semplice  
Simple Riser



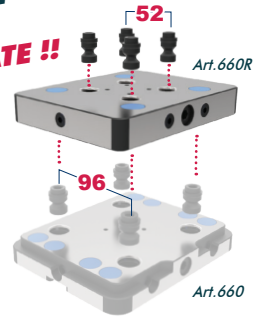
Tipo / Type **1&2** Interasse - Pitch: **52mm**

A	116
B	27
C	100
D	156
D1	116
E	190
kg	3
Cod.	9.66.05200
kg	5
Cod.	9.66.1H100

**NUOVA PIASTRA DI ADATTAMENTO !!**  
**NEW ADAPTING PLATE !!**

Consente di ridurre la distanza tra i tiranti da **96 mm a 52 mm**

It allows to reduce the pull studs distance from **96 mm to 52 mm**



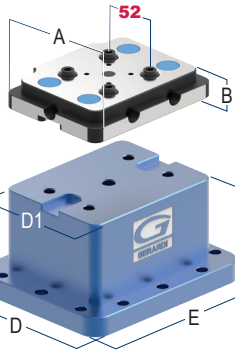
**Art. 660**

Tavola cambio rapido  
Quick change table

**Art. 661H**

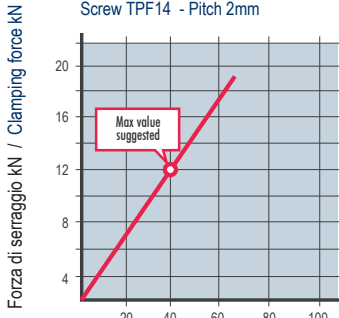
Rialzo in alluminio per tavola cambio rapido  
Simple aluminum riser for quick change table

**Example 2**



**Tipo - Type 1**

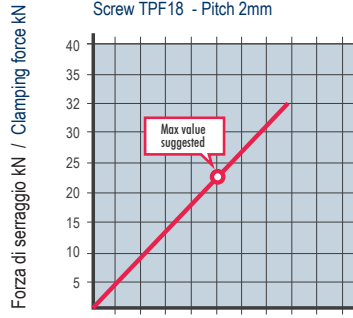
Vite TPF14 - Passo 2mm  
Screw TPF14 - Pitch 2mm



Momento applicato Nm / Torque Nm

**Tipo - Type 2**

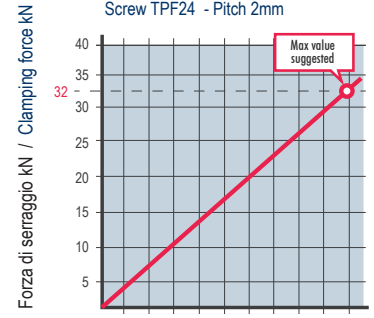
Vite TPF18 - Passo 2mm  
Screw TPF18 - Pitch 2mm



Momento applicato Nm / Torque Nm

**Tipo - Type 3**

Vite TPF24 - Passo 2mm  
Screw TPF24 - Pitch 2mm

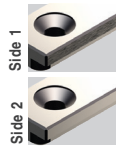


Momento applicato Nm / Torque Nm

## AMPIA GAMMA DI INSERTI REVERSIBILI WIDE RANGE OF DOUBLE SIDE TOP JAW INSERTS

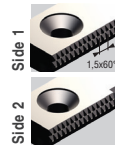
**Art. 650S**

LISCI + RUVIDI - SMOOTH + ROUGH  
Materiali teneri e lavorazioni finali  
Soft material clamping and final machining



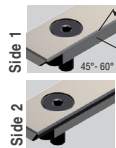
**Art. 650T G01**

GRIP (Passo - Pitch 1,5mm)  
Materiali teneri e lavorazioni finali  
Soft material clamping and final machining



