

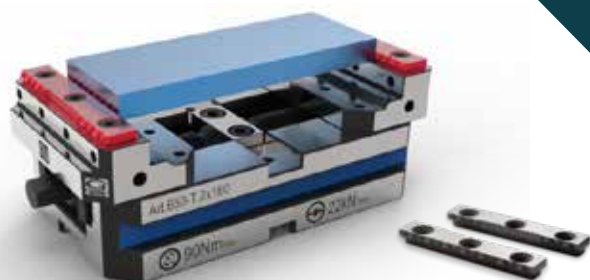
SELBSTZENTRIERENDER SCHRAUBSTOCK / SELF-CENTERING VISE

**IDEAL FÜR
5-ACHSEN-ZENTREN**

**IDEAL FOR 5 AXIS
MACHINING
CENTRES**

FINDE MEHR HERAUS - FIND OUT MORE

**KOMPAKT, STARR & PRÄZISE
COMPACT, RIGID & ACCURATE**



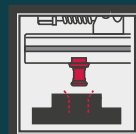
Art.650

Handgesteuerter Antrieb - mechanische Spannung
Manual Control - Mechanical Clamping

GRIP-EINSÄTZE
**TOP JAW
INSERTS**

5-ACHSEN MASCHINEN
**5 AXIS
MACHINE**

ZERO POINT FERTIG
**ZERO POINT
READY**

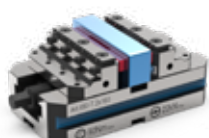


Die absolute Neuigkeit für 5-Achsen Maschinen und neue Mehrspannung Systeme sind Compact Grip Schraubstöcke. Ihre Name identifiziert die Hauptmerkmale, die die extreme Kompaktheit, die Handlichkeit und die GRIP-Einsätze sind. Dieses System besteht aus einer Reihe von Einsätzen, die auf der Hauptspannbacke sind. Sie klemmen das Werkstück durch spitze Zähne nach dem Material und der Härte.

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



Ganasce ruotate ed Inserti frontali
Rotated Jaws & Frontal Inserts



Ganasce Intermedia
Intermediate Jaws

SCHRAUBSTOCK MIT WECHSELBAREN SPANNBACKEN

Ideal für 5-Achsen-Zentren

Schraubstockgröße / Vise (type) size

Art. 650



Typ / Type **1x120**

Beispiel 1

Art. 651H

Typ / Type **1**

Einfache Konsole
Simple Riser

kN	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



Typ / Type **2x160**

Beispiel 1

Art. 651H

Typ / Type **2**

Einfache Konsole
Simple Riser

SCHRAUBSTOCK MIT WECHSELBAREN SPANNBACKEN

Ideal für 5-Achsen-Zentren

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



Typ / Type **3x310**

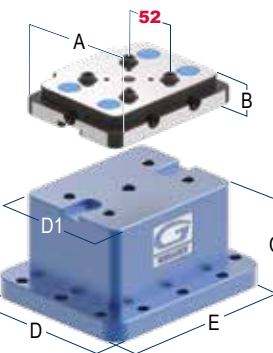
Beispiel 1

Art. 651H

Typ / Type **3**

REinfache Konsole
Simple Riser

kN	3 32 kN				
A	133	183	233	283	333
A1			10		
W			123		
B			89		
C			57		
C1			75		
C2			85		
D			125		
E	160	210	260	310	360
F			96		
L			16		
L1			M10		
kg	9,1	10,9	12,8	14,8	17
Cod.	7.65.03160	7.65.03210	7.65.03260	7.65.03310	7.65.03360



Art. 660

Schnellwechseltisch
Quick change table

Art. 661H

Einfache Konsole aus Aluminium für Schnellwechseltisch
Simple aluminum riser for quick change table

