



GERARDI

FOCUS

VISES AND FIXTURES FOR WORKPIECES POSITIONING AND CLAMPING



NEW

5G Vises

Advanced technology for
5 axis machine

Magnetic Chucks

Electro-permanent system
for milling operation

TOOLING

Angle Heads

More than 700 models
available

Driven Tools

Upgrade your lathe and
boost productivity!

AUTOMATION

GripMatic Vises

The automatic & self-centering

Grippers

Pneumatic grippers: high
performance & accuracy



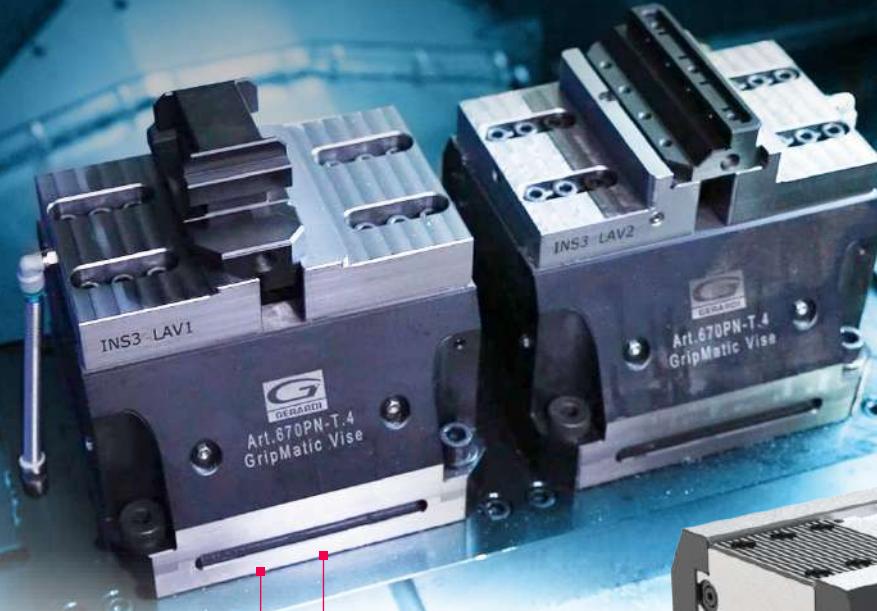
GERARDI
AUTOMATION



THE AUTOMATIC & SELF-CENTERING THE FIRST STEP TOWARDS AUTOMATION



Pneumatic double effect or hydraulic



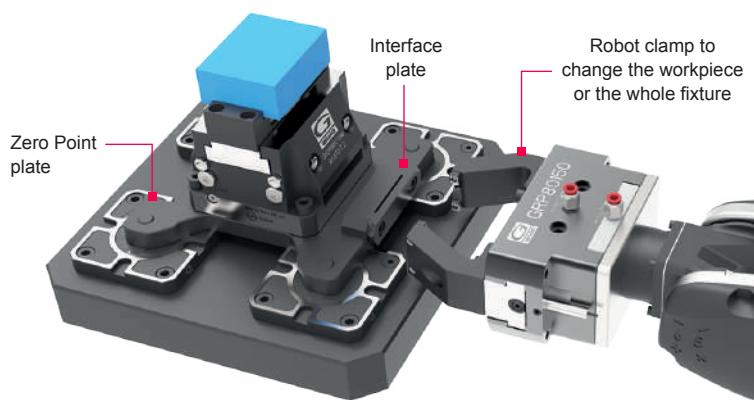
NEW

FULLY AUTOMATIC

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 automatic workpiece loading by robot

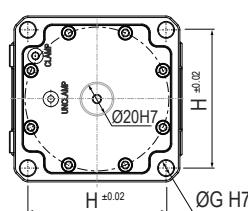
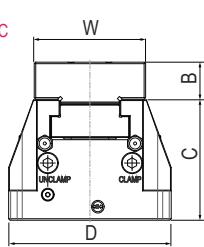
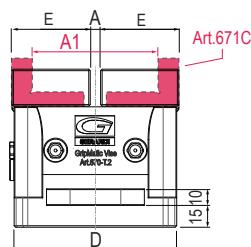
ZERO POINT READY

Set-up for the quick and safe positioning through an interface Zero Point plate (also automatic)



CLAMPING FORCE

Art.670	PN	ID
T.2	7 kN	19 kN
T.3	14,4 kN	37,5 kN
T.4	16,9 kN	47 kN



Thanks to the internal mold springs, Art.670 GripMatic pneumatic vise allows to obtain **better clamping parameters, in respect to the normal functioning**. This system guarantees a higher safety level as it clamps the workpiece even in case of pressure loss and so avoiding fixtures damages and workers injuries.

Innovative solutions to optimize and speed up production



FIND OUT MORE

PNEUMATIC SELF-CENTERING VISE BASE MODULE MAX 10 BAR - ART. 670PN

Type	Stroke A	A1	B	C	D	E	G	H	W	Kg	Cod.
2 (7 kN)	6,5	88,9	25	80	108	52	10	90	74	5,2	7.67.0PN20
3 (14,4 kN)	9,7	130,2	30	105	166	78	12	140	99	16,1	7.67.0PN30
4 (16,9 kN)	12,1	162	35	130	206	95	16	170	124	31,1	7.67.0PN40



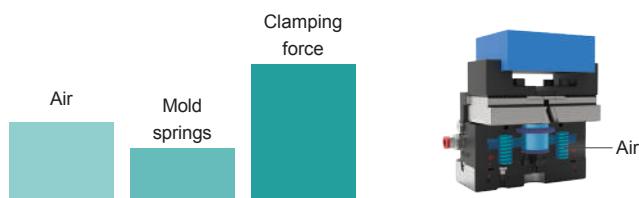
HYDRAULIC SELF-CENTERING VISE BASE MODULE MAX 35 BAR * - ART. 670ID

Type	Stroke A	A1	B	C	D	E	G	H	W	Kg	Cod.
2 (19 kN)	6,5	88,9	25	80	108	52	10	90	74	5,2	7.67.0ID20
3 (37,5 kN)	9,7	130,2	30	105	166	78	12	140	99	16,1	7.67.0ID30
4 (47 kN)	12,1	162	35	130	206	95	16	170	124	31,1	7.67.0ID40



* Soon available 60 or 350 BAR (Type 4, MAX 25 BAR)

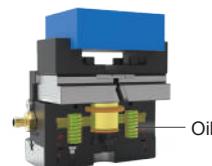
PNEUMATIC VISE - 670PN



HYDRAULIC VISE - 670ID



Also available
60 Or 350 bar



Pneumatic	Type 2	Type 3	Type 4
Air Pressure Input (bar)	Clamping Force (kN)	Clamping Force (kN)	Clamping Force (kN)
7	5,6	10,7	11,4
8	6,1	12,3	13,3
9	6,6	13,2	14,6
10	7	14,4	16,9



To increase the air pressure use the multiplier Art.408

Hydraulic	Type 2	Type 3	Type 4
Oil Pressure Input (bar)	Clamping Force (kN)	Clamping Force (kN)	Clamping Force (kN)
10	5,8	15	-
15	8,5	21	27
20	11,7	27	38
25	14,5	33,5	47
30	17	37,5	-

Some factors as lubrication, clamping on the machine table, frictions and more can modify above values within a ±10%

GRIPMATIC JAWS

ART. 671A

Soft machineable movable jaw



Example 1

ART. 671B

Soft machineable narrow movable jaw



Example 2

ART. 671C

Step movable jaw for width standard jaw plates



Example 3

GRIPPERS


GERARDI
AUTOMATION



PNEUMATIC GRIPPERS HIGH PERFORMANCE & ACCURACY



GRP2

The gripper with **double long slides** allows for a very wide jaw stroke thanks to which a wide range of parts and equipment of different shapes and sizes can be gripped

Central gear and rack structure of slides to synchronize the simultaneous movement of slides



The double-acting piston chambers are pneumatically driven by the same pump

Magnetic proximity sensors that let you know at any time whether the jaws are open or closed

Slides with arrangements for mounting any custom jaw according to production requirements

HIGH GRIPPING FORCE

High efficient boosting mechanism ensures a firm gripping when handling the workpiece

INNOVATIVE

The optimized and innovative design with reduced overall dimensions and internal components grant higher reliability, easier mounting and less maintenance

COMPACT

High tensile aluminium alloy body provides lightweight and high rigidity

HARDNESS

Anodized aluminum jaws ensure high resistance to oxidation and extreme lightness

SPECIAL JAWS AVAILABLE

FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



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AUTOMATION



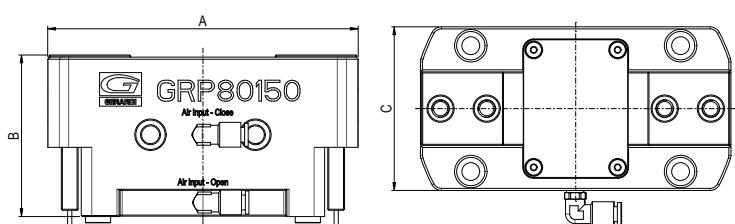
FIND OUT MORE

Innovative solutions to optimize and speed up production

		Jaw Stroke	Closing Clamping Force	Opening Clamping Force	Repeatability	Working Air pressure	Operating temperature	Dimensions (mm)		
								A	B	C
Grippers	GRP 50120	6 mm	620 N	600 N				120	74	50
	GRP 80150	8 mm	1.400 N	1.300 N				148	77	78
	GRP 92240	15 mm	4.400 N	-				240	124	92
Round Grippers	GRP 3D120	6 mm	2.100 N	1.100 N	± 0.05	6 bar	5~60°C	120	76	-
	GRP 3D160	8 mm	6.600 N	-				160	87	-
	GRP 3D240	15 mm	1.200 N	-				240	124	-
new Double-Slide Grippers	GRP2-112130	32 mm	2.200 N	1.800 N				130	80	112

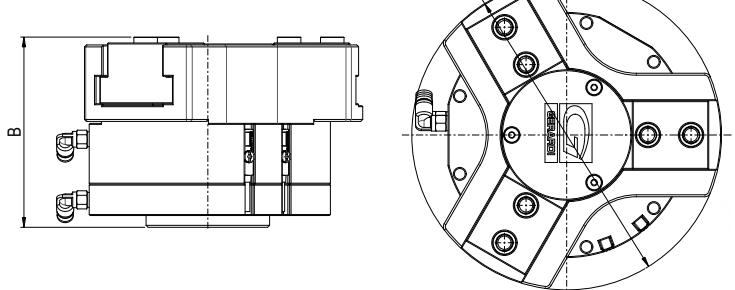
GRIPPERS

GRP 50120 GRP 80150 GRP 92240



ROUND GRIPPERS

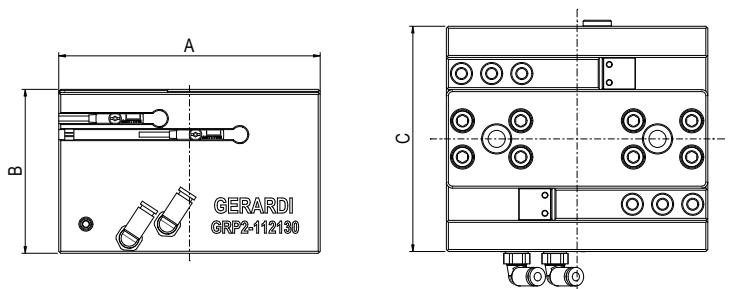
GRP 3D120 GRP 3D160 GRP 3D240



DOUBLE-SLIDE GRIPPERS WITH LONG STROKE

GRP 2-112130

NEW



— STD SERIES



THE ORIGINAL & MOST COPIED VISE IN THE WORLD!

