



7

*For 5th axis
machining centres!*

MULTITASKING

Morse / Vises

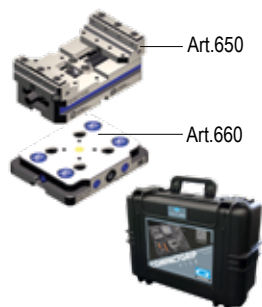
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VALIGETTA DI CAMPIONATURA COMPACT GRIP

SAMPLE KIT CASE COMPACT GRIP

Art. 986



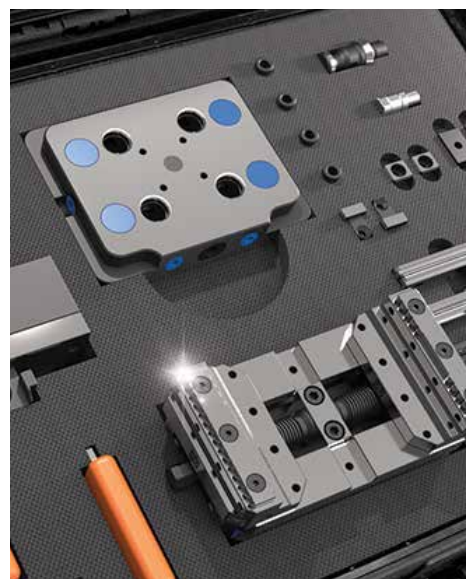
Morsa / Vise Art. 650

Cod. 0.98.60000

PRICE LIST €

SPECIAL PRICE €

Art. 650 - All'Interno - Inside:



SIMBOLOGIA DATI TECNICI

TECHNICAL DATA ICONS

GANASCE JAWS						POSSIBILITÀ POSSIBILITY						
	Morse Multitasking vises	Morse Compact Grip vises	Morse Compact Grip Art. 950 vises	Morse Grip Matic vises	Sistema a coda di rondine Dove Tail fixtures					Montaggio con centralina Mounting with power unit	Lavorazioni a 5 assi 5 axis machining	Predisposizione Zero Point Ready
PIASTRE GANASCE JAW PLATES						PAGINE PAGES						
		Liscio + Ruvido Smooth + Rough	Coda di Rondine Dove Tail	GRIP GRIP	Frontali Frontal		Rialzi Risers	Sistema Pneumatico Pneumatic system	Sistema Idraulico Hydraulic system	Accessori & Ricambi Accessories & Spare Parts	Istruzioni corretto utilizzo Instruction for a proper use	Diagrammi forze di serraggio Clamping force diagrams

OPZIONI LAVORAZIONI EXTRA

OPTIONS FOR EXTRA MACHINING

Nei codici, **FMS** si riferisce agli articoli dei gruppi 5, 6 e 7.
 In codes, **FMS** refers to articles in groups 5, 6 and 7.

Lavorazione extra Extra machining	Cod.	PRICE LIST €	Lavorazione extra Extra machining	Cod.	PRICE LIST €
AGGIUNTA di un foro calibrato ADDITION of a calibrated hole	MAN-010-FMS		MONTAGGIO SEMPLICE SIMPLE ASSEMBLY	MAN-060-FMS	
AGGIUNTA di una chiave calibrata ADDITION of a calibrated key-way	MAN-020-FMS		MONTAGGIO ed ALLINEAMENTO (Standard) (Standard) ASSEMBLY and ALIGNMENT	MAN-070-FMS	
PREDISPOSIZIONE SEMPLICE SIMPLE SET UP	MAN-030-FMS		MONTAGGIO VERTICALE COMPLETE VERTICAL ASSEMBLY	MAN-080-FMS	
PREDISPOSIZIONE & MONTAGGIO COMPLETO COMPLETE SET UP & MOUNTING	MAN-040-FMS		ALLINEAMENTO e CONTROLLO tramite DEA ALIGNMENT and CONTROL by DEA \ CMM	MAN-090-FMS	
MONTAGGIO PARZIALE PARTIAL ASSEMBLY	MAN-050-FMS		TABULATO controllo DEA PRINTOUT DEA control	MAN-100-FMS	

Vedi pagina 7.64 per esempi applicativi - See page 7.64 for application examples

Multitasking & CompactGrip vises

MULTITASKING

Morse autocentranti per applicazioni avanzate su centri a 5 assi

Vises for advanced applications on 5 axis machining centres



Precisione / Accuracy
±0,02mm



Durezza / Hardened
HRC 58±2

SERIE MULTITASKING MULTITASKING SERIES

Ganasce da 74 a 140 mm. Ancoraggio diretto o tramite staffe / Posizionamento tramite fori calibrati o chiavette / Eccentriche: possibilità di disassamento centraggio per multipli di 1 mm (Auto-centraggio fuori asse) / Autocentranti con serraggi concentrici dall'esterno all'interno e viceversa / Minimi ingombri e massima rigidità / Costruzione solida e compatta a massima apertura rispetto agli ingombri / Disponibili serie di ganasce intercambiabili / Ganasce integrali per massima rigidità

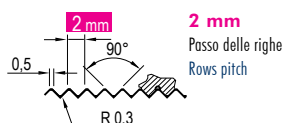
Jaws widths from 75 to 140 mm. Direct vise set-up or through vise clamps / Positioning through ground holes or keyways / Self-centering with possibility to clamping from outside to inside and viceversa / Eccentric jaw adjustment in steps of 1 mm (Multiaxis self-centering) / Minimum deflection and overall dimensions / Solid and rigid construction and maximum clamping ratio to the total length / Series of interchangeable jaws available / Solid jaws (integral with the slides) for highest rigidity



Art. 640

Multitasking

Le tonde - The rounded



Versatilità - Versatility

Possibilità di posizionare, aggiungere o rimuovere le ganasce su qualsiasi posizione della dentatura della base.

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



Autocentranti Self-centering

Veloce sistema di regolazione autocentrante regolabile dall'alto tramite tasselli di azzeramento forniti in dotazione

Easy self-centering adjustment from the top by key-nuts supplied as standard equipment.



Versatilità - Versatility

Inserti riportati utilizzabili da entrambi i lati. Grande versatilità ottenuta Attraverso la possibilità di sostituire gli Inserti GRIP con diversi tipi di dentatura in modo facile e veloce (da utilizzare a seconda del materiale da lavorare).

Inserts to be used on both sides Another advantage will be the greatest versatility thanks to easiest and quickest GRIP top jaw inserts exchange with different types of teeth design to be used according the material to be clamped



Ganasce Reversibili Reversible Jaws

Versatilità grazie alle ganasce **MONOBLOCCO** reversibili e alle 4 opzioni di posizionamento della base (90°) ed ai fori frontali passanti.

Versatility also thanks to the **SOLID GUIDED** reversible jaws and to the 4 base positions option (90°) and to the front through holes.



Maggior forza di serraggio Highest clamping force

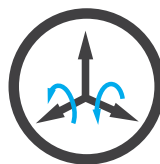
Design più compatto e leggero e maggior forza di serraggio rispetto a tutte le morse oggi sul mercato. Questo grazie alle viti di serraggio, alla loro posizione più prossima al particolare da lavorare e al design integrale di slitte e ganasce.

The most compact and lightweight vise, with greater clamping force than any other on the market. This thanks the innovative design of the clamping screws, which are positioned closer to the workpiece for maximum grip and the integral design of slides and jaws.



Di speciale interesse per gli utilizzatori di centri di lavoro a 5 assi, le morse MULTITASKING / COMPACT GRIP presentano le stesse caratteristiche costruttive illustrate per le morse della serie FMS e MULTIFLEX (accuratamente rettificate in acciaio ad alta resistenza cementato trattato termicamente). Nate espressamente per i centri a 5 assi, questa gamma di morse permette di intervenire sulle 5 facce del particolare in lavorazione con riferimenti precisi in spazi contenuti garantendo usure inesistenti e grande rigidità. Massima compatibilità con i sistemi di cambio pallet già esistenti sul mercato

Of special interest to 5 axis machining centres users MULTITASKING, COMPACTGRIP & GRIPMATIC vises present the same building characteristics of FMS and MULTIFLEX vises, (Heat treatment and ground steel construction throughout). Designed for 5 axis machines, this 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. Max compatibility with the most popular pallet change systems.



SCAN IT TO SEE



THE WEB PAGE



Autocentranti e Compatte

Selfcentering & Compact

Caratteristiche e Vantaggi:

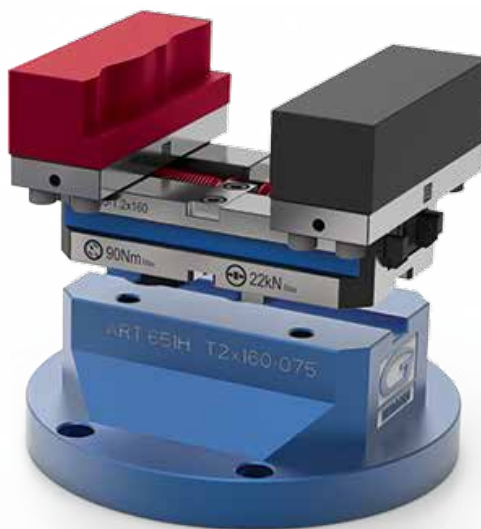
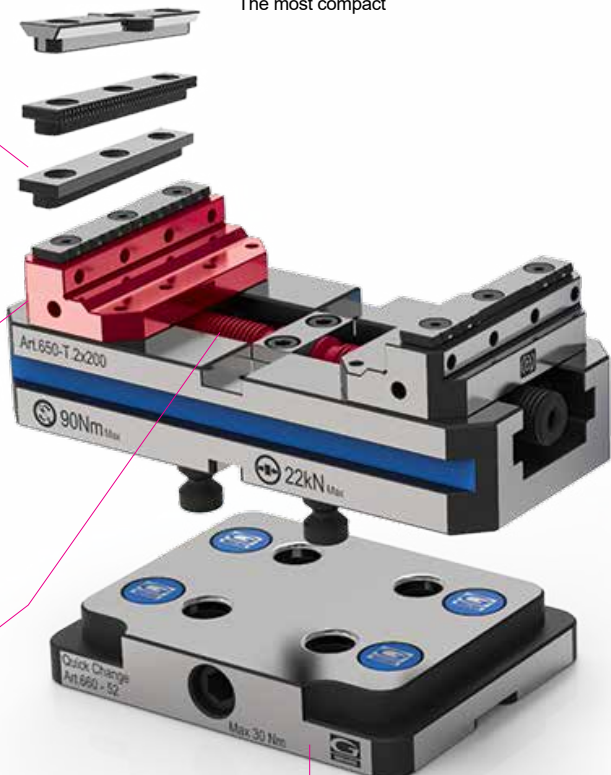
Features and Advantages:

- ✓ USURA INESISTENTE
- ✓ RAPIDITA' DEI SERRAGGI
- ✓ MODULARITA' & VERSATILITA'
- ✓ PRECISIONI $\pm 0,02$ mm
- ✓ RIGIDITA' & SICUREZZA
- ✓ DESIGN COMPATTO E MANEGGEVOLEZZA
- ✓ AUTOCENTRANTI
- ✓ PREDISPOSIZIONE PER ZERO POINT
- ✓ RIALZI COMPATIBILI
- ✓ NO WEAR
- ✓ QUICK CLAMPING
- ✓ MODULARITY & VERSATILITY
- ✓ HIGHEST ACCURACIES $\pm 0,02$ mm
- ✓ RIGIDITY & SAFETY
- ✓ COMPACT DESIGN & HANDLING
- ✓ SELF-CENTERING
- ✓ ZERO POINT READY
- ✓ COMPATIBLE RISERS

Art. 650

CompactGrip

Le più compatte
The most compact



Art. 950

Con ganasce lavorabili
With soft machineable jaws

Art. 651H

Rialzo Semplice
Simple Riser



Piastra a cambio rapido

Quick change plate

La nuova Piastra a Cambio Rapido meccanica Art.660 (disponibile anche tonda Art.661) permette la rapida sostituzione di morse o attrezzature su tutte le più diffuse tavole girevoli, la versione lavorabile può essere personalizzata direttamente dal cliente in base alla sua tavola macchina.

The new mechanical Quick Change Plate Art.660 (available also as round Art.661) allows the quick of vises or fixtures replacing on the most famous rotary table. The machineable version can be tailor made by the customer himself according to his machine table.

Art. 660

Piastra a cambio rapido
Quick Change plate

Staffe di ancoraggio / Vise holding clamps

**NEW
2026**

CompactGrip

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" nut



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

Oppure con codice: 2.29.6100 X=18mm

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

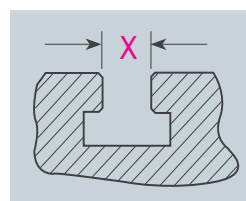
Also with code: 2.29.6100 X=18mm



Staffaggio Consigliato Suggested fixing

Consigliate 2 coppie di staffe Art.296
per ogni morsa

Suggested 2 pairs of holding clamps Art.296
for each vise

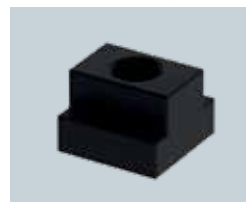


Cava a T

T Slot

Specificare sempre la cava
della vostra macchina

Always specify the
machine T-slot dimension

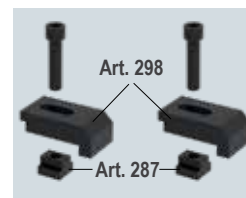


Art.287 (Pag.4.34)

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)

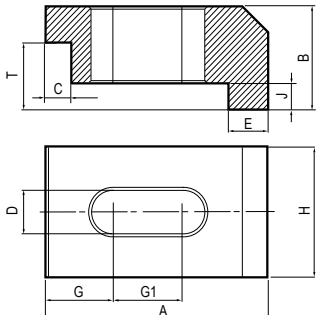
Consigliate 2 coppie di staffe Art.296
per ogni morsa

Suggested 2 pairs of holding clamps
Art.296 for each vise

Art.298/CGR

Per lo staffaggio della morsa in spazi ristretti possibilità di usare staffe Art. 298 / CGR vedi pag. 7.29)
For clamping vise in narrow space it's possible to use the holding clamps Art 298 / CGR see pages 7.29



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

* Scelta consigliata - Suggested choice

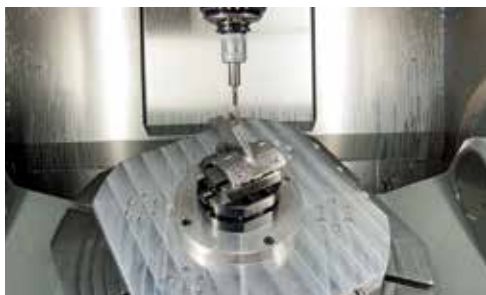
* Scelta NON consigliata - NO Suggested choice

Soluzioni personalizzate / Customized solutions

4th & 5th Axis

Soluzioni personalizzate a tutti i vostri problemi di serraggio

Customized solutions for all your clamping problems

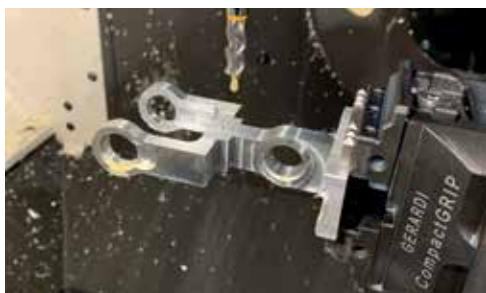


Morsa Multitasking su centro a 5 assi

Multitasking vise on 5th axis machining center

Applicazione aeronautica, morsa Art.640 tipo 2 montata su macchina a 5 assi

Typical Multitasking vise Art.640 type 2 application on a 5 axis machine for aerospace workpiece

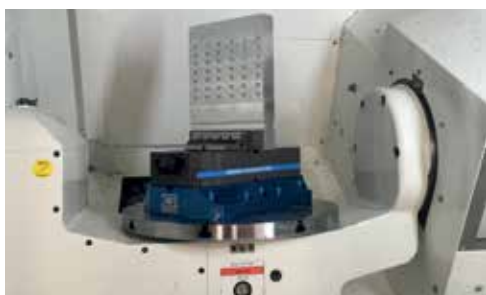


Morsa CompactGrip su centro a 5 assi

CompactGrip vise on 5th axis machining center

Lavorazioni di fresatura effettuate su di un centro di lavoro a cinque assi con morsa CompactGrip Art.650

Milling machining operations on a five axis machining center with CompactGrip vises Art.650



Morsa CompactGrip su rialzo semplice

Compact Grip vise on simple riser

Morsa CompactGrip montata su Kitamura Mytrunnion 4G per la lavorazione di uno stampo nel settore plastica.

Compact Grip vise on Kitamura Mytrunnion-4G for machining a die mould used in the plastic industry



Morse CompactGrip su piastra Zero Point

CompactGrip vises on Zero Point plate

Piastra base con 6 Zero Point singoli per morsa CompactGrip Art.650 T2 per lavorazioni di piccoli particolari

Zero Point plate with 6 single Zero Point units for CompactGrip vises Art.650 T2 for small workpieces machining.



Un sistema completamente automatico

Fully automatic system

Morsa automatica GripMatic Art.670PN montata tramite robot su tavola Zero Point.

GripMatic automatic vises Art.670PN mounted by robot on Zero Point Plate

Tipo (grandezza) morsa / Vise type (size)
Art. 640

 Tipo / Type **1 e 2**

 Morsa autocentrante o eccentrica.
 Azionamento manuale. Serraggio meccanico.
 Self-centering or eccentric vise.
 Manual operation. Mechanical clamping.

Art. 640T

 Tipo / Type **1 e 2**

 Morsa autocentrante o eccentrica
 con ganasce grip Art. 645T.
 Azionamento manuale. Serraggio meccanico.
 Self-centering or eccentric vise
 with grip jaws Art. 645T.
 Manual operation. Mechanical clamping.


kN	1 16 kN	2 20 kN
A	65	95
A1	20	40
W	74	99
B	15	20
C	50	70
D	Ø120	Ø160
E	35	35
F	92	120
G	20	25
H	156	208
L	M12	M16
M	9	11
kg	4,9	11
Cod.	6.64.01000 6.64.0T100	6.64.02000 6.64.0T200

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 641H

 Tipo / Type **1**

 Rialzo Semplice
 Simple Riser


B	50	75	100
Cod.	7.64.1H100AL /50	7.64.1H100AL /75	7.64.1H100AL /100

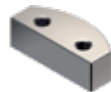
 Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**
Art. 641H

 Tipo / Type **2**

 Rialzo Semplice
 Simple Riser

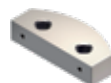

B	50	75	100
Cod.	7.64.1H200AL /50	7.64.1H200AL /75	7.64.1H200AL /100

 Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**
Art. 645B

 Ganasce dolce
 Soft jaw


Cod.	6.64.5B100	6.64.5B200
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Art. 645C

 Ganasce liscia
 Smooth jaw


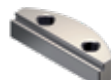
Cod.	6.64.5C100	6.64.5C200
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Art. 645D

 Ganasce zigrinata
 Serrated jaw


Cod.	6.64.5D100	6.64.5D200
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Art. 645E

 Ganasce a gradino
 Step jaw


Cod.	6.64.5E100	6.64.5E200
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In Dotazione - Standard Equipment

Art. 645F

 Ganasce prismatica
 Prismatic jaw


Cod.	6.64.5F100	6.64.5F200
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Art. 645T

 Ganasce **GRIP**
GRIP jaw


Cod.	6.64.5T100	6.64.5T200
------	------------	------------

Dotazione standard:

- 1 chiave a pipa Art. 375 ■ 1 arresto laterale Art. 370
- 1 coppia di tasselli di posizionamento Art. 297 cava a T 16 mm



Art. 640 / Art. 640T

Art. 645E / Art. 645T

Art. 370

Art. 297

Art. 375

Standard equipment:

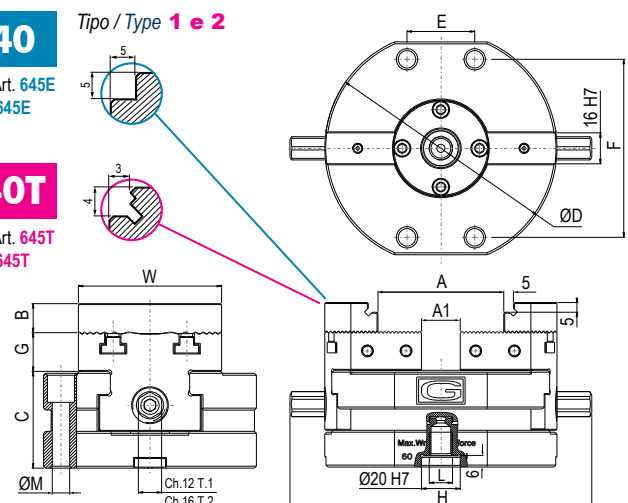
- 1 box wrench Art. 375 ■ 1 workstop Art. 370
- 1 pair of positioning key-nuts Art. 297 T slot 16 mm

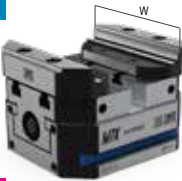
Art. 640

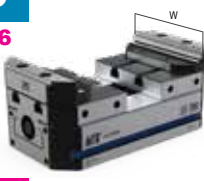
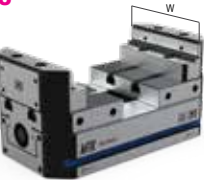
 Con ganasce grip Art. 645E
 With grip jaws Art. 645E

Art. 640T

 Con ganasce grip Art. 645T
 With grip jaws Art. 645T

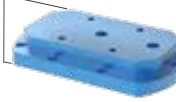
 Tipo / Type **1 e 2**


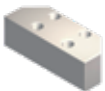
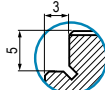
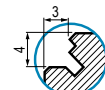
Tipo (grandezza) morsa Vise type (size)		3 30 kN	
Art. 640			
Tipo / Type 3 x 166			
	A	108	
	A1	20	
	W	138	132
	B	30	50
	C	58	
	D	166	
	E	-	
	kg	13	
	Cod.	7.64.03166	7.64.0T3166

Tipo (grandezza) morsa Vise type (size)		3 30 kN	
Art. 640			
Tipo / Type 3 x 266			
	A	208	
	A1	60	
	W	138	132
	B	30	50
	C	58	
	D	266	
	E	200	
	kg	20	
	Cod.	7.64.03266	7.64.0T3266

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

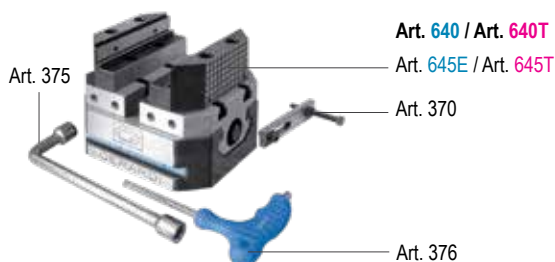
Art. 641H		B	50	75	100
Tipo / Type 3 x 166		Cod.	7.64.1H3166AL /50	7.64.1H3166AL /75	7.64.1H3166AL /100
					
Rialzo Semplice Simple Riser					
Kit di fissaggio e allineamento morsa incluso - Vise fixing and allignement kit included					

Art. 641H		B	50	75	100
Tipo / Type 3 x 266		Cod.	7.64.1H3266AL /50	7.64.1H3266AL /75	7.64.1H3266AL /100
					
Rialzo Semplice Simple Riser					
Kit di fissaggio e allineamento morsa incluso - Vise fixing and allignement kit included					

Art. 645B				Cod.	7.64.5B300
Ganascia dolce Soft jaw					
Art. 645C				Cod.	7.64.5C300
Ganascia liscia Smooth jaw					
Art. 645D				Cod.	7.64.5D300
Ganascia zigrinata Serrated jaw					
Art. 645E				Cod.	7.64.5E300
Ganascia a gradino Step jaw				In Dotazione - Standard Equipment	
Art. 645F				Cod.	7.64.5F300
Ganascia prismatica Prismatic jaw					
Art. 645T				Cod.	7.64.5T300
Ganascia GRIP GRIP jaw					

Dotazione standard:

- 1 chiave a pipa Art. 375 ■ 1 chiave a "T" Art. 376 ■ 1 arresto laterale Art. 370



Standard equipment:

- 1 box wrench Art. 375 ■ 1 "T" wrench Art. 376 ■ 1 workshop Art. 370

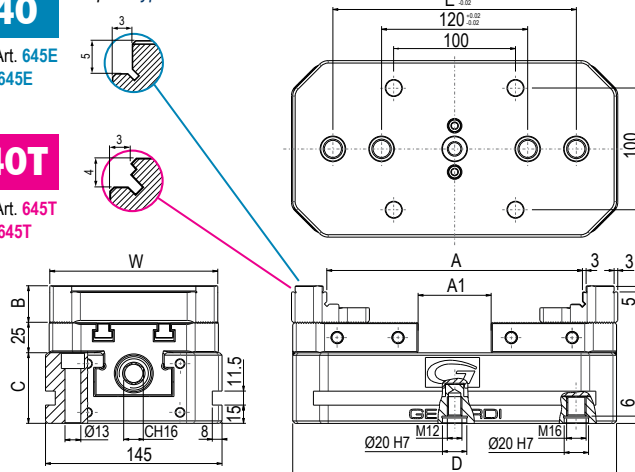
Art. 640

Con ganasce grip Art. 645E
With grip jaws Art. 645E

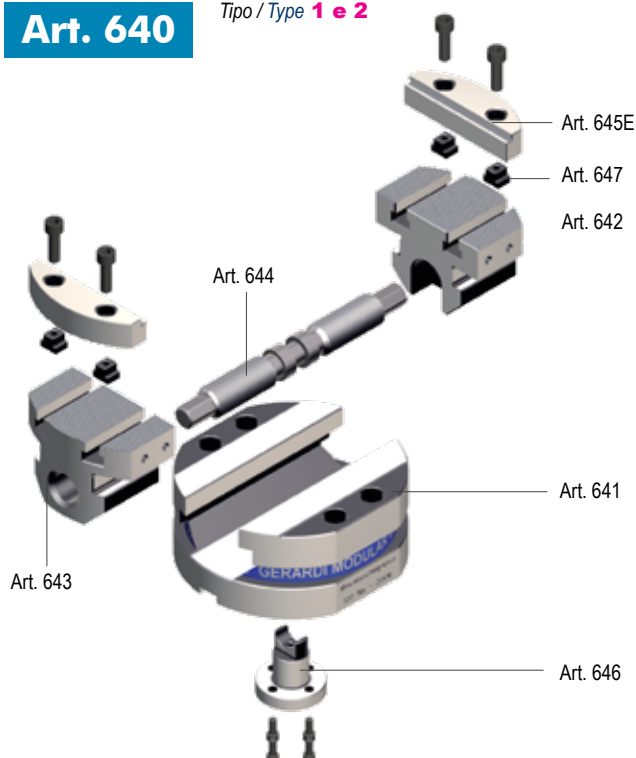
Art. 640T

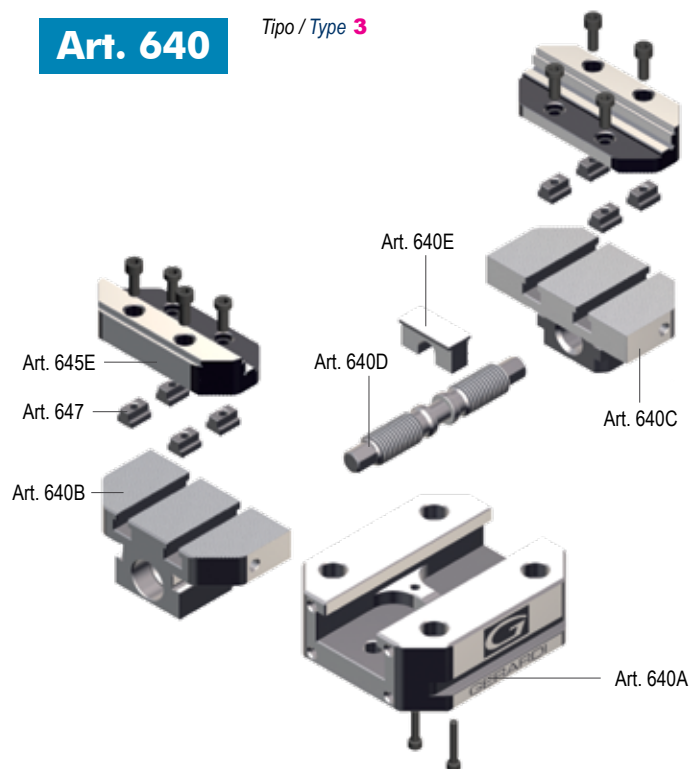
Con ganasce grip Art. 645T
With grip jaws Art. 645T

Tipo / Type **3**



Art. 640

 Tipo / Type **1 e 2**

Art. 640

 Tipo / Type **3**


Tipo (grandezza) / Type (size)	1	2
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Art. 641	Cod.	6.64.11000	6.64.12000
Corpo base Base body			

Art. 642	Cod.	6.64.21000	6.64.22000
Slitta integrale destra Solid slide right hand			

Art. 643	Cod.	6.64.31000	6.64.32000
Slitta integrale sinistra Solid slide left hand			

Art. 644	Cod.	6.64.41000	6.64.42000
Vite di bloccaggio Main screw			

Art. 645E	Cod.	6.64.5E100	6.64.5E200
Ganascia a gradino Step jaw			

Art. 646	Cod.	6.64.61000	6.64.62000
Forcella Yoke			

Art. 647	Cod.	6.64.71000	6.64.72000
Dado a T (Cad.) T nut (Each)			

Tipo (grandezza) / Type (size)	3x166	3x266
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Art. 640A	Cod.	7.64.0A3166	7.64.0A3266
Corpo base Base body			

Art. 640B	Cod.	7.64.0B3166	7.64.0B3266
Slitta integrale sinistra Solid slide left hand			

Art. 640C	Cod.	7.64.0C3166	7.64.0C3266
Slitta integrale destra Solid slide right hand			

Art. 640D	Cod.	7.64.0D3166	7.64.0D3266
Vite di bloccaggio Main screw			

Art. 640E	Cod.	7.64.0E3166	7.64.0E3266
Forcella Yoke			

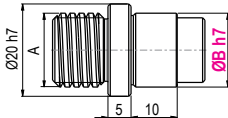
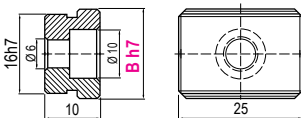
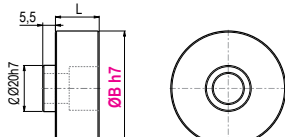
Art. 645E	Cod.	7.64.5E300	
Ganascia a gradino Step jaw			

Art. 647	Cod.	7.64.73000	
Dado a T (Cad.) T nut (Each)			

GANASCE PER MORSE MULTITASKING Art.640 JAWS FOR MULTITASKING VISES Art.640

Tipo (grandezza) / Type (size)		1	2	3
	B	15	20	30
	Y	27,5	32,5	50
	W	74	99	138
Art. 645B*		K	20	30
Ganascia dolce Soft jaw		X	27,5	42,5
		Cod.	6.64.5B100	6.64.5B200
				50
				-
				7.64.5B300
Art. 645C*		Cod.		6.64.5C100
Ganascia liscia Smooth jaw			6.64.5C200	7.64.5C300
Art. 645D*		Cod.		6.64.5D100
Ganascia zigrinata Serrated jaw			6.64.5D200	7.64.5D300
Art. 645E*		Cod.		6.64.5E100
Ganascia a gradino Step jaw			6.64.5E200	7.64.5E300
In Dotazione Standard Equipment				
Art. 645F*		ØA	7 ÷ 15	9 ÷ 20
Ganascia prismatica Prismatic jaw		ØM	25 ÷ 70	35 ÷ 110
		Cod.	6.64.5F100	6.64.5F200
				12 ÷ 30
				50 ÷ 160
				7.64.5F300
Art. 645T*		Cod.		6.64.5T100
Ganascia GRIP Jaw			6.64.5T200	7.64.5T300