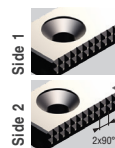
**Art. 650R**

CODA DI RONDINE - DOVE TAIL  
Miglior presa pezzo  
Best workpiece clamping



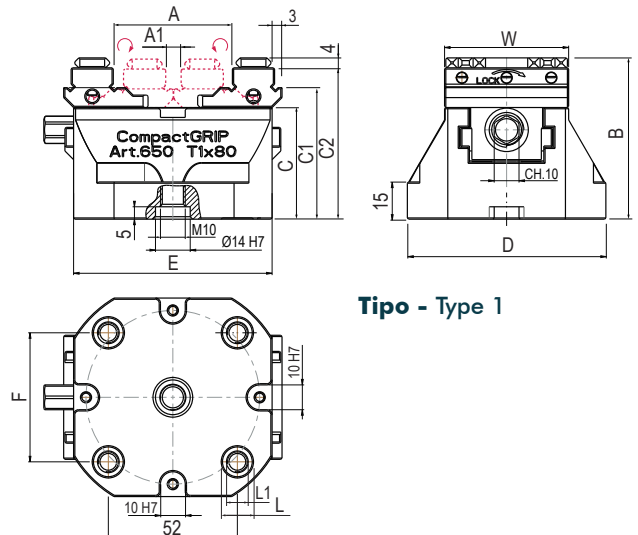
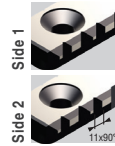
**Art. 650T G02**

GRIP (Passo - Pitch 2mm)  
Miglior presa pezzo  
Best workpiece clamping



**Art. 650T G11**

GRIP (Passo - Pitch 11mm)  
Per materiali di durezza normale  
For standard workpieces hardness clamping



**Tipo - Type 1**

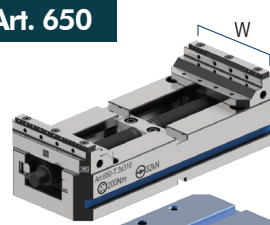


# SELF-CENTERING VISE WITH REVERSIBLE JAWS

Ideal For 5 Axis Machining Centres

kN	2			
	22 kN			
A	96	136	176	216
A1		10		
W		88		
B		65		
C		38		
C1		51		
C2		61		
D		90		
E	120	160	200	240
F		52		
L		12		
L1		M8		
kg	3,6	4,4	5,2	5,8
Cod.	7.65.02120	7.65.02160	7.65.02200	7.65.02240

**Art. 650**



**Art. 651H**

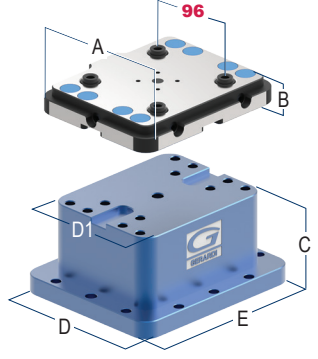
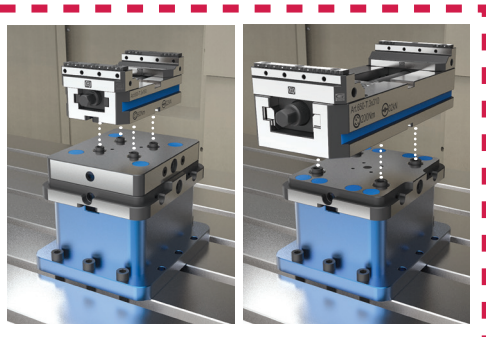
Tipo / Type **3**

Rialzo Semplice  
Simple Riser

Tipo / Type **3x310**

**Example 1**

133	183	233	283	333
		10		
		123		
		89		
		57		
		75		
		85		
		125		
160	210	260	310	360
		96		
		16		
		M10		
9,1	10,9	12,8	14,8	17
7.65.03160	7.65.03210	7.65.03260	7.65.03310	7.65.03360