TECHNICAL FEATURES & ADVANTAGES

- No wear: high alloyed quality resistance steel, case hardened HRC 60 ±2,
- Quick clamping
- Modularity & versatility
- Highest accuracies ± 0,02 mm
- Rigidity & safety
- Space saving design & handy

PRISMATIC JAW

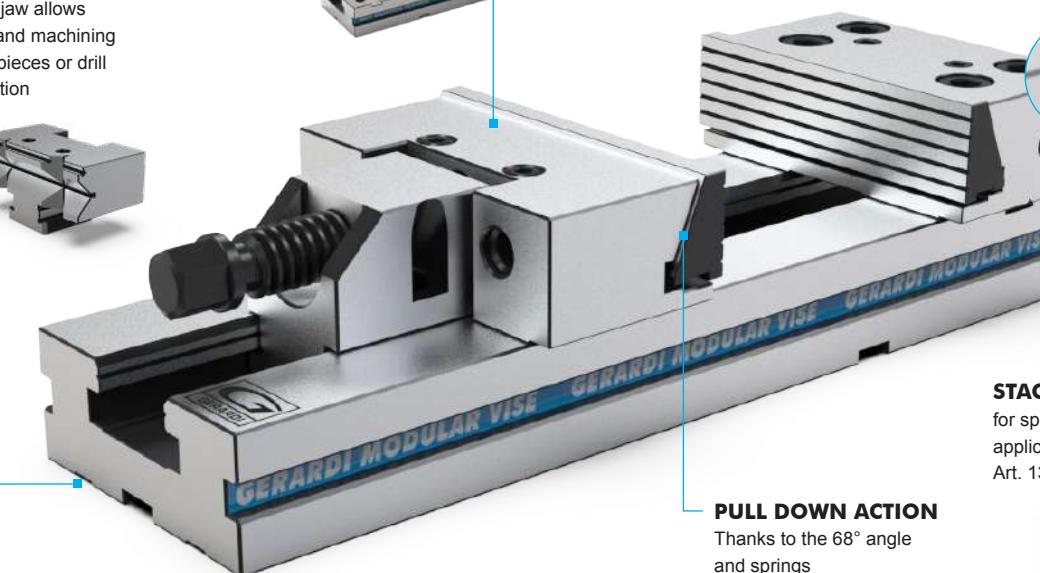
The prismatic jaw allows the clamping and machining of round workpieces or drill through operation

Art. 217



SOLID GUIDED JAWS

Both jaws bodies are built in one solid piece in order to guarantee higher rigidity & no bendings. Both jaw plates are manufactured with a pull down angle



5 mm

Supplied with Gerardi Standard Series Machine Vise:

- 1x workstop ART.370
- 1x pair of positioning key-nuts for 16 mm slot ART. 297
- 1x box wrench ART.375
- 1x T wrench ART.376



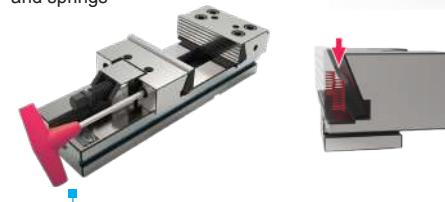
STACK TYPE JAW

for special application
Art. 138



PULL DOWN ACTION

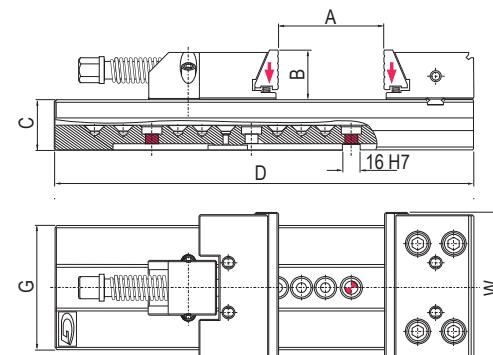
Thanks to the 68° angle and springs



Release the screw so the jaw plate will drag downward the workpiece

STANDARD SERIES VISES - ART. 1

Vise Size	A	W	B	C	D	G	Kg	Cod.
1 (16kN)	100	100	30	35	270	75	6.8	3.01.0000
2 (25kN)	150	125	40	40	345	95	12.9	3.02.1000
3 (30kN)	200	150	50	50	420	125	25.5	3.03.2000
	300				520		29	3.03.3000
4 (30kN)	200				455		37	3.04.2000
	300	175	60	58	555	145	42	3.04.3000
	400				655		47	3.04.4000
5 (40kN)	300				595		69	3.05.3000
	400	200	65	70	695	170	74	3.05.4000
	500				795		79	3.05.5000
6 (40kN)	600				935		135	3.06.6000
	700	300	80	78	1035	195	145	3.06.7000
	800				1135		155	3.06.8000





[FIND OUT MORE](#)



Innovative comb system for quick pull-down jaw plate changes: the most popular

XL SERIES VISES FOR THE LARGEST WORKPIECES

XL SINGLE OPENING (ART.21) + DOUBLE OPENING (ART.30) VISES

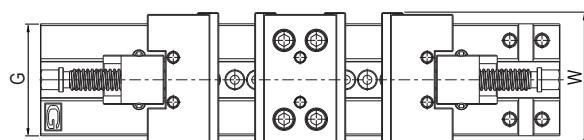
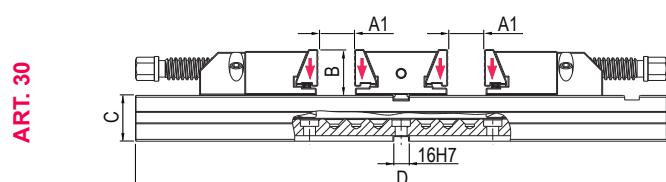
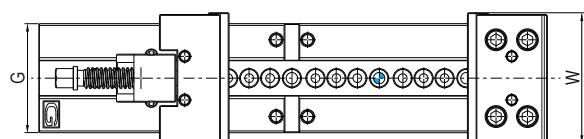
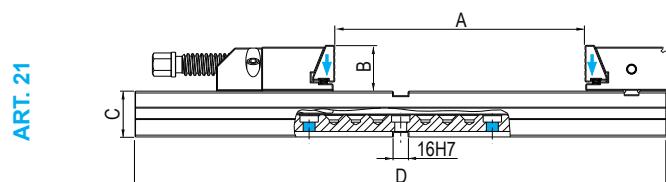
	A	W	B	C	D	G	ART. 21		ART. 30			
							Kg	Cod. 21	A1	Kg	Cod. 30	
Vise Size	1 (16kN)	290	100	30	35	460	75	10	2.21.12900	2 x 90	14.5	3.31.00600
	2 (25kN)	320	125	40	40	520	95	17	2.21.23200	2 x 100	21	3.32.10600
	3 (30kN)	360		150	50	50	580	32	2.21.33600	2 x 110	39	3.33.20600
		460					680	35	2.21.34600	2 x 160	43	3.33.30600
	4 (30kN)	400					666	47	2.21.44000	2 x 120	59	3.34.20600
		500	175	60	58	766	145	52	2.21.45000	2 x 170	64	3.34.30600
		600					866	56	2.21.46000	2 x 220	69	3.34.40600
	5 (40kN)	600					905	69	2.21.56000	2 x 200	102	3.35.30600
		700	200	65	70	1005	170	74	2.21.57000	2 x 250	108	3.35.40600
		800					1105	79	2.21.58000	2 x 300	114	3.35.50600
	6 (40kN)	700					1100	115	2.21.67000	2 x 260	171	3.36.40600
		800	300	80	78	1200	195	125	2.21.68000	2 x 310	179	3.36.50600
		900					1300	135	2.21.69000	2 x 360	187	3.36.60600



ART. 21



ART. 30



SPARE PARTS

JAWS (*Super Narrow Width Available*)

- Fixed
 - Movable
 - Intermediate
 - Fixed with single plate
 - Fixed with double plate
 - Stack Type Jaws

JAWS PLATES

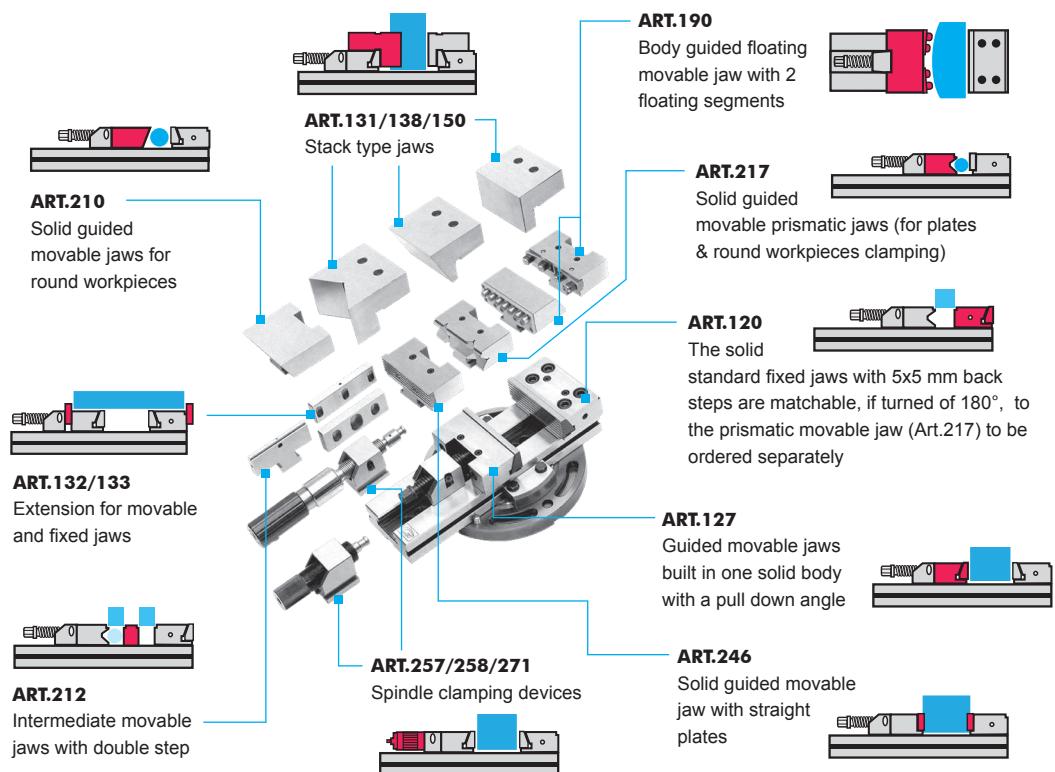
- Pull down
 - Straight
 - Quick manual change
(StandardFlex Only)
 - Integral GRIP
 - GRIP Inserts

POSSIBILITY

- Side mounting or gang operation
 - Zero Point ready
 - Vise tower
 - Automatic dividing head
 - Mechanical dividing head

TYPE

- Smooth
 - Grooved (Standard Only)
 - Serrated
 - Machineable



PRECISION MODULAR VISES



— STDFLEX SERIES

QUICKEST JAW PLATES CHANGE!

TECHNICAL FEATURES & ADVANTAGES

- No wear
- Quick clamping
- Modularity & versatility
- Highest accuracies $\pm 0,02$ mm
- Rigidity & safety
- Space saving design & handy

HIGHEST REPOSITIONING ACCURACY $\pm 0,005$ mm

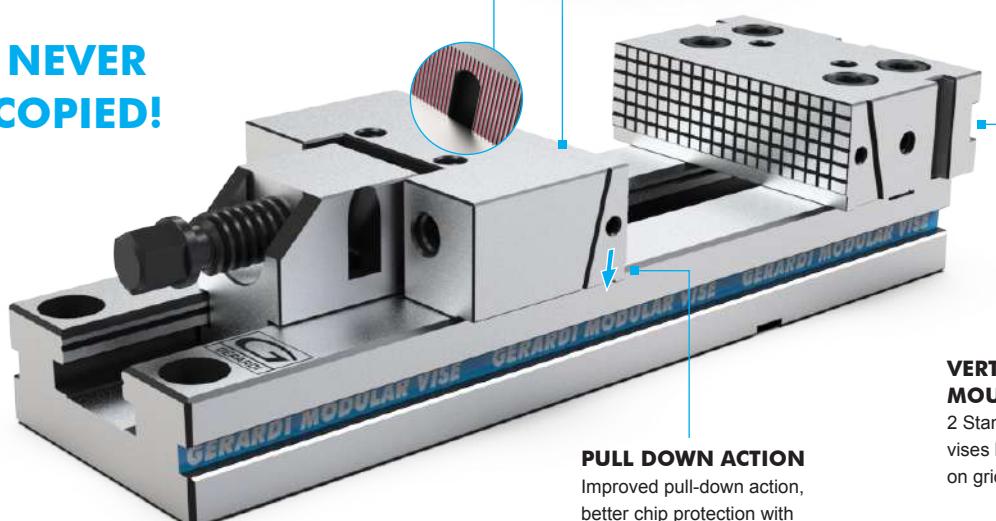


Accuracy
 $\pm 0,02$ mm



Hardened
HRC 58 \pm 2

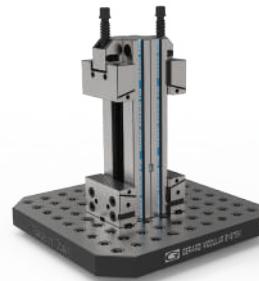
NEVER COPIED!