* Viti per fissaggio a richiesta Fixing screws on request

Tipo (grandezza) / Type (size)		1	2	3	
Art. 79  Perno calibrato per centraggio e orientamento Calibrated centering and orientation pin		ØA	M16	M12	M16
		ØB	10 - 12 - 14 - 16 - 18 - 20		
		Cod.	7.79.20M16/ØB	7.79.20M12/ØB	7.79.20M16/ØB
Art. 297  Coppia di tasselli di posizionamento completi di vite M5 x 10 Pair of positioning key-nuts with M5 x 10 clamping screw		B	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 28 - 36		
		Cod.	2.29.71000/B		
Art. 640P  Perno calibrato per centraggio Calibrated centering pin		ØB	30 - 38,1 - 50 - 50,8		
		Cod.	7.64.0P300	7.64.0P200	7.64.0P300

** Specificare sempre quota B & L - Specify always B & L dimensions*

* Specificare sempre quota B & L - Specify always B & L dimensions

Tipo (grandezza) morsa / Vise type (size)
Art. 640J

 Tipo / Type **1 e 2**

 Morsa autocentrante o eccentrica.
 Azionamento manuale.
 Serraggio meccanico

 Self-centering or eccentric vise.
 Manual operation
 Mechanical clamping

kN

1
20 kN
2
26 kN

Ø A	30 ÷ 45	45 ÷ 70
W	74	99
B	60	80
C	50	70
D	Ø120	Ø160
E	35	35
F	92	120
G	30	40
H	156	208
L	M12	M16
M	Ø9	Ø11
kg	5	10
Cod.	7.64.0J100	7.64.0J200

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 641H

 Tipo / Type **1**

 Rialzo Semplice
 Simple Riser

B	50	75	100
Cod.	7.64.1H100AL /50	7.64.1H100AL /75	7.64.1H100AL /100

 Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**
Art. 641H

 Tipo / Type **2**

 Rialzo Semplice
 Simple Riser

B	50	75	100
Cod.	7.64.1H200AL /50	7.64.1H200AL /75	7.64.1H200AL /100

 Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**
Art. 655B

 Piastra ganasce dolce
 Soft jaw-plate


Cod.	7.65.5B100	7.65.5B200
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Art. 655C

 Piastra ganasce liscia
 Smooth jaw-plate


Cod.	7.65.5C100	7.65.5C200
------	------------	------------

Art. 655D

 Piastra ganasce zigrinata
 Serrated jaw-plate


Cod.	7.65.5D100	7.65.5D200
------	------------	------------

Art. 655F

 Piastra ganasce prismatica
 Prismatic jaw-plate


Ø	10 ÷ 18	10 ÷ 30
Cod.	7.65.5F118	7.65.5F230
Ø	15 ÷ 23 * 23 ÷ 30	25 ÷ 45
Cod.	7.65.5F123	7.65.5F245

 * Per Ø 23÷30 ingombro max. (D1) = 132mm Ø (anziché 120mm)
 For Ø 23÷30 max overall dimensin (D1) Ø132mm (instead of 120mm)

Art. 655J

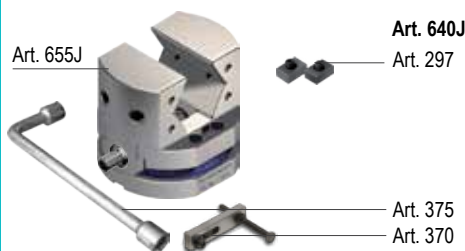
 Coppia di ganasce integrali prismatiche
 Prismatic solid jaws (1 pair)


	30 ÷ 45	45 ÷ 70
Cod.	7.65.5J100	7.65.5J200

Da usare in coppia / To be used as a pair

Dotazione standard:

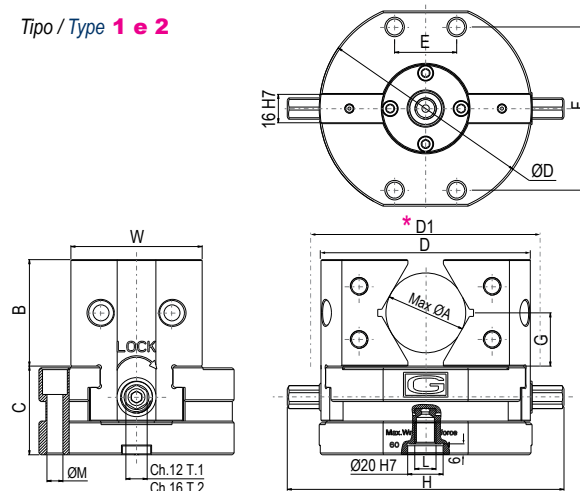
- 1 chiave a pipa Art. 375 ■ 1 arresto laterale Art. 370
- 1 coppia di tasselli di posizionamento Art. 297 cava a T 16 mm



Standard equipment:

- 1 box wrench Art. 375 ■ 1 workshop Art. 370
- 1 pair of positioning key-nuts Art. 297 T slot 16 mm

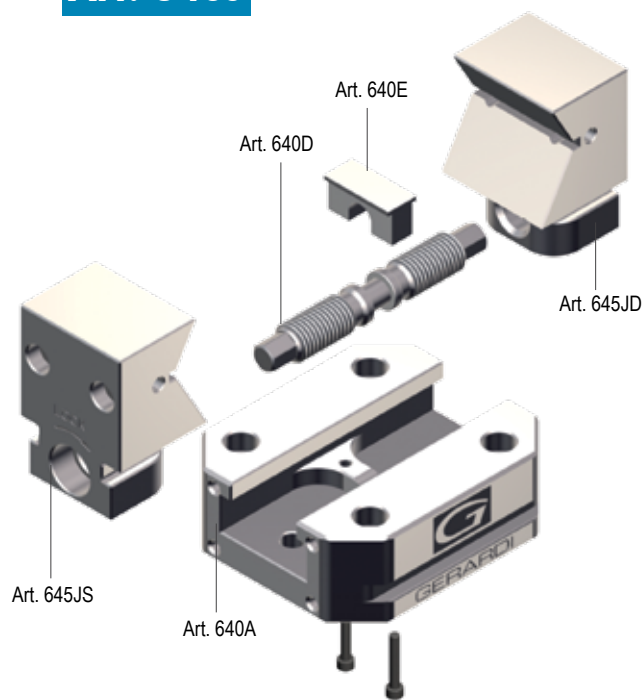
Art. 640J

 Tipo / Type **1 e 2**


Art. 640J

 Tipo / Type **1 e 2**

Art. 640J

 Tipo / Type **3**


Tipo (grandezza) / Type (size)	1	2
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Art. 641	Cod.	6.64.11000	6.64.12000
Corpo base Base body			

Art. 644	Cod.	6.64.41000	6.64.42000
Vite di bloccaggio Main screw			

Art. 646	Cod.	6.64.61000	6.64.462000
Forcella Yoke			

Art. 645JS*	Cod.	7.64.5JS10	7.64.5JS20
Ganascia integrale prismatica sx Solid prismatic left jaw			

Art. 645JD*	Cod.	7.64.5JD10	7.64.5JD20
Ganascia integrale prismatica dx Solid prismatic right jaw			

Tipo (grandezza) / Type (size)	3x166	3x266
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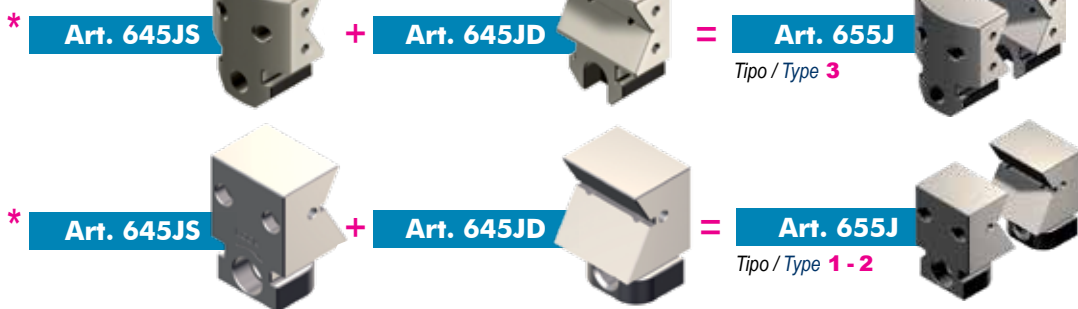
Art. 640A	Cod.	7.64.0A3166	7.64.0A3266
Corpo base Base body			

Art. 640D	Cod.	7.64.0D3166	7.64.0D3266
Vite di bloccaggio Main screw			

Art. 640E	Cod.	7.64.0E3166	7.64.0E3266
Forcella Yoke			

Art. 645JD*	Cod.	7.64.5JD316	7.64.5JD326
Ganascia integrale prismatica dx Solid prismatic right jaw			

Art. 645JS*	Cod.	7.64.5JS316	7.64.5JS326
Ganascia integrale prismatica sx Solid prismatic left jaw			



GANASCE & PIASTRE GANASCE PER MORSE MULTITASKING Art.640J

JAWS & JAW PLATES FOR MULTITASKING VISES Art.640J

Tipo (grandezza) / Type (size)	1	2	3	
Art. 655J				
Tipo / Type 1 - 2				
Coppia di ganasce integrali prismatiche Prismatic solid jaws (1 pair)				
	W 74	99	78	78
	K 60	80	75	95
	X 49	59	59	95
	Ø 30 ÷ 45	45 ÷ 70	44 ÷ 68	48 ÷ 102
	Cod. 7.65.5J100	7.65.5J200	7.65.5J316	7.65.5J326

In Dotazione - Standard Equipment

Art. 655J				
Tipo / Type 3				

In Dotazione - Standard Equipment

Art. 655B				
Piastra ganascia dolce Soft jaw-plate				
	K 55	70	60	
	X 38	54	49	
	Cod. 7.65.5B100	7.65.5B200	7.65.5B316	

Art. 655C				
Piastra ganascia liscia Smooth jaw-plate				
	K 55	70	60	
	X 23	32	24	
	Cod. 7.65.5C100	7.65.5C200	7.65.5C316	

Art. 655D				
Piastra ganascia zigrinata Serrated jaw-plate				
	K 55	70	60	
	X 23	32	24	
	Cod. 7.65.5D100	7.65.5D200	7.65.5D316	

Tipo (grandezza) / Type (size)	1	2	3x166	3x266
Art. 655F				
Piastra ganascia prismatica Prismatic jaw-plate				
	K 43	54	60	60
	X 17	22	24	24
	Ø 10 ÷ 18	10 ÷ 30	12 ÷ 32	12 ÷ 38
	Cod. 7.65.5F118	7.65.5F230	7.65.5F330	
	Ø 15 ÷ 23 - 23 ÷ 30 *	25 ÷ 45	14 ÷ 34	12 ÷ 38
	Cod. 7.65.5F123	7.65.5F245	7.65.5F335	
	Ø -	-	16 ÷ 36	16 ÷ 58
	Cod. -	-	7.65.5F345	
	Ø -	-	18 ÷ 45	24 ÷ 65
	Cod. -	-	7.65.5F350	

* Per Ø 23÷30 ingombro max. (D1) = 132mm Ø (anziché 120mm)
For Ø 23÷30 max overall dimension (D1) Ø132mm (instead of 120mm)

Tipo (grandezza) / Type (size)	1	2	3
Art. 79			
Perno calibrato per centraggio e orientamento Calibrated centering and orientation pin			
	ØB	-	10-12-14-16-18-20
	Cod. -	-	7.79.20M16/ØB

Art. 297				
Coppia di tasselli di posizionamento completi di vite M5 x 10 Pair of positioning key-nuts with M5 x 10 clamping screw				
	B	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 28 - 36	-	
	Cod. 2.29.71000/B		-	

Art. 640P				
Perno calibrato per centraggio Calibrated centering pin				
	ØB	30 - 38,1 - 50 - 50,8		
	Cod. 7.64.0P100	7.64.0P200	7.64.0P300	

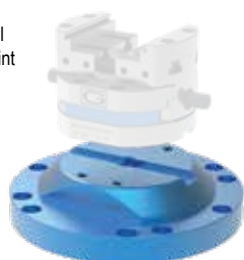
* Specificare sempre quota B - Specify always B dimension

RIALZI IN ALLUMINIO PER MORSE ART.640

ALUMINUM RISERS FOR VISES ART.640

Tipo (grandezza) rialzo Riser type	1			2		
Art. 641H Tipo / Type 1 e 2	ØA	120			160	
	B	50	75	100	50	75 100
	kg	3	4,5	5,4	3,5	4,9 6,4
	Cod.	7.64.1H100AL/050	7.64.1H100AL/075	7.64.1H100AL/100	7.64.1H200AL/050	7.64.1H200AL/075 7.64.1H200AL/100

Rialzo semplice,
compatibile con il
sistema Zero Point
Simple riser
Zero Point ready



ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNEMENT RISER: **Kit Not Included**

KIT Fissaggio morsa su rialzo Fixing vise on riser KIT	Cod.	7.64.1K100	7.64.1K200
Art.79 / VTCEI / Art.297			

Tipo (grandezza) rialzo / Riser type (size)	3 x 166		
Art. 641H Tipo / Type 3 x 166	A	166	
	B	50	75 100
	C	230	
	D	190	
	kg	3,8	5,3 6,8
	Cod.	7.64.1H3166AL/050	7.64.1H3166AL/075 7.64.1H3166AL/100



ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNEMENT RISER: **Kit Not Included**

KIT Fissaggio morsa su rialzo Fixing vise on riser KIT	Cod.	7.64.1K300
Art.79 / VTCEI		

Tipo (grandezza) rialzo / Riser type (size)	3 x 266		
Art. 641H Tipo / Type 3 x 266	A	266	
	B	50	75 100
	C	310	
	D	286	
	kg	5,8	8,3 10,7
	Cod.	7.64.1H3266AL/050	7.64.1H3266AL/075 7.64.1H3266AL/100



ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNEMENT RISER: **Kit Not Included**

KIT Fissaggio morsa su rialzo Fixing vise on riser KIT	Cod.	7.64.1K300
Art.79 / VTCEI		

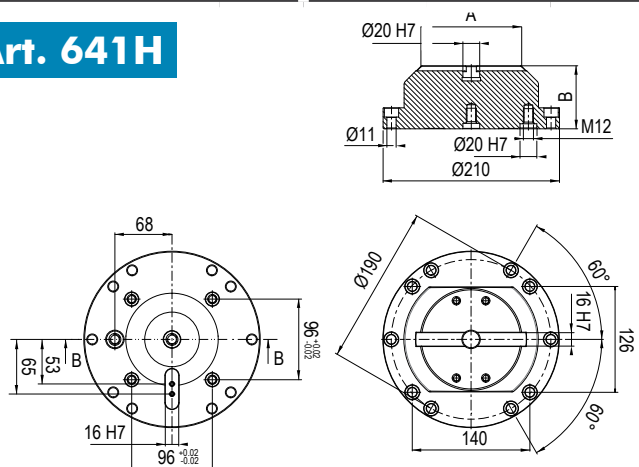
PIASTRE di INTERFACCIA

INTERFACE PLATES

Tipo (grandezza)
Riser (type) size

1 e 2

Art. 641H



Tipo (grandezza)
Riser (type) size

1 e 2

Art. 62M

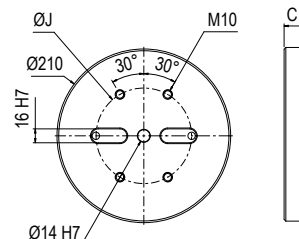
Multitasking

Piastra di interfaccia lavorabile
Machineable interface plate

ØJ 190
C1 28

Cod. 62M641H1000S

Personalizzazione non inclusa - Customization not included

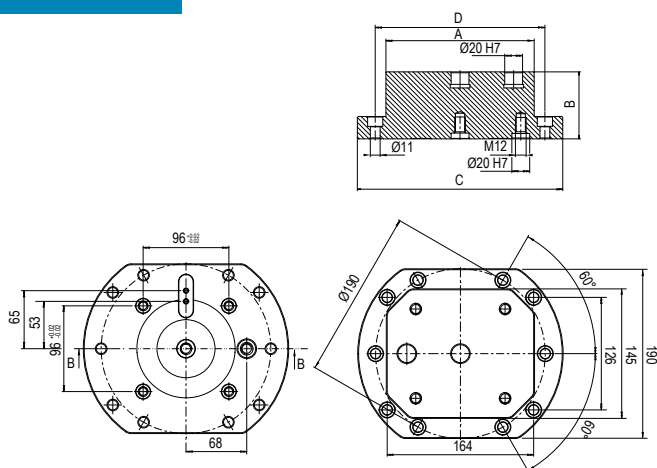


Kit di fissaggio al rialzo **incluso** / Riser fixing and positioning kit **included**

Tipo (grandezza)
Riser (type) size

3 x 166

Art. 641H



Tipo (grandezza)
Riser (type) size

3 x 166

Art. 62M

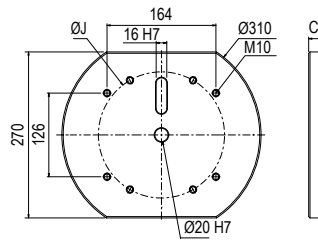
Multitasking

Piastra di interfaccia lavorabile
Machineable interface plate

ØJ 190
C1 28

Cod. 62M641H3166S

Personalizzazione non inclusa - Customization not included

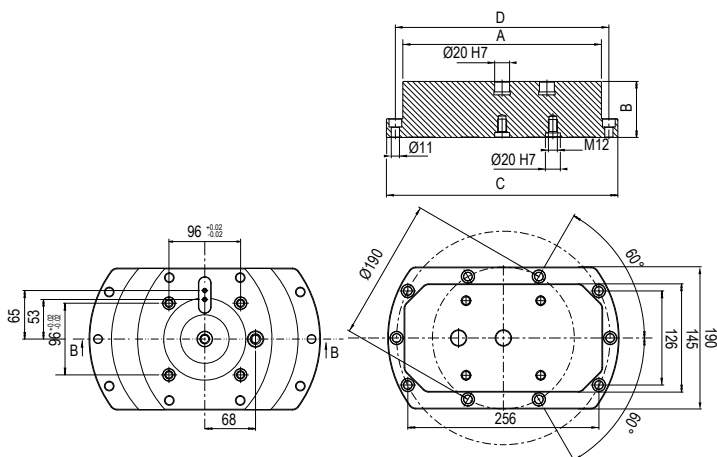


Kit di fissaggio al rialzo **incluso** / Riser fixing and positioning kit **included**

Tipo (grandezza)
Riser (type) size

3 x 266

Art. 641H



Tipo (grandezza)
Riser (type) size

3 x 266

Art. 62M

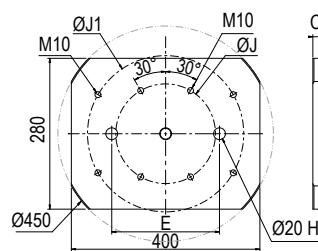
Multitasking

Piastra di interfaccia lavorabile
Machineable interface plate

ØJ 260
C1 28

Cod. 62M641H3266S

Personalizzazione non inclusa - Customization not included

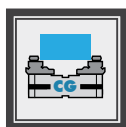


Kit di fissaggio al rialzo **incluso** / Riser fixing and positioning kit **included**

MORSE COMPACT GRIP

COMPACT GRIP VISES

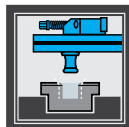
Esempi applicativi su centri a 5 assi - Application example on 5 axis machine



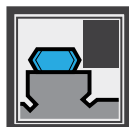
Morse Compact Grip
Compact Grip vises



lavorazioni a 5 assi
5 axis machining



Predisposizione
Zero Point
Zero Point ready



Inserti GRIP
GRIP inserts



Art.650 Compact Grip

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 dentini affilati o conformati a seconda del tipo di materiale e di durezza.

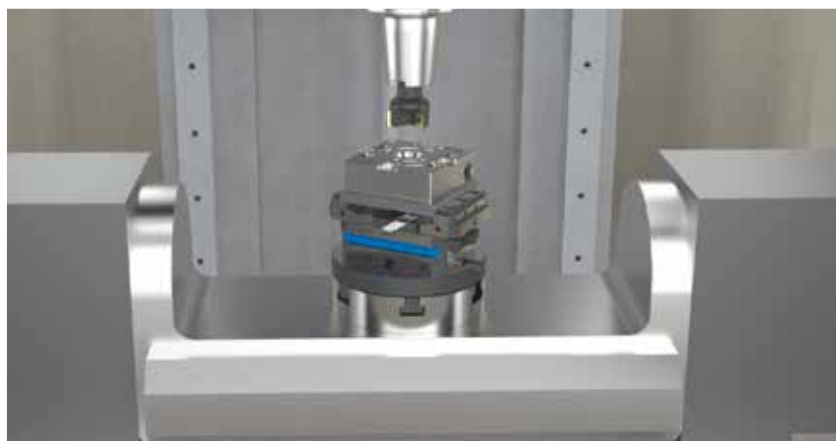
The absolute news for 5 axis machine centres and new multiclamping system are the self-centering Compact Grip vises. Their name identifies the main vise features which are the extreme compactness and easiest handling and the system of inserts which adopts, so called "GRIP". This system includes a range of jaw plates 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.



Aperture Morse / Opening vise range

Scansiona il QR code e scarica la tabella con tutte le aperture delle morse CompactGrip

Scan the QR code to download the chart with all vise jaws opening



Tramite l'inserto Grip si esegue la sgrossatura e la finitura del pezzo sui cinque lati.
Through the Grip insert you can rough mill and finish the workpiece on five sides.



Dettaglio Inserto Grip.
Insert Grip detail.

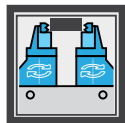


Tramite il gradino liscio della ganascia si rimuove il sovrametallo rimanente e si finisce il particolare
Then through the smooth jaw step you can remove the remaining stock allowance from the workpiece and finish the workpiece

MORSE FMS

FMS VISES

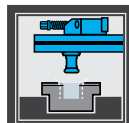
Esempi applicativi su centri a 5 assi - Application example on 5 axis machine



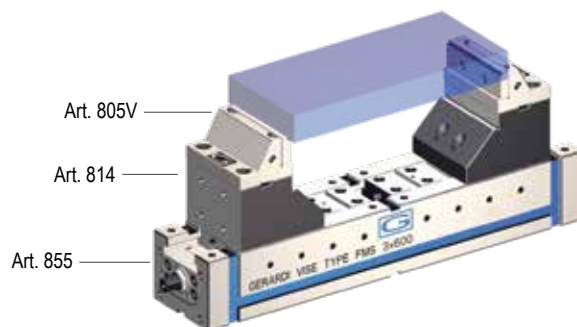
Ganasce alte e rialzate
High and raised jaws



lavorazioni a 5 assi
5 axis machining



Predisposizione
Zero Point
Zero Point ready



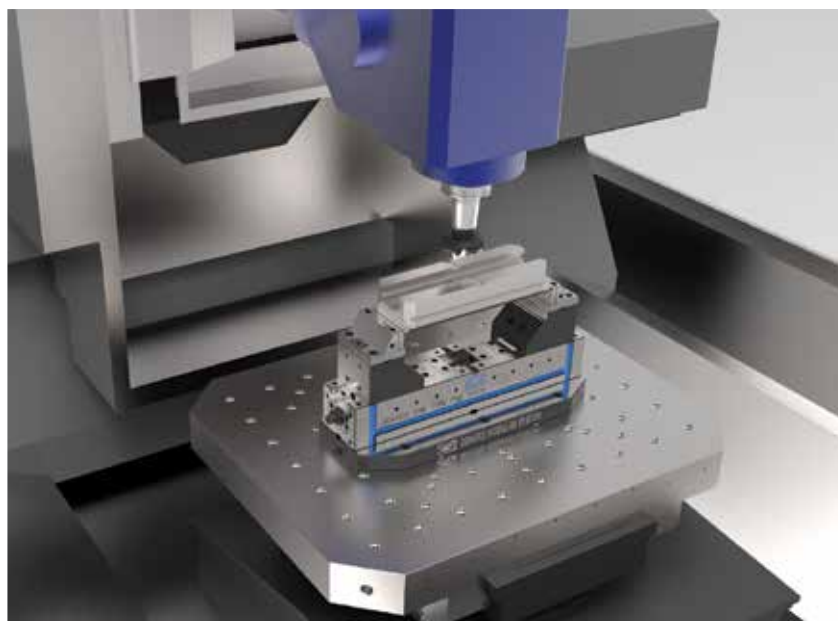
Art.868 FMS series

Grazie all'estrema versatilità del sistema modulare Gerardi anche le morse FMS, adeguatamente riconfigurate, possono rientrare nella cosiddetta categoria di morse Multitasking per centri di lavoro a 5 assi.

Basterà quindi montare la base mobile Art.814 con le relative ganasce Art.805V sul modulo base universale Art.855.

Thanks to the extreme versatility of the Gerardi Modular System even the FMS vises, properly reconfigured, can be used as Multitasking vises for 5 axis machine centres.

It will be enough to assemble the movable base Art.814 with the Art.805V jaws on the universal vise base module Art.855



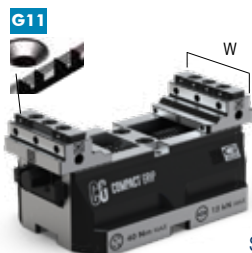
Particolare sollevato tramite base mobile Art.814
Workpiece raised by movable base Art.814



Dettaglio serraggio tramite piastrina GRIP Art.247T
Detail of clamping by GRIP jaw plate Art.247T

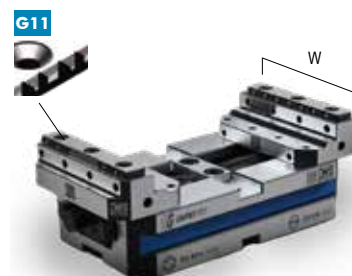
Tipo (grandezza) morsa / Vise type (size)
kN
1
12 kN
2
22 kN
Art. 650
Tipo / Type 1x120

Morsa Autocentrante CompactGrip con ganasce reversibili, ideale per centri a 5 assi.

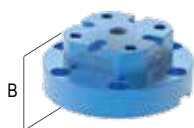


Self-centering CompactGrip vise with reversible jaws, Ideal for five axis centres.

A	54	94	134
W	50	50	50
E	80	120	160
kg	1,9	2,7	3,4
Cod.	7.65.01080	7.65.01120	7.65.01160

Art. 650
Tipo / Type 2x160

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 651H

Tipo / Type 1
Rialzo Semplice
Simple Riser



B	100		
Cod.	7.65.1H1080 / 100	7.65.1H1120 / 100	7.65.1H1160 / 100

Art. 651H

Tipo / Type 2
Rialzo Semplice
Simple Riser

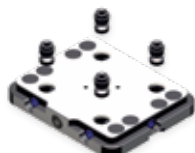


Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**

Kit di fissaggio e allineamento morsa **incluso**

Art. 660

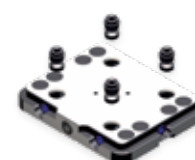
Interasse / Type 52 mm
Piastra cambio rapido
Quick change plate



Cod. 9.66.05200

Art. 660

Interasse / Type 52 mm
Piastra cambio rapido
Quick change table



Vedi gamma completa - See the complete range Page 7.34 / 7.35

Vedi gamma completa Pag. 7.34 / 7.35

Art. 650X

Ganascia fissa intermedia
Intermedie fixie jaw



Cod. 7.65.0X1000

Art. 650X

Ganascia fissa intermedia
Intermedie fixie jaw



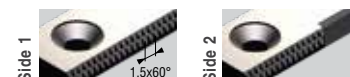
In fase d'ordine specificare il tipo di inserto, vedi pag. 7.27 / In case of order always specify the type of insert, see page 7.27

Art. 650T G01

Inserto ganascia
Top jaw insert
GRIP (Passo - Pitch 1,5mm)



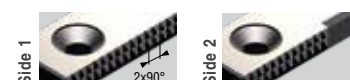
Cod. 7.65.0T1000/G01


Art. 650T G02

Inserto ganascia
Top jaw insert
GRIP (Passo - Pitch 2mm)



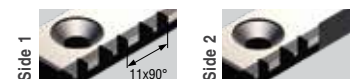
Cod. 7.65.0T1000/G02


Art. 650T G11

Inserto ganascia
Top jaw insert
GRIP (Passo - Pitch 11mm)

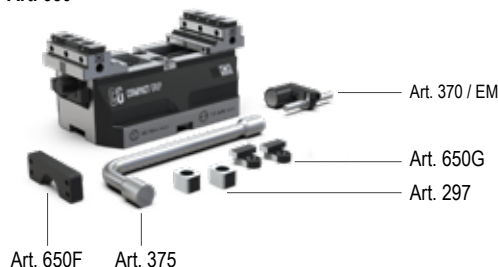


Cod. 7.65.0T1000/G11



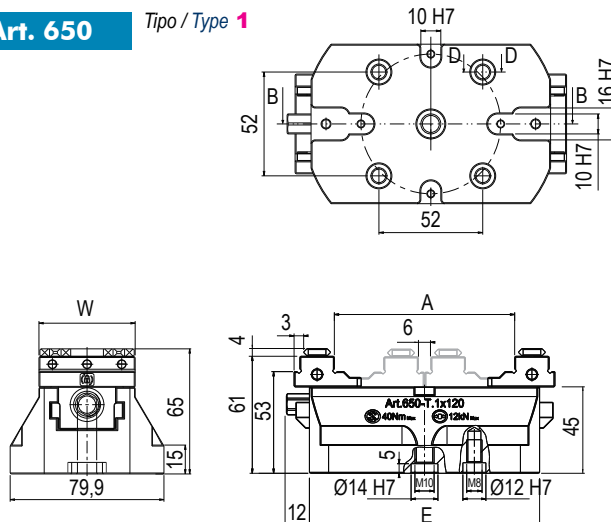
Dotazione standard:

- 1 chiave a pipa Art.375 ■ 1 arresto laterale Art.370EM ■ 1 coppia di tasselli per regolazione autocentrante Art. 297 ■ 2 tasselli di posizionamento Art.650G cava a T 16 mm
- 1 Art. 650F piastra di bloccaggio slitta

Art. 650


Standard equipment:

- 1 box wrench Art.375 ■ 1 workshop Art.370EM ■ 1 pair of self-centering key-nuts Art. 297
- 2 positioning key-nuts Art.650G T slot 16 mm
- 1 Art. 650F slide locking plate

Art. 650
Tipo / Type 1


2 22 kN					3 32 kN				
kN					Art. 650 Tipo / Type 3x310				
A	96	136	176	216	133	183	233	283	333
W	88	88	88	88	123	123	123	123	123
E	120	160	200	240	160	210	260	310	360
kg	3,6	4,4	5,2	5,8	9,1	10,9	12,8	14,8	17
Cod.	7.65.02120	7.65.02160	7.65.02200	7.65.02240	7.65.03160	7.65.03210	7.65.03260	7.65.03310	7.65.03360

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

B	100					Art. 651H <i>Tipo / Type 3</i> Rialzo Semplice Simple Riser	100				
<i>Cod.</i>	7.65.1H2120 /100	7.65.1H2160 /100	7.65.1H2200 /100	7.65.1H2240 /100			7.65.1H3160 /100	7.65.1H3210 /100	7.65.1H3260 /100	7.65.1H3310 /100	7.65.1H3360 /100

Vise fixing and allignment kit included

Kit di fissaggio e allinamento morsa **incluso** - Vise fixing and allignement kit **included**

Art. 660

Cod. 9.66.05200

See the complete range [Page 7.34 / 7.35](#)

Art. 660

Interasse / Type **96 mm**

Piastra cambio rapido
Quick change table

Vedi gamma completa - See the complete range Page 7.34 / 7.35

Art. 650X

Ganascia fissa intermedia
Intermedie fixie jaw

7.65.0X3000

In fase d'ordine specificare il tipo di inserto, vedi pag. 7.27 / In case of order always specify the type of insert, see page 7.27

Cod. 7.65.0T2000/G01

Art. 650T G01

Per materiali di durezza normale
For standard workpieces hardness clamping

7.65.0T3000/G01

Cod.	7.65.0T2000/G02
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Art. 650T G02

Per materiali di notevole durezza
For hardened workpieces clamping

7.65.0T3000/G02

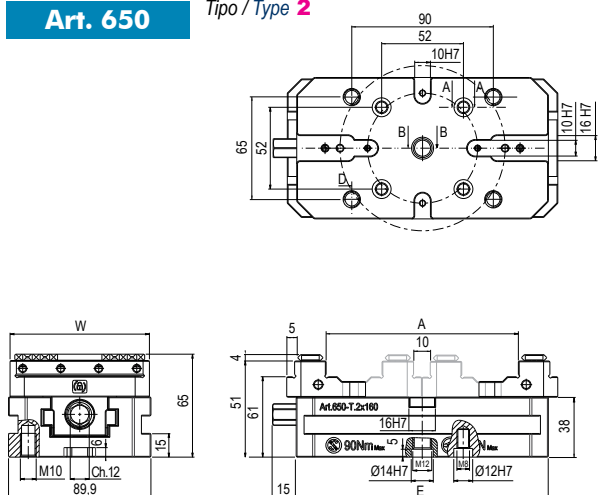
Cod. 7.65.0T2000/G11

Art. 650T G11

Per materiali teneri
For soft material clamping

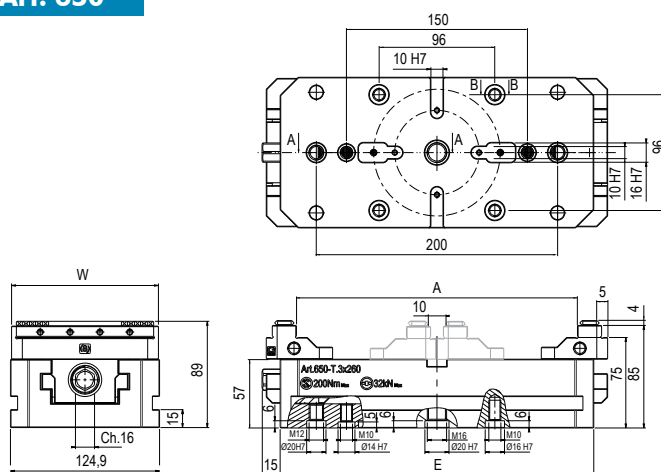
7.65.0T3000/G11

Art. 650

Tipo / Type **2**

Art. 650

Tipo / Type **3**



Tipo (grandezza) morsa / Vise (type) size
kN
2
22 kN
Art. 950
Tipo / Type 2x160

Morsa Autocentrante Compact Grip
con ganasce lavorabili in acciaio,
ideale per centri a 5 assi



Self-centering Compact Grip
vise with **machineable steel jaws**,
Ideal for five axis centres.