Beispiel 2

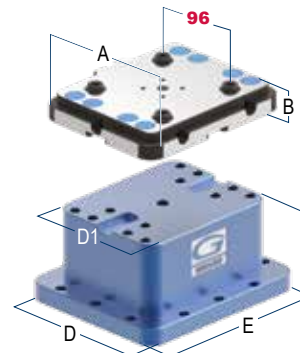
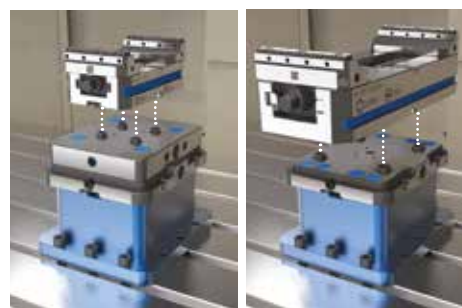
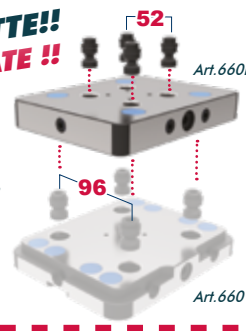
Typ / Type **1&2** Teilung - Pitch: **52mm**

A	116
B	27
C	100
D	156
D1	116
E	190
kg	3
Cod.	9.66.05200
Art. 660	
kg	5
Cod.	9.66.1H100
Art. 661H	

NEUE ANPASSUNGSPLATTE!!
NEW ADAPTING PLATE !!

Das ermöglicht den Abstand der Einzugszapfen von 96mm zu 52mm zu reduzieren

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



Art. 660

Schnellwechseltisch
Quick change table

Art. 661H

Einfache Konsole aus Aluminium für Schnellwechseltisch
Simple aluminum riser for quick change table

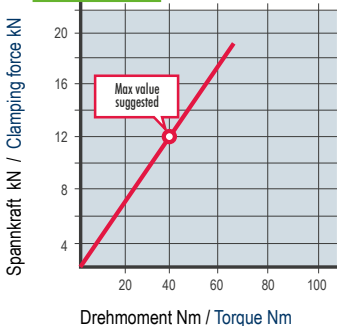
Beispiel 2

Typ / Type **3** Teilung - Pitch: **96mm**

A	156
B	27
C	100
D	176
D1	136
E	210
kg	5,2
Cod.	9.66.09600
Art. 660	
kg	6,5
Cod.	9.66.1H200
Art. 661H	

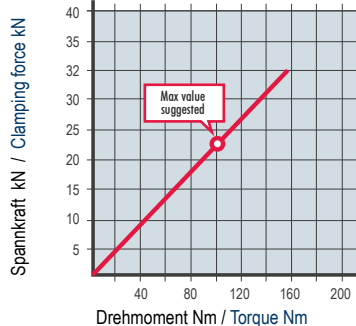
Typ - Type **1**

Vite TPF18 - Teilung 2mm
Screw TPF18 - Pitch 2mm



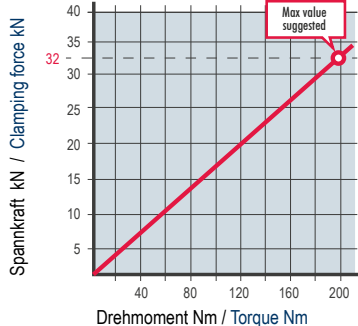
Typ - Type **2**

Vite TPF18 - Teilung 2mm
Screw TPF18 - Pitch 2mm



Typ - Type **3**

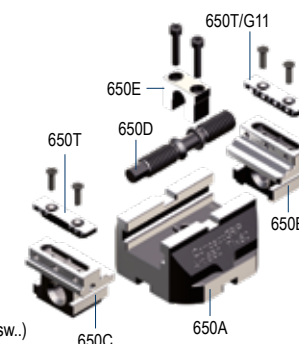
Vite TPF24 - Teilung 2mm
Screw TPF24 - Pitch 2mm



Die CompactGRIP Serie wird für 5-Achsen-Zentren entworfen und ermöglicht die Bearbeitung auf die 5 Seite der Werkstücke mit Präzision, mit hohen Widerstand und keinen Verschleiß.

- Keine verschleiß hrc 58+2
- Schnelle spannung
- Modularität und vielseitigkeit
- Steifheit & sicherheit dank festen spannbacken
- Platzsparendes design und handlichkeit
- Höchste genauigkeit +/-0.02mm
- Direkte spannung oder durch spannpratzen
- Feste und kompakte konstruktion und max. Spannweite
- Selbstzentrierender schraubstock für spannungen von innen oder von außen
- Auswechselbaren einsätze
- Frontaldurchgangslöcher für kundenspezifische anwendungen (platten, spitzen usw..)

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 lenght
- 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..)