PULL DOWN ACTION
Improved pull-down action, better chip protection with the comb system and greater efficiency in clamping

Supplied with Gerardi StandardFLEX Machine Vise:

- 1x workstop ART.370
- 1x pair of positioning key-nuts for 16 mm slot ART. 297
- 1x box wrench ART.375
- 1x T wrench ART.376

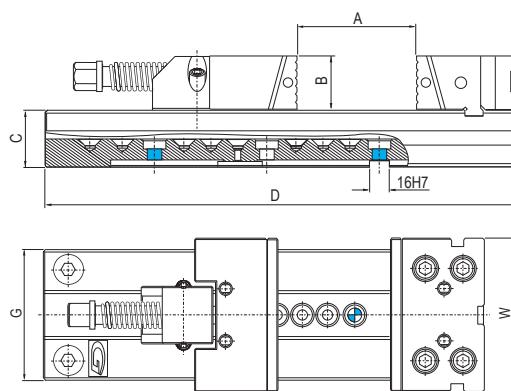


VERTICAL MOUNTING

2 StandardFlex vises back to back on grid base

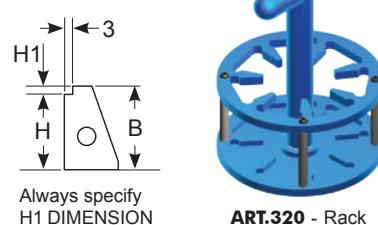
STANDARD FLEX VISES - ART.1A

Vise Size	A	W	B	C	D	G	Kg	Cod.
1 (16kN)	100	96	28	35	270	75	6,8	1.1A.10000
2 (25kN)	150	121	38	40	345	95	12,9	1.1A.20000
3 (30kN)	200	146	48	50	420	125	25,5	1.1A.32000
	300				520		29	1.1A.33000
4 (30kN)	200				455		37	1.1A.42000
	300	171	58	58	555	145	42	1.1A.43000
	400				655		47	1.1A.44000
5 (40kN)	200				495		64	1.1A.52000
	300	196	63	70	595	170	69	1.1A.53000
	400				695		74	1.1A.54000
6 (40kN)	400				735		115	1.1A.64000
	500	296	78	78	835	195	125	1.1A.65000
	600				935		135	1.1A.66000



STEP COMB INTERCHANGEABLE JAW PLATE - ART.230E

Vise Size (W)	H	H1	B	H1 - Heights Step Jaws Included in the set						Always specify H1 DIMENSION	Cod.
1 (95)	23	5	28	3x2	5x2	8x2	13x2	-	-	ART.320 - Rack	4.23.0E101
2 (120)	33	5	38	3x2	5x2	8x2	13x2	18x2	23x2		4.23.0E201
3 (145)	43	5	48	3x2	5x2	8x2	13x2	18x2	23x2		4.23.0E301
4 (170)	53	5	58	3x2	5x2	8x2	13x2	18x2	23x2		4.23.0E401
5 (195)	53	10	63	3x2	5x2	10x2	13x2	18x2	23x2		4.23.0E501
6 (295)	68	10	78	3x2	5x2	10x2	13x2	18x2	23x2		4.23.0E601



FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



FIND OUT MORE

Innovative comb system for quick pull-down jaw plate changes: the perfect mix of price+quality

XL SERIES VISES FOR THE LARGEST WORKPIECES

XL SINGLE OPENING (ART.20A) + DOUBLE OPENING (ART.30A) VISES

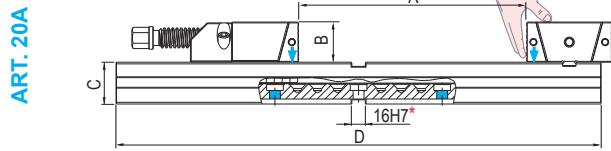
Vise Size	A	W	B	C	D	G	ART. 20A		ART. 30A		
	Kg	Cod. 21	A1	Kg	Cod. 30						
1 (16kN)	290	96	28	35	460	75	6.8	2.20.A1290	2 x 90	8,1	2.30.A1900
2 (25kN)	320	121	38	40	520	95	12.9	2.20.A2320	2 x 100	15,8	2.30.A2100
3 (30kN)	360	146	48	50	580	125	25.5	2.20.A3360	2 x 110	31,5	2.30.A3110
	460				680		29	2.20.A3460	2 x 160	35	2.30.A3160
4 (30kN)	400				666		37	2.20.A4400	2 x 120	46,3	2.30.A4120
	500	171	58	58	766	145	42	2.20.A44500	2 x 170	51,3	2.30.A4170
	600				866		47	2.20.A4600	2 x 220	56,3	2.30.A4220
5 (40kN)	600				905		69	2.20.A5600	2 x 200	84	2.30.A5200
	700	196	63	70	1005	170	74	2.20.A5700	2 x 250	89	2.30.A5250
	900				1205		84	2.20.A5900	2 x 350	99	2.30.A5350
6 (40kN)	700				1100		115	2.20.A6700	2 x 260	145	2.30.A6260
	800	296	78	78	1200	195	125	2.20.A6800	2 x 310	155	2.30.A6310
	900				1300		135	2.20.A6900	2 x 360	165	2.30.A6360



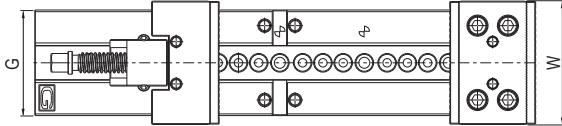
ART. 20A



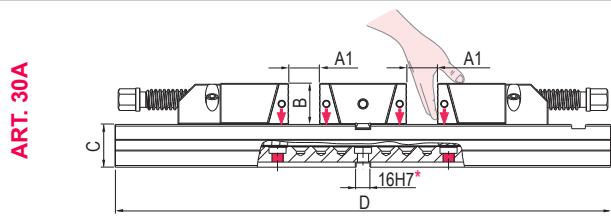
ART. 30A



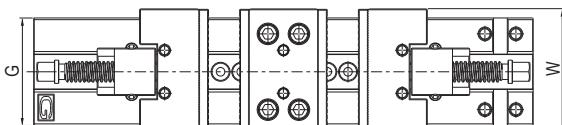
ART. 20A



* Normal version: 16H7 slot and calibrated holes Ø8F7 (t.1) - Ø16F7 (t. 2-3-4-5-6)
Add 1 movable jaw to turn into a double XL vise



ART. 30A



* Normal version: 16H7 slot and calibrated holes Ø8F7 (t.1) - Ø16F7 (t. 2-3-4-5-6)
Remove 1 movable jaw to turn into a single XL vise

SPARE PARTS

PULL DOWN JAWS PLATES INTERCHANGEABLE BY HAND

ART.242G/246G With grip inserts with magnetic parallel. Normal & Narrow Width	ART.210 Solid guided movable for round workpieces	ART.160 Fixed machineable. Normal width (W3)	ART.192 Floating movable with two floating elements and spherical smooth points	ART.200 Fixed. Normal width (W3)	ART.212 Intermediate movable (to be used with Art. 313)	ART.217 Prismatic guided movable	ART.313/314 Pair of guided parallels magnetic. Normal & angular

JAW PLATES COMPATIBLE ONLY WITH STDFLEX VISES

ART.230SLD Discharged comb jaw plate	ART.230B Soft comb interchangeable jaw plate	ART.230C Smooth comb interchangeable jaw plate	ART.230D Serrated comb interchangeable jaw plate	ART.230E Step comb interchangeable jaw plate	ART.230F Prismatic comb interchangeable jaw plate	ART.230G 90° interchangeable comb jaw plate	ART.230H Round comb interchangeable jaw plate

PRECISION MODULAR VISES



— MODULAR ELEMENTS

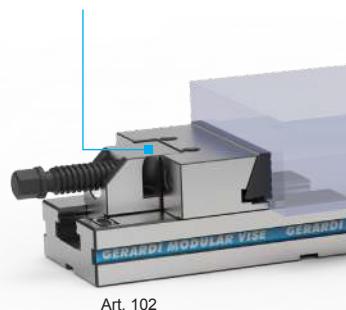
Accuracy
 $\pm 0,02\text{mm}$

HRC
Hardened
HRC 58±2

VISE SECTIONS FOR SPECIAL APPLICATIONS

QUICK CLAMPING

Thanks to the clamping device sliding in the vise base slide (compact rack type) till the proximity of the workpiece. The clamping is completed with the main screw



Art. 102



Art. 102

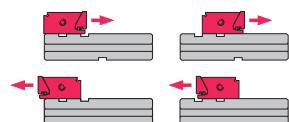
BASE VERSATILITY

Vise bases or base extensions are built with longitudinal and cross keyways in order to be aligned with the machine axis



DOUBLE POSITION

The fixed jaw can be positioned, thanks to the double key nuts, both inside and outside the vise base, allowing for clamping even workpieces directly on the machine table



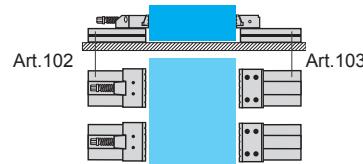
Art. 102

Art. 104

Art. 104

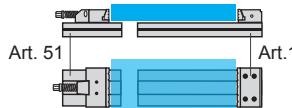
Besides the manual mechanic system, 4 further interchangeable and independent clamping systems are available: hydraulic, pneumatic, manual hydraulic, electrical hydraulic. The change needs only few seconds

CLAMPING APPLICATIONS



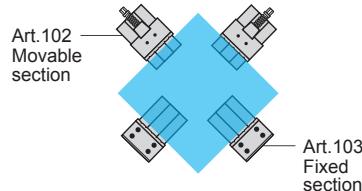
EXAMPLE #1

Huge workpieces clamped directly on the machine table



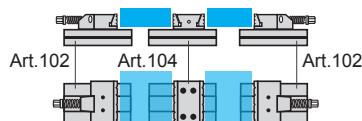
EXAMPLE #2 ART.1 + ART.51

Art.258 + Art.127 assemble them on a extension base Art.51 for long workpieces



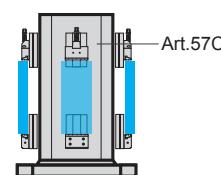
EXAMPLE #3

Medium size workpieces clamped directly on the vise sections



EXAMPLE #4

Double fixed vise section Art.104 + 2 movable vise sections Art.102



EXAMPLE #5

Modular elements assembled on cross cube type Art.57C

**CUSTOMIZED SOLUTIONS
FOR ALL YOUR
CLAMPING PROBLEMS**

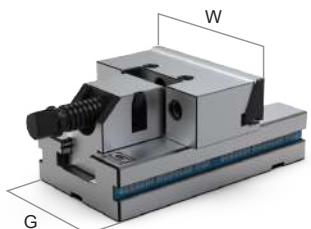
FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



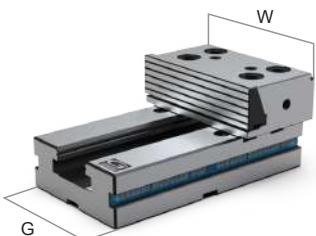
FIND OUT MORE

Wide range of standard elements to clamp special applications

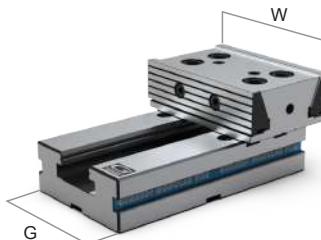
INDEPENDENT ELEMENTS FOR SPECIAL APPLICATIONS



ART. 102 ART. 102A



ART. 103 ART. 103A



ART. 104 ART. 104A

Vise Size	W	G
1	100	75
2	125	95
3	150	125
4	175	145
5	200	170
6	300	195

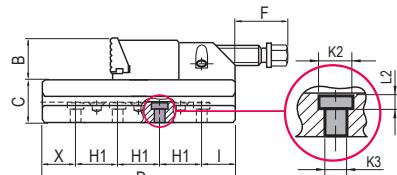
Gerardi modular elements allow perfect clamping of big workpieces which need the heaviest machining using the machine table as surface. Modular Elements are a solution for a wide range of applications and, with the many reference points available, it is a perfect complement or alternative to single or double vises.