	A	85	125	165
W			128	
B			93	
C			38	
C1			53	
D			89,9	
E	120	160	200	240
F			52	
G			49	
L			Ø12	
L1			M8	
kg	7,9	8,6	9,4	10,1
Cod.	7.95.02120	7.95.02160	7.95.02200	7.95.02240

Per morsa T.1 utilizzare ganasce Art.650BM / CM (pag.7.30) / For vise T.1 use jaw Art.650BM / CM (see pag. 7.30)

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 651H
Tipo / Type 2

Rialzo Semplice
Simple Riser



Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**

B		100		
Cod.	7.65.1H2120 / 100	7.65.1H2160 / 100	7.65.1H2200 / 100	7.65.1H2240 / 100

Art. 660
Interasse / Type 52 mm

Piastra cambio rapido
Quick change plate

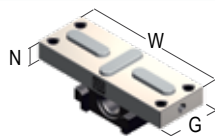
Vedi gamma completa - See the complete range Page 7.34 / 7.35



Cod.	9.66.05200
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Art. 950B

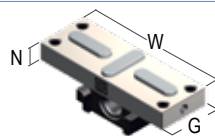
Slitta **DESTRA** con chiavette
Solid hardened slide **RIGHT HAND**
with positioning key nuts



Cod.	7.95.0B2000
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Art. 950C

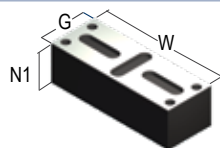
Slitta **SINISTRA** con chiavette
Solid hardened slide **LEFT HAND**
with positioning key nuts



Cod.	7.95.0C2000
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Art. 950D

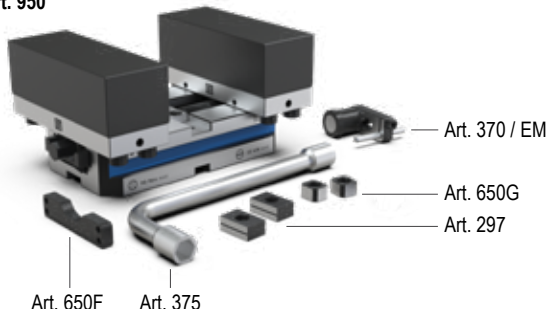
Ganascia lavorabile in acciaio
Machineable steel jaw



Cod.	7.95.0D2000
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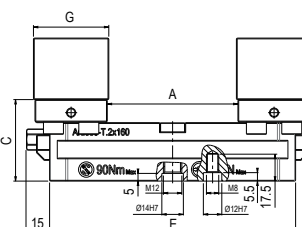
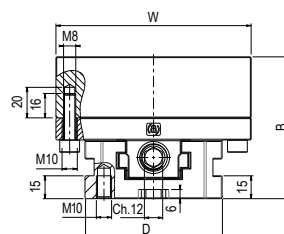
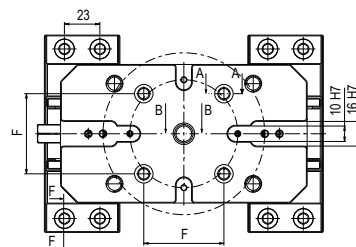
Dotazione standard:

- 1 chiave a pipa Art.375 ■ 1 arresto laterale Art.370EM ■ 1 coppia di tasselli per regolazione autocentrante Art. 297 ■ 2 tasselli di posizionamento Art.650G cava a T 16 mm
- 1 Art. 650F piastra di bloccaggio slitta

Art. 950


Standard equipment:

- 1 box wrench Art.375 ■ 1 workshop Art.370EM ■ 1 pair of self-centering key-nuts Art. 297
- 2 positioning key-nuts Art.650G T slot 16 mm ■
- 1 Art. 650F slide locking plate

Art. 950
Tipo / Type 2


Tipo (grandezza) morsa / Vise (type) size
Art. 950

Tipo / Type **3x360**

Morsa Autocentrante Compact Grip
con ganasce **lavorabili in acciaio**,
ideale per centri a 5 assi

Self-centering Compact Grip
vise with **machineable steel jaws**,
Ideal for five axis centres.

	3				
	32 kN				
A	71	121	171	221	271
W			160		
B			124		
C			57		
C1			77		
D			124,9		
E	160	210	260	310	360
F			96		
G			59		
L			Ø16		
L1			M10		
kg	16.8	18.6	20.5	22.5	24.4
Cod.	7.95.03160	7.95.03210	7.95.03260	7.95.03310	7.95.03360

Per morsa T.1 utilizzare ganasacia Art.650BM / CM (pag.7.30) / For vise T.1 use jaw Art.650BM / CM (see pag. 7.30)

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !
Art. 651H

Tipo / Type **3**

Rialzo Semplice
Simple Riser

Kit di fissaggio e allineamento morsa **incluso** - Vise fixing and alignment kit **included**

B	100				
Cod.	7.65.1H3160 / 100	7.65.1H3210 / 100	7.65.1H3260 / 100	7.65.1H3310 / 100	7.65.1H3360 / 100

Art. 660

Interasse / Type **96 mm**

Tavola Quick change
Quick change table

Vedi gamma completa - See the complete range Page 7.34 / 7.35



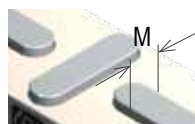
Cod.	9.66.09600
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Art. 950B

Slitta **DESTRA** con chiavette
Solid hardened slide **RIGHT**
HAND with positioning key nuts


Cod.	7.95.0B3000
------	-------------

Art. 950C

Slitta **SINISTRA** con chiavette
Solid hardened slide **LEFT**
HAND with positioning key nuts


Cod.	7.95.0C3000
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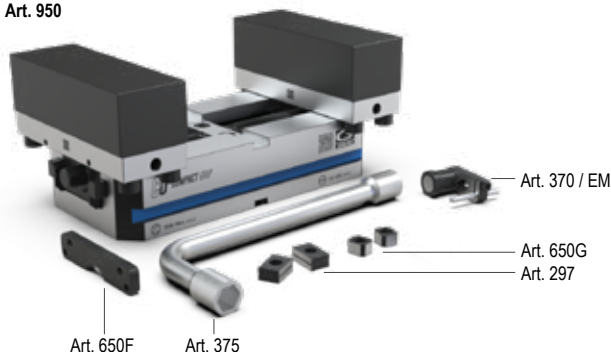
Art. 950D

Ganaschia lavorabile in acciaio
Machineable steel jaw


Cod.	7.95.0D3000
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Dotazione standard:

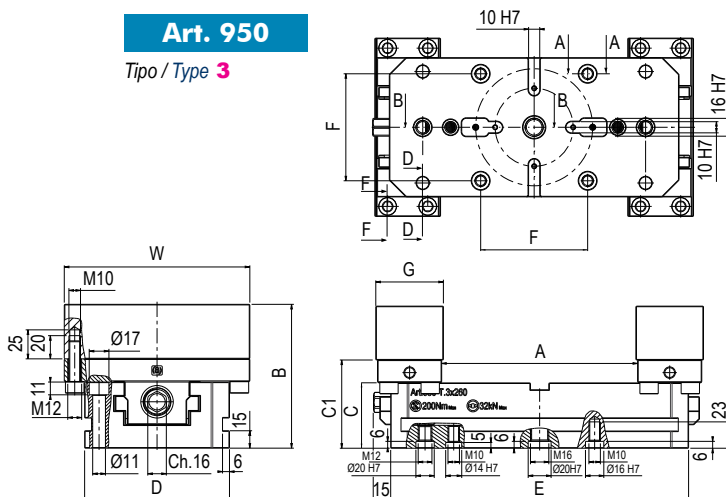
- 1 chiave a pipa Art.375 ■ 1 arresto laterale Art.370EM ■ 1 coppia di tasselli per regolazione autocentrante Art. 297 ■ 2 tasselli di posizionamento Art.650G cava a T 16 mm
- 1 Art. 650F piastra di bloccaggio slitta

Art. 950


Standard equipment:

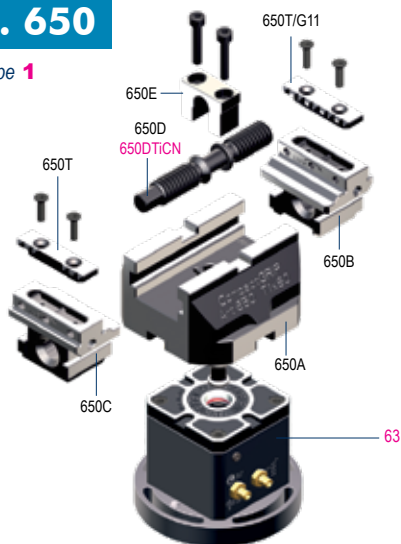
- 1 box wrench Art.375 ■ 1 workshop Art.370EM ■ 1 pair of self-centering key-nuts Art. 297
- 2 positioning key-nuts Art.650G T slot 16 mm
- 1 Art. 650F slide locking plate

Art. 950

Tipo / Type **3**


Art. 650

Tipo / Type 1

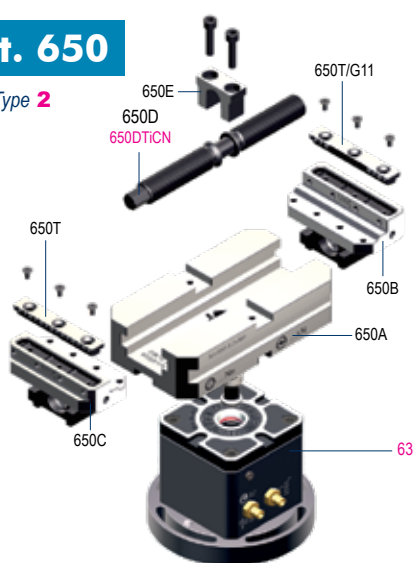


Tipo / Type 1		1x80	1x120	1x160
Art. 650A	Cod.	7.65.0A1080	7.65.0A1120	7.65.0A1160
Corpo base - Base body				
Art. 650B	Cod.		7.65.0B1000	
Ganascia integrale destra Solid jaw right hand				
Art. 650C	Cod.		7.65.0C1000	
Ganascia integrale sinistra Solid jaw left hand				
Art. 650D	Cod.	7.65.0D1080	7.65.0D1120	7.65.0D1160
Vite di bloccaggio - Main screw				
Art. 650D TiCN (Optional)	Cod.	7.65.0D1080-TiCN	7.65.0D1120-TiCN	7.65.0D1160-TiCN
Vite di bloccaggio a scorrimento rapido con rivestimento anti-usura TiCN Quick-slide clamping screw with anti-wear coating TiCN				
Art. 650E	Cod.		7.65.0E1000	
Forcella - Yoke				

Tipo / Type		1	2
Art. 63 (Optional)	Cod.	9.63.10000	9.63.20000
Rialzo singolo con Zero Point Risers with ZeroPoint			

Art. 650

Tipo / Type 2

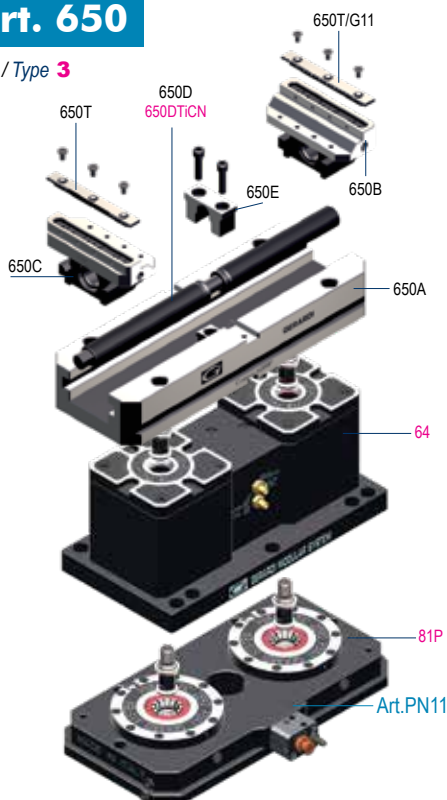


Tipo / Type 2		2x120	2x160	2x200	2x240
Art. 650A	Cod.	7.65.0A2120	7.65.0A2160	7.65.0A2200	7.65.0A2240
Corpo base - Base body					
Art. 650B	Cod.		7.65.0B2000		
Ganascia integrale destra Solid jaw right hand					
Art. 650C	Cod.		7.65.0C2000		
Ganascia integrale sinistra Solid jaw left hand					
Art. 650D	Cod.	7.65.0D2120	7.65.0D2160	7.65.0D2200	7.65.0D2240
Vite di bloccaggio - Main screw					
Art. 650D TiCN (Optional)	Cod.	7.65.0D2120 -TiCN	7.65.0D2160 -TiCN	7.65.0D2200 -TiCN	7.65.0D2240 -TiCN
Vite di bloccaggio a scorrimento rapido con rivestimento anti-usura TiCN Quick-slide clamping screw with anti-wear coating TiCN					
Art. 650E	Cod.		7.65.0E2000		
Forcella - Yoke					

Tipo / Type		1	2
Art. 63 (Optional)	Cod.	9.63.10000	9.63.20000
Rialzo singolo con Zero Point Risers with ZeroPoint			

Art. 650

Tipo / Type 3



Tipo / Type 3		3x160	3x210	3x260	3x310	3x360
Art. 650A	Cod.	7.65.0A3160	7.65.0A3210	7.65.0A3260	7.65.0A3310	7.65.0A3360
Corpo base - Base body						
Art. 650B	Cod.			7.65.0B3000		
Ganascia integrale destra Solid jaw right hand						
Art. 650C	Cod.			7.65.0C3000		
Ganascia integrale sinistra Solid jaw left hand						
Art. 650D	Cod.	7.65.0D3160	7.65.0D3210	7.65.0D3260	7.65.0D3310	7.65.0D3360
Vite di bloccaggio - Main screw						
Art. 650D TiCN (Optional)	Cod.	7.65.0D3160 -TiCN	7.65.0D3210 -TiCN	7.65.0D3260 -TiCN	7.65.0D3310 -TiCN	7.65.0D3360 -TiCN
Vite di bloccaggio a scorrimento rapido con rivestimento anti-usura TiCN Quick-slide clamping screw with anti-wear coating TiCN						
Art. 650E	Cod.			7.65.0E3000		
Forcella - Yoke						

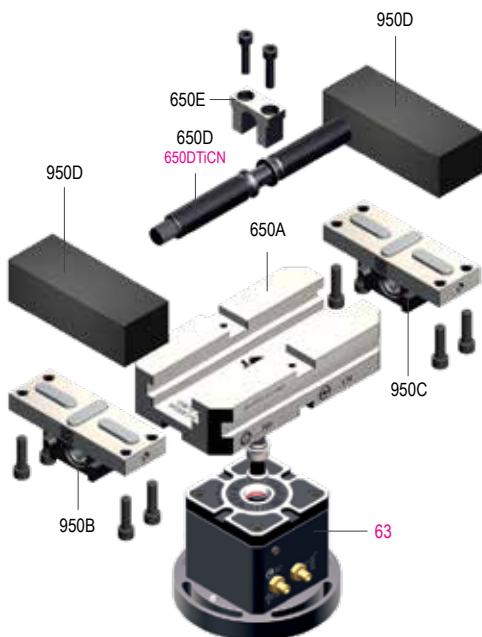
Tipo / Type		1	2
Art. 64 (Optional)	Cod.	9.64.10000	9.64.20000
Rialzo doppio con Zero Point Double riser with Zero Point			
Non utilizzabile con morse tipo 3x160 - Impossible to use with vises type 3x160			

Piastra ZeroPoint, montaggio incassato - ZeroPoint Plates, built-in mounting

Art. 81P (Optional)		Acciaio Steel	Alluminio Aluminum
Piastra di interfaccia Zero Point per morse CompactGrip tipo 3 Zero Point connecting plate for CompactGrip vise Type 3	Cod.	9.81.P2040S2	9.81.P2040A2

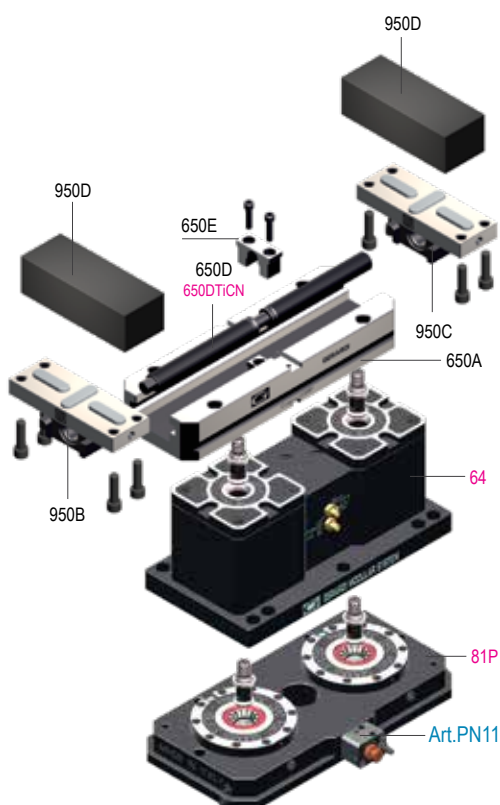
Non utilizzabile con morse tipo 3x160 / 3x210 - Impossible to use with vises type 3x160 / 3x210

Art. 950

Tipo / Type **2**


Tipo / Type 2	2x120	2x160	2x200	2x240
Art. 650A Corpo base - Base body	Cod. 7.65.0A2120	7.65.0A2160	7.65.0A2200	7.65.0A2240
Art. 950B Ganascia integrale destra Solid jaw right hand	Cod. 7.95.0B2000			
Art. 950C Ganascia integrale sinistra Solid jaw left hand	Cod. 7.95.0C2000			
Art. 650D Vite di bloccaggio - Main screw	Cod. 7.65.0D2120	7.65.0D2160	7.65.0D2200	7.65.0D2240
Art.650DTiCN (Optional) Vite di bloccaggio a scorrimento rapido con rivestimento anti-usura TiCN Quick-slide clamping screw with anti-wear coating TiCN	Cod. 7.65.0D2120 -TCN	7.65.0D2160 -TCN	7.65.0D2200 -TCN	7.65.0D2240 -TCN
Art. 650E Forcella - Yoke	Cod. 7.65.0E2000			
Art. 950D Ganascia lavorabile in acciaio Machineable steel jaw	Cod. 7.95.0D2000			
Tipo / Type	1	2		
Art. 63 (Optional) Rialzo singolo con Zero Point Risers with ZeroPoint	Cod. 9.63.10000	9.63.20000		

Art. 950

Tipo / Type **3**


Tipo / Type 3		3x160	3x210	3x260	3x310	3x360
Art. 650A	Cod.	7.65.0A3160	7.65.0A3210	7.65.0A3260	7.65.0A3260	7.65.0A3360
Corpo base - Base body						
Art. 950B	Cod.	7.95.0B3000				
Ganascia integrale destra Solid jaw right hand						
Art. 950C	Cod.	7.95.0C3000				
Ganascia integrale sinistra Solid jaw left hand						
Art. 650D	Cod.	7.65.0D3160	7.65.0D3210	7.65.0D3260	7.65.0D3310	7.65.0D3360
Vite di bloccaggio - Main screw						
Art.650D TiCN (Optional)	Cod.	7.65.0D3160 -TCN	7.65.0D3210 -TCN	7.65.0D3260 -TCN	7.65.0D3310 -TCN	7.65.0D3360 -TCN
Vite di bloccaggio a scorrimento rapido con rivestimento anti-usura TiCN Quick-slide clamping screw with anti-wear coating TiCN						
Art. 650E	Cod.	7.65.0E3000				
Forcella - Yoke						
Art. 950D	Cod.	7.95.0D3000				
Ganascia lavorabile in acciaio Machineable steel jaw						
Tipo / Type		1		2		
Art. 64 (Optional)	Cod.	9.64.10000			9.64.20000	
Rialzo doppio con Zero Point Double riser with Zero Point						
Non utilizzabile con morse tipo 3x160 - Impossible to use with vises type 3x160						
Piastra ZeroPoint, montaggio incassato - ZeroPoint Plates, built-in mounting						
Art. 81P (Optional)		Acciaio Steel			Alluminio Aluminum	
Piastra di interfaccia Zero Point per morse CompactGrip tipo 3						
Zero Point connecting plate for CompactGrip vise Type 3		Cod.	9.81.P2040S2		9.81.P2040A2	
Non utilizzabile con morse tipo 3x160 / 3x210 - Impossible to use with vises type 3x160 / 3x210						

INSERTI GANASCE MOBILI PER ART. 650

INSERT MOBILE JAWS FOR Art.650

Tipo (grandezza) / Type (size)		1	2	3
	Art. 650S			
	LISCIA + RUVIDA SMOOTH + ROUGH Per materiali teneri e lavorazioni finali For soft material clamping and final machining	Cod. 7.65.0S1000	7.65.0S2000	7.65.0S3000
	Art. 650R			
	*CODA DI RONDINE DOVE TAIL Miglior presa pezzo Best workpiece clamping	Cod. 7.65.0R1000	7.65.0R2000	7.65.0R3000
	Art. 650T G01			
	GRIP (Passo - Pitch 1,5mm) Per materiali di durezza normale For standard workpieces hardness clamping	Cod. 7.65.0T1000/G01	7.65.0T2000/G01	7.65.0T3000/G01
	Art. 650T G02			
	GRIP (Passo - Pitch 2mm) Per materiali di notevole durezza For hardened workpieces clamping	Cod. 7.65.0T1000/G02	7.65.0T2000/G02	7.65.0T3000/G02
	Art. 650T G11			
	GRIP (Passo - Pitch 11mm) Per materiali teneri For soft material clamping	Cod. 7.65.0T1000/G11	7.65.0T2000/G11	7.65.0T3000/G11

INSERTI GANASCE FISSA CENTRALE PER Art. 650

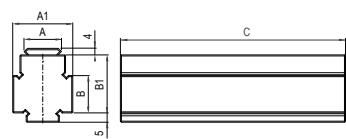
INSERT JAWS CENTRAL FIXED FOR Art. 650

Tipo (grandezza) / Type (size)		1	2	3
	Art. 650V			
	LISCIA - SMOOTH Materiali teneri e lavorazioni finali Soft material clamping and final machining	Cod. 7.65.0V1000	7.65.0V2000	7.65.0V3000
	Art. 650Y			
	RUVIDE - ROUGH Miglior presa pezzo Best workpiece clamping	Cod. 7.65.0Y1000	7.65.0Y2000	7.65.0Y3000
	Art. 650U G01			
	GRIP (Passo - Pitch 1,5mm) Per materiali di durezza normale For standard workpieces hardness clamping	Cod. 7.65.0U1000/G01	7.65.0U2000/G01	7.65.0U3000/G01
	Art. 650U G02			
	GRIP (Passo - Pitch 2mm) Per materiali di notevole durezza For hardened workpieces clamping	Cod. 7.65.0U1000/G02	7.65.0U2000/G02	7.65.0U3000/G02
	Art. 650U G11			
	GRIP (Passo - Pitch 11mm) Per materiali teneri For soft material clamping	Cod. 7.65.0U1000/G11	7.65.0U2000/G11	7.65.0U3000/G11
Art. 650F				
Piastra laterale per serraggio singolo (Viti Extra) Side plate for Single clamping (Screws not included)		Cod. 7.65.0F100	7.65.0F200	7.65.0F300

GANASCIA FISSA CENTRALE PER Art.650

CENTRAL FIXED JAW FOR Art.650

Tipo (grandezza) / Type (size)		1	2	3
Art. 650X	Ganascia fissa centrale Central fixed jaw	A	18	22
		A1	24	28
		B	8	13
		B1	20	23
		C	50	88
		Cod.	7.65.0X1000	7.65.0X2000



Un inserto per ganascia fissa centrale a scelta incluso (vedi tabella sotto)
One top jaw insert as you need included (see plate below)

In fase d'ordine specificare il tipo di inserto - In case of order always specify the type of insert

AZZERAMENTO AUTOCENTRANTE

SELF-CENTERING RESET

Nel caso in cui la morsa non sia perfettamente regolata per la FUNZIONE AUTOCENTRANTE procedere come segue:

- Allentare le viti della forcina (Fig.1)
- Applicare i tasselli di centraggio Art.297 nell'apposita sede posta nella parte superiore della base morsa
- Portare le due ganasce in battuta con i tasselli di centraggio (Fig.2)
- Stringere le viti della forcina per completare la registrazione dell'autocentrante

If the vise is not perfectly adjusted for the SELF-CENTERING FUNCTION, proceed as follows:

- loosen the fork screws (Fig.1)
- apply the centering key-nuts art.297 in the special seat on the upper part of the vice base
- bring the two jaws into contact with the centering key-nuts (Fig.2)
- tighten the fork screws to complete the setting of the self-centering function

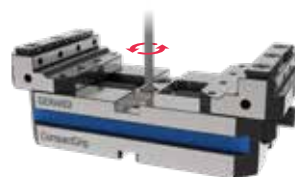


Fig. 1



Fig. 2

PIASTRINA FRONTALE PER GANASCE MOBILI Art. 650

FRONTAL JAW PLATE FOR MOBILE JAWS Art. 650

Tipo (grandezza) / Type (size)

1

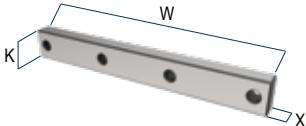
2

3




Art. 655L

Piastrina LISCIA
frontale con fori filettati M4
Frontal SMOOTH
jaw plate with threaded holes M4

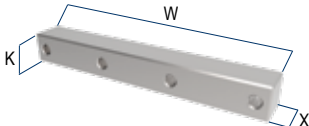


W	50	80	115
K	8	10	10
X	3,5	5,5	5,5
Cod.	7.65.5L1000	7.65.5L2000	7.65.5L3000




Art. 655M

Piastrina DOLCE
frontale con fori filettati M4
Frontal SOFT
jaw plate with threaded holes M4

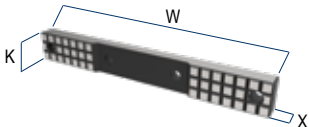


W	50	80	115
K	8	10	10
X	10	10,5	10,5
Cod.	7.65.5M1000	7.65.5M2000	7.65.5M3000




Art. 655N

Piastrina
ZIGRINATA frontale
Frontal SERRATED
jaw plate

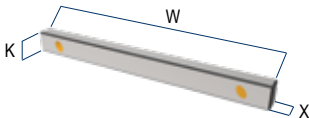


W	50	80	115
K	8	10	10
X	3,5	5,5	5,5
Cod.	7.65.5N1000	7.65.5N2000	7.65.5N3000




Art. 655P

Piastrina parallela
magnetica piana frontale
Frontal straight
parallel magnetic plate



W	50	80	115
K	5	7	7
X	3	5	5
Cod.	7.65.5P1000	7.65.5P2000	7.65.5P3000

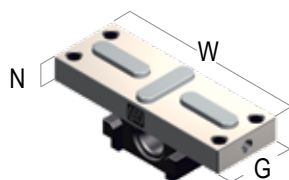
ACCESSORI PER MORSE COMPACT GRIP Art.950

Art.950 COMPACT GRIP VISES ACCESSORIES

Tipo (grandezza) / Type (size)	2	3
W	128	160
G	49	59
M	10 H7	14 H7
P	30	36
Q	23	36
Q1	110	142
R	40	50
S	Ø9	Ø11

Art. 950B

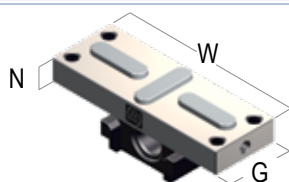
Slitta **DESTRA** con chiavette
 Solid hardened slide **RIGHT HAND**
 with positioning key nuts



N	15	20
Cod.	7.95.0B2000	7.95.0B3000

Art. 950C

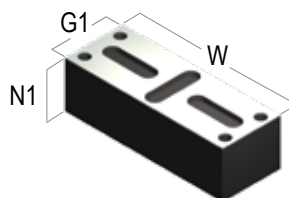
Slitta **SINISTRA** con chiavette
 Solid hardened slide **LEFT HAND**
 with positioning key nuts



N	15	20
Cod.	7.95.0C2000	7.95.0C3000

Art. 950D*

Ganascia lavorabile in acciaio
 Machineable steel jaw
G1= G+2 mm

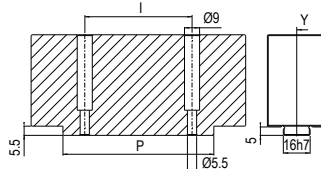
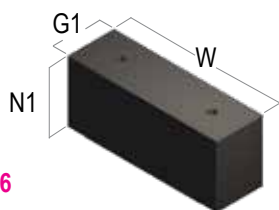


N1	30	47
Cod.	7.95.0D2000	7.95.0D3000

* Viti per fissaggio a richiesta €11
 Fixing screws on request €11

Art. 950X*

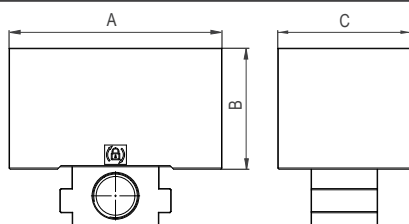
Ganascia fissa intermedia
 lavorabile in acciaio
 Intermediate machineable
 steel fixed jaw