**Art. 660**  
Tavola cambio rapido  
Quick change table

**Art. 661H**  
Rialzo in alluminio per  
tavola cambio rapido  
Simple aluminum riser  
for quick change table

**Example 2**

Tipo / Type **3** Interasse - Pitch: **96mm**

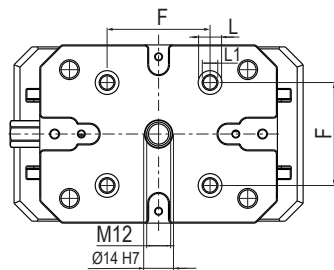
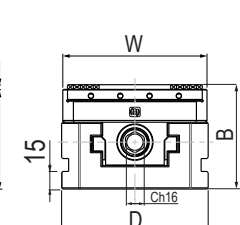
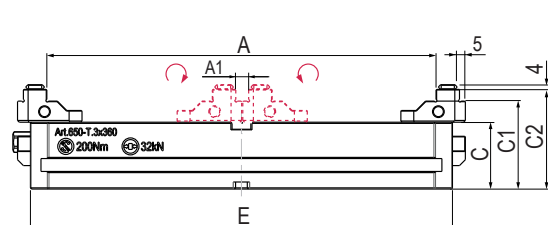
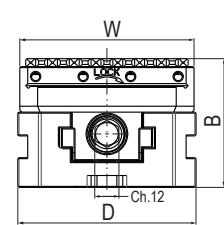
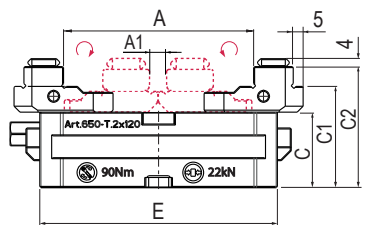
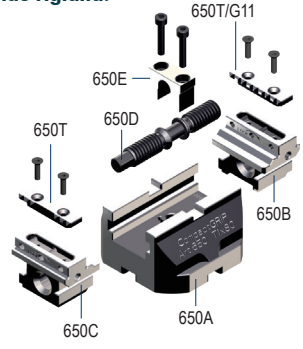
156
27
100
176
136
210
5,2
9.66.09600
6,5
9.66.1H200

Nata espressamente per i centri a 5 assi, la gamma CompactGRIP permette di intervenire sulle 5 facce del particolare in lavorazione con riferimenti precisi in spazi contenuti garantendo usure inesistenti e grande rigidità.

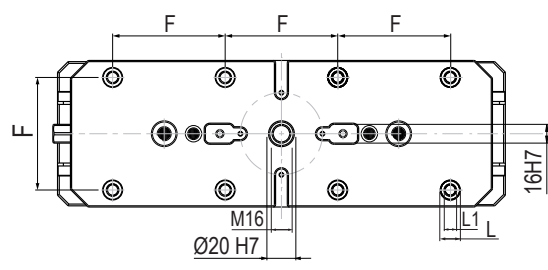
- Usura inesistente HRC 58 ±2
- Rapidità nei serraggi
- Modularità & Versatilità
- Rigidità & Sicurezza grazie alle ganasce integrali
- Design compatto e maneggevolezza
- Tolleranze entro ±0,02 mm
- Ancoraggio diretto o tramite staffe
- Costruzione solida e compatta a massima apertura rispetto agli ingombri
- Autocentranti con serraggi concentrici dall'esterno all'interno e viceversa
- Inserti reversibili completamente dentati da un lato e scaricati al centro dall'altro
- Fori frontali passanti per applicazioni personalizzate (piastrine, puntali)

Designed for 5 axis machines, CompactGRIP series of vises allow machining operations on the 5 workpieces sides with perfect alignment in a space saving design, extremely high wear resistance, with reduced deflection.

- No Wear HRC 58 ±2
- Quick clamping operation
- Modularity & Versatility
- Rigidity & safety thanks to the solid jaws
- Space saving design & handy
- Highest accuracies ± 0,02 mm
- Direct vise set-up or through vise clamps
- Solid and rigid construction and maximum clamping ratio to the total length
- Self-centering vise for clamping parts on outside or inside (by reversing jaw plates)
- Double sided top jaw inserts with full work piece contact on one side and partial on the other
- Front through holes for customized applications (plates, points, etc..)