- No Wear - 100% HRc60 Hardened Steel
- Quick Clamping
- Modularity & Versatility
- Highest Accuracies ± 0.02 mm
- Rigidity & Safety
- Space Saving Design

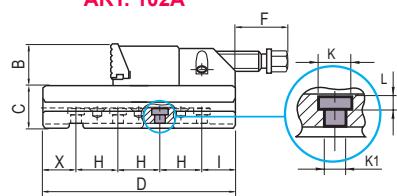
Also available in **StandardFlex** versions with quick-change jaw plates: Art.102i / Art.102Ai, Art.103i / Art.103Ai, Art.104i / Art.104Ai

MOVABLE JAW SECTION - ART.102/102A (GRID)

Vise Size	B	C	D	F	Kg	ART. 102						ART. 102A									
						H	I	K10	KØ	L	X	M*	Cod. 102	H1	I	K2Ø	K3Ø	L2	X	M*	Cod. 102A
1	30	35	140	55	3,4	40	29	6,5	10,5	4,5	31	3	2.10.21000	50	54	25	16 ^{E7}	8	36	2	2.10.2A100
2	40	40	160	83	6,3	40	39	8,5	13,5	5,5	41	3	2.10.22000	50	39	25	16 ^{E7}	8	21	3	2.10.2A200
3	50	50	230	82	14,2	50	40	13	19	8,5	40	4	2.10.23000	50	40	25	16 ^{E7}	10	40	4	2.10.2A300
4	60	58	240	62	20,8	50	82,5	13	19	8,5	57,5	3	2.10.24000	50	57,5	25	16 ^{E7}	10	32,5	4	2.10.2A400
5	65	70	300	92	35	100	50	17	26	17	50	5	2.10.25000	100	69	25	16 ^{E7}	10	31	3	2.10.2A500
6	80	78	350	70	60	100	83	17	26	17	67	5	2.10.26000	100	83	25	16 ^{E7}	10	67	3	2.10.2A600



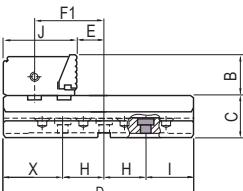
ART. 102A



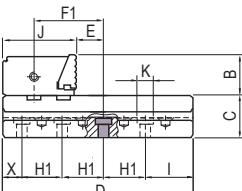
ART. 102

FIXED JAW SECTION - ART.103/103A (GRID)

Vise Size	J	E	F1	I	Kg	ART. 103						ART. 103A					
						X	H	M*	Cod. 103	X	H1	M*	Cod. 103A	X	H1	M*	Cod. 103A
1	77,9		76	29	3,3	31	40	3	2.10.31000	61	50	2	2.10.3A100				
2	77,9		76	49	5,8	31	40	3	2.10.32000	21	50	2	2.10.3A200				
3	89,4	33,6	84,5	57,5	12,6	72,5	50	3	2.10.33000	72,5	50	3	2.10.3A300				
4	96,9		89	61	17,8	79	50	4	2.10.34000	29	50	4	2.10.3A400				
5	113,4		100	55	29,8	45	100	5	2.10.35000	45	100	3	2.10.3A500				
6	120,4		107	95	50,5	52	100	5	2.10.36000	52	100	3	2.10.3A600				



ART. 103



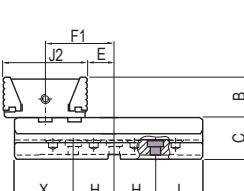
ART. 103A

W, G, B, C & D are as the table above

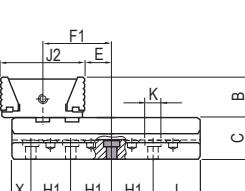
*M = Number of Holes

DOUBLE FIXED JAW SECTION - ART.104/104A (GRID)

Vise Size	J2	E	Kg	ART. 104				ART. 104A			
				M*	Cod. 104	M*	Cod. 104A	M*	Cod. 104A	M*	Cod. 104A
1	84,8		3,4	3	2.10.41000	2	2.10.4A100				
2			6	3	2.10.42000	2	2.10.4A200				
3	101,8	33,6	13,3	3	2.10.43000	3	2.10.4A300				
4	110,8		18,8	4	2.10.44000	4	2.10.4A400				
5	132,8		30	5	2.10.45000	3	2.10.4A500				
6	146,8		52,5	5	2.10.46000	3	2.10.4A600				



ART. 104

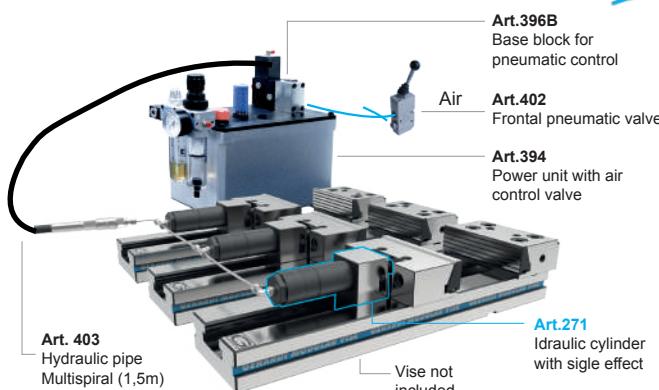


ART. 104A

W, G, B, C, D, F1, X, H & I are as the tables above

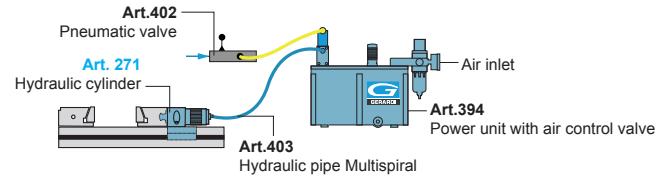
*M = Number of Holes

PNEUMO-HYDRAULIC AUTOMATIC POWER UNIT KIT



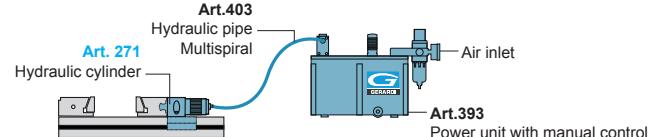
	Cod. Art. 390	Cod. Art. 391	Cod. Art. 392
1	4.39.01000	4.39.11000	4.39.21000
2	4.39.02000	4.39.12000	4.39.22000
3	4.39.03000	4.39.13000	4.39.23000
4	4.39.04000	4.39.14000	4.39.24000
5	4.39.05000	4.39.15000	4.39.25000
6	4.39.06000	4.39.16000	4.39.26000

ART. 392 - Pneumatic control - Single effect

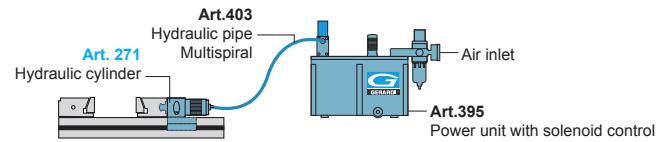


Also available units with manual and solenoid control:

ART. 390 - Manual control - Single effect



ART. 391 - Solenoid control - By cnc Single effect

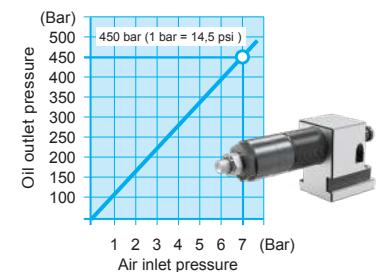


CLAMPING SUPPORT WITH HYDRAULIC CYLINDER ART. 271 (SIMPLE EFFECT) + ART.271D (DOUBLE EFFECT)

	ART. 271	ART. 271D		
Vise type (size)	Stroke	Cod.	Stroke	Cod.
1	32	2.27.11000	20	2.27.11000
2		2.27.12000		2.27.12000
3	26	2.27.13000	33	2.27.13000
4		2.27.14000		2.27.14000
5	40	2.27.15000	40	2.27.15000
6		2.27.16000		2.27.16000

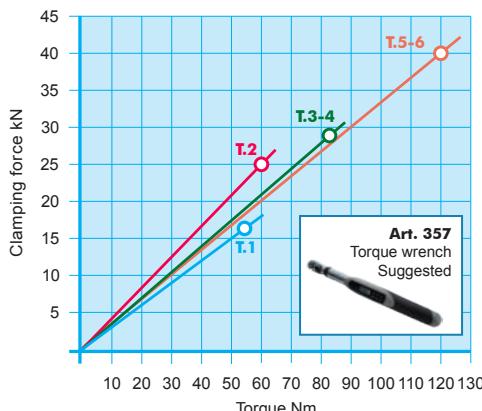
SPECIFICATION - Power unit type 450 T 2/3/4

Max permissible air pressure:	7 bar
Recommended air pressure:	5,5 bar
Recommended grade of oil: hydraulic	68 CST
Deliveries	0,9 l / min
Tank capacity	3 l
Max delta on electric pilot section:	+ 10% - 5%
Minimum pressure on pneumatic control:	5 bar
Max pressure for electrohydraulic control:	150 bar
Max permissible air pressure	4



ART. 1 / 1A / 700 - DIAGRAMS MECHANICAL CLAMPING WITH TORQUE WRENCH

The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 6) depending on the torque. Some factor as lubrication, type of clamping on the machine table, frictions and more can modify above values within a ± 10% range. For optimum operation do not exceed chart values.



STD and StandardFLEX VISES TYPE:

T.1 Screw M12 - Pitch 1,75m

T.3-4 Screw TPN24 - Pitch 5mm
Value reachable with less than 1/4 turn (Art. 375)

T.2 Screw TPN18 - Pitch 4mm

T.5-6 Screw TPN30 - Pitch 5mm

○ ○ ○ ○ = max value suggested

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



Transform your Manual Vise into Automatic

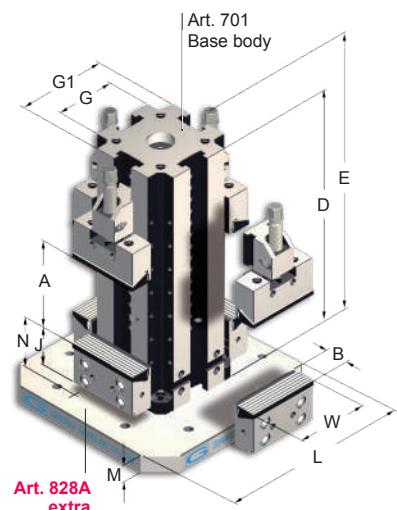
FOR ALL STANDARD & STANDARDFLEX VISSES

VISE TOWERS

MODULAR VISE TOWER IN SOLID BODY - ART.700

Vise Size	A	W	B	D	E	G	G1	J	L	M	N	Kg	Cod.
1 (16kN)	80 130	100	30	250 300	300 350	75	120	77,9	300	33	85	37 42	3.70.00801 3.70.01301
2 (25kN)	155 205	125	40	350 400	430 480	95	160	77,9	350	33	85	83 96	3.70.01552 3.70.02052
3 (30kN)	170 270 370			400	470 570	125	190	89,4	400	38	102	137 160 183	3.70.01803 3.70.02803 3.70.03803
4 (30kN)	145 245 345 445			400	475 575	145	230	96,9	450	38	111	197 230 263 296	3.70.01454 3.70.02454 3.70.034 54 3.70.04454
5 (40kN)	-	200	-	-	-	170	*	*	*	-	-	-	-
6 (40kN)	-	300	-	-	-	195	*	*	*	-	-	-	-

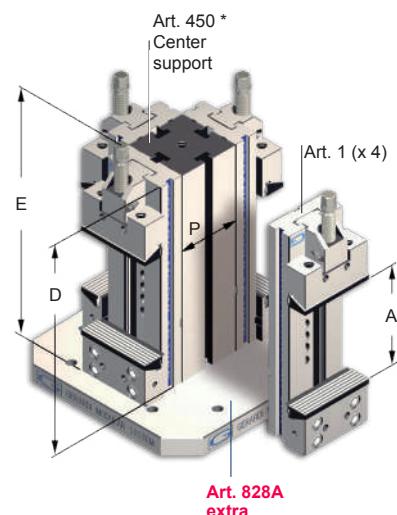
* Other dimensions on request



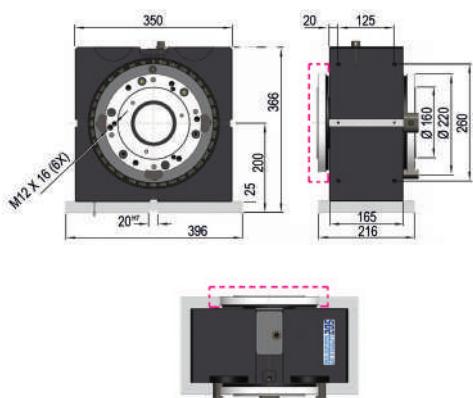
VISES VERTICALLY MOUNTED N° 4 VISSES ART. 1 + N° 1 ART. 450 - ART.750

Vise Size	A	D	E	P	Kg	Cod.
1 (16kN)	100	270 *	320	75	10	1.75.01000
2 (25kN)	150	345 *	345	95 *	19	1.75.02000
3 (30kN)	200	420	450		46	1.75.03200
	300	520	550	125		1.75.03300
	200	455				1.75.04200
4 (30kN)	300	555			68	1.75.04300
	400	655	455	145		1.75.04400
	500	755				1.75.04500
5 (40kN)	200	495				1.75.05200
	300	595	-	170	98	1.75.05300
	400	695				1.75.05400
6 (40kN)	300	635				1.75.06300
	400	735	-	195	145	1.75.06400
	500	835				1.75.06500