W	128	160
G1	35	50
N1	55	67
I	64	90
P	90	124
Cod.	7.95.0X2000	7.95.0X3000

* Viti per fissaggio a richiesta €6
 Fixing screws on request €6

Tipo (grandezza) / Type (size)



	1	2	3
A	50	88	123
B	30	50	70
C	50	55	60

Art. 650BM

Ganascia lavorabile
 filetto destro
 Soft machineable jaw
 right thread



Cod. 7.65.0BM10 7.65.0BM20



7.65.0BM30

Specifiche per Art.650 Tipo1 - Specific for Art.650 type 1

Art. 650CM

Ganascia lavorabile
 filetto sinistro
 Soft machineable jaw
 left thread



Cod. 7.65.0CM10 7.65.0CM20



7.65.0CM30

Specifiche per Art.650 Tipo1 - Specific for Art.650 type 1

ACCESSORI PER MORSE COMPACT GRIP Art.650 / Art.950

Art.650 / Art.950 COMPACT GRIP VISES ACCESSORIES

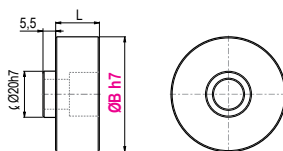
Tipo (grandezza) / Type (size)
1
2
3

Art. 370EM

 Arresto laterale magnetico
 Magnetic workstop

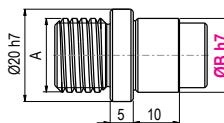

Cod. 7.37.01000/EM 7.37.02000/EM

Art. 640P

 Perno calibrato per centraggio
 Calibrated centering pin

 ØC h7 20
 ØB 30 - 38,1(1,5") - 50 - 50,8 (2")
 Cod. 7.64.0P100 7.64.0P200 7.64.0P300

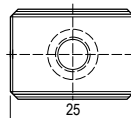
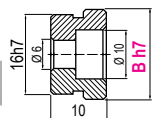
* Specificare sempre quota B & L - Specify always B & L dimensions

Art. 79

 Perno calibrato per centraggio e orientamento
 Calibrated centering and orientation pin


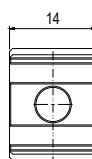
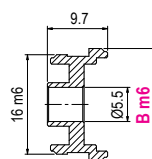
A	M10	M12	M16
ØC h7	14	14	20
ØB	10 - 12 - 14 - 16 - 18 - 20		
Cod.	7.79.14M10/ØB	7.79.14M12/ØB	7.79.20M16/ØB

Art. 297

 Coppia di tasselli per regolazione autocentrante
 con vite M5 x 10
 Pair of Self-centering key-nuts with M5 x 10 screw


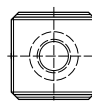
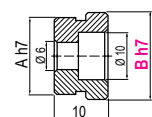
B	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 28 - 36
Cod.	2.29.71000/10 2.29.71000/16

Art. 297X

 Tassello a Gioco Zero per il
 posizionamento preciso
 di morse singole su zero point
 Key nut NO-GAP for accurate
 single vise positioning on zero point


B	12 - 14 - 16 - 18 - 20
Cod.	297X1612 / 14 / 16 / 18 / 20

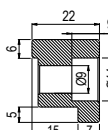
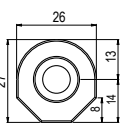
Art. 650G

 Tassello di posizionamento morsa completo di viti
 Key-nut for vise positioning with screws


Specificare sempre quota B - Specify always B dimension

A	10	16
B	10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 28 - 36	
Cod.	7.65.0G1000/B	7.65.0G2000/B

Art. 298 / CGR

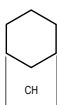
 Staffa per Compact Grip
 Compact Grip holding clamp


Cod. 7.29.81000/CGR

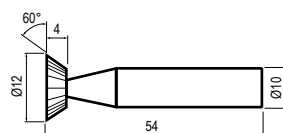
Tipo (grandezza) / Type (size)
1
2
3
Dimensioni / Dimension

CH	B	CH	B	CH	B
10	160	12	160	16	250
Cod.	4.37.510160	4.37.512160	4.37.516250		

Art.375

 Chiave a pipa
 Box wrench


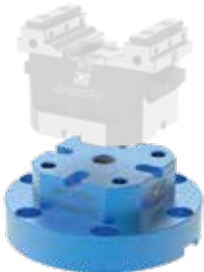
Art. 690DTF

 Utensile fresa per realizzare
 la base del particolare da serrare con
 inserti a coda di rondine Art.650R
 Milling tool for working the base
 of the workpiece to be clamped with
 dove tail inserts Art.650R


	Ø12
Cod.	7.69.0DTF10

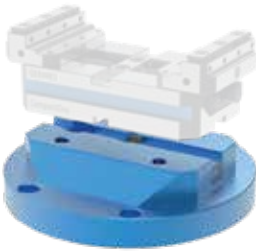
RIALZI IN ALLUMINIO PER MORSE COMPACT GRIP ART.650 / 950

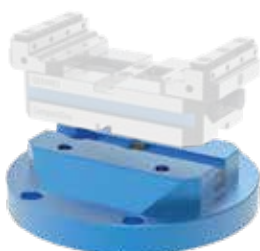
ALUMINUM RISERS FOR COMPACT GRIP VISES ART.650 / 950

Tipo (grandezza) rialzo Riser (type) size		1								
Art. 651H Tipo / Type 1 Rialzo semplice, compatibile con il sistema Zero Point  Simple riser Zero Point ready	A	80			120			160		
	B	80			80			80		
	* C	50	75	100	50	75	100	50	75	100
	ØD	128			178			178		
	E	-			150			150		
	L	52			52			52		
	M	52			52			52		
	ØJ	110			150			150		
	K	10			10			10		
	K1	-			16			16		
	kg	1,08	1,41	1,75	2,09	2,63	3,17	2,40	3,15	3,90
	Cod.	7.65.1H1080 /050	7.65.1H1080 /075	7.65.1H1080 /100	7.65.1H1120 /050	7.65.1H1120 /075	7.65.1H1120 /100	7.65.1H1160 /050	7.65.1H1160 /075	7.65.1H1160 /100

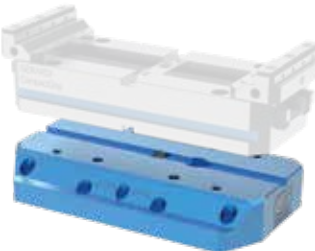

 Simple riser
Zero Point ready

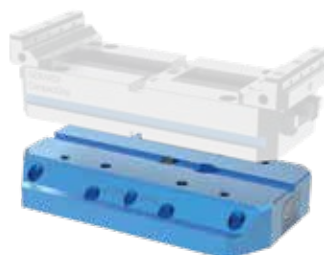
 ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNMENT RISER: **Kit Not Included**

Tipo (grandezza) rialzo Riser (type) size		2											
Art. 651H Tipo / Type 2 Rialzo semplice, compatibile con il sistema Zero Point 	A	120			160			200			240		
	B	90			90			90			90		
	* C	50	75	100	50	75	100	50	75	100	50	75	100
	ØD	210			210			210			249		
	E	-			150			150			200		
	L	65			65			65			65		
	M	90			90			90			150		
	ØJ	185			185			185			185		
	kg	3,07	3,71	4,32	3,09	3,90	4,73	3,38	4,45	5,52	4,13	5,45	6,75
	Cod.	7.65.1H2120 /050	7.65.1H2120 /075	7.65.1H2120 /100	7.65.1H2160 /050	7.65.1H2160 /075	7.65.1H2160 /100	7.65.1H2200 /050	7.65.1H2200 /075	7.65.1H2200 /100	7.65.1H2240 /050	7.65.1H2240 /075	7.65.1H2240 /100
	Simple riser Zero Point ready												


 Simple riser
Zero Point ready

 ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNMENT RISER: **Kit Not Included**

Tipo (grandezza) rialzo Riser (type) size		3																		
Art. 651H Tipo / Type 3 Rialzo semplice, compatibile con il sistema Zero Point 	A	160				210				260				310				360		
	B	125				125				125				125				125		
	* C	50	75	100	50	75	100	50	75	100	50	75	100	50	75	100				
	ØD	240				240				332				327				373		
	E	150				150				150				150				200		
	E1	-				-				200				200				250		
	L	96				96				96				96				96		
	L1	-				-				-				100				100		
	M	96				96				96				96				96		
	M1	-				-				-				200				250		
	ØJ	185				185				185				185				185		
	ØJ1	-				-				290				290				290		
	kg	3,34	4,49	5,68	3,85	5,40	6,99	5,73	7,69	9,69	6,14	8,50	10,91	7,02	9,80	12,62				
	Cod.	7.65.1H3160 /050	7.65.1H3160 /075	7.65.1H3160 /100	7.65.1H3210 /050	7.65.1H3210 /075	7.65.1H3210 /100	7.65.1H3260 /050	7.65.1H3260 /075	7.65.1H3260 /100	7.65.1H3310 /050	7.65.1H3310 /075	7.65.1H3310 /100	7.65.1H3360 /050	7.65.1H3360 /075	7.65.1H3360 /100				
	Simple riser Zero Point ready																			


 Simple riser
Zero Point ready

 ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNMENT RISER: **Kit Not Included**

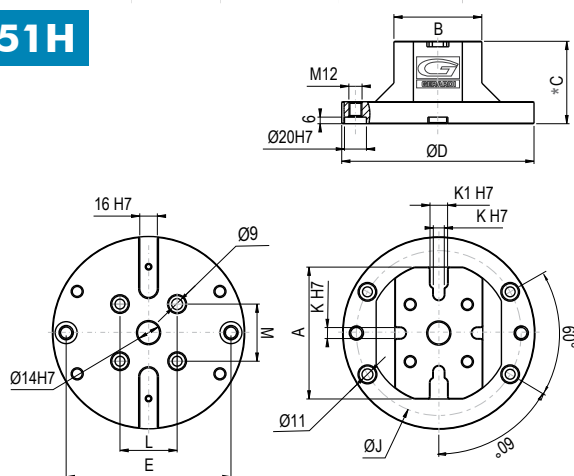
PIASTRE di INTERFACCIA

INTERFACE PLATES

Tipo (grandezza)
Riser (type) size

1

Art. 651H

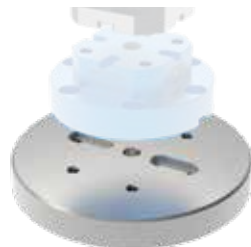


Tipo (grandezza)
Riser (type) size

1

Art. 62M

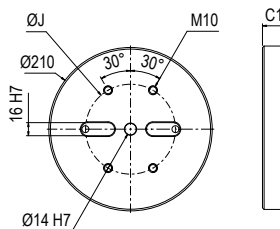
CompactGrip
Piastra di interfaccia lavorabile
Machineable interface plate



ØJ	110	150	150
C1	28		

Cod. 7.62.M651H21...
.../108 .../112 .../116

Personalizzazione non inclusa - Customization not included

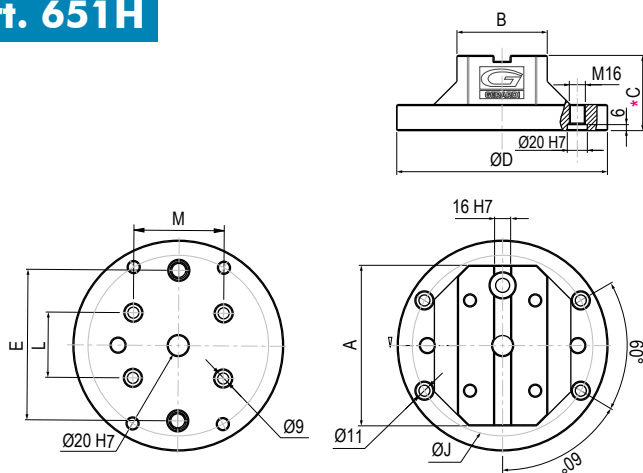


Kit di fissaggio al rialzo incluso / Riser fixing and positioning kit included

Tipo (grandezza)
Riser (type) size

2

Art. 651H

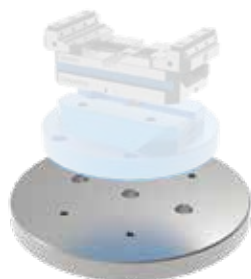


Tipo (grandezza)
Riser (type) size

2

Art. 62M

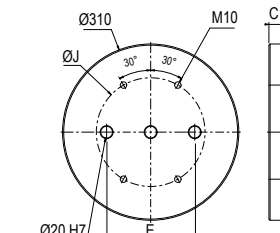
CompactGrip
Piastra di interfaccia lavorabile
Machineable interface plate



ØJ	185		
C1	28		
E	-	150	200

Cod. 7.62.M651H31/
.../212 .../216 .../220 .../224

Personalizzazione non inclusa - Customization not included

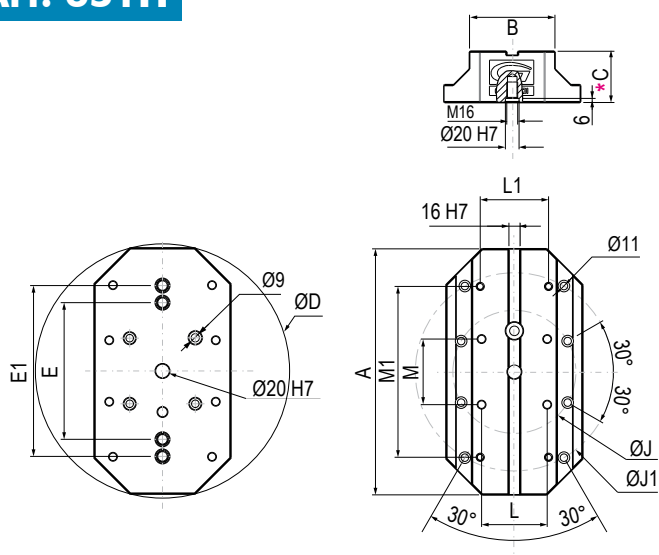


Kit di fissaggio al rialzo incluso / Riser fixing and positioning kit included

Tipo (grandezza)
Riser (type) size

3

Art. 651H

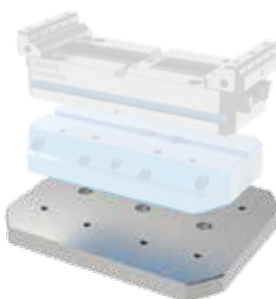


Tipo (grandezza)
Riser (type) size

3

Art. 62M

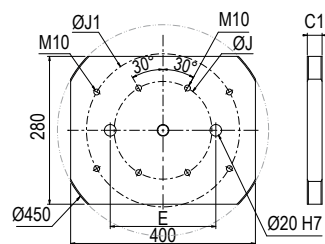
CompactGrip
Piastra di interfaccia lavorabile
Machineable interface plate



ØJ	185		
C1	28		
J1	-	-	290
E	150	150	200

Cod. 7.62.M651H45/
.../316 .../321 .../326 .../331 .../336

Personalizzazione non inclusa - Customization not included



Kit di fissaggio al rialzo incluso / Riser fixing and positioning kit included

A Modular Positioning Clamping System

QUICK CHANGE PLATES



Precisione / Accuracy
±0,02mm



Durezza / Hardened
HRC 55±2

Sostituisci rapidamente l'attrezzatura per un Flusso di lavoro Continuo

Rapid Equipment Replacement for Seamless Workflow

Caratteristiche e Vantaggi: Features and Advantages:

- ✓ RAPIDITÀ DI ATTREZZAMENTO MACCHINA
- ✓ ABBATTIMENTO DEI TEMPI MORTI
- ✓ MODULARITÀ E VERSATILITÀ
- ✓ ESTREMAMENTE LEGGERE
- ✓ PER QUALUNQUE CENTRO DI LAVORO
- ✓ INCREMENTO DELLA PRODUZIONE
- ✓ DISPONIBILI CON DOPPIO INTERASSE
- ✓ INFINITE COMBINAZIONI POSSIBILI
- ✓ DESIGN COMPATTO E MANEGGEVOLEZZA
- ✓ RIALZI COMPATIBILI
- ✓ QUICK MACHINE SET-UP
- ✓ REDUCTION OF DOWNTIME
- ✓ MODULARITY AND VERSATILITY
- ✓ INCREDIBLY LIGHT
- ✓ FOR ANY TYPE OF MACHINE CENTER
- ✓ PRODUCTION INCREASING
- ✓ AVAILABLE WITH DOUBLE PITCHES
- ✓ INFINITE POSSIBLE COMBINATIONS
- ✓ COMPACT DESIGN HANDLING
- ✓ COMPATIBLE RISERS



ROUNDLOCK SYSTEM

Bloccare pezzi tondi non è mai stato così semplice!

Clamping round pieces has never been easier!

Il sistema di serraggio RoundLock è progettato per semplificare la tecnica di presa di componenti di diametro compreso tra 6 e 34. Grazie al suo design ergonomico permette di ottenere il massimo della accessibilità durante le operazioni di fresatura. Utilizzando comuni pinze ER50 che possono essere sostituite con pinze ad alta precisione per massimizzarne le prestazioni. È dotato di passaggio barra per poter lavorare i componenti in serie e l'interfaccia per sistema Zero Point e Quick Change, unita alla sua leggerezza, lo rende l'ideale per incrementare l'efficienza attraverso la sua installazione manuale o tramite robot.

The RoundLock clamping system is designed to simplify the clamping technique of components between 6 and 34 in diameter. Thanks to its ergonomic design it allows to obtain maximum accessibility during milling operations and uses common ER50 collets that can be substituted with high-precision collets to maximize its performance. It is equipped with a bar passage to be able to work the components in series and the interface for Zero Point and Quick Change system combined with its lightness makes it the ideal tool to increase efficiency through its manual installation or via robot.

Il Tempo è Denaro Time is Money



Mentre la prima morsa sta operando montata sul centro di lavoro, hai tutto il tempo necessario per preparare la seconda, pronta da fare entrare in azione appena la prima avrà terminato il suo compito, garantendo una produzione

While the first vise is in operation mounted on the workstation, you have all the necessary time to prepare the second one, ready to come into action as soon as the first one completes its task, ensuring uninterrupted production.

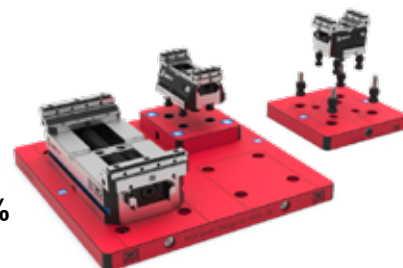
Rapidità e Leggerezza Speed and Lightness



La ridotta dimensione e la compattezza del Sistema Modulare a Cambio Rapido consentono di equipaggiare la macchina con Morse di dimensioni ridotte e di effettuare sostituzioni dell'attrezzatura con carichi e pesi estremamente leggeri.

The small size and compactness of the Modular Quick Change System allows the machine to be equipped with smaller vises and make equipment changes with extremely light loads and weights.

Modulari al 100% 100% Modular

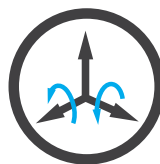


Le Modularità delle Piastre a Cambio Rapido offre la possibilità di adattare la configurazione della tua tavola macchina secondo le tue esigenze!

The modularity of Quick-Change Plates allows you to adapt the configuration of your machine table according to your needs!

Le Piastre a Cambio Rapido sono un sistema meccanico per il rapido posizionamento e bloccaggio di attrezzature e per il serraggio di particolari che si distingue per la sua vasta gamma di varianti, offrendo una soluzione adatta a ogni tipo di macchina utensile. Sia che si tratti di forme rotonde, rettangolari o quadrate, per il bloccaggio singolo o multiplo, questo sistema può essere utilizzato in modo universale su centri di lavoro verticali e orizzontali, su tavole a 3 e 5 assi e può essere integrato e ampliato secondo le necessità. Questo semplice sistema modulare è caratterizzato da un numero ridotto di particolari garantendo una lunga durata e pochissima manutenzione.

The Quick-Change Plates are a mechanical system for the rapid positioning and clamping of fixtures for securing workpieces that stands out for its wide range of variations, offering a solution suitable for every type of machine tool. Whether it's round, rectangular, or square shapes, for single or multiple clamping, this system can be universally used on vertical and horizontal machining centers, on 3-axis and 5-axis plates, and can be integrated and expanded according to needs. This simple modular system is characterized by a reduced number of components, ensuring long-lasting durability and minimal maintenance.



SCAN IT TO WATCH THE



VIDEO PRESENTATION



*Accellera la produzione
ed Abbatti i Tempi Morti*

*Reduce downtime and
Accelerate your production*

Art. 650

CompactGrip

Le più compatte
The most compact

Art. 662D

Con Doppio Interasse
With Double Pitch

Art. 662S

Piastra a Cambio Rapido Multipla
Multiple Quick Change Plate

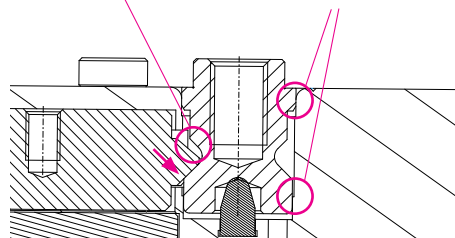
Perni di Posizionamento
Positioning Pins

L'interasse dei perni di posizionamento per le Piastre a Cambio Rapido può essere da 52 e 96mm permettendo di avere un ingombro minimo dell'attrezzatura e di massimizzare lo spazio di lavoro del particolare.

The spacing of the positioning pins for Quick Change Plates can be 52 and 96mm allowing for minimal tooling space and maximizing the workspace of the part.

Forza di serraggio
in spinta verso il basso
Clamping force pushing
downward

Zona di contatto di 2 estremi
per la massima rigidità
Contact zone at both ends
for maximum rigidity



PIASTRE CAMBIO RAPIDO MECCANICHE RETTANGOLARI

MECHANICAL RECTANGULAR QUICK CHANGE PLATES

Per Morse Tipo - For Vises Type
INTERASSE - PITCH

Art. 660

INTERASSE SINGOLO SINGLE PITCH

Piastra cambio rapido rettangolare ad interasse 52 o 96 con chiavette e fori calibrati

Rectangular Quick Change table with 52 or 96 interaxis with keyways and calibrated holes



	1 - 2	3
	52	96
A	100	150
B	50	50
B1	-	100
C	27	27
D	116	156
E	150	190
F	52	96
L	Ø12 h7	Ø16 h7
L1	M8	M10
kg	3	5,2
Cod.	9.66.05200	9.66.09600

Per Morse Tipo - For Vises Type
INTERASSE - PITCH

Art.660S*

DOLCE LAVORABILE SOFT MACHINABLE

Piastra cambio rapido rettangolare lavorabile ad interasse 52 o 96

Rectangular machinable Quick Change table with 52 or 96 interaxis



	1 - 2	3
	52	96
C	27	27
D	126	156
E	150	190
F	52	96
L	Ø12h7	Ø16h7
L1	M8	M10
kg	-	-
Cod.	9.66.0S520	9.66.0S960

Personalizzazione esclusa - Customization not included

Per Morse Tipo - For Vises Type
INTERASSE - PITCH

Art. 660R

RIDUZIONE REDUCTION

Piastra cambio rapido rettangolare di riduzione da interasse 96 a 52

Rectangular reduction Quick Change from 96 to 52 interaxis



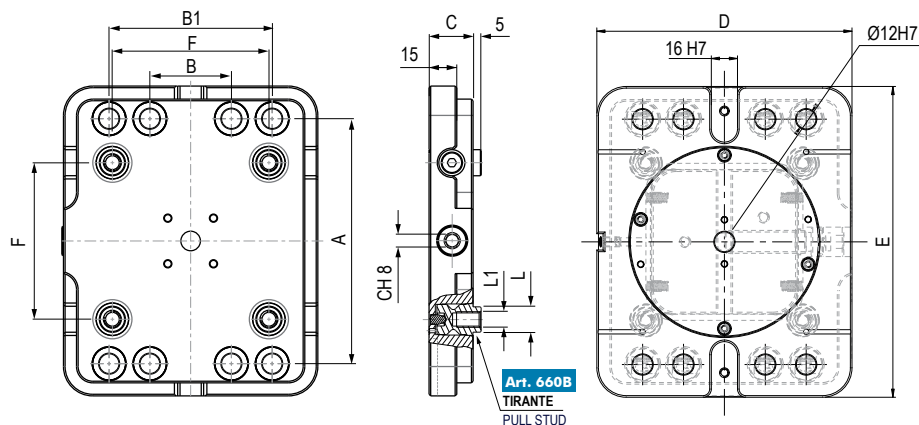
	1 - 2 - 3
	52
B	96
C	27
D	126
E	150
F	52
L	Ø12h7
L1	M8
kg	3,75
Cod.	9.66.0R210

PIASTRE CAMBIO RAPIDO MECCANICHE RETTANGOLARI

MECHANICAL RECTANGULAR QUICK CHANGE PLATES

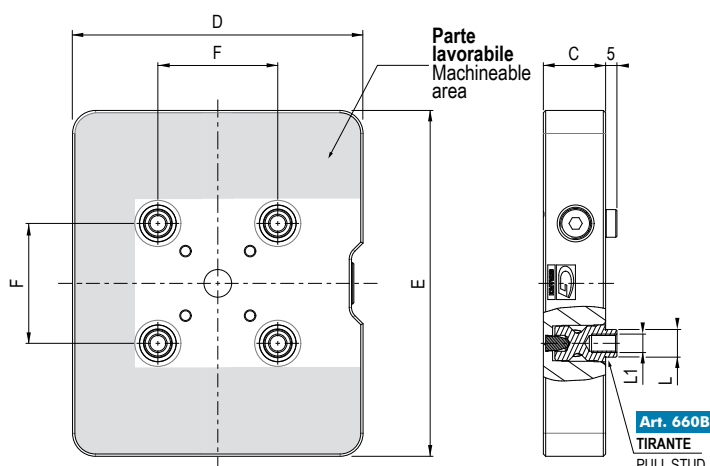
Art. 660

Dotazione standard - Standard equipment:
N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



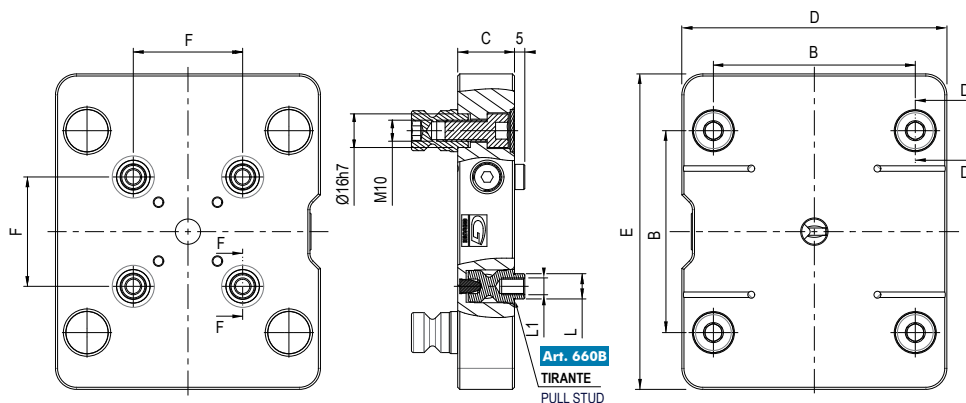
Art. 660S

Dotazione standard - Standard equipment:
N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



Art. 660R

Dotazione standard - Standard equipment:
N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



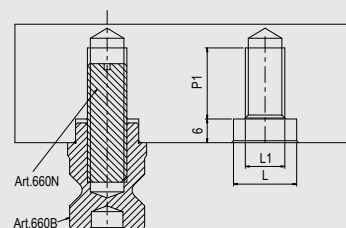
Art. 660B

Tiranti per piastra cambio rapido
Quick change table pull studs

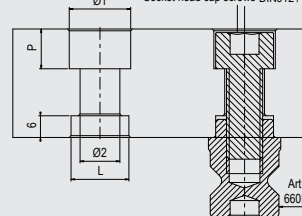


Tipo - Type 1

Tipo - Type 2



Vite testa cilindrica esagono incassato
Socket head cap screws DIN912 / ISO4762



Type	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Code	9.66.0B100	9.66.0B200



PIASTRE CAMBIO RAPIDO MECCANICHE

MECHANICAL QUICK CHANGE PLATES

NEW
2026

Per Morse Tipo - For Vises Type

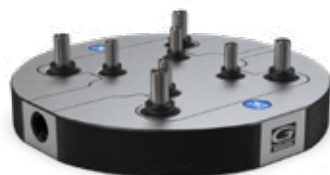
INTERASSE - PITCH
1 - 2 - 3
52 / 96
Art. 662D
DOPPIO INTERASSE
DOUBLE PITCH

 Piastra cambio rapido quadrata lavorabile a doppio interasse 52 e 96
 Square machinable Quick Change table with double interaxis 52 and 96


A	191,5
B	52
B1	96
C	27
D	122
E	132
F	Ø10 H7
G	150
kg	7,5
Cod.	9662D5296

Per Morse Tipo - For Vises Type

INTERASSE - PITCH
1 - 2
52
3
96
Art. 661D
DOPPIO INTERASSE
DOUBLE PITCH

 Piastra cambio rapido tonda lavorabile a doppio Interasse 52 e 96
 Round machinable Quick Change table with double interaxis 52 and 96


A	196
B	52
B1	96
C	27
D	122
E	132
F	Ø10 H7
G	150
H	191,5
kg	6
Cod.	9661D5296

Interasse - Interaxis

PASSAGGIO BARRA - BAR PASSAGE
52

Ø52

4 Azionamenti/4 Drives

96

Ø52

2 Azionamenti/2 Drives

96

Ø110

4 Azionamenti/4 Drives

Art. 661SPB
PASSAGGIO BARRA
BAR PASSAGE

 Piastra cambio rapido tonda lavorabile con passaggio barra
 Round machinable Quick Change table with bar passage


A	Ø158	Ø196	Ø196
B	52	96	96
C	27	27	27
D	34	123	78
E	70	123	114
F	Ø10 H7	Ø10 H7	Ø10 H7
G	135	140	140
H	155	191,5	191,5
I	Ø52	Ø52	Ø110
Kg	3,6	5,6	4,3
Cod.	9661SPB52-52	9661SPB96	9661SPB96-110

PIASTRE CAMBIO RAPIDO MECCANICHE

MECHANICAL QUICK CHANGE PLATES

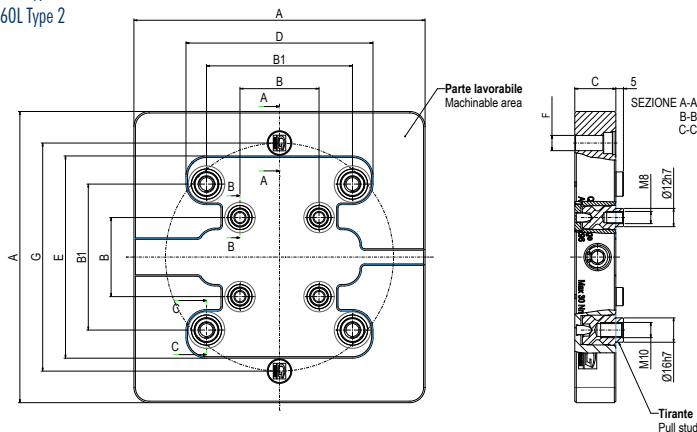
Art. 662D

Dotazione standard - Standard equipment:

N°8 Tiranti Art.660B (4x660BT1 + 4x660BT2) - # 8 Pull-studs Art.660B (4x660BT1 + 4x660BT2)

N°4 Tappi Art.660L Tipo 1 - # 4 Caps Art.660L Type 1

N°4 Tappi Art.660L Tipo 2 - # 4 Caps Art.660L Type 2



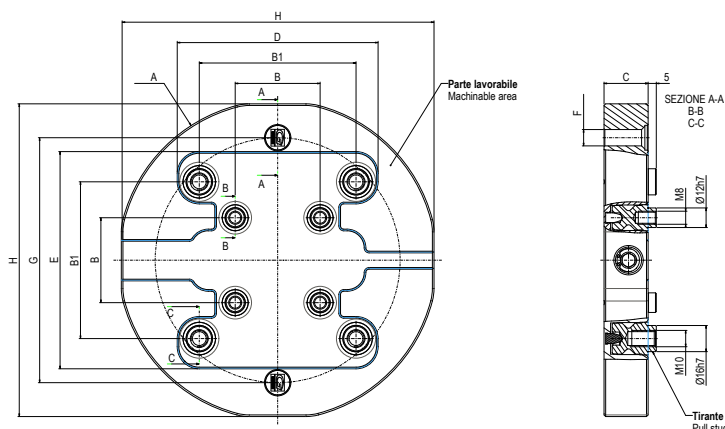
Art. 661D

Dotazione standard - Standard equipment:

N°8 Tiranti Art.660B (4x660BT1 + 4x660BT2) - # 8 Pull-studs Art.660B (4x660BT1 + 4x660BT2)

N°4 Tappi Art.660L Tipo 1 - # 4 Caps Art.660L Type 1

N°4 Tappi Art.660L Tipo 2 - # 4 Caps Art.660L Type 2



Art.661SPB

Dotazione standard - Standard equipment:

052-052

4 x Art.660B T1

2 x Art.C96 Ø18

1 x Art.C96PBQ Ø60

096-052

4 x Art.660B T2

2 x Art.C96 Ø18

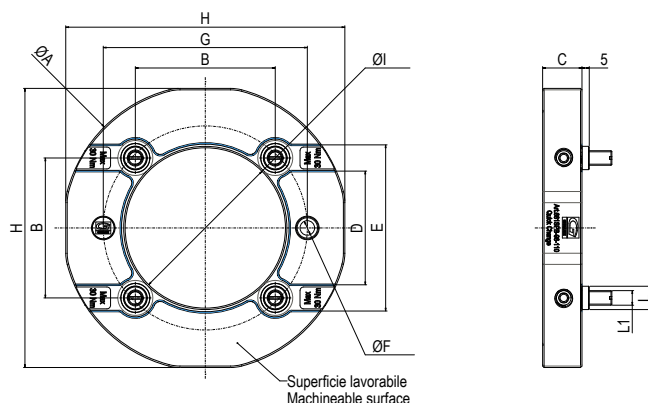
1 x Art.C96PBQ Ø50

096-0110

4 x Art.660B T2

2 x Art.C96 Ø18

1 x Art.C96PBQ Ø160



Art. 660B

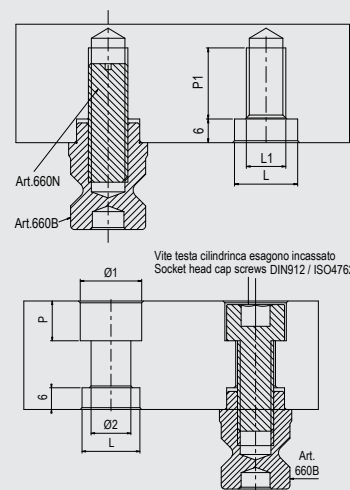
Tiranti per piastra cambio rapido

Quick change table pull studs



Tipo - Type 1

Tipo - Type 2



Type	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Code	9.66.0B100	9.66.0B200



PIASTRE CAMBIO RAPIDO MECCANICHE COMBINABILI

MECHANICAL JOINABLE QUICK CHANGE PLATES

NEW
2026
Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art. 662S
SINGOLA
SINGLE

 Piastra cambio rapido combinabile quadrata lavorabile singola ad interasse 96
 Square machinable single Quick Change table with 96 interaxis


	3
	96
A	191,5
B	96
C	27
D	122
E	122
F	Ø10 H7
G	160
kg	7,6
Cod.	9662S960

Personalizzazione esclusa - Customization not included

Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art.662S
DOPPIA
DOUBLE

 Piastra cambio rapido combinabile rettangolare lavorabile doppia ad interasse 96
 Rectangular machinable mixable double Quick Change table with 96 interaxis

 2 Azionamenti
 2 Drives

	3
	96
A	191,5
A1	383,5
B	96
C	27
D	125
E	67
F	Ø10 H7
G	352
kg	15
Cod.	9662S962

Personalizzazione esclusa - Customization not included

Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art. 662S
MULTIPLA
MULTIPLE

 Piastra cambio rapido combinabile quadrata lavorabile multipla ad interasse 96
 Square machinable mixable multiple Quick Change table with 96 interaxis

 4 Azionamenti
 4 Drives

A	383,5
B	96
C	27
D	125
E	67
E1	63,5
F	Ø10 H7
G	352
kg	30
Cod.	9662S964

Personalizzazione esclusa - Customization not included

PIASTRE CAMBIO RAPIDO MECCANICHE COMBINABILI

MECHANICAL JOINABLE MODULAR QUICK CHANGE PLATES

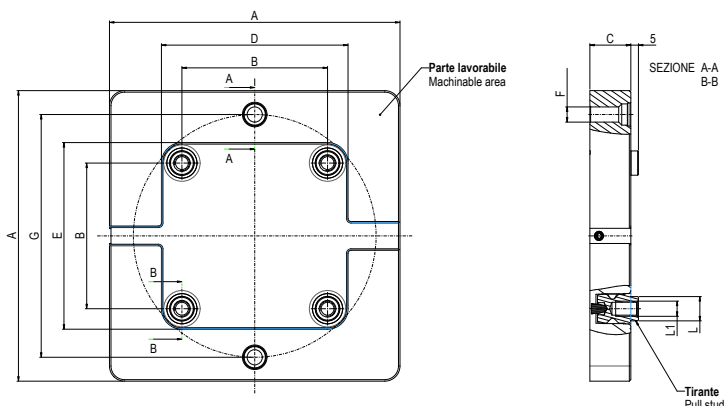
Art. 662S

SINGOLA
SINGLE

Dotazione standard - Standard equipment:

N°4 Tiranti Art.660B Tipo 2 - # 4 Pull-Studs Art.660B Type 2

N°4 Falsi Tiranti Art.6600 Tipo 2 - # 4 Fake Pull-Studs Art.6600 Type 2



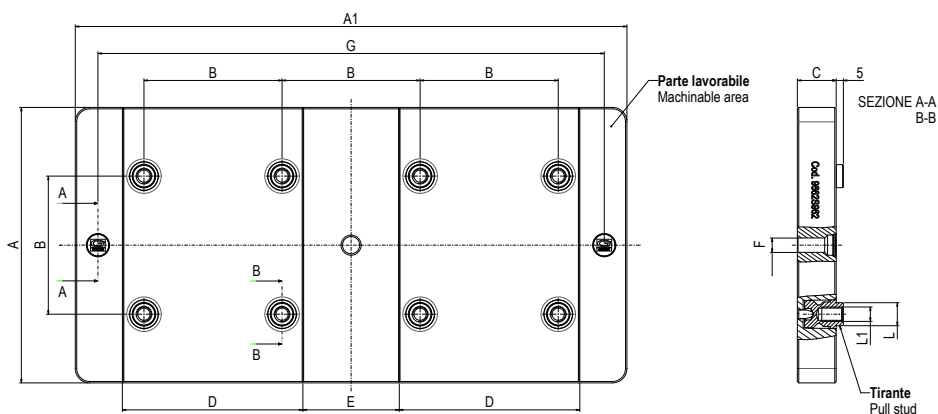
Art.662S

DOPPIA
DOUBLE

Dotazione standard - Standard equipment:

N°8 Tiranti Art.660B Tipo 2 - # 8 Pull-Studs Art.660B Type 2

N°8 Falsi Tiranti Art.6600 Tipo 2 - # 8 Fake Pull-Studs Art.6600 Type 2



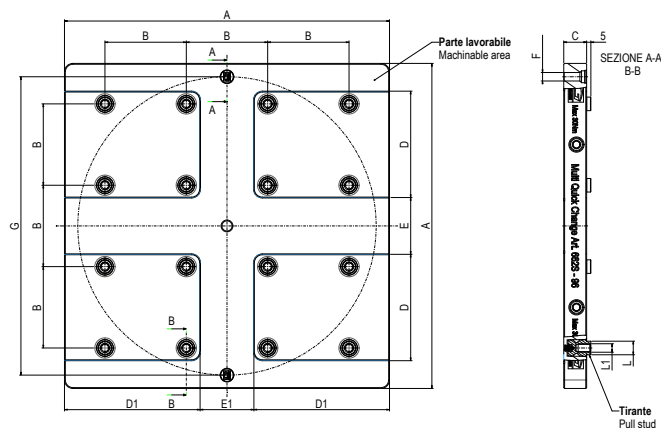
Art. 662S

MULTIPLA
MULTIPLE

Dotazione standard - Standard equipment:

N°16 Tiranti Art.660B Tipo 2 - # 16 Pull-Studs Art.660B Type 2

N°16 Falsi Tiranti Art.6600 Tipo 2 - # 16 Fake Pull-Studs Art.6600 Type 2



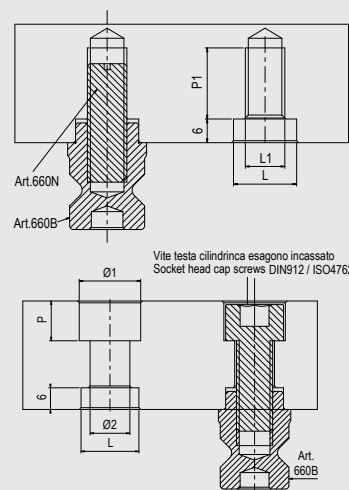
Art. 660B

Tiranti per piastra cambio rapido
Quick change table pull studs



Tipo - Type 1

Tipo - Type 2



Type	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Code	9.66.0B100	9.66.0B200



PIASTRE CAMBIO RAPIDO TONDE

ROUNDED QUICK CHANGE PLATES

Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art. 661
INTERASSE SINGOLO
SINGLE PITCH

Piastra cambio rapido tonda ad interasse 52 o 96 con chiavette e fori calibrati

Round Quick Change plate with 52 or 96 interaxis with key-ways and calibrated holes



	1 - 2	3
	52	96
ØA	158	196
ØB	120	175
C	27	27
F	52	96
L	Ø12h7	Ø16h7
L1	M8	M10
kg	3,4	5,6
Cod.	9.66.15200	9.66.19600

Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art. 661S
DOLCE LAVORABILE
SOFT MACHINABLE

Piastra cambio rapido tonda lavorabile ad interasse 52 o 96

Round machinable Quick Change plate with 52 or 96 interaxis



	1 - 2	3		
	52	96		
A	158	196	250	300
C	27	27	27	27
F	52	96	96	96
L	Ø12h7	Ø16h7	Ø16h7	Ø16h7
L1	M8	M10	M10	M10
kg	3,8	6,1	10	15
Cod.	9.66.1S520	9.66.1S960	9.66.1S960-250	9.66.1S960-300

Personalizzazione esclusa - Customization not included

Per Morse Tipo - For Vises Type
INTERASSE - PITCH
Art. 661R
RIDUZIONE DA 96 A 52
REDUCTION FROM 96 TO 52

Piastra cambio rapido tonda di riduzione da interasse 96 a 52

Round reduction Quick Change from 96 to 52 interaxis



	1 - 2 - 3
	52 - 96
ØA	158
B	96
C	27
F	52
L	Ø12h7
L1	M8
kg	3,75
Cod.	9.66.1R210

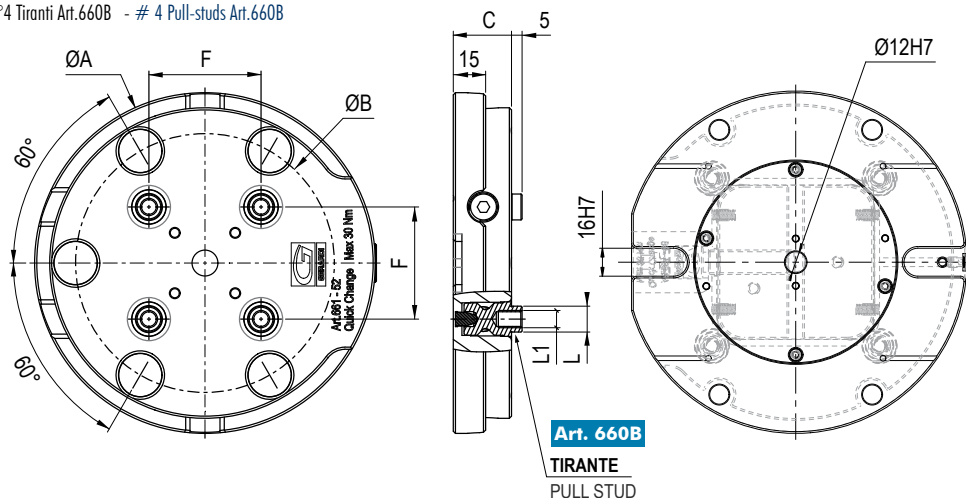
PIASTRE CAMBIO RAPIDO TONDE

ROUNDED QUICK CHANGE PLATES

Art. 661

Dotazione standard - Standard equipment:

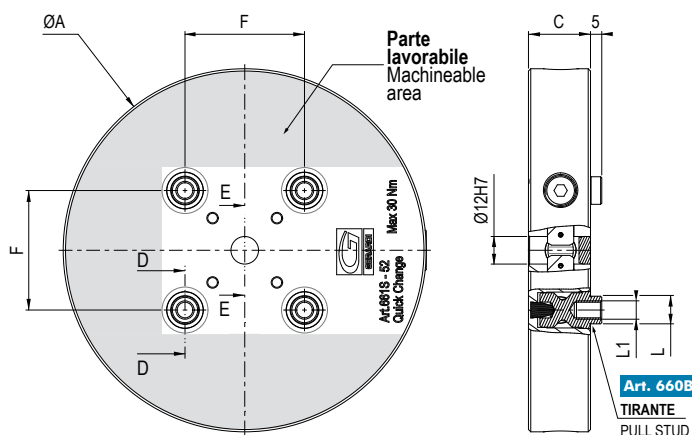
N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



Art. 661S

Dotazione standard - Standard equipment:

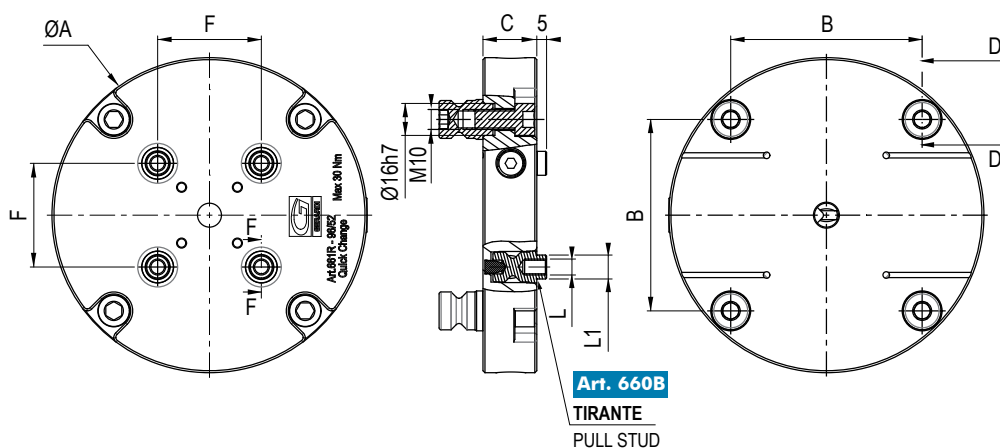
N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



Art. 661R

Dotazione standard - Standard equipment:

N°4 Tiranti Art.660B - # 4 Pull-studs Art.660B



Art. 660B

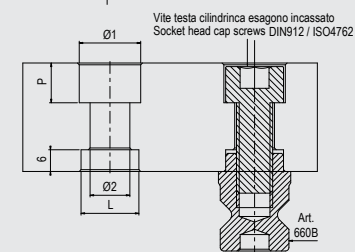
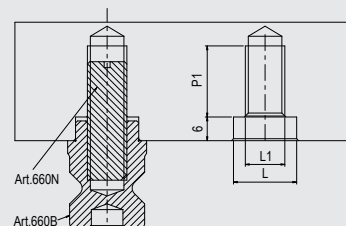
Tiranti per piastra cambio rapido

Quick change table pull studs



Tipo - Type 1

Tipo - Type 2



Vite testa cilindrica esagono incassato
Socket head cap screws DIN912 / ISO4762

Type	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Code	9.66.0B100	9.66.0B200



SISTEMA DI SERRAGGIO ROUNDLOCK

ROUNDLOCK CLAMPING SYSTEM

NEW
2026

Tipo - Type INTERASSE - PITCH		52	96
Art.740PB PASSAGGIO BARRA PER QUICK CHANGE BAR PASSAGE QUICK CHANGE READY Sistema di serraggio RoundLock con passaggio barra con tiranti per piastra cambio rapido interasse 52 o 96 RoundLock clamping system with bar passage with pull-studs for Quick Change table 52 or 96 interaxes Utilizzo ideale in accoppiata con Art.661SPB Ideal usage in combination with Art.661SPB	A	120	
	B	52	
	B1	96	
	C	33	
	ØD	Ø35	
	E	72	
	F	72	
	G	Ø9 (per vite / for screw M8)	
	H	16 H7	
	I	Ø78	
	J	114	
	K	ER50 Ø6 - Ø34	
	kg	3,2	
Cod.		7740QC52PB	7740QC96PB



Tipo - Type INTERASSE - PITCH		52	96
Art.740QC PER QUICK CHANGE QUICK CHANGE READY Sistema di serraggio RoundLock senza passaggio barra con tiranti per piastra cambio rapido interasse 52 o 96 RoundLock clamping system without bar passage with pull-studs for Quick Change plate 52 or 96 interaxes	A	120	
	B	52	
	B1	96	
	C	33	
	D	Ø20 H7	
	E	72	
	F	72	
	G	Ø9 (per vite / for screw M8)	
	H	16 H7	
	I	Ø78	
	J	114	
	K	ER50 Ø6 - Ø34	
	kg	3,3	
Cod.		7740QC5200	7740QC9600



Tipo - Type INTERASSE - PITCH		
Art.740ZPS PER ZERO POINT ZERO POINT READY Sistema di serraggio RoundLock senza passaggio barra con tirante e tasselli per montaggio su unità Zero Point Singolo Art.665S Tipo 2 RoundLock clamping system without bar passage with pull-stud and key-nuts for set-up on Single Zero Point unit Art.665S Type 2	A	120
	B	52
	B1	96
	C	33
	E	72
	F	72
	G	Ø9 (per vite / for screw M8)
	H	16H7
	I	Ø78
	J	114
	K	ER50 - Ø6 - Ø34
	kg	3,3
Cod.		7740ZPS200

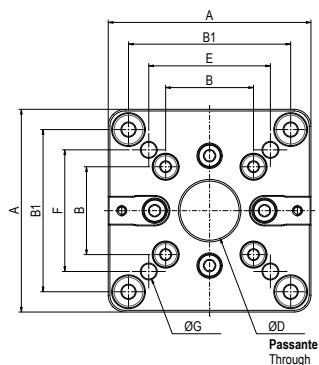


SISTEMA DI SERRAGGIO ROUNDLOCK

ROUNDLOCK CLAMPING SYSTEM

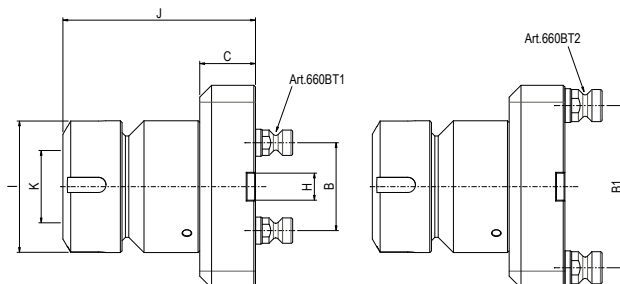
Art.740PB

PASSAGGIO BARRA BAR PASSAGE



7740QC52PB

7740QC96PB



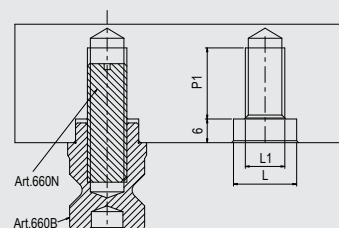
Art. 660B

Tiranti per piastra cambio rapido
Quick change table pull studs

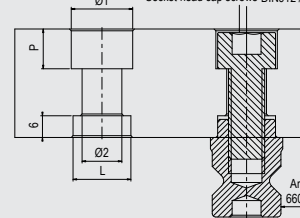


Tipo - Type 1

Tipo - Type 2

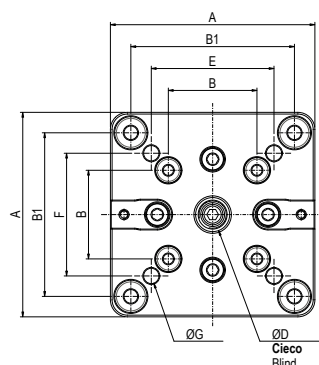


Vite testa cilindrica esagono incassato
Socket head cap screws DIN912 / ISO4762



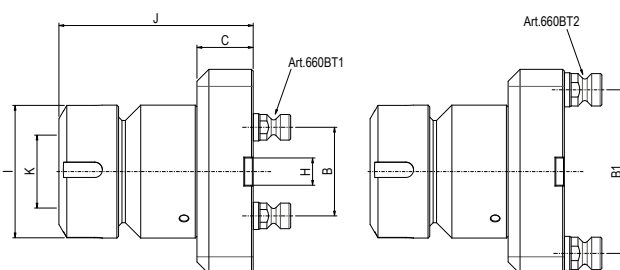
Art.740QC

PASSAGGIO BARRA BAR PASSAGE



7740QC5200

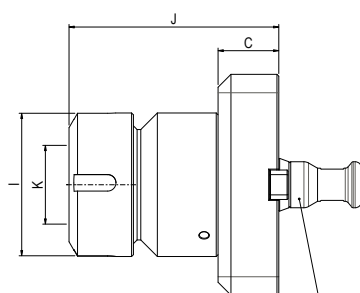
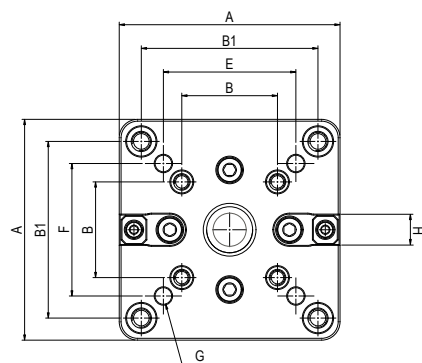
7740QC9600



Type	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Code	9.66.0B100	9.66.0B200

Art.740ZP

PER ZERO POINT ZERO POINT READY



Tirante ZeroPoint Art.11S T.2
ZeroPoint pull stud Art.11S T.2



RIALZI SEMPLICI IN ALLUMINIO PER PIASTRA A CAMBIO RAPIDO

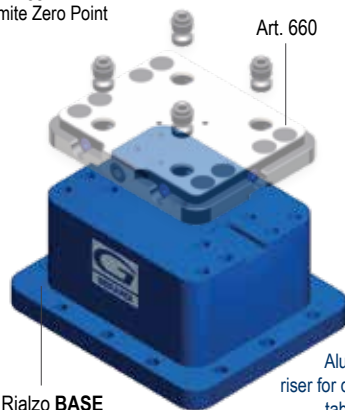
SIMPLE ALUMINUM RISERS for QUICK CHANGE TABLE

Per Morse Tipo - For Vises Type

INTERASSE - PITCH

Art. 661H

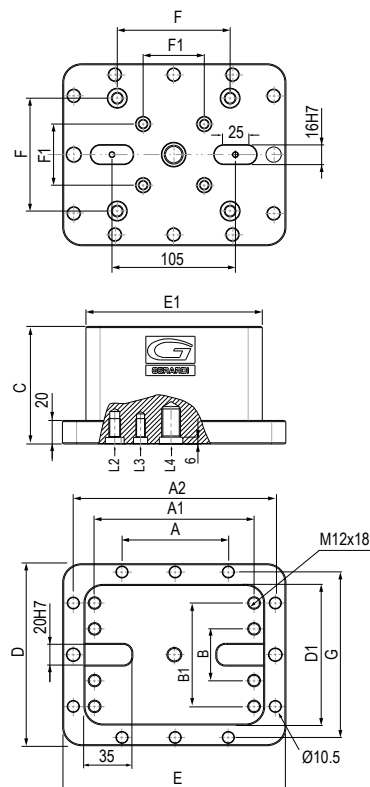
Rialzo base in alluminio per piastra cambio rapido, possibilità di montaggio con staffe o tramite Zero Point



Rialzo **BASE**
BASE riser
Art. 661H

Aluminum base riser for quick change table. Mounting possibility through vise holding clamps and Zero Point system

	1 - 2	3
	52	96
A	100	100
A1	-	150
A2	170	190
B	50	50
B1	-	100
C	100	100
D	156	176
D1	116	136
E	190	210
E1	150	170
F	96	96
F1	52	52
G	136	160
L2	Ø16 H7 / M10	Ø16 H7 / M10
L3	Ø12 H7 / M8	Ø12 H7 / M8
L4	Ø20 H7 / M16	Ø20 H7 / M16
kg	5	6,5
Cod.	9.66.1H520	9.66.1H960



ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNEMENT RISER: **Kit Not Included**

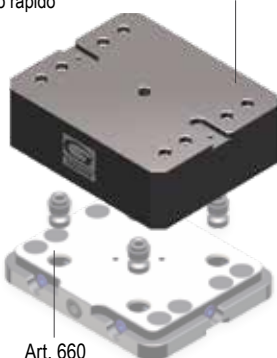
Per Morse Tipo - For Vises Type

INTERASSE - PITCH

Art. 661HQ

Rialzo semplice in alluminio per piastra cambio rapido

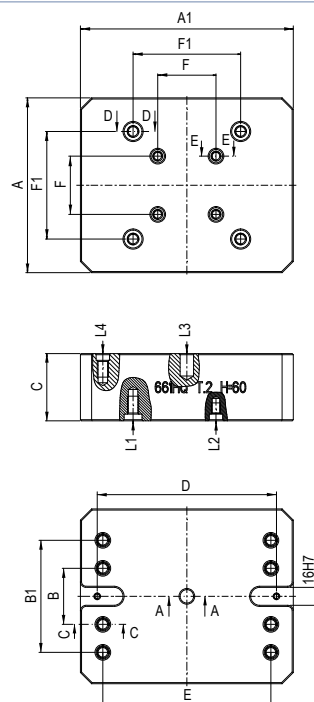
Rialzo **TOP**
TOP riser
Art. 661HQ



Art. 660

Simple aluminum riser for quick change table

	1 - 2	3
	52	96
A	116	156
A1	150	150
B	50	50
B1	-	100
C	60 100	60 100
D	120	160
E	100	150
F	52	-
F1	96	96
L1	Ø16 H7 / M10	Ø16 H7 / M10
L2	Ø12 H7 / M8	Ø12 H7 / M8
L3	Ø12 H7	Ø12 H7
L4	Ø12 H7 / M10	Ø12 H7 / M10
kg	-	-
Cod.	9.66.1HQ52/060 9.66.1HQ52/100	9.66.1HQ96/060 9.66.1HQ96/100



ALLINEAMENTO e FISSAGGIO RIALZO: **Kit Non Incluso** / FIXING AND ALIGNEMENT RISER: **Kit Not Included**

Tipo - Type

Art. 660B

Tiranti per piastra cambio rapido

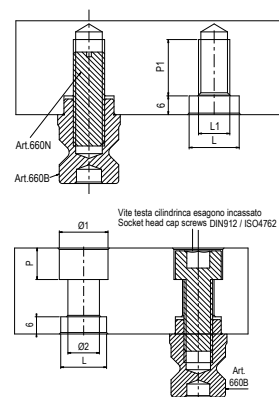


Tipo - Type 1

Tipo - Type 2

Quick change table pull studs

	1	2
L	Ø12 h7	Ø16 h7
L1	M8	M10
Ø1	14	17
Ø2	9	11
P	9	11
P1	12	18
Cod.	9.66.0B100	9.66.0B200



SUPPORTO PIRAMIDALE PER MULTITASKING & COMPACT GRIP

PYRAMIDAL SUPPORT FOR MULTITASKING & COMPACT GRIP

Tipo (grandezza) / Type (size)
PIANO INCLINATO - GRADE SIDE
1
30°
Ideali per Centri a 4 Assi
Ideal for 4th Axis Centres

Art. 643H

Supporto piramidale in alluminio a tripla posizione. Possibilità di montaggio tramite Zero Point e piastre a cambio rapido

Aluminum pyramidal support with 3 positions Mounting possibility through Zero Point system and quick change plates

Dotazione standard

- 1 Golfare
- 12 Staffe di ancoraggio Art.298 CGR
- 4 tiranti Art.660B T2

Standard equipment:

- 1 Eyebolt ■ 12 Vise holding clamps Art.298 CGR with M8 screws

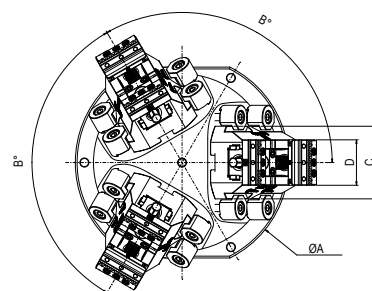
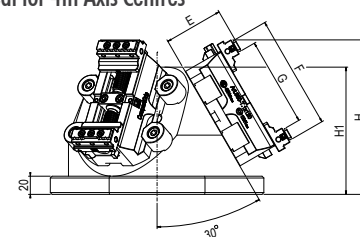


Multitasking

Compact Grip

Art.650 T.1x80/120

ØA	235
B	120°
C	80
D	50
E	65
F	120
G	94
H	170
H1	140
kg	6,8
Cod.	7.64.3H100


Tipo (grandezza) / Type (size)
PIANO INCLINATO - GRADE SIDE
2
45°

Art. 643H

Supporto piramidale in alluminio a tripla posizione. Possibilità di montaggio tramite Zero Point

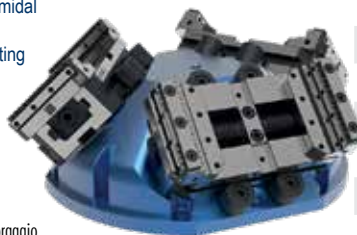
Aluminum pyramidal support with 3 positions Mounting possibility through Zero Point system

Dotazione standard

- 1 Golfare
- 12 Staffe di ancoraggio Art.298 CGR
- 1 Perno di centraggio ■ Coppia di tasselli Art.297

Standard equipment:

- 1 Eyebolt ■ 12 Vise holding clamps Art.298 CGR with M8 screws
- 1 Centering pin ■ Pair ok keynuts Art.287

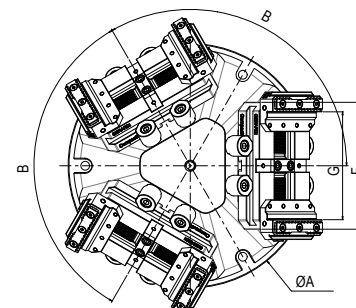
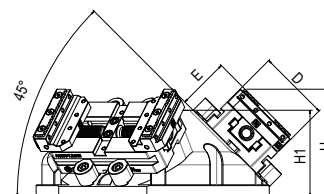


Multitasking

Compact Grip

Art.640 - T.1
Art.650 T.2x120/160/200 - Art.950 T.2x120/160/200

ØA	308
B	120°
C	-
D	90
E	65
F	160
G	136
H	135,5
H1	109
kg	11,9
Cod.	7.64.3H200


Tipo (grandezza) / Type (size)
PIANO INCLINATO - GRADE SIDE
3
45°

Art. 643H

Supporto piramidale in alluminio a tripla posizione. Possibilità di montaggio tramite Zero Point

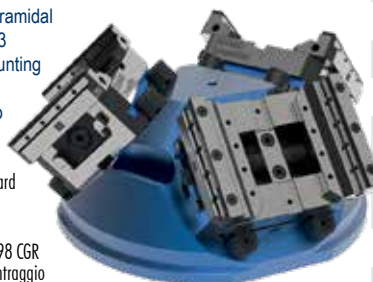
Aluminum pyramidal support with 3 positions Mounting possibility through Zero Point system