**Tipo - Type 2**



**Tipo - Type 3**





**NOVITÀ 2021/2022**  
NEW 2021 / 2022

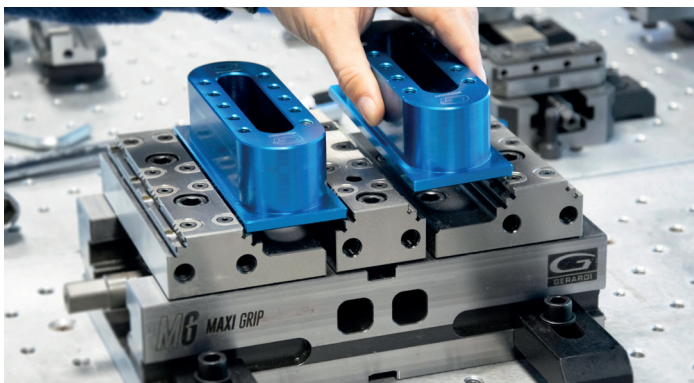
**M**

MORSA MODULARE DI PRECISIONE

**AXIGRIP**  
**WISE**

**3 MORSE in 1 - 3 VISES in 1**

SERRAGGIO SINGOLO DOPPIO E AUTOCENTRANTE  
**SINGLE, DOUBLE & SELF-CENTERING CLAMPING**



**GUARDA IL VIDEO COMPLETO**  
**SULLE MORSE MAXI GRIP**

WATCH THE VIDEO ABOUT  
THE NEW MAXI GRIP VISES



1 Piastra Laterale  
1 Lateral Plate  
**Art.680U**

**3 in 1**

	4x270 39 kN	4x420 39 kN
A	* Min 19 / Max 200	* Min 19 / Max 344
A1	* Min 19 / Max 200	* Min 19 / Max 155
Cod.	7.68.54270	7.68.54420

\* Apertura minima con ganasce ruotate di 180°

	4x270 39 kN	4x420 39 kN
A	* Min 19 / Max 200	* Min 19 / Max 344
A1	-	-
Cod.	7.68.44270	7.68.44420

\* Minimum opening with 180° rotated jaws

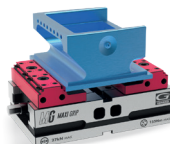
	4x270 39 kN	4x420 39 kN
A	-	-
A1	* Min 19 / Max 83	* Min 19 / Max 155
Cod.	7.68.14270	7.68.14420

\* Apertura minima con ganasce ruotate di 180°

	4x270 39 kN	4x420 39 kN
A	* Min 19 / Max 200	* Min 19 / Max 344
A1	-	-
Cod.	7.68.64270	7.68.64420

\* Minimum opening with 180° rotated jaws

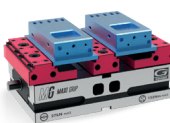
**Art.685**



2 Ganasce Mobili - Movable Jaws  
**Art.682K/G01**  
1 Ganasca Fissa - Fixed Jaw  
**Art.683K/G01**

**Art.684**

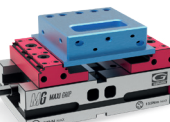
**Serraggio autocentrante**  
**Self-centering clamping**



2 Ganasce Mobili - Movable Jaws  
**Art.682K/G01**  
1 Ganasca Fissa - Fixed Jaw  
**Art.683K/G01**

**Art.681**

**Serraggio Doppio**  
**Double clamping**



2 Ganasce Mobili - Movable Jaws  
**Art.682K/G01**  
1 Piastra Laterale - 1 Lateral plate  
**Art.680U**

**Art.686**

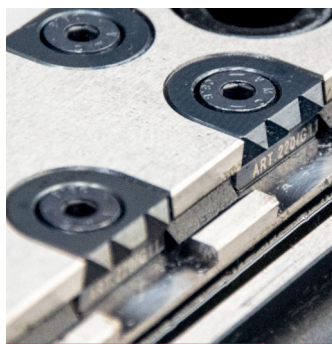
**Serraggio Singolo**  
**Single clamping**



**Compatibilità**  
Compatibility

Massima compatibilità con  
i sistemi di cambio pallet  
già esistenti sul mercato

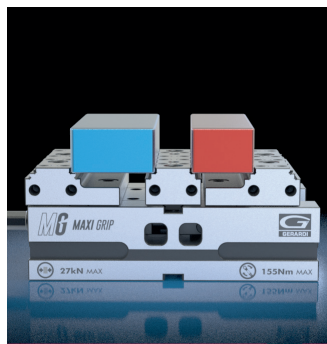
Max compatibility with  
the most popular pallet  
change systems.



**Inserti Grip**  
Grip Inserts

Inserti GRIP intercambiabili  
con diverse tipologie di dentini  
GRIP adatti al serraggio di dif-  
ferenti materiali.

Interchangeable GRIP inserts  
with different types of GRIP te-  
eth suitable for clamping dif-  
ferent materials.



**Serraggio Doppio**  
Double Clamping

Le morse Maxi Grip possono  
serrare contemporaneamente  
2 pezzi anche di differenti di-  
mensioni tra loro.

The Maxi Grip vises can clamp  
2 workpieces at the same time  
with different sizes.



**5 Anni di Garanzia**  
5 Years Warranty

Sicuri dell'affidabilità e dell'ele-  
vata qualità riconosciamo 5 anni  
di garanzia sull'intera gamma.

Sure of the reliability and high  
quality of all MaxiGrip vises, we  
recognize 5 years warranty on  
the whole range.