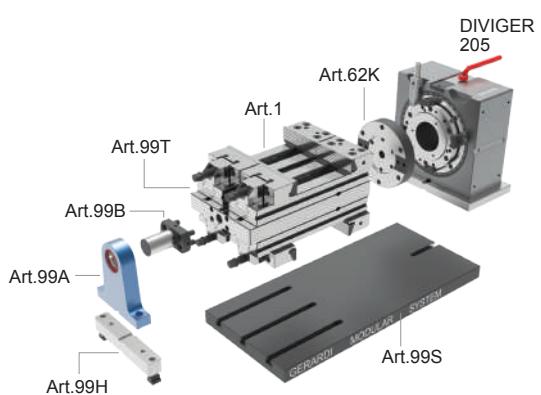
* Other dimensions on request



MECHANICAL DIVIDING HEAD DIVIGER 205



- Cost-effective on multiple-side machining
- Machine independent
- High holding torque
- Manual or CNC regulation
- 360 x 1° division
- Simultaneous clamping of 2 workpieces thanks to the dual flange
- 5 faces machining without counter-holder
- Bar machining due to hollow spindle
- To be used horizontally or vertically
- Quick change through wedge clamping



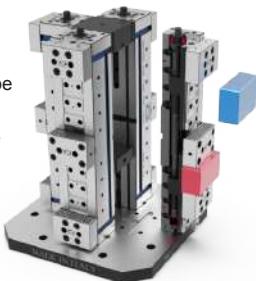
FMS SERIES



SPECIFIC FOR HORIZONTAL AND VERTICAL MACHINE CENTRES

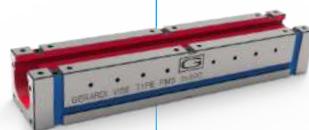
THIRD HAND SERVICE

It allows the first workpiece loaded to be clamped lightly while the second workpiece is being loaded on vertical set ups



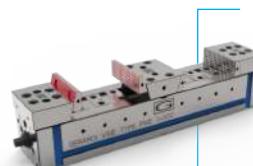
HIGHEST RIGIDITY

Higher vise base in order to guarantee a better rigidity



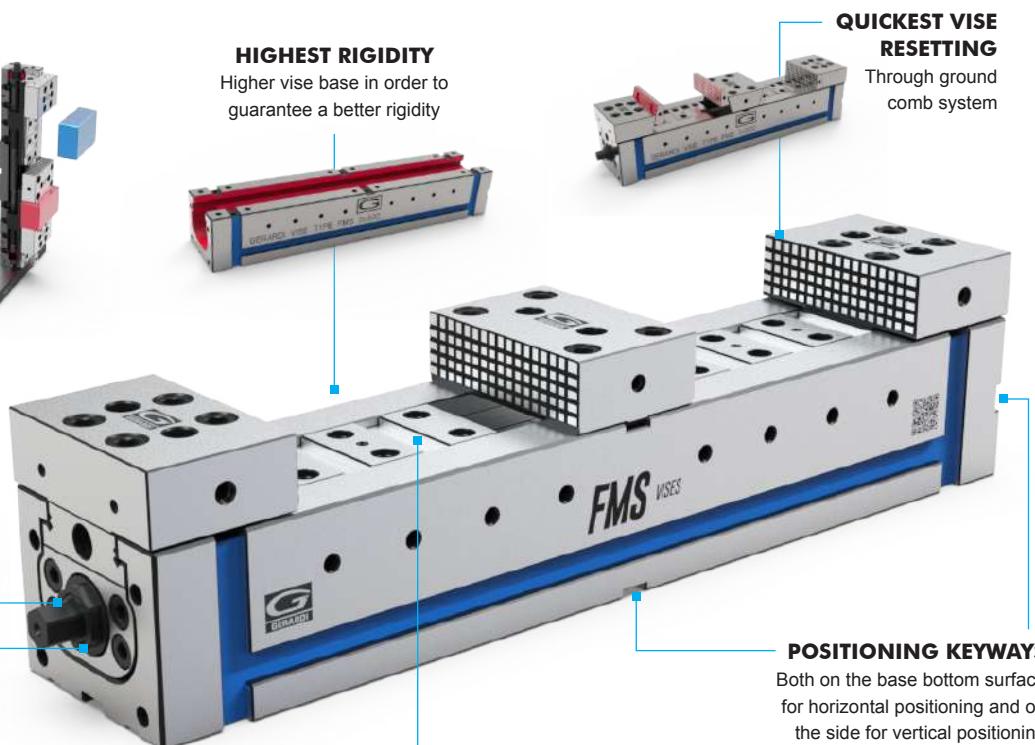
QUICKEST VISE RESETTING

Through ground comb system



3 VISES IN ONE

Single / Double / Self-Centering

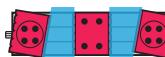


DOUBLE THREAD SPINDLE

Completely protected main spindle with left and right thread



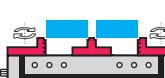
Floating Movable Jaws for irregular workpieces



Workpiece clamping on the large step

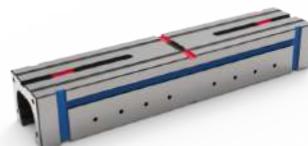


Workpiece clamping on the small step



POSITIONING KEYWAYS

Both on the base bottom surface for horizontal positioning and on the side for vertical positioning



THREE VISES IN ONE



Movable jaw
Fixed jaw

SINGLE CLAMPING

Movable jaw
Fixed jaw
Movable jaw

ART. 860

DOUBLE CLAMPING



SELF-CENTERING



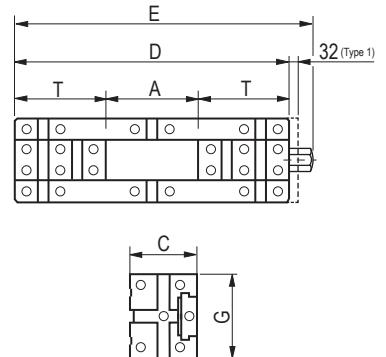
FIND OUT MORE

A versatile modular system with hundreds of jaws available

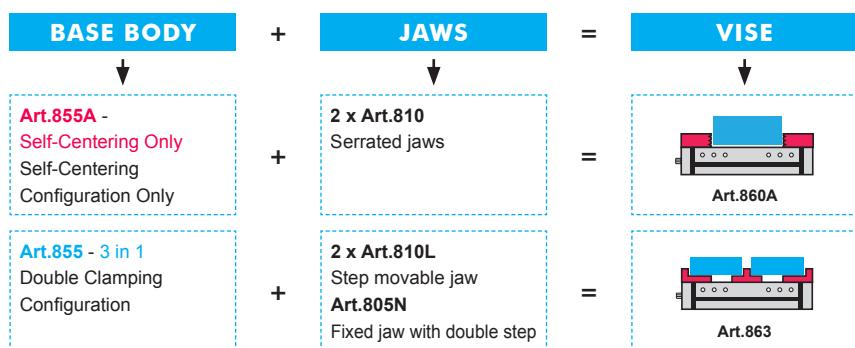
THE MOST COMPLETE VISE SERIES

BASE BODY: SELF-CENTERING ONLY (ART.855A) AND 3 IN 1 (ART.855)

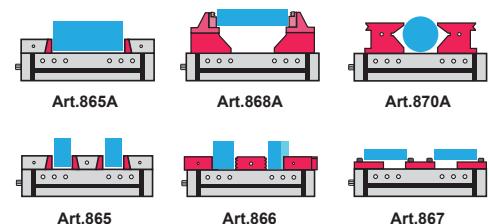
Vise Size	A	C	D	E	G	T	Kg	Cod. 855A	Cod. 855
1 (25kN)	56	70	200+32	249	75	72	7	5.85.5120A	5.85.51200
	68		300+32	349		116	10	5.85.5130A	5.85.51300
2 (25kN)	116	90	400	420	95	142	25	5.85.5240A	5.85.52400
	136		500	520		182	32	5.85.5250A	5.85.52500
3 (30kN)	136	100	500	525	125	182	45	5.85.5350A	5.85.53500
			600	625		232	50	5.85.5360A	5.85.53600
4 (30kN)	168	120	600	625	145	216	72	5.85.5460A	5.85.54600
	148		700	725		276	80	5.85.5470A	5.85.54700
5 (32kN)	152	140	600	625	170	174	115	5.85.5560A	5.85.55600
	216		700	725		242	125	5.85.5570A	5.85.55700
6 (32kN)	280	160	900	925	190	310	190	5.85.5690A	5.85.56900
	244		1000	1025		378	210	5.85.5610A	5.85.56100



COMPOSE YOUR VISE



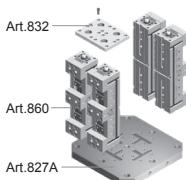
By combining the large number of jaws available you can get a vast number of vises to match all your needs! These are just some of the many possible combinations:



VICE TOWERS CROSS MOUNTED

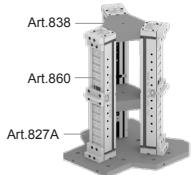
Example 1 N° 4 FMS VISES (Art. 860): cross-mounted on base plate (Art. 827A) with spacers (Art. 835)

Vise Size	A	G	C	D	D1	E	F	L	Kg
1 (25kN)	2 x 66	75	70	332	365	349	300	215	81
2 (25kN)	2 x 154	95	90	500	533	520	350	275	181
3 (30kN)	2 x 174	125	100	600	638	625	400	325	272
4 (30kN)	2 x 203	145	120	700	738	725	450	385	420
5 (32kN)	2 x 188	170	140	700	738	725	500	450	642
6 (32kN)	2 x 288	190	160	925	963	925	630	510	1.044



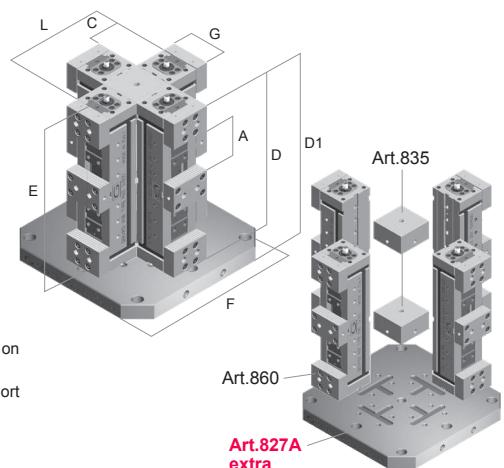
N° 4 FMS VISES
cross-mounted back-to-back, side by side, on
base plate (Art. 827) with
connecting plate (Art. 832)

Example 2



N° 3 FMS VISES
vises vertically mounted on
Y base plate (Art. 827A)
with exagon center support
(Art. 838)

Example 3



FMS SOLID VICE TOWER WITH STRAIGHT JAWS FOR 4 CLAMPING STATIONS - ART.800C

Vise Size	A	A1	B	D	E	G1	L	M	W	Kg	Cod.
1 (25kN)	85	115	25	200	232	120	300	33	74	30	5.80.0C120
	185			300	332					45	5.80.0C130
2 (25kN)	270	130	30	400	420	175	350	33	94	70	5.80.0C240
	370			500	520					88	5.80.0C250
3 (30kN)	330	170	40	500	525	210	400	38	124	112	5.80.0C350
	430			600	625					135	5.80.0C360
4 (30kN)	400	509	50	600	625	245	450	38	144	210	5.80.0C460
	500			700	725					252	5.80.0C470
5 (32kN)	380	630	60	600	625	280	500	38	169	260	5.80.0C560
	480			700	725					303	5.80.0C570
6 (32kN)	580	810	60	900	925	290	550	38	189	562	5.80.0C690
	680			1000	1025					625	5.80.0C610