Dotazione standard

- 1 Golfare
- 12 Staffe di ancoraggio Art.298 CGR
- 1 Perno di centraggio
- Coppia di tasselli Art.297

Standard equipment:

- 1 Eyebolt ■ 12 Vise holding clamps Art.298 CGR with M8 screws
- 1 Centering pin ■ Pair ok keynuts Art.287

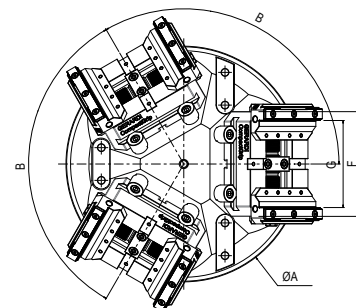
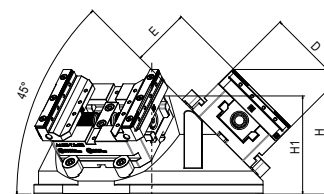


Multitasking

Compact Grip

Art.650 T.3x160/210 - Art.950 T.3x160/210

ØA	360
B	120°
C	-
D	125
E	89
F	160
G	133
H	190,5
H1	150
kg	20,8
Cod.	7.64.3H300



Disponibili altre configurazioni, angolazioni e dimensioni
Available also others arrangements, dimension and angles

N.B: Richiedere scheda tecnica per maggiori informazioni - Technical data sheet on request

PIASTRE BASE ZERO POINT TONDE

ZERO POINT ROUNDED HEAD PLATES

MONTAGGIO CON FLANGIA

Tipo (grandezza) Zero-Point
Zero-Point type (size)

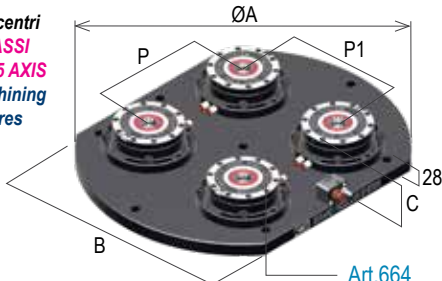
kN

2

up to 14 kN

Art. 72P

Per centri
a 5 ASSI
For 5 AXIS
machining
centres



Piastra tonda con Zero Point **Art. 664** montaggio con flangia
Round head plate with Zero Point **Art. 664** mounting with flange

	Hermle C600U		DMG DMU 50 Evo		Mazak Variax 500		Hermule C40U	
	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum
ØA	280		500		500		420	
B	-		380		400		-	
C	83		83		83		83	
P	-		200		200		200	
P1	-		200		200		200	
N° Zero Point	1		4		4		4	
kg	19	11	61	37	63	38	65	35
Cod.	9.72. P2800S1	9.72. P2800A1	9.72. P5038S4	9.72. P5038A4	9.72. P5040S4	9.72. P5040A4	9.72. P4200S4	9.72. P4200A4

Opzione apertura indipendente Zero Point / Zero point independent control option SOVRAPREZZO / EXTRA PRICE:

MONTAGGIO INCASSATO

Tipo (grandezza) Zero-Point
Zero-Point type (size)

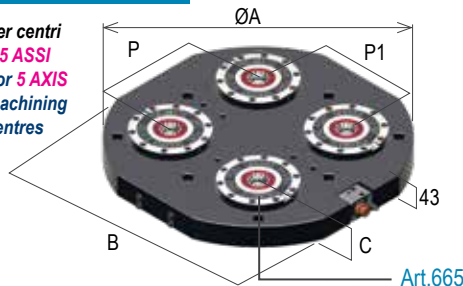
kN

2

up to 14 kN

Art. 82P

Per centri
a 5 ASSI
For 5 AXIS
machining
centres



Piastra tonda con Zero Point **Art. 665** montaggio incassato
Round head plate with Zero Point **Art. 665** built-in mounting

	Hermle C600U		DMG DMU 50 Evo		Mazak Variax 500		Hermule C40U	
	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum
ØA	280		500		500		420	
B	-		380		400		-	
C	58		58		58		58	
P	-		200 / 250		200 / 250		200	
P1	-		200		200 / 250		200	
N° Zero Point	1		4		4		4	
kg	30	17	67	29	69	31	56	26
Cod.	9.82. P2800S1	9.82. P2800A1	9.82. P5038S4	9.82. P5038A4	9.82. P5040S4	9.82. P5040A4	9.82. P4200S4	9.82. P4200A4

Opzione apertura indipendente Zero Point / Zero point independent control option SOVRAPREZZO / EXTRA PRICE:

PIASTRA BASE ROTONDA LISCIA E A RETICOLO - SQUARE SMOOTH AND GRID ROUNDED PLATES

Tipo (grandezza) Zero-Point
Zero-Point type (size)

kN

2

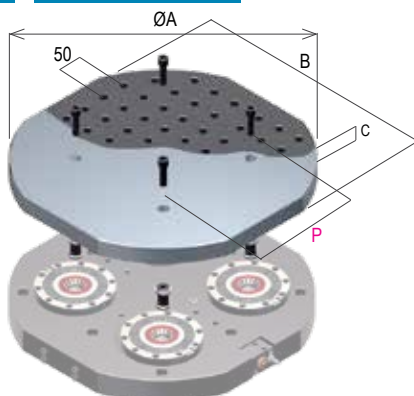
up to 14 kN

Art. 62iC

Art. 62iE

Piastra base tonda
liscia (Art. 62iC) o a
reticolo (Art. 62iE)
con tiranti femmina
Art. 10A - 10B per
cambio rapido
Zero Point

Smooth round
interfaced plate (Art. 62iC)
or grid (Art. 62iE) with
female pull-studs
Art. 10A - 10B
for ZERO POINT
quick change



	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum
ØA	400		500		630		800	
B	-		400		500		630	
C	38		38		38		38	
P	200		250		300		300	
kg	41	15	59	21	92	33	149	54
Art. 62iC Cod.	9.62. IC4032S4	9.62. IC4032A4	9.62. IC4050S4	9.62. IC4050A4	9.62. IC5063S4	9.62. IC5063A4	9.62. IC4080S4	9.62. IC4080A4
Art. 62iE Cod.	9.62. IE4032S4	9.62. IE4032A4	9.62. IE4050S4	9.62. IE4050A4	9.62. IE5063S4	9.62. IE5063A4	9.62. IE4080S4	9.62. IE4080A4

FLANGE MOUNTING
2
up to 14 kN

DMG DMU 50		Haas UMC 750		Mazak Variax 630		DMG DMU 70 Evo		DMG DMC 635V		DMG DMC 1035V		DMG DMU 80P	
Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum
630		630		630		700		790		1000		900	
500		500		500		500		560		560		630	
83		83		83		83		83		83		83	
200 / 250 / 300		200 / 250 / 300		200 / 250 / 300		200 / 300 / 400		200 / 250		200 / 300 / 350		200 / 250	
200 / 250 / 300		200 / 250 / 300		200 / 250 / 300		200 / 300		200 / 250 / 300		200 / 300 / 400		200 / 300 / 400	
4		4		4		4		6		8		6	
85	46	85	46	85	46	94	49	124	68	151	78	149	76
9.72. P6350S4	9.72. P6350A4	9.72. P6350S4	9.72. P6350A4	9.72. P6350S4	9.72. P6350A4	9.72. P7050S4	9.72. P7050A4	9.72. P7956S6	9.72. P7956A6	9.72. P1056S8	9.72. P1056A8	9.72. P9063S6	9.72.P9063A6

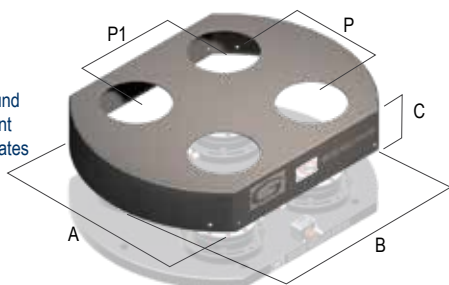
BUILT-IN MOUNTING
2
up to 14 kN

DMG DMU 50		Haas UMC 750		Mazak Variax 630		DMG DMU 70 Evo		DMG DMC 635V		DMG DMC 1035V		DMG DMU 80P	
Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum
630		630		630		700		790		1000		900	
500		500		500		500		560		560		630	
58		58		58		58		58		58		58	
200 / 250 / 300		200 / 250 / 300		200 / 250 / 300		200 / 300 / 400		200 / 250		200 / 250 / 350		200 / 250 / 300	
200 / 250 / 300		200 / 250 / 300		200 / 250 / 300		200 / 250 / 300		200 / 300 / 400		200 / 300 / 400		200 / 300 / 400	
4		4		4		4		6		8		6	
103	43	103	43	103	43	116	48	149	63	197	83	188	87
9.82.P6350S4	9.82. P6350A4	9.82. P6350S4	9.82. P6350A4	9.82. P6350S4	9.82. P6350A4	9.82. P7050S4	9.82. P7050A4	9.82. P7956S6	9.82. P7956A6	9.82. P1056S8	9.82. P1056A8	9.82. P9063S6	9.82.P9063A6

CARTER PER PIASTRE TONDE - ROUNDED PLATES COVER
Tipo (grandezza) Zero-Point
 Zero-Point type (size)

kN
2
up to 14
Art. 72CP

 Carter in acciaio INOX
 per piastre tonde
 interfacciate con
 Zero Point

 Stainless steel round
 cover for Zero Point
 interfaced head plates


	Steel	Steel	Steel	Steel
ØA	420	500	630	790
B	-	400	500	560
C	78	78	78	78
P	200	250	300	300
P1	200	250	300	300
kg			-	-

Cod. 9.72.CP42424 9.72.CP50404 9.72.CP63504 9.72.CP79566

	3 30 kN			4 30 kN				5 32 kN			6 32 kN		
A	444	544	644	316	416	516	616	396	496	596	596	696	796
B		137				171			186			246	
C		100				120			140			160	
D	600	700	800	500	600	700	800	600	700	800	800	900	1000
E	625	725	825	525	625	725	825	625	725	825	825	925	1025
F		237				291			326			406	
G		125				145			170			190	
H		98				128			138			180	
L		84				97			107			107	
J3		132				154			169			189	
J4		82				96			106			106	
X		57				64			66			86	
W		124				144			169			189	
kg		-				-			-			-	

Cod. 5.86.83600 5.86.83700 5.86.83800 5.86.84500 5.86.84600 5.86.84700 5.86.84800 5.86.85600 5.86.85700 5.86.85800 5.86.86800 5.86.86900 5.86.86100

Art. 868D

(Art. 868 + 802) Morsa + moltiplicatore di coppia / Vise + torque multiplier

Cod. 5.86.8D360 5.86.8D370 5.86.8D380 5.86.8D450 5.86.8D460 5.86.8D470 5.86.8D480 5.86.8D560 5.86.8D570 5.86.8D580 5.86.8D680 5.86.8D690 5.86.8D610

Art. 802

Moltiplicatore di coppia con rinvio angolare - Mechanical with torque multiplier with angular transmission

Cod. 5.80.23000 5.80.24000 5.80.25000 5.80.26000

Art. 868E

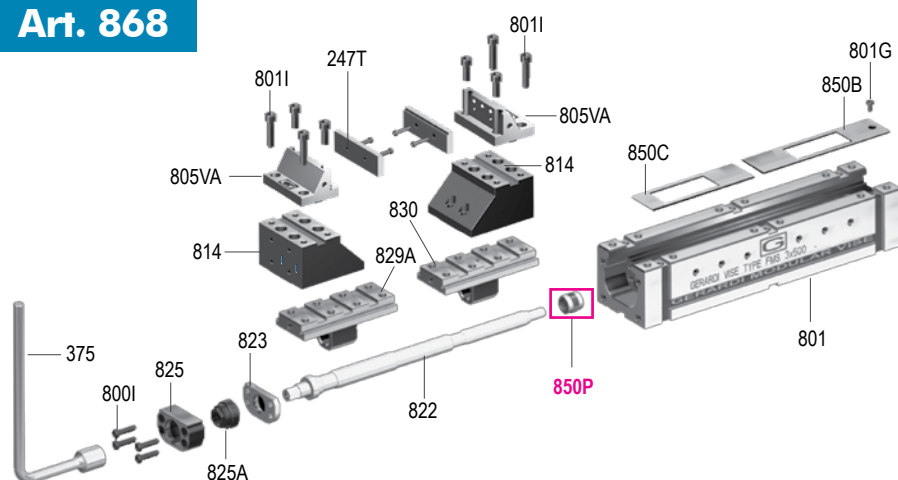
(Art. 868 + 890) Morsa + motore idraulico / Vise + hydraulic motor

Cod. 5.86.8E360 5.86.8E370 5.86.8E380 5.86.8E450 5.86.8E460 5.86.8E470 5.86.8E480 5.86.8E560 5.86.8E570 5.86.8E580 5.86.8E680 5.86.8E690 5.86.8E610

Art. 868F

(Art. 868 + 890 + 266B) Morsa + motore idraulico + centralina / Vise + hydraulic motor + power unit

Cod. 5.86.8F360 5.86.8F370 5.86.8F380 5.86.8F450 5.86.8F460 5.86.8F470 5.86.8F480 5.86.8F560 5.86.8F570 5.86.8F580 5.86.8F680 5.86.8F690 5.86.8F610

Art. 868


Art.	Pag.
375	4.35
800I	5.61
801	5.50
801G	5.61
801I	5.61
810J	5.56
822	5.53
823	5.59
825	5.59
825A	5.61
829A	5.52

Art.	Pag.
830	5.52
850B	5.61
850C	5.61
850P	5.72
814	5.56
805VA	5.35
247T	5.35
-	-
-	-
-	-

Tipo (grandezza) morsa / Vise type (size)
kN
4x270
kN 41
4x420
Art. 685

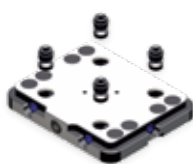
Morsa MaxiGrip - 3 Serraggi in 1
Autocentrante, doppia e singola

MaxiGrip vise - 3 clamping in 1
Self-Centering, Double and Single

A	200	344
A1	83	155
A2	104	248
A3	35	107
W	158	
E	270	420
kg	28,5	40
Cod.	76854270	76854420

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 660

Interasse / Type **96 mm**

Tavola Quick change
Quick change table


Ced. 9.66.09600

Vedi gamma completa - See the complete range Page 7.34 / 7.35

Art. 683K

Ganascia fissa centrale (viti incluse)
Intermedie fixed jaw (screws included)


Ced. 7683K400/G01

Art. 682K

Ganascia Mobile (inserti e viti incluse)
Movable Jaw (inserts and screws included)


Ced. 7682K400/G01

Art. 220

Inserto Grip
Top jaw insert


Ced. 4.22.01000/G01

Vedi gamma completa - See the complete range Page 4.17

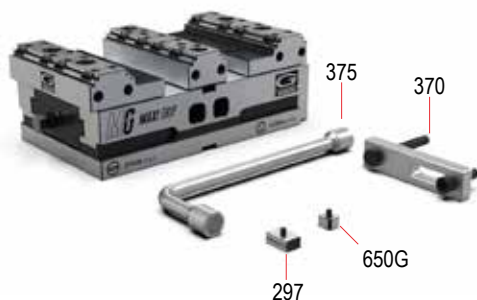
Art. 680U

Piatra laterale per serraggio singolo (viti extra)
Side plate for single clamping (screws not included)


Ced. 7680U4000

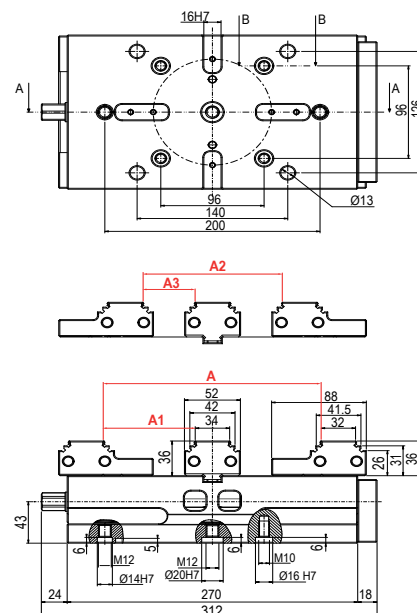
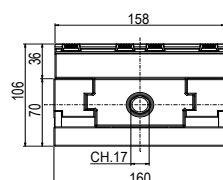
Dotazione standard:

- 1 chiave a pipa Art.375 CH.17 ■ 2 Arresti laterali Art.370 T.3
- 1 coppia di tasselli per regolazione autocentrante Art. 297
- 2 tasselli di posizionamento Art.650G cava a T 16mm
- 2 golfari



Standard equipment:

- 1 box wrench Art.375 CH.17 ■ 2 workstops Art.370 T.3
- 1 pair of self-centring key-nuts Art. 297
- 2 positioning key-nuts Art.650G T slot 16 mm
- 2 eyebolts



Tipo (grandezza) morsa / Vise type (size)
kN
4x270
kN 41
4x420
Art. 684

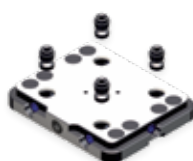
Morsa MaxiGrip
Solo Autocentrante

MaxiGrip vise
Only Self-centering

A	200	344
A1	-	-
A2	104	248
A3	-	-
W	158	
E	270	420
kg	25	36
Cod.	76844270	76844420

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !
Art. 660

Interasse / Type **96 mm**

Tavola Quick change
Quick change table


Ced. 9.66.09600

Vedi gamma completa - See the complete range Page 7.34 / 7.35

Art. 683K

Ganascia fissa centrale (viti incluse)
Intermedie fixed jaw (screws included)


Ced. 7683K400/G01

Art. 682K

Ganascia Mobile (inserti inclusi)
Movable Jaw (inserts included)


Ced. 7682K400/G01

Art. 220

Inserto Grip
Top jaw insert


Ced. 4.22.01000/G01

Vedi gamma completa - See the complete range Page 4.17

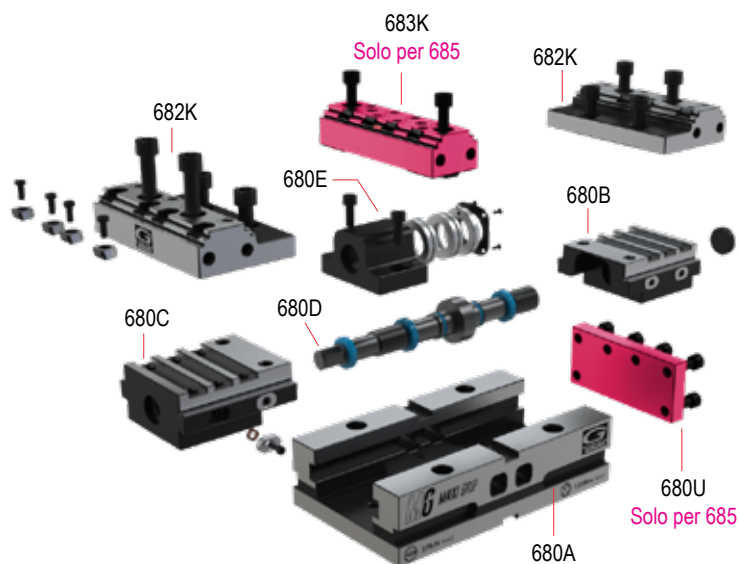
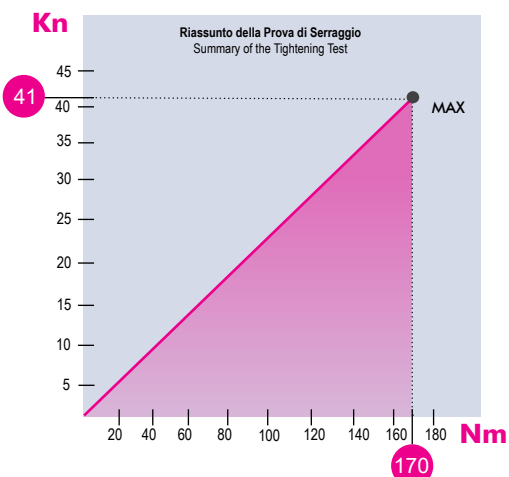
Art. 680U

Piatra laterale per serraggio singolo (viti extra)
Side plate for single clamping (screws not included)


Ced. 7680U4000

Grafico Test

Art. 685-684 T4x270-420



RIALZI IN ALLUMINIO PER MORSE MAXI GRIP

ALUMINUM RISERS FOR MAXI GRIP VISES

Tipo (grandezza) rialzo Riser (type) size		4x270		
Art. 680H Rialzo semplice, compatibile con il sistema Zero Point Simple riser Zero Point ready	A	270		
	B	160		
	B1	229		
	C	50	75	100
	ØD	314		
	E	200		
	ØJ	231		
	ØJ1	-		
	L	96		
	M	200		
	Kg	6,6	9,5	13
	Cod.	7.68.0H4270/050	7.68.0H4270/075	7.68.0H4270/100
ALLINEAMENTO e FISSAGGIO RIALZO: Kit Non Incluso / FIXING AND ALIGNEMENT RISER: Kit Not Included				
KIT Fissaggio morsa su rialzo Fixing vise on riser KIT		Cod.	7.68.0K400	



Tipo (grandezza) rialzo Riser (type) size		4x420		
Art. 680H Rialzo semplice, compatibile con il sistema Zero Point Simple riser Zero Point ready	A	420		
	B	160		
	B1	229		
	C	50	75	100
	ØD	450		
	E	200		
	E1	250		
	E2	300		
	ØJ	231		
	ØJ1	400		
	L	96		
	M	200		
	Kg	11	16	20
	Cod.	7.680.H4420/050	7.68.0H4420/075	7.68.0H4420/100
ALLINEAMENTO e FISSAGGIO RIALZO: Kit Non Incluso / FIXING AND ALIGNEMENT RISER: Kit Not Included				
KIT Fissaggio morsa su rialzo Fixing vise on riser KIT		Cod.	7.68.0K400	

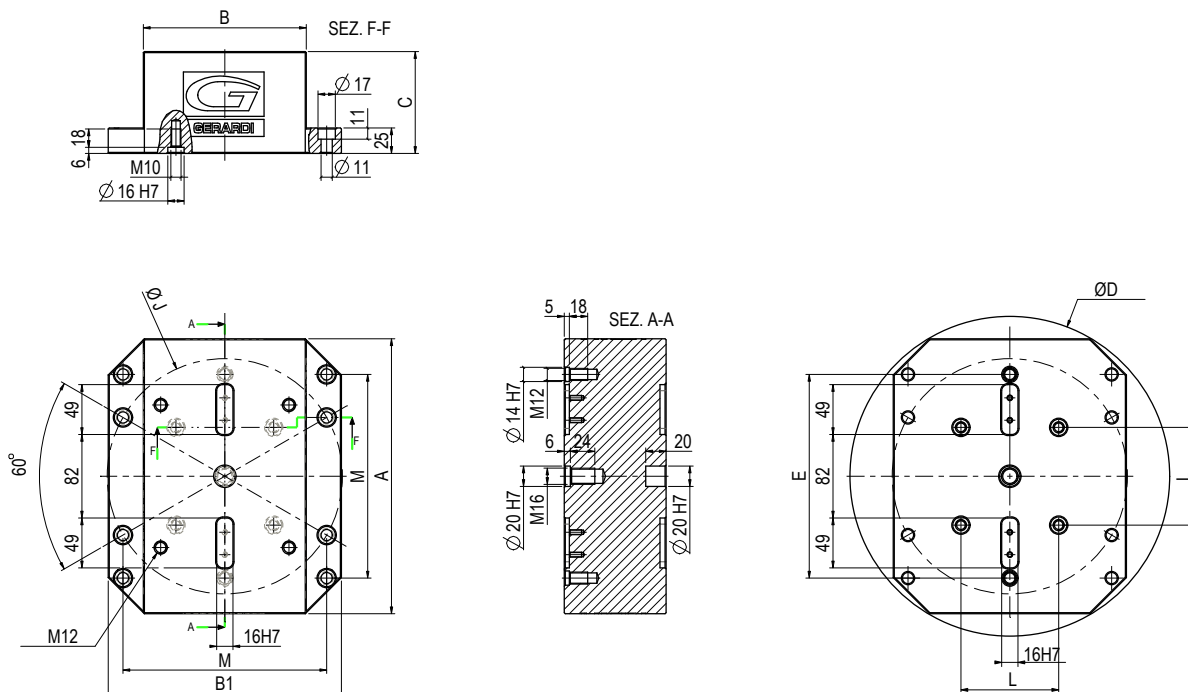


RIALZI IN ALLUMINIO PER MORSE MAXI GRIP **ALUMINUM RISERS FOR MAXI GRIP VICES**

Tipo (grandezza)
 Riser (type) size

4x270

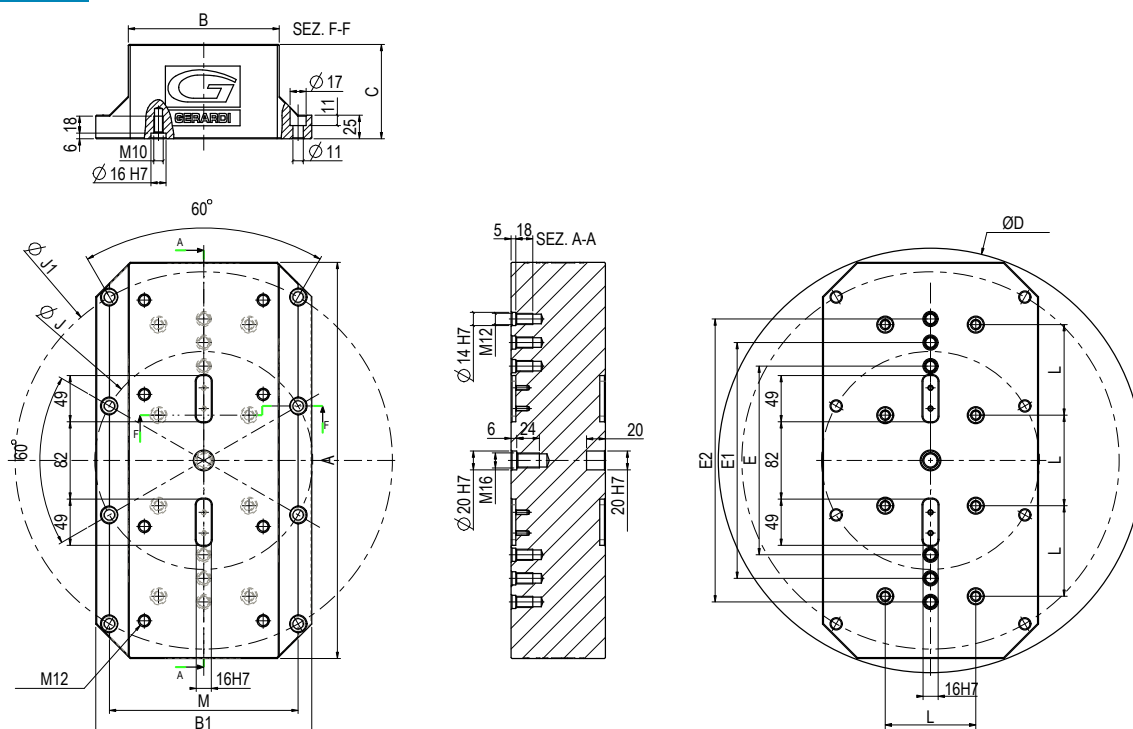
Art. 680H



Tipo (grandezza)
 Riser (type) size

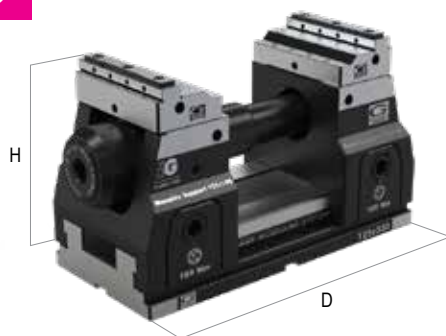
4x420

Art. 680H



Dimensione della ganascia / Jaw Size
125 x 105
Art. 5G

Morsa a 5 assi
 art.5G con ganasce
 a cambio rapido
 5-axis vice art.5G
 with quick-change
 jaws



	A	min 104 / max 234	min 204 / max 334	min 274 / max 404
A1		min 24 / max 154	min 124 / max 254	min 194 / max 324
A2		min 10 / max 140	min 110 / max 240	min 180 / max 310
B			6	
C			130	
D		330	430	500
H			105	
H1			135	
Cod.		5G-125-330	5G-125-430	5G-125-500

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !
Art. 125-5B

Ganascia dolce lavorabile
 Soft machinable jaw



Cod. 5G-125-5B

Art. 125-5K

Ganascia con inserti CompactGrip
 Jaw with CompactGrip inserts



Cod. 5G-125-5K

Art. 125-5U

Ganascia oscillante movibile con inserti Art. 812
 Floating movable jaw with inserts Art. 812



Cod. 5G-125-5U

Art. 125-5W

Ganascia fissa regolabile con inserti Art. 812
 Adjustable fixed jaw with inserts Art. 812



Cod. 5G-125-5W

Art. 125-5Z

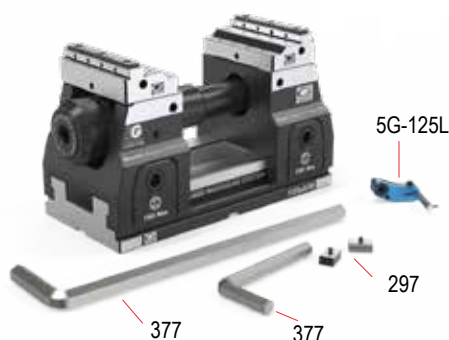
Adattatore per ganasce personalizzate
 Adapter for custom jaws



Cod. 5G-125-5Z

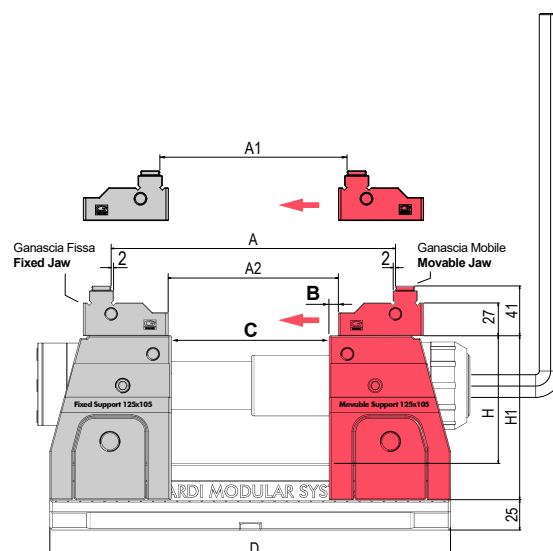
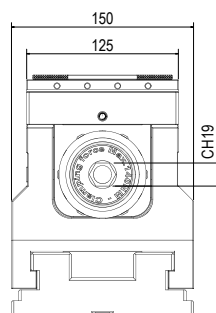
Dotazione standard:

- 1 chiave esagonale Art.377 CH.14
- 1 chiave esagonale Art.377 CH.19
- 1 arresto laterale Art.5G-125L
- 2 tasselli di posizionamento Art.297 16/18



Dotazione standard:

- 1 chiave esagonale Art.377 CH.14
- 1 chiave esagonale Art.377 CH.19
- 1 arresto laterale Art.5G-125L
- 2 tasselli di posizionamento Art.297 16/18



125 x 150			
A	min 204 / max 334	min 274 / max 404	min 404 / max 534
A1	min 124 / max 254	min 194 / max 324	min 324 / max 454
A2	min 110 / max 240	min 180 / max 310	min 310 / max 440
B	6		
C	130		
D	430	500	630
H	150		
H1	185		
Cod.	5G-125H-430	5G-125H-500	5G-125H-630

Caratteristiche / Features		
B	Corsa di Serraggio Clamping Stroke	6 mm
C	Corsa di Avvicinamento Closing Stroke	130 mm
	Coppia massima Max Torque	200 Nm
	Forza di serraggio massima Max Clamping Force	40 kN
	Coppia consigliata Recommended Torque	120 Nm
	Forza consigliata Recommended Force	26,5 kN