AMPIA GAMMA DI INSERTI REVERSIBILI

WIDE RANGE OF DOUBLE SIDE TOP JAW INSERTS

Art. 650S

GLATT + RAUH - SMOOTH + ROUGH
Für weiche Materialien und Endbearbeitungen
Soft material clamping and final machining

Art. 650R

SCHWALBEN- SCHWANZ - DOVE TAIL
Bester Stückgriff
Best workpiece clamping



Art. 650T G01

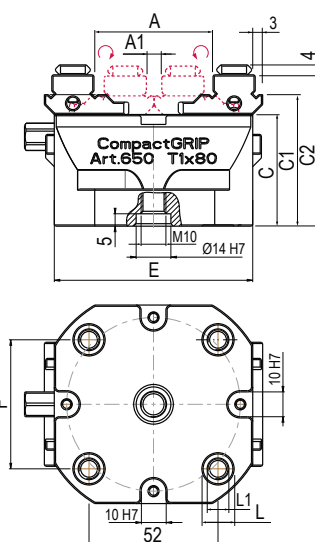
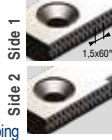
GRIP (Teilung - Pitch 1,5mm)
Für weiche Materialien und Endbearbeitungen
For standard workpieces hardness clamping

Art. 650T G02

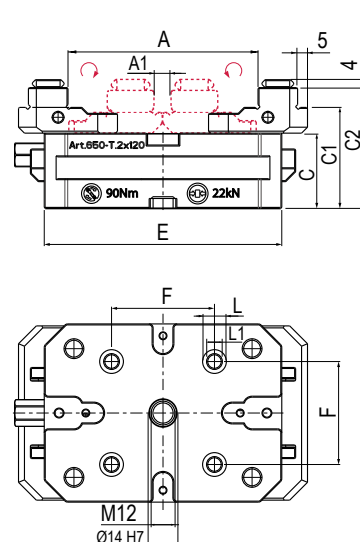
GRIP (Teilung - Pitch 2mm)
Für gehärteter Werkstücke
Best workpiece clamping

Art. 650T G11

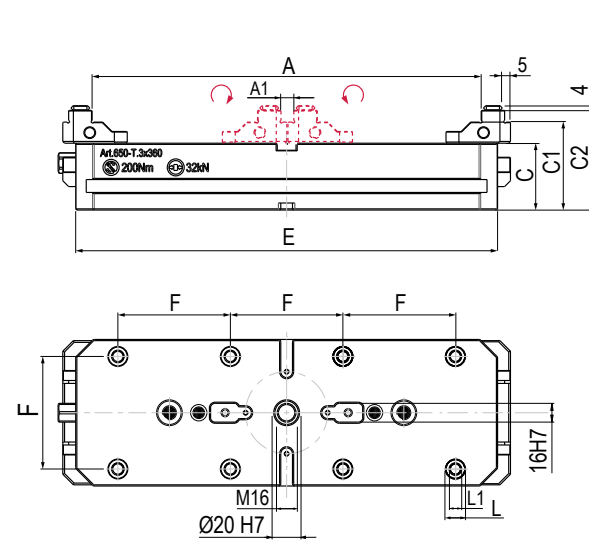
GRIP (teilung - Pitch 11mm)
Für weiche Werkstücke
For standard workpieces hardness clamping



Typ - Type **1**



Typ - Type **2**



Typ - Type **3**

NOVITÀ 2021/2022
NEW 2021 / 2022

M

MORSA MODULARE DI PRECISIONE

AXIGRIP
VISE

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 350
A1	* Min 19 / Max 200	* Min 19 / Max 158
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 350
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 158
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 350
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 Ganasce Fissa - Fixed Jaw

Art.683K/G01

Art.684

Serraggio autocentrante
Self-centering clamping



2 Ganasce Mobili - Movable Jaws

Art.682K/G01

1 Ganasce 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

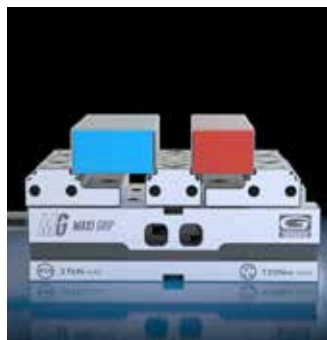
Max compatibility with
the most popular pallet
change systems.



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 diffe-
rent 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.