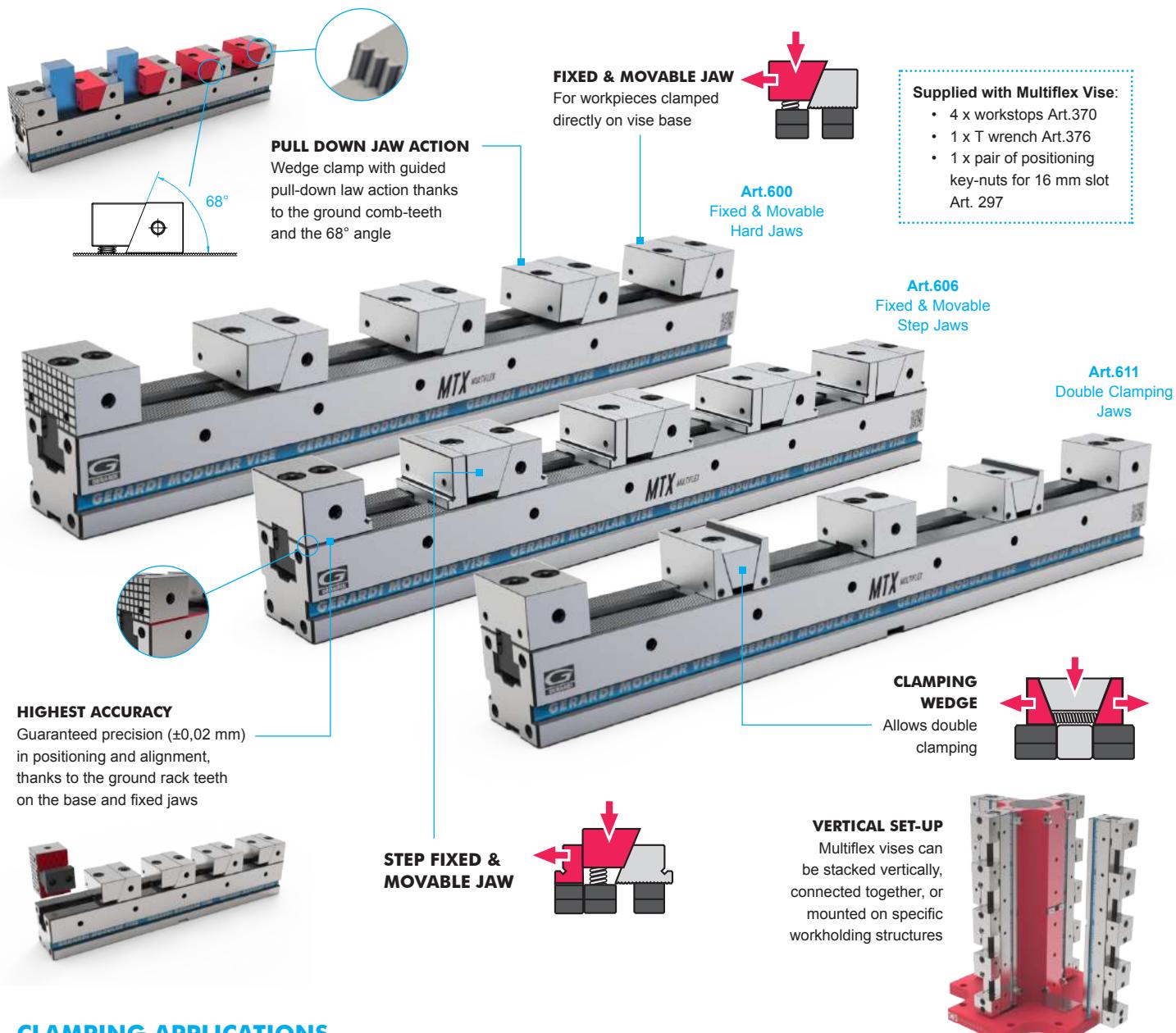


Also available as
Art.855 /
Art.855A /
Art.860 / ...

MULTIFLEX SERIES



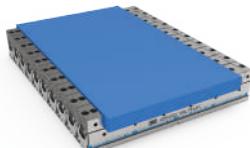
FOR MULTIPLE CLAMPING



CLAMPING APPLICATIONS

PARALLEL MOUNTING

10 vises - 1 workpiece clamped



10 vises - 4 workpieces clamped

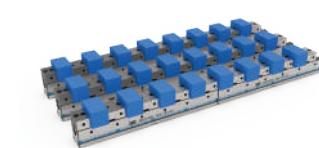


IN LINE MOUNTING

6 vises - 8 workpieces clamped



6 vises - 24 workpieces clamped



FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE

For multiple clamping from 1 to 16 workpieces of various sizes

THE MOST VERSATILE VISE SERIES



DISCOVER HOW
MANY WORKPIECE
CAN BE CLAMPED ON
EACH VISE TYPE



FIND OUT MORE

MULTIFLEX VISES

Multiflex Vise with Fixed & Movable jaws

	Jaw Height	Base Height	Length	Jaw Width	SPREAD mm	Cod. Art. 600	SPREAD mm	Cod. Art. 606	SPREAD* mm	Cod. Art. 611
Type 1 (20kN)	32/25	50	49	300	4 x 8	6.60.01300	3 x 19	6.60.61300	4 x 21	6.61.11300
				400	4 x 33	6.60.01400	4 x 23	6.60.61400	4 x 46	6.61.11400
				500	4 x 58	6.60.01500	4 x 48	6.60.61500	4 x 71	6.61.11500
				600	4 x 83	6.60.01600	4 x 73	6.60.61600	4 x 94	6.61.11600
				700	4 x 108	6.60.01700	4 x 97	6.60.61700	4 x 121	6.61.11700
Type 2 (30kN)	40	75	74	400	4 x 12	6.60.02400	3 x 31	6.60.62400	4 x 34	6.61.12400
				500	4 x 37	6.60.02500	4 x 27	6.60.62500	4 x 59	6.61.12500
				600	4 x 62	6.60.02600	4 x 52	6.60.62600	4 x 84	6.61.12600
				700	4 x 87	6.60.02700	4 x 77	6.60.62700	4 x 109	6.61.12700
				800	4 x 112	6.60.02800	4 x 102	6.60.62800	4 x 134	6.61.12800
Type 3 (40kN)	60	100	99	900	4 x 137	6.60.02900	4 x 127	6.60.62900	4 x 159	6.61.12900
				700	4 x 59	6.60.03700	4 x 44	6.60.63700	4 x 77	6.61.13700
				800	4 x 84	6.60.03800	4 x 69	6.60.63800	4 x 102	6.61.13800
				900	4 x 109	6.60.03900	4 x 94	6.60.63900	4 x 127	6.61.13900
				1000	4 x 134	6.60.03100	4 x 119	6.60.63100	4 x 152	6.61.13100



Art. 600: Hard smooth or serrated jaw



Art. 606: Step jaws

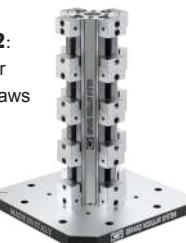


Art. 611: Double clamping jaws

MULTIFLEX TOWERS

Multiflex Tower With Fixed & Movable

	Jaw Height	Tower Base Section	Length/Height	Jaw Width	SPREAD mm	Cod. Art. 607	SPREAD mm	Cod. Art. 602
Type 1 (20kN)	32/25	100	49	300	3 x 19	6.60.71300	4 x 8	6.60.21300
				400	4 x 23	6.60.71400	4 x 33	6.60.21400
				500	4 x 48	6.60.71500	4 x 58	6.60.21500
				600	4 x 73	6.60.71600	4 x 83	6.60.21600
				700	4 x 97	6.60.71700	4 x 108	6.60.21700
Type 2 (30kN)	40	150	74	400	3 x 28	6.60.72400	4 x 12	6.60.22400
				500	4 x 24	6.60.72500	4 x 37	6.60.22500
				600	4 x 49	6.60.72600	4 x 62	6.60.22600
				700	4 x 74	6.60.72700	4 x 87	6.60.22700
				800	4 x 99	6.60.72800	4 x 112	6.60.22800
Type 3 (40kN)	60	240	99	700	4 x 39	6.60.73700	4 x 59	6.60.23700
				800	4 x 64	6.60.73800	4 x 84	6.60.23800
				900	4 x 89	6.60.73900	4 x 109	6.60.23900
				1000	4 x 114	6.60.73100	4 x 134	6.60.23100



Art. 602:
Smooth or serrated jaws



Art. 607:
Step jaws

JAW PLATES



Vise Size 1 (49)	6.60.41000	6.60.4G100	6.60.4T100	6.60.81000	6.61.4T100	6.60.51000	6.60.5S100
2 (74)	6.60.42000	6.60.4G200	6.60.4T200	6.60.82000	6.61.4T200	6.60.52000	6.60.5S200
3 (99)	6.60.43000	6.60.4G300	6.60.4T300	6.60.83000	6.61.4T300	6.60.53000	6.60.5S300



Vise Size 1 (49)	6.60.91000	6.60.9T100	6.61.0B100	6.61.0C100	6.61.0D100	6.61.0E100	6.61.0F100
2 (74)	6.60.92000	6.60.9T200	6.61.0B200	6.61.0C200	6.61.0D200	6.61.0E200	6.61.0F200
3 (99)	6.60.93000	6.60.9T300	6.61.0B300	6.61.0C300	6.61.0D300	6.61.0E300	6.61.0F300

MULTITASKING SERIES

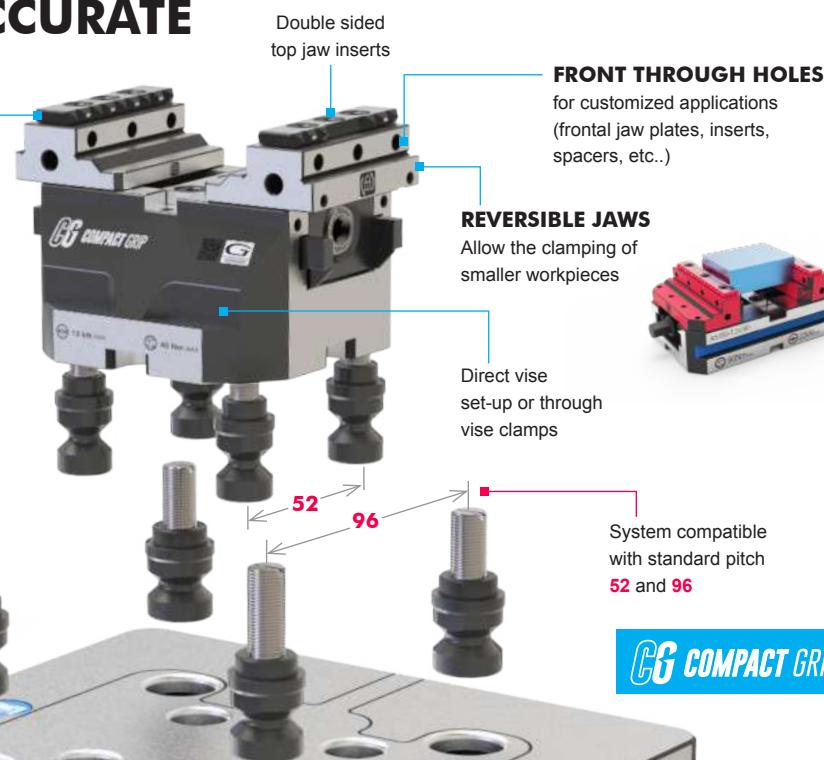


COMPACT, RIGID & ACCURATE



TOP GRIP JAW INSERTS

Easy to replace and usable on both sides. A wide range available for any type of clamping



HIGHEST CLAMPING FORCE

Significantly higher clamping power compared to existing vises, with a more compact and lighter design. This is due to the clamping screw design, positioned closer to the workpiece, and the integrated design of the slides and jaws



QUICK CHANGE PLATE

A mechanical system for the quick 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



CG COMPACT GRIP

SELF-CENTERING

Adjustment from the top by key-nuts



MTK MULTITASKING

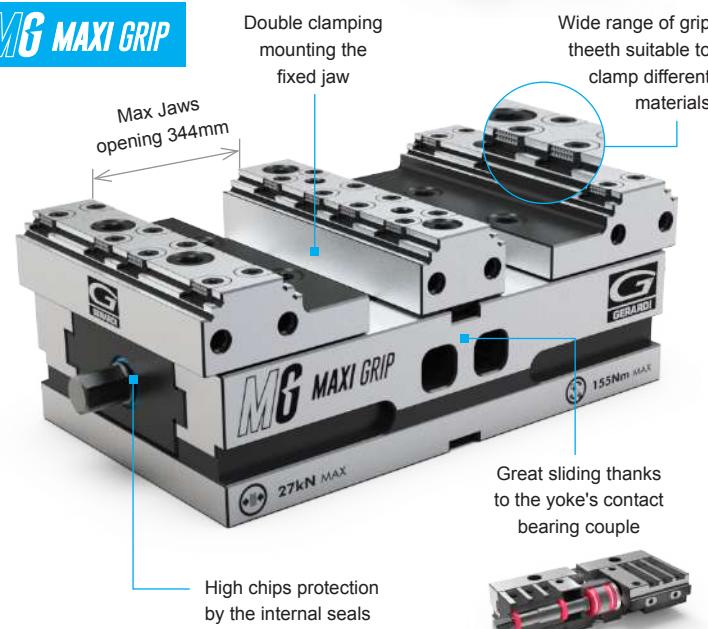


VERSATILITY

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



MG MAXI GRIP



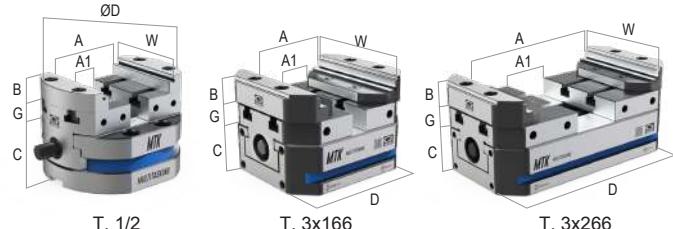
Vises for advanced applications not only on 5 axis machining centres