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Cod. 5G-125-5B

Cod. 5G-125-5K

Cod. 5G-125-5U

Cod. 5G-125-5W

Cod. 5G-125-5Z

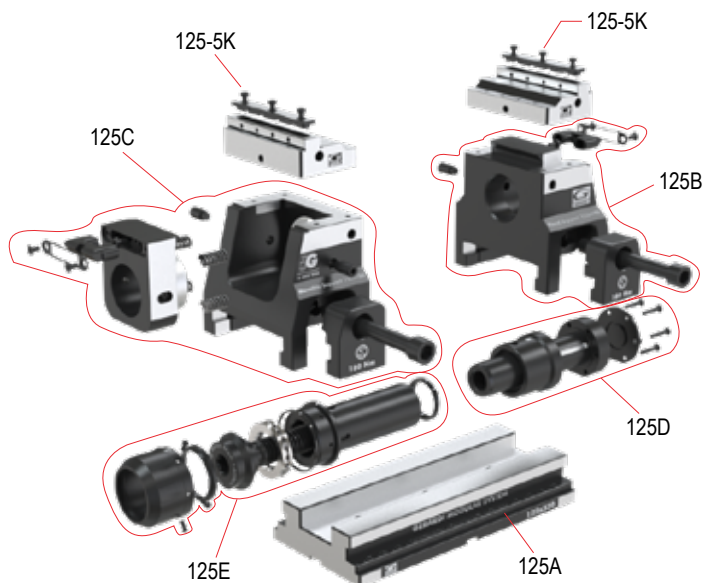
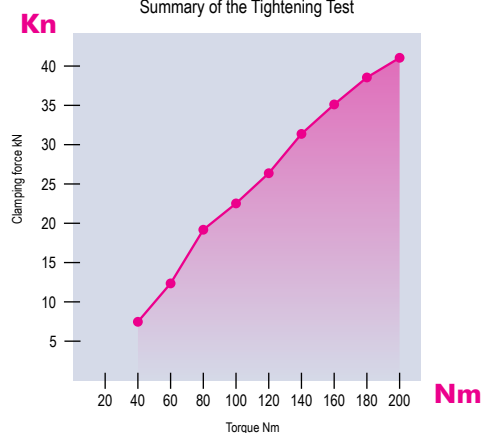


Vedi la gamma completa di ganasce compatibili con morse 5G Pag 7.56 / 7.57-
See the complete range of jaws compatible with 5G vices Page 7.56 / 7.57

Grafico Test

Art. 5G

Riassunto della Prova di Serraggio
Summary of the Tightening Test



COMPONENTI PER MORSE 5G COMPONENTS FOR 5G VISES

Art. 125A

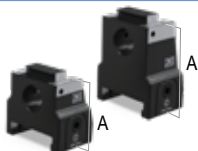
Corpo base
Base body



A	330	430	500	630
B				
Cod.	5G-125A-330	5G-125A-430	5G-125A-500	5G-125A-630

Art. 125B

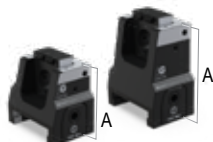
Supporto ganascia fisso
Fixed jaw support



A	105	150
Cod.	5G-125B	5G-125D-150

Art. 125C

Supporto ganascia mobile
Movable jaw support



A	105	150
Cod.	5G-125C	5G-125C-150

Art. 125D

Gruppo vite per supporto fisso
Screw unit for fixed support



A	187	287	357	487
Cod.	5G-125D-330	5G-125D-430	5G-125D-500	5G-125D-630

Art. 125E

Gruppo vite per supporto mobile
Screw unit for movable support



A	210
Cod.	5G-125D

Art. 5L

Arresto laterale
Workstop

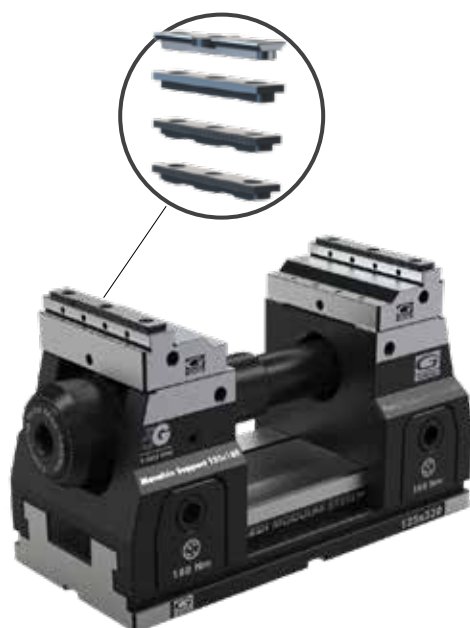


Cod.	5G-125L

INSERTI TEMPRATI HARDENED TOP JAW INSERTS

Inserti intercambiabili temprati e sagomati per massimizzare la presa su diversi materiali.

Hardened, interchangeable inserts shaped to maximize grip on various materials.



Art. 650R

*CODA DI RONDINE
DOVE TAIL

Miglior presa pezzo
Best workpiece clamping

Cod. 7.65.0R3000



*Utensile fresa per realizzare la base del particolare da bloccare (pag. 7.29)
Milling tool for working the base of the workpiece to be clamp (pag. 7.29)

Art. 650S

LISCIA + RUVIDA
SMOOTH + ROUGH

Per materiali teneri e lavorazioni finali
For soft material clamping and final machining

Cod. 7.65.0S3000



Art. 650T G01

Inserto ganascia - Top jaw insert
GRIP (Passo - Pitch 1,5mm)

Per materiali di durezza normale
For standard workpieces hardness clamping

Cod. 7.65.0T3000/G01



Art. 650T G02

Inserto ganascia - Top jaw insert
GRIP (Passo - Pitch 2mm)

Per materiali di notevole durezza
For hardened workpieces clamping

Cod. 7.65.0T3000/G02



Art. 650T G11

Inserto ganascia - Top jaw insert
GRIP (Passo - Pitch 11 mm)

Per materiali teneri
For soft material clamping

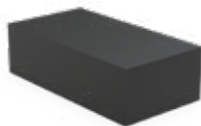
Cod. 7.65.0T3000/G11



GANASCE PER MORSE 5G JAWS FOR 5G VISES

Art. 5B

Ganascia dolce lavorabile
Soft machinable jaw



Cod.

5G-125-5B

Art. 5K

Ganascia con inserti CompactGrip
Jaw with CompactGrip inserts



Cod.

5G-125-5K

Art. 5U

Ganascia oscillante mobile
con inserti Art. 812
Floating movable jaw with
inserts Art. 812



Cod.

5G-125-5U

Art. 5W

Ganascia fissa regolabile
con inserti Art. 812
Adjustable fixed jaw with
inserts Art. 812



Cod.

5G-125-5W

Art. 5Z

Adattatore per ganasce
personalizzate
Adapter for custom jaws



Cod.

5G-125-5Z

Crea la tua morsa / Create your vise

Scegli tra 4 lunghezze di base, 2 altezze dei supporti ganascia e 4 lunghezze delle viti fisse per ottenere la combinazione ideale in base alla corsa della macchina e alla dimensione dei particolari.

Choose from 4 base lengths, 2 jaw support heights, and 4 fixed screw lengths to create the ideal combination for your machine's travel and workpiece size.

Art. 125A

Corpo base
Base body



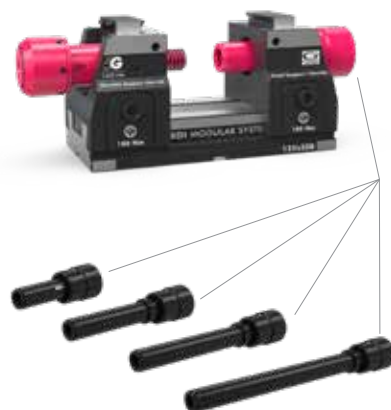
Art. 125B/C

Supporto
Support



Art. 125D

Vite fissa
Fixed screw



Automatic Vises

GRIPMATIC

Morse Automatiche per centri di lavoro automatizzati

Automatic vises system for automatic machine centre



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



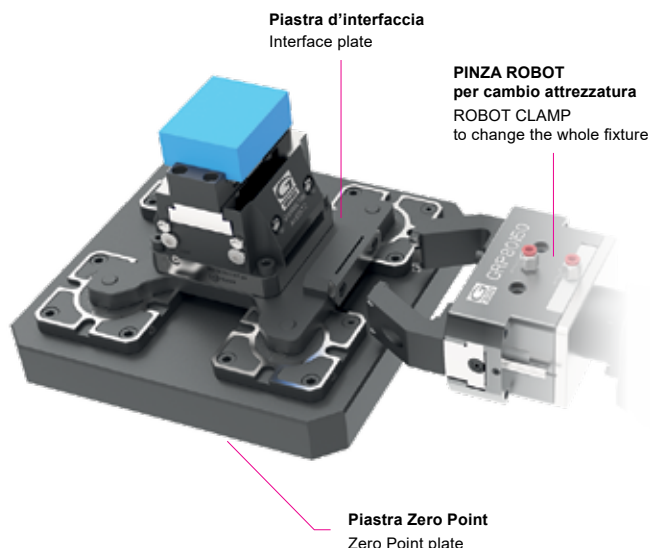
Durezza / Hardened
HRC 58 $\pm$ 2

Caratteristiche e Vantaggi: Features and Advantages:

- ✓ USURA INESISTENTE
- ✓ RAPIDITÀ DEI SERRAGGI
- ✓ PNEUMATICA O IDRAULICA
- ✓ UTILIZZO NON PRESIDATO
- ✓ CONTROLLABILE DA CNC
- ✓ CARICO E SCARICO TRAMITE ROBOT
- ✓ PRECISIONI $\pm 0,02\text{mm}$
- ✓ RIGIDITÀ & SICUREZZA
- ✓ DESIGN COMPATTO E MANEGGEVOLEZZA
- ✓ AUTOCENTRANTI
- ✓ NO WEAR
- ✓ QUICK CLAMPING
- ✓ PNEUMATIC OR HYDRAULIC
- ✓ UNATTENDED USE POSSIBLE
- ✓ CNC MANAGEABLE
- ✓ WORKPIECE LOAD & DOWNLOAD BY ROBOT
- ✓ HIGHEST ACCURACIES $\pm 0,02\text{mm}$
- ✓ RIGIDITY & SAFETY
- ✓ COMPACT DESIGN & HANDLING
- ✓ SELF-CENTERING



PNEUMATICA A DOPPIO EFFETTO O IDRAULICA
 PNEUMATIC DOUBLE EFFECT OR HYDRAULIC



Totamente Automatica Fully Automatic

Predisposizione per la completa gestione tramite CNC, automatizzando i processi di serraggio e incrementando così la produttività della vostra officina. Utilizzo non presidiato, Comandabile dal CNC, Ideale per carico e scarico tramite robot

Configured for the complete handling by CNC, to automate the clamping process and increasing the productivity of your company. Unattended use possible, CNC manageable, ideal for automativ workpiece loading by robot.



Forza di Serraggio Clamping Force

Art.670	PN	ID
T.2	14 kN	38 kN
T.3	28,8 kN	75 kN
T.4	33,8 kN	94 kN

Zero Point Ready Zero Point Ready

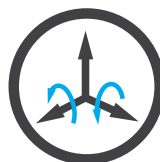
Predisposizione per il posizionamento rapido e preciso della morsa GripMatic tramite piastra Zero Point (anche in automatico).

Set-up for the quick and safe positioning of the GripMatic vise through Zero Point plate (also automatic).



Il funzionamento pneumatico o idraulico delle morse GRIPMATIC, grazie ad un pistone a doppio effetto garantisce una completa gestione in automatico delle morse. La notevole modularità permette inoltre di utilizzarle su qualunque tipologia di macchina e grazie alla predisposizione e la completa gestione tramite CNC, si ha la possibilità di automatizzare i processi di serraggio incrementando così la produttività della vostra officina.

The pneumatic or hydraulic activation of GRIPMATIC vises is made through a double effect piston that grants the complete managing of the vise. One of the main features is modularity that allows this kind of vise to be used on any type of machine and, thanks to its configuration and complete handling by CNC, it is also possible to automate the clamping process so increasing the productivity of your company.



SCAN IT TO WATCH THE



VIDEO PRESENTATION



Morse Automatiche Ideali per Centri a 5 Assi Automatic Vises Ideal for 5 Axis Machining Centres



Art. 670 PN | ID

GripMatic

**Le più automatiche
e autocentranti**
The automatic & self-centering



ART. 671A

ART. 671B

ART. 671C

Piastre e Piastre Ganasce Jaw and Jaw plates

Ganasce & Piastre ganasce per morse GripMatic
Jaws & Jaw plates for GripMatic vises



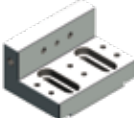
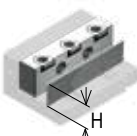
Tipo (grandezza) morsa / Vise (type) size		2	3	4
		14	28,8	33,8
Art. 670PN	Stroke	A	10	12
		A1	130,2	162
	B	25	30	35
	C	80	105	130
	D	108	166	206
	E	52	78	95
	G	10	12	16
	H	90	140	170
	W	74	99	124
	kg	5,2	16,1	31,1
	Cod.	7.67.0PN20	7.67.0PN30	7.67.0PN40

Modulo base morsa
autocentrante **pneumatica**
MAX 10 BAR



Self-centering vise
base module **pneumatic**
MAX 10 BAR

AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !

Art. 671A		Cod.	7.67.1A200	7.67.1A300	7.67.1A400
Ganascia lavorabile Soft jaw					
Art. 671B		Cod.	7.67.1B200	7.67.1B300	7.67.1B400
Ganascia lavorabile ridotta Soft narrow jaw					
Art. 671C		Cod.	7.67.1C200	7.67.1C300	7.67.1C400
Ganascia predisposta per piastre ganascie standard ridotte Jaw for narrow width standard jaw plates					
Art. 243		Cod.	1.65.17000	1.65.27000	1.65.37000
Piastra ganascia piana rigata temprata Hardened grooved straight jaw plate					
Art. 245		Cod.	4.24.51000	4.24.52000	4.24.53000
Piastra ganascia piana liscia temprata Hardened smooth straight jaw plate					
Art. 670G		H	18	25	30
Piastra piana con inserti GRIP e 1pc Art.414R (parallela magnetica universale) Straight plate with GRIP inserts and 1 pc. Art.414R (universal magnetic parallel)		Cod.	7.67.0G200	7.67.0G300	7.67.0G400

Dotazione standard:

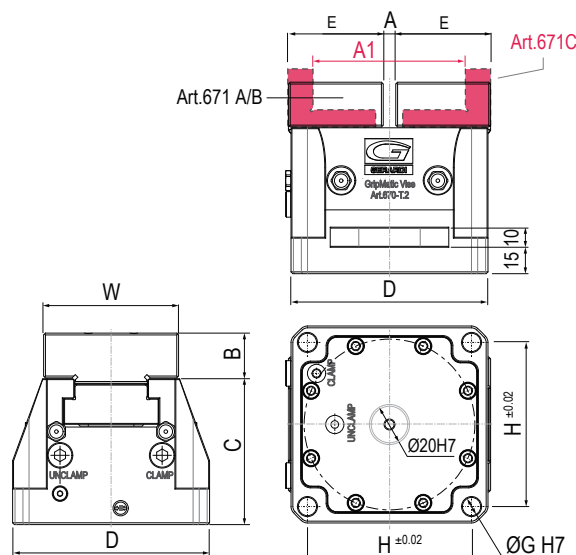
- N°2 viti calibrate a colletto Art.83
- Valvola di non ritorno Art. PN16
- N°2 raccordi cilindrici maschi Art.PN04
- N°2 OR



Standard equipment:

- N. 2 shoulder screw Art. 83
- No return valve Art. PN16
- N.2 Straight male adaptors Art. PN04
- N.2 OR

Art. 670PN



Tipo (grandezza) morsa / Vise (type) size		2	3	4
kN		38	75	94
Art. 670ID	Stroke	A	10	12
		A1	130,2	162
	B	25	30	35
	C	80	105	130
	D	108	166	206
	E	52	78	95
	G	10	12	16
	H	90	140	170
	W	74	99	124
	kg	5,2	16,1	31,1
	Cod.	7.67.0ID20	7.67.0ID30	7.67.0ID40

Modulo base morsa autocentrante **idraulica**
MAX 30 BAR* (tipo 4, MAX 25 BAR)
*Presto disponibili anche 60 o 350 BAR



Self-centering vise
base module
hydraulic MAX 30 BAR*
(Type 4, MAX 25 BAR)
Soon available 60 or 350 BAR

SUGGERITA APERTURA PNEUMATICA
PNEUMATIC OPENING SUGGESTED

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 671A		Cod.	7.67.1A200	7.67.1A300	7.67.1A400
Art. 671B		Cod.	7.67.1B200	7.67.1B300	7.67.1B400
Art. 671C		Cod.	7.67.1C200	7.67.1C300	7.67.1C400
Art. 243		Cod.	1.65.17000	1.65.27000	1.65.37000
Art. 245		Cod.	4.24.51000	4.24.52000	4.24.53000
Art. 670G		H	18	25	30
		Cod.	7.67.0G200	7.67.0G300	7.67.0G400

Dotazione standard:

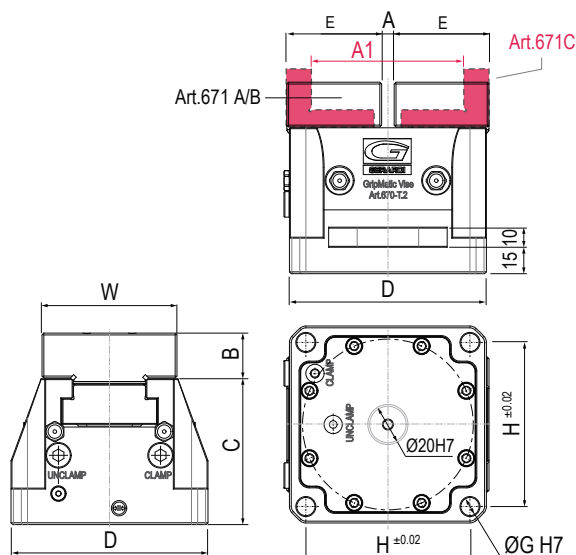
- N°2 viti calibrate a colletto Art.83
- N°2 Niplon
- N°2 Guarnizioni OR



Standard equipment:

- N.2 shoulder screw Art. 83
- N.2 Niplon
- N.2 Gaskets OR

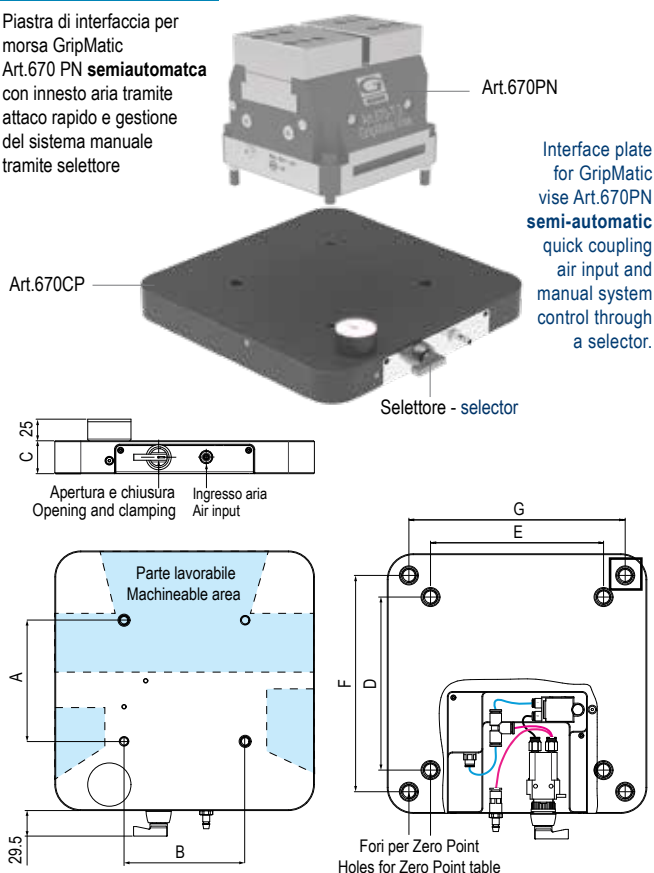
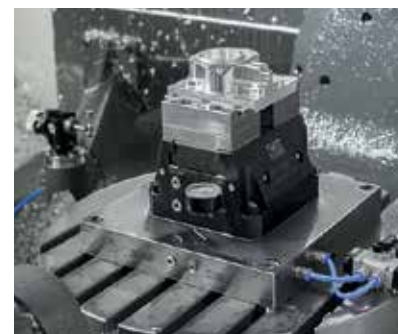
Art. 670ID



PIASTRE DI INTERFACCIA PER MORSE GRIPMATIC

INTERFACED PLATES FOR GRIPMATIC VISES

Tipo (grandezza) morsa / Vise (type) size		2 10,2 - 30	3 32 - 64	4 44 - 86
	kN			
Art.670CP SEMI AUTOMATICA SEMI-AUTOMATIC Piastra di interfaccia per morsa GripMatic Art.670 PN semiautomatica con innesto aria tramite attacco rapido e gestione del sistema manuale tramite selettore	A	90	140	170
	B	90	140	170
	C	-	38	-
	D	200	200	200
	E	200	200	200
	F	250	250	250
	G	250	250	250
Cod.		7.67.0CP20	7.67.0CP30	7.67.0CP40


 Predisposizione Zero Point
 Zero Point ready

 Esempio applicativo con azionamento esterno
 (Pedale / joystick) su richiesta allo stesso prezzo.
 Application example with external activation (pedal/
 joystick) on request at the same price

PIASTRE DI INTERFACCIA PERSONALIZZATE PER MORSE GRIPMATIC

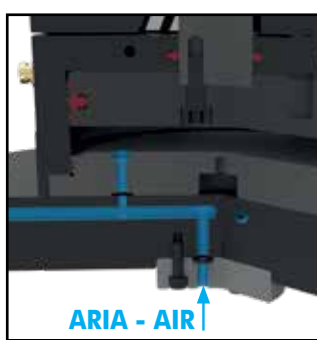
CUSTOMIZED INTERFACED PLATES FOR GRIPMATIC VISES

Tipo (grandezza) morsa / Vise (type) size		2 10,2 - 30	3 32 - 64	4 44 - 86
	kN			
Art.670AP AUTOMATICA AUTOMATIC Piastra di interfaccia per morsa GripMatic Art.670PN automatica con innesto aria/olio tramite la piastra della macchina e gestibile direttamente dal CNC. Piastra completamente personalizzabile in base alle funzionalità della macchina utensile (comando di presenza pezzo e pulizia)	Cod.	7.67.0AP20	7.67.0AP30	7.67.0AP40

Piastra di interfaccia per morsa GripMatic Art.670PN **automatica** con innesto aria/olio tramite la piastra della macchina e gestibile direttamente dal CNC. Piastra completamente personalizzabile in base alle funzionalità della macchina utensile (comando di presenza pezzo e pulizia)



Interface plate for GripMatic vise Art.670PN **automatic** with air or oil input through the machine plate and possible to be controlled directly by the CNC. This plate can be fully tailored according the characteristics of the machine (workpiece positioning check and cleanliness)



Ingresso diretto ARIA - Direct AIR input



Esempio applicativo - Applicative example

PIASTRA COMPLETAMENTE PERSONALIZZABILE !
COMPLETE CUSTOMIZABLE PLATE !

CENTRALINE PNEUMOIDRAULICHE PER MORSE GRIPMATIC PNEUMOHYDRAULIC POWER UNIT FOR GRIPMATIC VICES

Tipo (grandezza) morsa / Vise (type) size

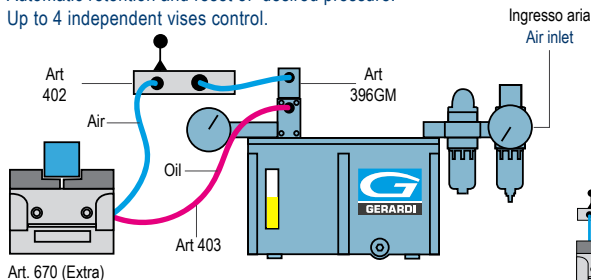
	2	3	4
kN	10,2 - 30	32 - 64	44 - 86

Art.394 GM

COMANDO PNEUMATICO PNEUMATIC CONTROL

Centralina a comando pneumatico remoto. **Pressione max 33bar**
 Con mantenimento e ripristino automatico della pressione desiderata.
 Per il controllo da 1 a 4 morse indipendenti.

Power unit with remote pneumatic control. **Max pression 33bar**
 Automatic retention and reset of desired pressure.
 Up to 4 independent vises control.



Entrata ARIA 7bar, Uscita OLIO Max 33bar - AIR inlet 7bar, output OIL Max 33bar

1 MORSA / 1 VISES - (1 Art.402 - 1 Art.403 - 1 Art.396GM)	Cod.	7.39.4GM331
2 MORSE / 2 VISES - (2 Art.402 - 2 Art.403 - 2 Art.396GM)	Cod.	7.39.4GM332
3 MORSE / 3 VISES - (3 Art.402 - 3 Art.403 - 3 Art.396GM)	Cod.	7.39.4GM333
4 MORSE / 4 VISES - (4 Art.402 - 4 Art.403 - 4 Art.396GM)	Cod.	7.39.4GM334

Tipo (grandezza) morsa / Vise (type) size

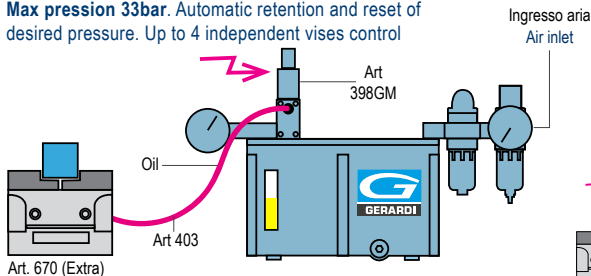
	2	3	4
kN	10,2 - 30	32 - 64	44 - 86

Art.395 GM

COMANDO ELETTRICO ELECTRIC CONTROL

Centralina a comando pneumatico con azionamento elettrico e pressostato. **Pressione max 33bar**
 Con mantenimento e ripristino automatico della pressione desiderata.
 Per il controllo da 1 a 4 morse indipendenti

Pneumatic power unit with electric control and pressurestat
Max pression 33bar. Automatic retention and reset of desired pressure. Up to 4 independent vises control



Entrata ARIA 7bar, Uscita OLIO Max 33bar - AIR inlet 7bar, output OIL Max 33bar

1 MORSA / 1 VISES - (1 Art.403 - 1 Art.398GM)	Cod.	7.39.5GM331
2 MORSE / 2 VISES - (2 Art.403 - 2 Art.398GM)	Cod.	7.39.5GM332
3 MORSE / 3 VISES - (3 Art.403 - 3 Art.398GM)	Cod.	7.39.5GM333
4 MORSE / 4 VISES - (4 Art.403 - 4 Art.398GM)	Cod.	7.39.5GM334

ACCESSORI E RICAMBI / SPARE PARTS

Art. 403

Tubo termoplastico completo di attacco rapido Art. 270A (m 1,5)
 Thermoplastic pipe complete with rapid connection Art. 270A (m 1,5)

Cod. 4.40.30000

Per ogni metro extra / For each extra meter:

Art. 402

Distributore leva angolare, 2 vie
 Angular valve, 2 ways

Cod. 9.40.20000

Art. 400

Pedale bistabile
 Two positions foot pedal

Cod. 4.40.00000

Ingresso aria (Ø 8 - 7bar)
 Air inlet (Ø 8 - 7bar)

Art. 396 GM

Blocco modulare per comando pneumatico aggiuntivo per ogni morsa extra

Modular block for pneumatic control for each extra vise

Cod. 4.39.6GM00

Ingresso aria (Ø 8 - 7bar)
 Air inlet (Ø 8 - 7bar)

Art. 398 GM

Blocco modulare per comando elettrico (con pressostato) aggiuntivo per ogni morsa extra

Modular block for electric control (with pressurestat) for each extra vise

Su richiesta: 12V / 24V / ...V
 On request: 12V / 24V / ...V

Pressostato
 Pressurestat

Cod. 4.39.8GM00

GANASCE & PIASTRE GANASCE PER MORSE MULTITASKING Art.670

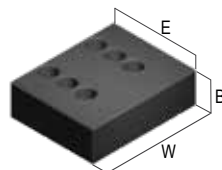
JAWS & JAW PLATES FOR MULTITASKING VISES Art.670

Tipo (grandezza) / Type (size)	2	3	4
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Art. 671A*

Ganascia mobile lavorabile
Soft movable jaw

Materiale temprabile 20MnCr5
Hardenable material 20MnCr5

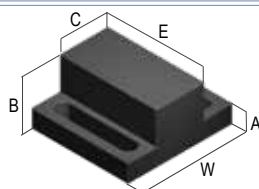


W	74	99	124
B	25	30	35
E	49	79	96
Cod.	7.67.1A200	7.67.1A300	7.67.1A400

Art. 671B*

Ganascia mobile lavorabile ridotta
Soft narrow movable jaw

Materiale temprabile 20MnCr5
Hardenable material 20MnCr5

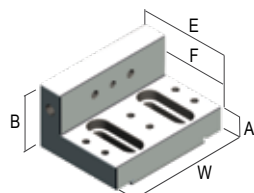


W	40	65	81
A	10	10	15
B	25	30	35
C	15	28	38
E	40	65	81
Cod.	7.67.1B200	7.67.1B300	7.67.1B400

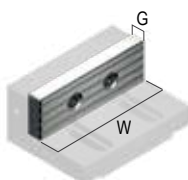
Art. 671C*

Ganascia mobile predisposta
per piastre ganasce standard ridotte
Movable jaw for narrow standard jaw plates

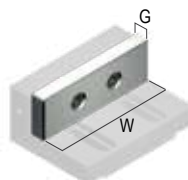
* Viti per fissaggio a richiesta
Fixing screws on request



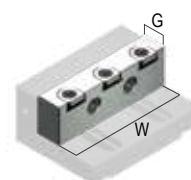
W	74	94	124
A	13,5	18	18
B	38	48	58
E	45	70	87
F	30	51	62
Cod.	7.67.1C200	7.67.1C300	7.67.1C400



Art. 243*



Art. 245*



Art. 247G*

Piastrine ganasce: Art. 243 piana rigata temprata, Art. 245 piana liscia temprata, Art. 247G con inserti GRIP.
Jaw Plates: Art. 243 Hardened flat grooved jaw plate, Art. 245 hardened flat smooth jaw plate, Art. 247G with GRIP inserts.

* Viti per fissaggio a richiesta - Fixing screws on request

Art. 670K

Parti di ricambio per Morse GripMatic
Grip Matic Jaws spare parts



Cod.	7.67.0K200	7.67.0K300	7.67.0K400
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Art. PN16

Valvola direzionale di non ritorno - 1/8" Gas
Unidirectional check valve - 1/8" Gas



Cod.	9.PN.16000
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Art. PN22

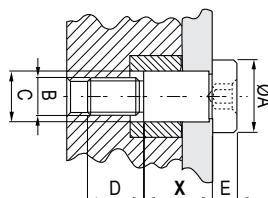
Raccordo a Y Ø6 - Ø8
Y adaptor Ø6 - Ø8



Cod.	9.PN.22006/8
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Art. 83

Vite Calibrata a colletto
Shoulder calibrated screw



A	16	18	24
B	M8	M10	M12
C	10h7	12h7	16h7
D	15	15	18
E	7	8	11
X	30	40	45
Cod.	8.83.10300	8.83.12400	8.83.16450

Art. 670IDL

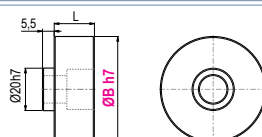
Adattatore per innesto diretto
Direct input adaptor



Cod.	7.67.0IDL20	7.67.0IDL30
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Art. 670P

Perno di centraggio
Straight pin

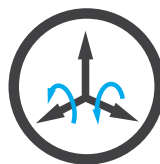


ØB	20 - 30 - 38,1 - 50 - 50,8
Cod.	7.67.0P3000

Specificare sempre quote B e L - Specify always B & L dimensions

Clamping system

DOVE TAIL



SCAN IT TO WATCH THE



VIDEO PRESENTATION



Sistema a Coda di Rondine per centri a 5 assi

Irreversible Dove Tail system for 5th axis centres

Il sistema ad incastro irreversibile DOVE TAIL grazie alla sua versatilità e conformazione che garantisce una rigidità estrema consente un'ottimizzazione dei tempi di attrezzaggio e di lavorazione dei particolari

Thanks to its versatility and shape, which guarantees an exceptional rigidity, our Irreversible DOVE TAIL system also ensures an optimisation of set-up and machining times.

*Insuperabile per particolari
di dimensioni ridotte*

*Unbeatable to
clamp small workpieces*



Non Disponibile per
Not Available for
U.S.A

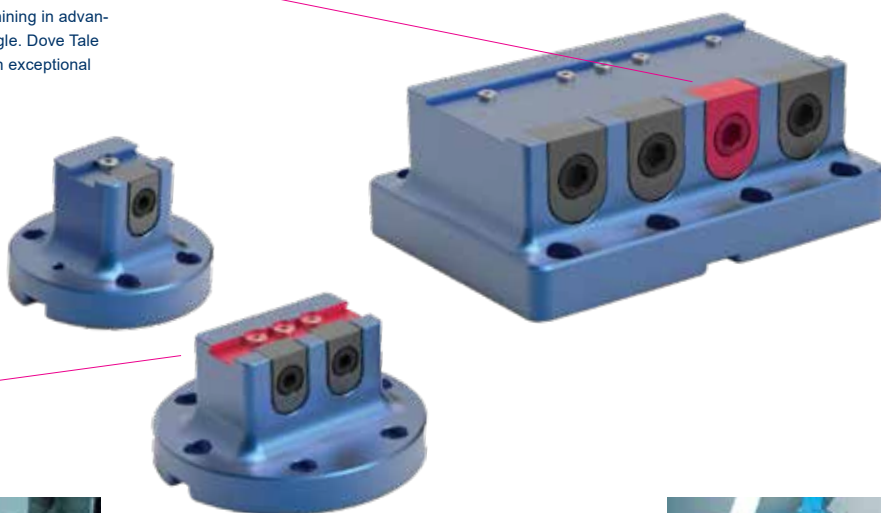
Sistema Irreversibile Irreversible System



Ogni particolare può essere serrato tramite il sistema a Coda di Rondine pre-lavorando la faccia inferiore, creando una sagoma dell'altezza di 3mm e un angolo di 60°. Il sistema a coda di rondine è un sistema ad incastro irreversibile che garantisce un'estrema rigidità della presa pezzo durante tutti i tipi di lavorazione.

Each part can be clamped through Dove Tail system simply machining in advance the lower side, by creating a 3mm high template and a 60° angle. Dove Tail system is an irreversible interlocking system which guarantees an exceptional rigidity of the clamping during all types of machining.

Art. 690



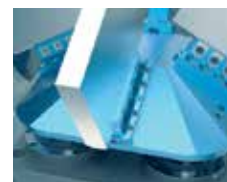
Serraggio ad Incastro Irreversible clamping



Il particolare da lavorare viene serrato mediante il tassello a Coda di Rondine, che sfruttando l'effetto leva generato dalla vite principale assicura un'efficace chiusura ad incastro irreversibile. La molla all'interno permette un rilascio graduale del tassello di bloccaggio.

The workpiece is clamped through a Dovetail nut that exploits the lever effect of the main screw and ensures an effective clamping. The internal spring allows a gradual release of the blocking nut.

Rialzo Piramidale Pyramidal Riser



Il supporto piramidale speciale consente di montare 4 sistemi a coda di rondine contemporaneamente inclinati a 30° incrementando così lo spazio di lavoro e le possibilità di lavorazione e riducendo altresì i tempi morti.

The pyramidal riser allows the simultaneous mounting of 4 Dove tail systems inclined at 30° thus increasing the working space, widening the machining possibilities and also reducing the dead times.

SISTEMA A CODA DI RONDINE DOVE TAIL FIXTURES

Art.690

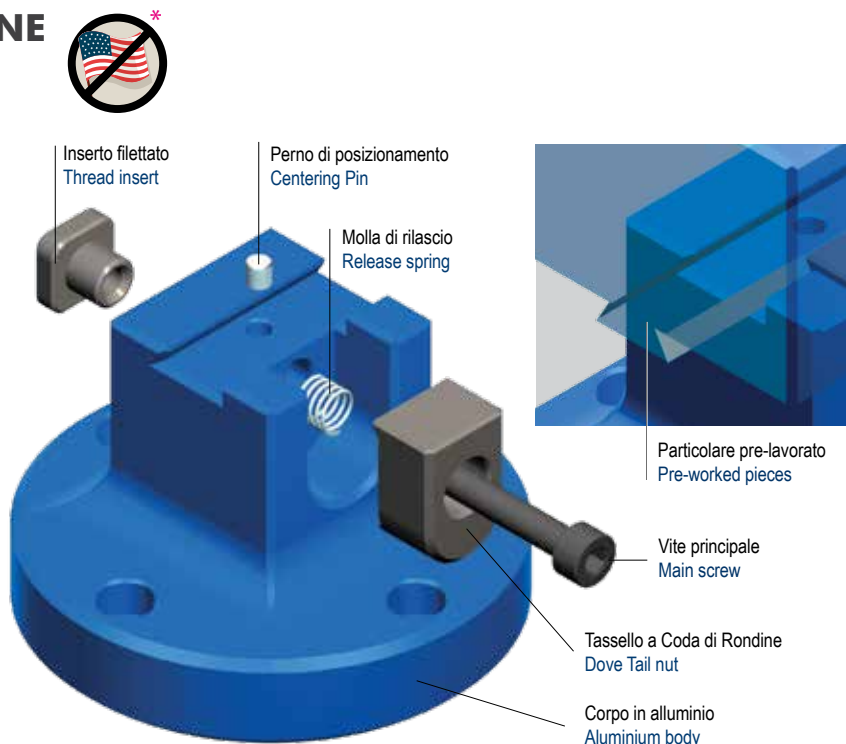
Il sistema a Coda di Rondine è progettato specificatamente per le lavorazioni su centri a 5 assi.

Grazie alla sua versatilità e conformazione offre un'ottimizzazione dei tempi di attrezzaggio e di lavorazione dei particolari.

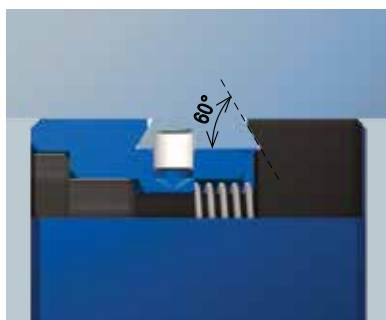
Il sistema Coda di Rondine è compatibile con l'ampia gamma di attrezzature Gerardi, in particolare con il sistema Zero Point e piastre a cambio rapido ed è possibile applicarlo sui più conosciuti centri di lavoro al mondo.

The Dove Tail System is designed specifically for machining on 5 Axis machine centers.

Thanks to its versatility and shape it guarantees the best set up and machining times. The Dove Tail System is obviously compatible with the widest range of Gerardi fixtures in especially with Zero Point systems and with quick change plates and it is possible to use it on the worldwide most popular Machine Centers.



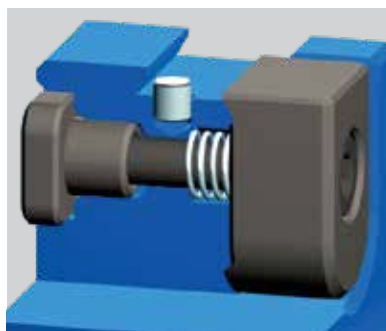
COME SERRARE UN PARTICOLARE CON IL SISTEMA A CODA DI RONDINE HOW TO CLAMP WORKPIECES WITH DOVE TAIL FIXTURE


1

PREDISPOSIZIONE CODA DI RONDINE DOVE TAIL SET-UP

Ogni particolare può essere serrato tramite il sistema Coda di Rondine pre-lavorando la faccia inferiore mediante l'apposita fresa, creando una sagoma dell'altezza di 3mm e un angolo di 60°.

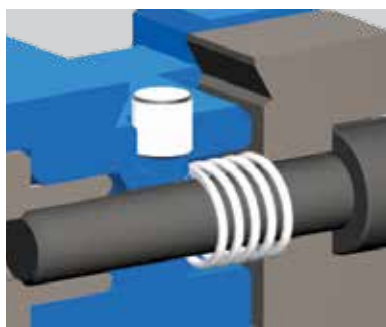
Each workpiece can be clamped on the Dove Tail system machining firstly the lower face through the proper milling cutter in order to create a 3mm height shape with a 60° angle.


2

PERNO DI POSIZIONAMENTO CENTERING PIN

Il perno di posizionamento del sistema Coda di Rondine ha la funzione di assicurare sempre un rapido e perfetto centraggio del particolare da lavorare garantendo la massima ripetibilità.

The positioning pin of the Dove Tail System is for ensuring always a quickest and perfect workpiece centering which will then guarantee the max repeatability.


3

SERRAGGIO & RILASCIO GRADUALE CLAMPING & GRADUAL RELEASE

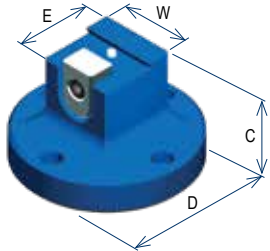
Il particolare da lavorare viene serrato mediante il tassello a Coda di Rondine, che sfruttando l'effetto leva generato dalla vite principale assicura un'efficace chiusura. La molla all'interno permette un rilascio graduale del tassello di bloccaggio.

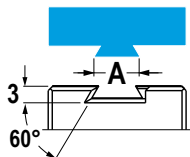
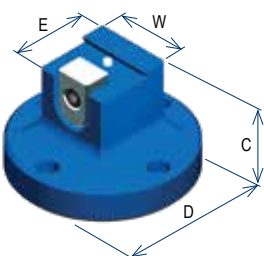
The workpiece is clamped through the Dove Tail System which exploiting the leverage created by the main screw ensures a perfect clamping. The internal spring allows a gradual release of the clamping nut.

SISTEMA A CODA DI RONDINE in ALLUMINIO

ALUMINIUM DOVE TAIL FIXTURES

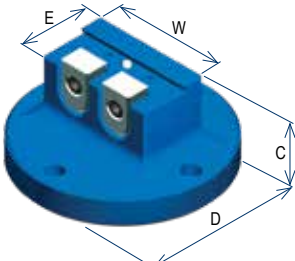


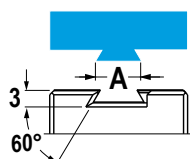
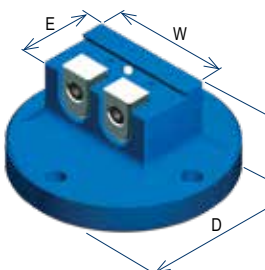
Tipo (grandezza) - (type) size (inch)		1	2	3	4	5	6	
Grandezza coda di rondine - Dove tail dimension		A"	0,281"	0,375"	0,5"	0,75"	1,5"	2,25"
Art.690 SINGOLO - SINGLE Tipo / Type 3 	Grandezza coda di rondine - Dove tail dimension	A	7,14	9,53	12,7	19,5	38,1	57,15
		C	50	50	50	50	70	70
		D	Ø56	Ø56	Ø76	Ø86	Ø116	88x132
		E	20	22	34	40	70	88
		W	20	22	34	40	50	48
	Forma Shape							
	kg	0,3	0,4	0,9	1,1	3,2	3,6	
Cod.	12.690.101	12.690.201	12.690.301	12.690.401	12.690.501	12.690.601		



*NON DISPONIBILE PER IL MERCATO AMERICANO - *NOT AVAILABLE FOR U.S. MARKET

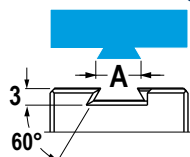
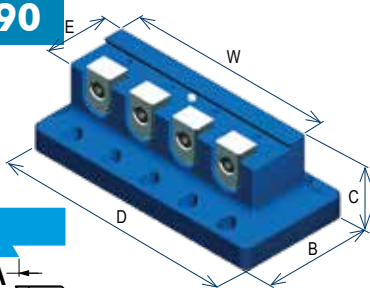
Tipo (grandezza) - (type) size (inch)		1	2	3	4	5	6	
Grandezza coda di rondine - Dove tail dimension		A"	0,281"	0,375"	0,5"	0,75"	1,5"	2,25"
Art.690 DOPIO - DOUBLE Tipo / Type 3	Grandezza coda di rondine - Dove tail dimension	A	7,14	9,53	12,7	19,5	38,1	57,15
		C	-	-	50	50	70	70
		D	-	-	Ø98	Ø104	110	110x128
		E	-	-	34	40	70	88
		W	-	-	60	60	90	90
		Forma Shape	-	-				
		kg	-	-	1,4	1,6	4,4	5,3
	Cod.	-	-	12.690.302	12.690.402	12.690.502	12.690.602	





*NON DISPONIBILE PER IL MERCATO AMERICANO - *NOT AVAILABLE FOR U.S. MARKET

Tipo (grandezza) - (type) size (inch)		1	2	3	4	5	6	
Grandezza coda di rondine - Dove tail dimension		A"	0,281"	0,375"	0,5"	0,75"	1,5"	2,25"
Art.690 MULTIPLIO MULTIPLE Tipo / Type 3	Grandezza coda di rondine - Dove tail dimension	A	7,14	9,53	12,7	19,5	38,1	57,15
		B	-	-	64	70	110	128
		C	-	-	50	50	70	70
		D	-	-	140	140	190	190
		E	-	-	34	40	70	88
		W	-	-	120	120	170	170
		Forma Shape	-	-				
	kg	-	-	2,1	2,4	7,9	9,6	
	Cod.	-	-	12.690.304	12.690.404	12.690.504	12.690.604	



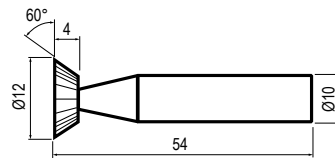
*NON DISPONIBILE PER IL MERCATO AMERICANO - *NOT AVAILABLE FOR U.S. MARKET

Tipo (grandezza) - (type) size (inch)		1	2	3	4	5	6
Grandezza coda di rondine - Dove tail dimension		0,281"	0,375"	0,5"	0,75"	1,5"	2,25"
Art.690G Gruppo di serraggio completo per sistema a coda di rondine Complete clamping kit for Dove tail System							
	Cod.	12.690.G001	12.690.G002	12.690.G003	12.690.G004	12.690.G005	12.690.G006



*NON DISPONIBILE PER IL MERCATO AMERICANO - *NOT AVAILABLE FOR U.S. MARKET

Tipo (grandezza) - (type) size (inch)		1	2	3	4	5	6
Grandezza coda di rondine - Dove tail dimension		0,281"	0,375"	0,5"	0,75"	1,5"	2,25"
Art.690DTF Utensile fresa per realizzare la base del particolare da bloccare Milling tool for working the base of the workpiece to clamp							
	Cod.				7.69.0DTF10		



PREDISPOSIZIONE e MONTAGGIO MORSE su SPALLE LAVORATE

TOMBSTONES SET-UP and VISES MOUNTING on 2 SIDE MACHINED TOMBSTONES

Art. 57C
Cubo lavorata
 Machined cube

 Dim. A=300 / B=630 /
 E=150 / H=950

Cod. 8.57.C00140

Art. 864
Tipo di morsa
 Vise type

 Art.670
 Type 2

 2 x
 Art.671A

Cod. 7.67.0PN20

Cod. 7.67.1A200

 Numero morsa x 12
 Vises number

Predisposizione e montaggio completo

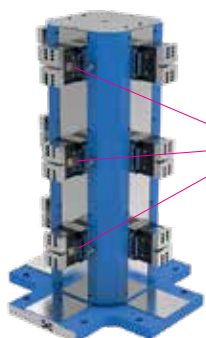
Complete set up & mounting



Cod. MAN-040-FMS

Per morsa / each vise

Realizzazione di fori filettati o fori di fissaggio (da un minimo di 4 a un massimo di 6), fori calibrati o chiavette (da un minimo di 2 a un massimo di 3).
 Creation of threaded holes or screw holes (minimum 4 and maximum 6), calibrated holes or key-ways (minimum 2 and maximum 3).

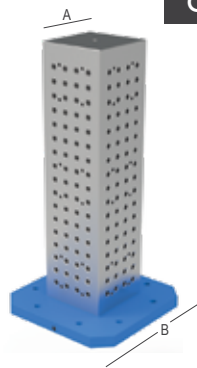
Cubo con morsa
 Cube with vises


Art.83

 TABULATO controllo DEA - MAN-100-FMS :
 PRINTOUT DEA control - MAN-100-FMS :

MONTAGGIO e ALLINEAMENTO MORSE su CUBI a RETICOLO

ALIGNEMENT and VISES MOUNTING on GRID TOMBSTONES

Art. 53F
Cubo a reticolo
 Grid tombstone


Dim. A=250 / B=500 / H=1000

Cod. 8.53.F00107

Art. 864
Tipo di morsa
 Vise type

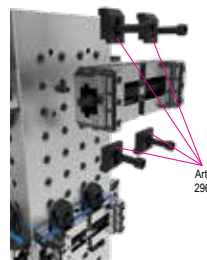

Art.650 Type 2x240

Cod. 5.86.43500

 Numero morsa x 12
 Vises number

Montaggio ed allineamento (standard)

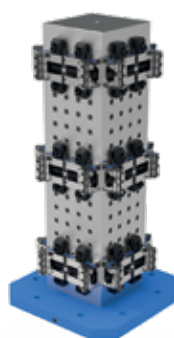
(Standard) Assembly and alignment



Cod. MAN-070-FMS

Per morsa / each vise

Montaggio di una o più morsa e/o attrezzature già predisposte tra loro comprensivo di controllo manuale. Il prezzo di listino comprende manodopera, viti, staffe e tasselli per singola morsa.
 Assembly of one or more vises or equipments already interfaced between themselves complete of manual check. The list price includes working hours, screws, holding clamps and key-nuts for only one vise.

Art. 750
Cubo con morsa
 Cube with vises


Art.750 Tipo 3

Cod. 1.75.03300

 TABULATO controllo DEA - MAN-100-FMS :
 PRINTOUT DEA control - MAN-100-FMS :

Diagrammi serraggio / Clamping diagrams

Multitasking

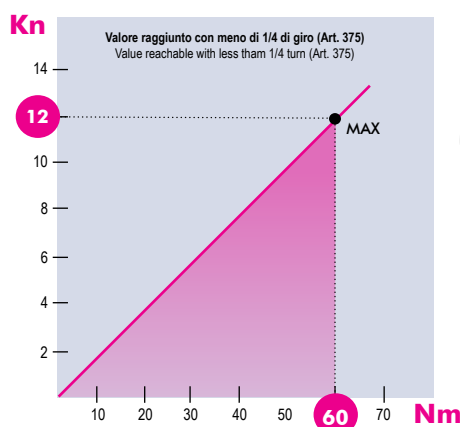
Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench

Art. 357

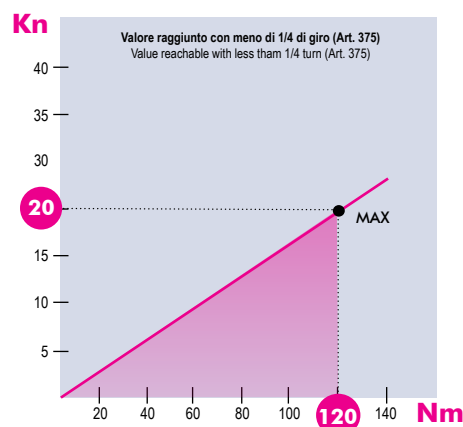
Morse tipo 1

Vises type 1

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

Art. 357

Morse tipo 2

Vises type 2

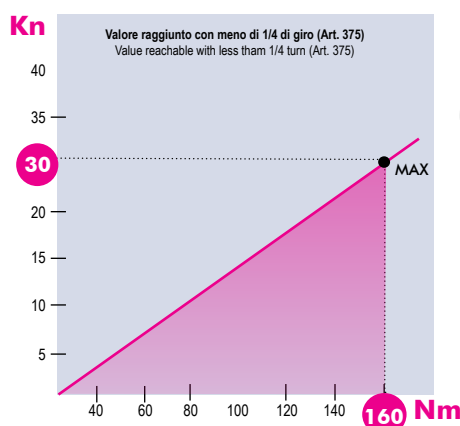
 Vite TPF24 - Passo 2mm
 Screw TPF24 - Pitch 2mm


Gruppi di serraggio meccanici / Mechanical clamping devices

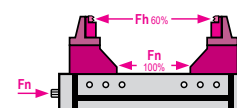
I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 1 a 3), in funzione del momento applicato
 The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 3) depending on the torque

Morse tipo 3

Vises type 3

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

Art. 357

FMS

Art. 868


Tipo morsa Vise type	1	2	3 - 4	5 - 6
Vite / Screw TPF	18 / 20mm	18 / 24mm	24 / 30mm	30 / 36mm
Passo / Pitch	2mm	2mm	2mm	3mm

Morse tipo 1 (Max 25 kN - 120 Nm)
 Vises type 1 (Max 25 kN - 120 Nm)

Morse tipo 2 (Max 25 kN - 140 Nm)
 Vises type 2 (Max 25 kN - 140 Nm)

Morse tipo 3 - 4 (Max 30 kN - 200 Nm)
 Vises type 3 - 4 (Max 30 kN - 200 Nm)

Morse tipo 5 - 6 (Max 32 kN - 240 Nm)
 Vises type 5 - 6 (Max 32 kN - 240 Nm)

NB: Alcuni fattori, come la lubrificazione, lo staffaggio, 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, clamping on the machine plate, frictions and more can modify above values within a $\pm 10\%$ range. For optimum operation do not exceed chart values.

Diagrammi di serraggio / Clamping diagrams

CompactGrip / MaxiGrip

Diagrammi di serraggio meccanico con chiave dinamometrica

Mechanical clamping diagrams with torque wrench

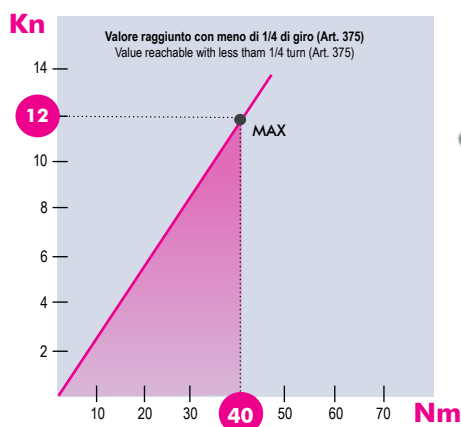
Art. 357

Morse Tipo

Vise Type

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

1



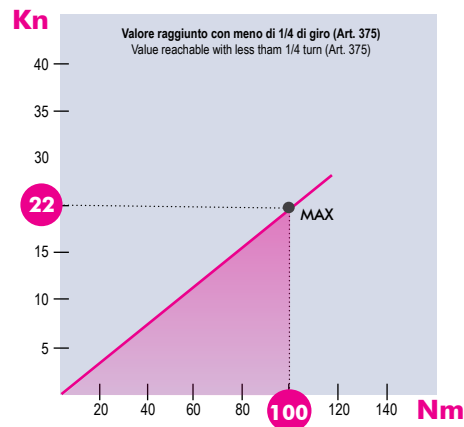
Art. 357

Morse Tipo

Vise Type

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

2



Gruppi di serraggio meccanici / Mechanical clamping devices

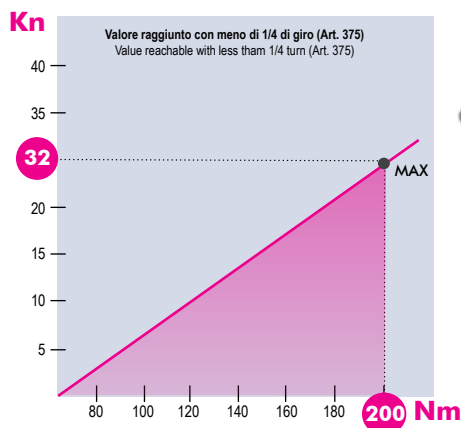
I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 1 a 3), in funzione del momento applicato
The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 3) depending on the torque

Morse Tipo

Vise Type

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

3



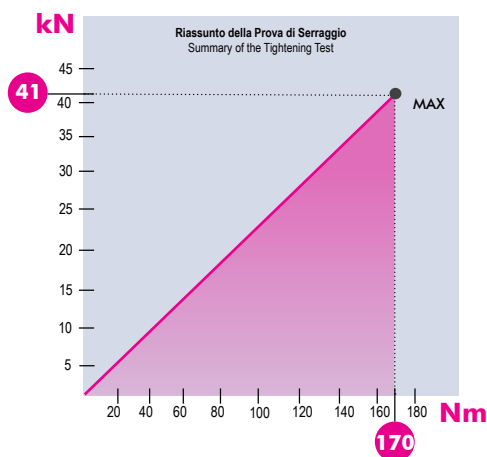
Art. 357

MaxiGrip

Art.685 / 684

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

4



NB: Alcuni fattori, come la lubrificazione, lo staffaggio, 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, clamping on the machine plate, frictions and more can modify above values within a $\pm 10\%$ range. For optimum operation do not exceed chart values.

Diagrammi di serraggio / Clamping diagrams

GripMatic

Diagrammi di serraggio pneumatico/idraulico

Pneumatic/hydraulic clamping diagrams

● Valore massimo
consigliato (ARIA)

● Max suggested
value (OIL)

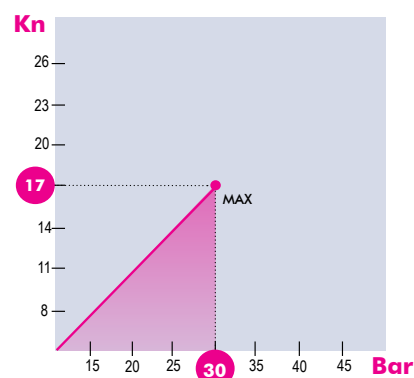
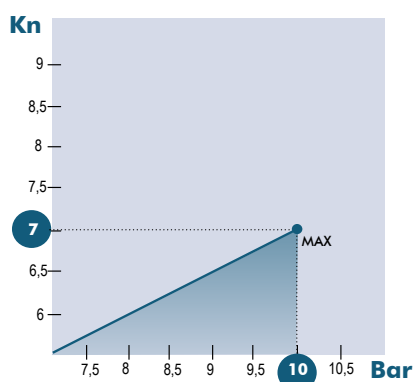
I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 2 a 4). In funzione della pressione dei fluidi (aria e olio).
 The following diagrams give the clamping force that can be obtained with each vise type (size 2 to 4) as a function of the fluid pressure (air or oil).

Morse tipo

Vises type

Pistone Ø85mm -
 Superficie utile 51,8mm²
 Hydraulic cylinder Ø85mm
 Effective surface 51,8mm²

2
 (1 bar = 14,5 psi)

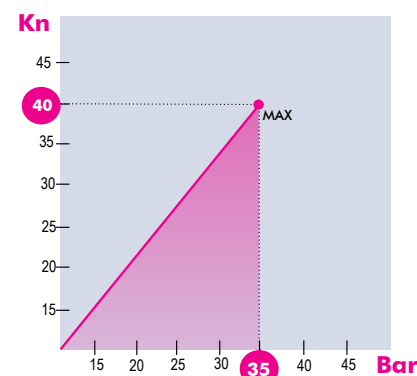
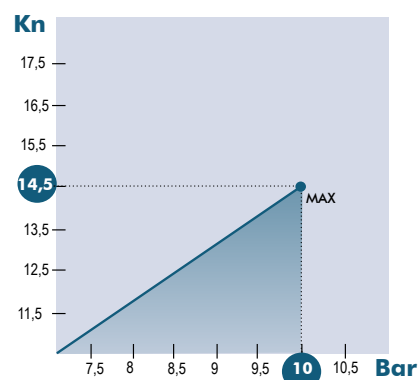


Morse tipo

Vises type

Pistone Ø135mm -
 Superficie utile 132,3mm²
 Hydraulic cylinder Ø135mm -
 Effective surface 132,3mm²

3
 (1 bar = 14,5 psi)

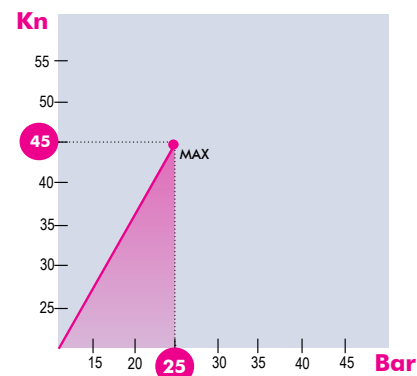
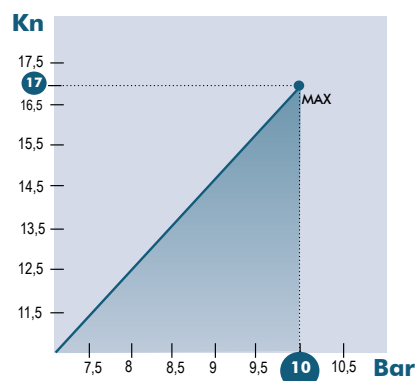


Morse tipo

Vises type

Pistone Ø170mm
 Superficie utile 209,5mm²
 Hydraulic cylinder Ø170mm
 Effective surface 209,5mm²

4
 (1 bar = 14,5 psi)



NB: Alcuni fattori, come la lubrificazione, lo staffaggio, 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, 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.

MORSE MULTITASKING

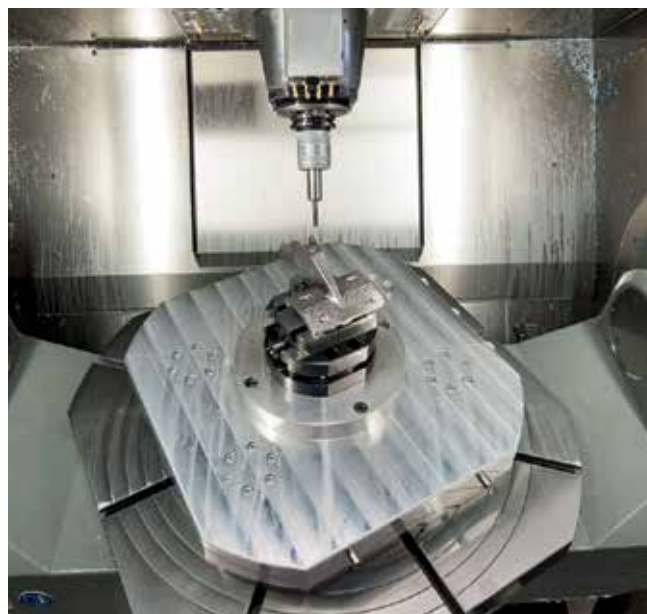
MULTITASKING VISES



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MORSE COMPACTGRIP

COMPACTGRIP VISES



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Aperture Morse / Opening vise range

Scansiona il QR code e scarica la tabella con tutte le aperture delle morse CompactGrip

Scan the QR code to download the chart with all vise jaws opening



MORSE GRIPMATIC

GRIPMATIC VISES



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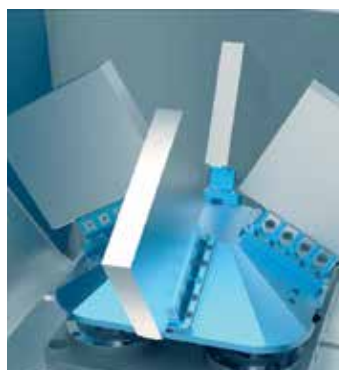


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