FIND OUT MORE

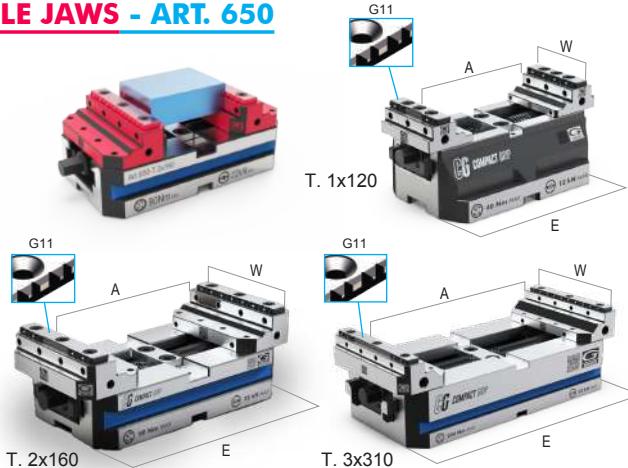
SELF-CENTERING OR ECCENTRIC VISE. MANUAL OPERATION. MECHANICAL CLAMPING - ART. 640

Type	A	Stroke A1	W	B	C	D	G	Kg	Cod.
1 (16kN)	65	20	74	15	50	Ø120	20	4,9	6.64.01000
2 (20kN)	95	40	99	20	70	Ø160	25	11	6.64.02000
3 (30kN)	108	20	138	30	58	166	25	13	7.64.03166
	208	60	138	30	58	266	25	20	7.64.03266



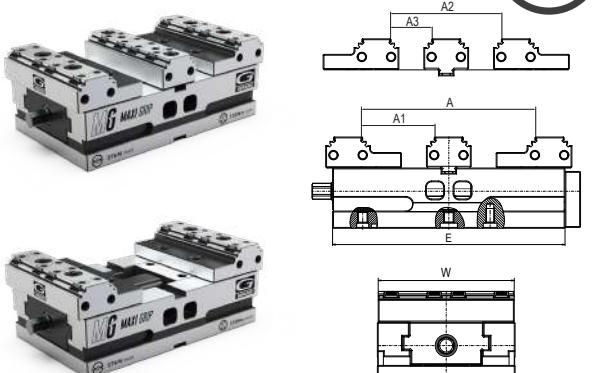
SELF-CENTERING COMPACTGRIP VISE WITH REVERSIBLE JAWS - ART. 650

Type	A	W	E	Kg	Cod.
1 (12kN)	54		80	1,9	7.65.01080
	94	50	120	2,7	7.65.01120
	134		160	3,4	7.65.01160
2 (22kN)	96		120	3,6	7.65.02120
	136	88	160	4,4	7.65.02160
	176		200	5,2	7.65.02200
3 (32kN)	216		240	5,8	7.65.02240
	133		160	9,1	7.65.03160
	183		210	10,9	7.65.03210
	233	123	260	12,8	7.65.03260
	283		310	14,8	7.65.03310
	333		360	17	7.65.03360



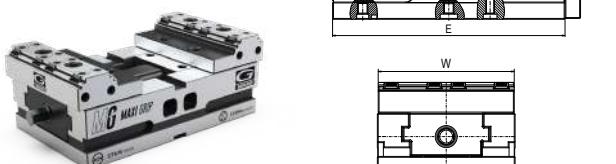
MAXIGRIP VISE - 3 CLAMPING IN 1 SELF-CENTERING, DOUBLE AND SINGLE - ART. 685

Type	A	A1	A2	A3	W	E	Kg	Cod.
4 x 270 (41kN)	200	83	104	35	158	270	28,5	76854270
4 x 420 (41kN)	344	155	248	107		420	40	76854420



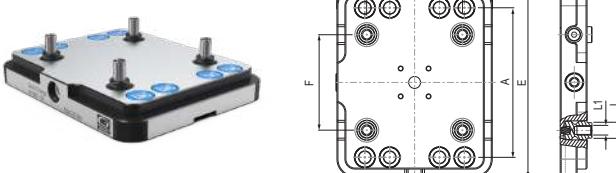
MAXIGRIP VISE ONLY SELF-CENTERING - ART. 684

Type	A	A1	A2	A3	W	E	Kg	Cod.
4 x 270 (41kN)	200	-	104	-	158	270	25	76844270
4 x 420 (41kN)	344	-	248	-		420	36	76844420



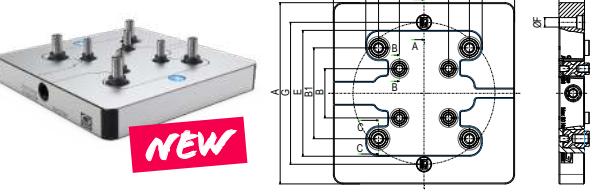
(RECTANGULAR) QUICK CHANGE PLATE - ART. 660 (SINGLE PITCH)

Type	Pitch	A	B	B1	C	D	E	F	L	L1	Kg	Cod.
1-2	52	100	50	-	27	116	150	52	Ø12 H7	M8	3	9.66.05200
3	96	150	50	100	27	156	190	96	Ø16 H7	M10	5,2	9.66.09600



(SQUARE) MACHINABLE QUICK CHANGE PLATE - ART. 662D (DOUBLE PITCH)

Type	Pitch	A	B	B1	C	D	E	F	G	Kg	Cod.
1-2-3	52/96	191,5	52	96	27	122	132	Ø10 H7	150	7,5	9662D5296



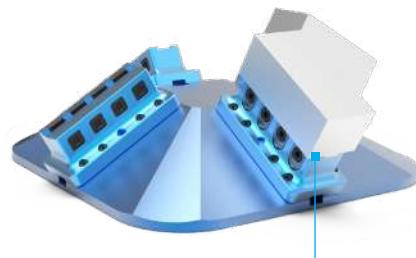
RISERS AND PYRAMIDAL SUPPORT



FIND OUT MORE

PYRAMIDAL SUPPORT

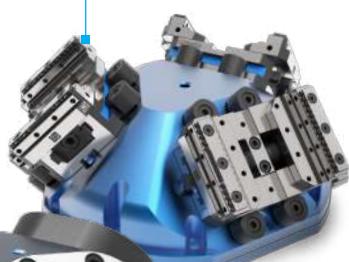
Aluminum pyramidal support, it permits the simultaneous mounting of **vises**, **plates** or **dove tail** thus increasing the working space and allowing the contemporary machining of multiple workpieces.



**ART.643H
WITH DOVE TAIL**

Type	Ø	Height	Cod.
1	235	170	7.64.3H100
2	308	135,5	7.64.3H200
3	360	190,5	7.64.3H300

**ART.643H
WITH VISES**



**ART.643H
WITH PLATES**



Standard equipment Art.643H:

- 12 x Vise holding clamps Art.298 CGR
- 1 x Eyebolt
- 1 x Centering pin
- Pair of keynutes Art.297

KIT #1 Art. 643H + N°3 Art.650 T.1x120



Cod.

6501120-G11-643H1-60

KIT #2 Art. 643H + N°3 Art.650 T.2x200

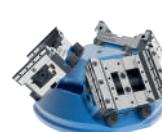


Cod.

6502200-G11-643H2-30/45

* Check the machine spindle turning

KIT #3 Art. 643H + N°3 Art.650 T.3x210



Cod.

6503210-G11-643H3-45

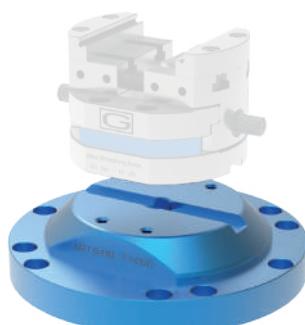
* Check the machine spindle turning

ALUMINUM RISERS

Through the elevations, by raising the vice relative to the machine base plane, it is possible to keep the force unchanged instead of raising the jaws and thus reducing the force and the accuracy. It also allows full use of the spindle strokes in the machine that might otherwise collide with the machine table. They can be used with both **vises** and **plates**.

ART.641H

For Multitasking Grip Vises Art.640 and Art.640J



Type 1-2



Type 3x166

Type 3x266

ART.651H

For Compact Grip Vises Art.650 and Art.950



Type 1



Type 2

Type 3

ART.680H

For Maxi Grip Vises Art.684 and Art.685



Type 4x270



Type 4x420

ART.661H AND ART.661HQ

For Quick Change Table Art.660



Top riser
Art.661HQ

Art.660

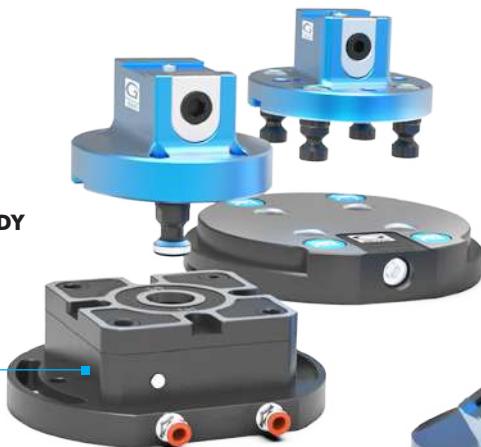
Base riser
Art.661H



FIND OUT MORE

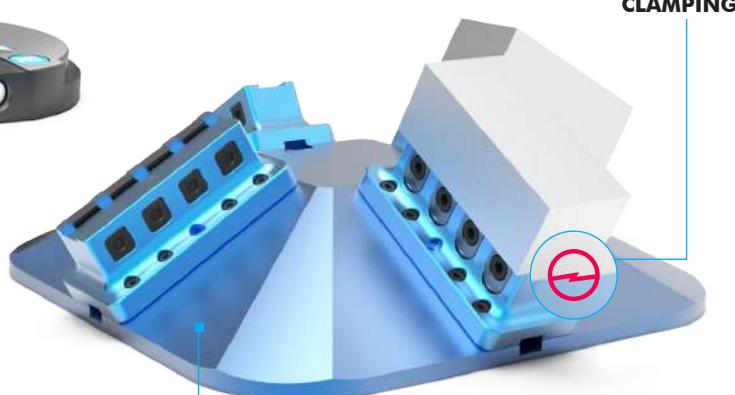
ZERO POINT AND QUICK CHANGE READY

The Dove Tail System is compatible with the widest range of Gerardi fixtures



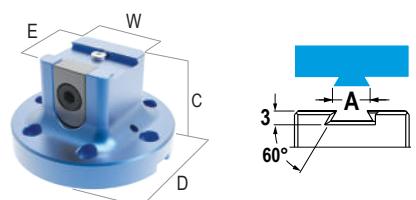
PYRAMIDAL RISER

The pyramidal riser allows the simultaneous mounting of 4 Dove tail inclined at 30° thus increasing the working space and reducing the dead times



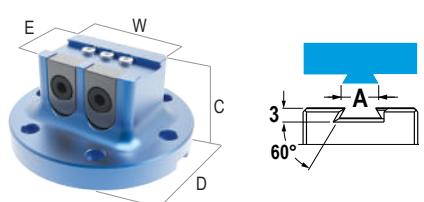
DOVE TAIL IRREVERSIBLE CLAMPING

Type	A'' Dove tail dimension (inch)	A Dove tail dimension	C	D	E	W	Shape	Kg	Cod.
1	0,281"	7,14		Ø56	20	20	○	0,3	12.690.101
2	0,375"	9,53	50	Ø76	22	22	○	0,4	12.690.201
3	0,5"	12,7		Ø86	34	34	○	0,9	12.690.301
4	0,75"	19,5		Ø116	40	40	○	1,1	12.690.401
5	1,5"	38,1	70	Ø116	70	50	○	3,2	12.690.501
6	2,25"	57,15		88x132	88	48	□	3,6	12.690.601



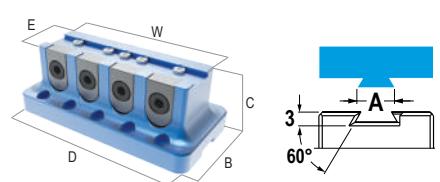
DOVE TAIL IRREVERSIBLE CLAMPING - ART. 690 (DOUBLE)

Type	A'' Dove tail dimension (inch)	A Dove tail dimension	C	D	E	W	Shape	Kg	Cod.
1	0,281"	7,14	-	-	-	-	-	-	-
2	0,375"	9,53	-	-	-	-	-	-	-
3	0,5"	12,7	50	Ø98	34	60	○	1,4	12.690.302
4	0,75"	19,5		Ø104	40		○	1,6	12.690.402
5	1,5"	38,1	70	110	70	90	□	4,4	12.690.502
6	2,25"	57,15		110x128	88		□	5,3	12.690.602

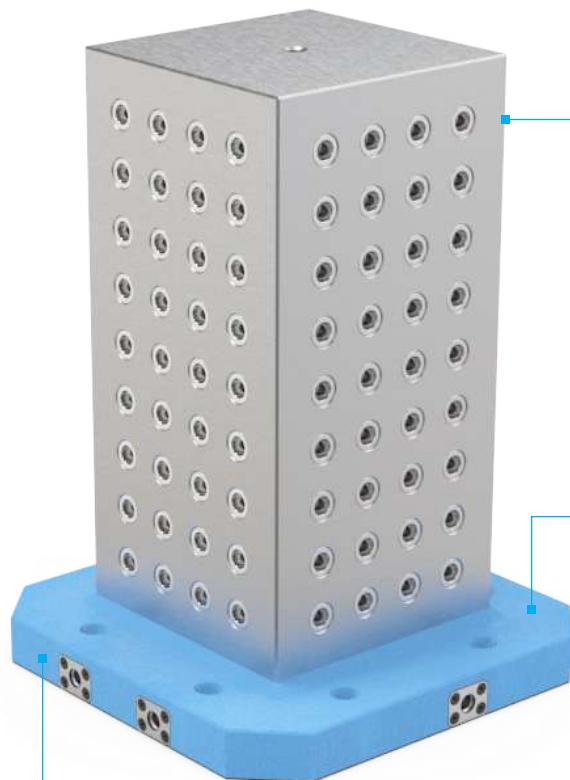


DOVE TAIL IRREVERSIBLE CLAMPING - ART. 690 (MULTIPLE)

Type	A'' Dove tail dimension (inch)	A Dove tail dimension	B	C	D	E	W	Shape	Kg	Cod.
1	0,281"	7,14	-	-	-	-	-	-	-	-
2	0,375"	9,53	-	-	-	-	-	-	-	-
3	0,5"	12,7	64	50	140	34	120	□	2,1	12.690.304
4	0,75"	19,5	70		40	40		□	2,4	12.690.404
5	1,5"	38,1	110		70	70	170	□	7,9	12.690.504
6	2,25"	57,15	128	70	190	88	170	□	9,6	12.690.604

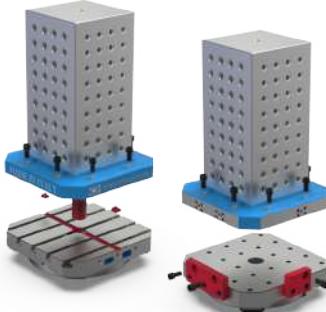


TOMBSTONE, PLATES & MACHINE PALLETS



EUROPEAN & JAPANESE

Rough casting with machined for pallets according to European or Japanese standards



SPECIAL TOMBSTONES

Tailor-made tombstones with clamping systems, designed and produced on request to optimize machine performance and capacity



THE BEST PALLET FOR YOUR HORIZONTAL MACHINING CENTRE

Solid cast iron cast G30 with double stress relieving heat treatment. Highest accuracy

DIFFERENT SHAPES

We offer cubes, two-side tombstones, angles, plates, subplates, shelves, and custom designs. These products are essential for horizontal machining centers and multipallet systems, which require sturdy structures for fixtures or workpieces



Grid Cube



Cross cube

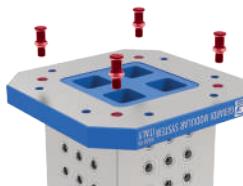


Grid angle with bushing



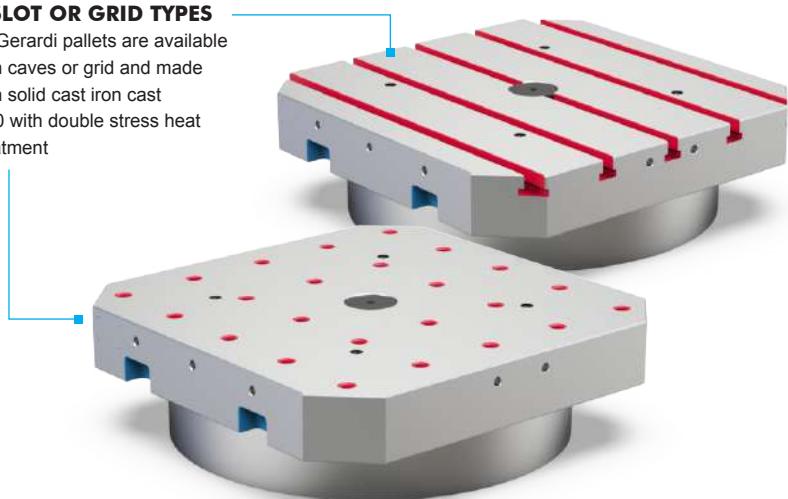
ZERO POINT READY

Base with 4 precision Ø 20F7 holes and M16 bottom threads for Zero Point use or compatibility with other pallets/head plates



T-SLOT OR GRID TYPES

All Gerardi pallets are available with caves or grid and made with solid cast iron cast G30 with double stress heat treatment



DOOSAN



DMGMORI



MANDELLI



MAKINO



MAZAK



OKUMA



KIWA

For horizontal machining centre

FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



FIND OUT MORE

CUBES AVAILABLE IN 5 DIFFERENT FINISHING

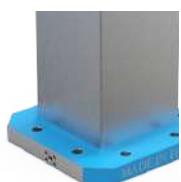


TYPE A

CAST IRON CASTING

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall thickness 43-45 mm (10 mm stock)

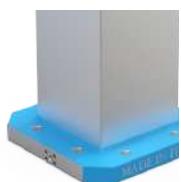
*Few highlighted items are not rough milled



TYPE B

BASE FINISHED

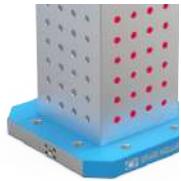
Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet.



TYPE C

COMPLETELY FINISHED

Cube completely finished with wall thickness roughly 38-40 mm. Tolerance $\pm 0,02$ mm



TYPE E

GRID CUBE

Integral cube with calibrated holes and solid threads in the casting itself. Tolerance $\pm 0,02$ mm



TYPE F

GRID CUBE WITH BUSHINGS

Integral cube with centering bushings in special hardened alloy steel 100Cr6 - DIN 179C. Inserted threads are in 18/8 stainless steel. Tolerance $\pm 0,02$ mm

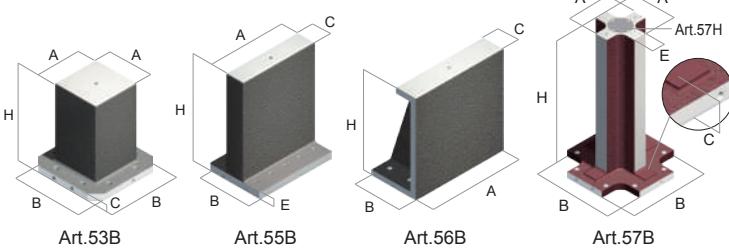


For illustrative purposes, are shown dimensions and codes of four cubes of different shapes but with the same type of finishing (B):

General tolerance +12 / -5 mm = light version

Art.	A	B	C	E	H	Kg	Cod.
53B Cubes	210	400	45	25	750	167	8.53.B10055
	260	400	45	25	850	229	8.53.B10085
	280	400	45	-	510	198	8.53.B00110
	260	500	45	25	750	234	8.53.B10105
	360	500	45	-	700	356	8.53.B00171
	360	630	45	30	950	468	8.53.B10185
	460	630	45	-	550	409	8.53.B00190
	460	630	45	-	650	463	8.53.B00200
55B 2 Sides Tombstones	460	630	45	35	950	634	8.53.B10205
	410	400	160	55	500	199	8.55.B00051
	410	400	160	50	660	244	8.55.B00052
	410	400	160	55	850	239	8.55.B10050
	510	500	160	50	700	331	8.55.B00053
	510	500	210	55	600	316	8.55.B00054
	510	500	210	55	900	402	8.55.B10085
	560	450	160	55	820	406	8.55.B00160
56B Angle	640	450	160	55	820	460	8.55.B00170
	640	450	260	65	900	564	8.55.B00171
	640	630	210	55	850	545	8.55.B00172
	640	630	210	55	950	553	8.55.B10172
	640	630	260	55	700	485	8.55.B00173
	360	450	160	65	650	232	8.55.B00180
	810	450	160	65	850	604	8.55.B00190
	350	160	45	-	250	46	8.56.B00008
57B Cross Cube	300	230	105	-	300	61	8.56.B00009
	350	240	105	-	360	80	8.56.B00010
	400	290	105	-	400	106	8.56.B00011
	200	350	35	-	700	104	8.56.B00012
	400	340	155	-	510	148	8.56.B00030
	500	350	155	-	500	176	8.56.B00031
	450	340	155	-	460	150	8.56.B00040
	450	340	155	-	610	185	8.56.B00050
	210	500	50	80	750	157	8.57.B00100
	210	500	50	80	650	142	8.57.B00105
	260	500	50	80	750	197	8.57.B00106
	280	500	50	80	850	242	8.57.B00110
	240	500	50	110	850	218	8.57.B00120
	310	500	50	150	850	269	8.57.B00130
	310	630	50	150	950	327	8.57.B00140
	380	500	50	200	950	400	8.57.B00145
	410	500	55	100	855	241	8.57.B00150

More sizes and bespoke designs on request



BASES AVAILABLE IN 5 DIFFERENT FINISHING



TYPE C

Smooth pallet base plate. Two faces ground



TYPE E

Grid type with solid calibrated holes and threads



TYPE F

Grid type with hardened bushings 100Cr6 and inox steel elicoils



TYPE G

With H7 T-slots



TYPE H

With parallel slots

Available in different shapes: square base plates, rectangular base plates, rounded base plates



ZERO POINT

GERARDI
AUTOMATION



PREMIUM



Accuracy
 $\pm 0,005\text{mm}$

NEW



STANDARD

PRODUCTION OPTIMIZATION (95% SET-UP SAVING TIME)



VERTICAL CNC

The Zero Point becomes the interface of all your fixtures and also your workpieces



HORIZONTAL CNC

The Zero Point is also a way to upgrade your existing fixtures



5TH AXIS CNC

Also on 5th axis machines the same applications are of course possible



CLAMPING FORCE INCREASE

The Double Effect allows to get clamping results much higher than the normal thanks to the non return valve. When it is operated the air adds a pneumatic clamping power which increases the normal clamping through springs



**Innovative solutions
to optimize and speed up production**



**FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE**



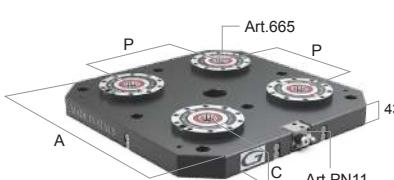
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ZERO POINT SYSTEM

	Type	Art.	Description	kN	BAR	Kg	Cod.	
NEW	Built-in mounting standard optional	2	9665P	Ermetic	from 10 to 17kN	7	7,6	9.66.5P2000
NEW	Built-in mounting standard optional (automation ready)	2	9665PS	Ermetic	from 10 to 17kN	7	7,6	9.66.5PS200
Built-in mounting for multiple applications	1	665	Ermetic	up to 12,5 kN	6	1,5	9.66.51000	
	2		Classic	up to 15 kN	7 ÷ 14	2,7	9.66.52000	
	3		Ermetic	up to 42 kN	7	5,8	9.66.53000	
Flange mounting for multiple applications	1	664	Ermetic	up to 12,5 kN	6	3,2	9.66.41000	
	2		Classic	up to 15 kN	7 ÷ 14	5,7	9.66.42000	
	3		Ermetic	up to 42 kN	7	11,2	9.66.43000	
Built-in mounting for single applications	1	665S	Ermetic	up to 12,5 kN	6	1,5	9.66.5S100	
	2			up to 26 kN	6	2,5	9.66.5S200	
	3			up to 42 kN	7	5,8	9.66.5S300	
Flange mounting for single applications	1	664S	Ermetic	up to 12,5 kN	6	3,2	9.66.4S100	
	2			up to 26 kN	6	6,5	9.66.4S200	
	3			up to 42 kN	7	6,5	9.66.4S300	



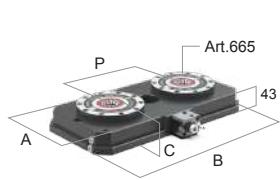
ZERO POINT BASE PLATES



ART.80P

Square Plates . Built-In Mounting

Type	kN	Material	A	C	P
1	up to 12,5 kN	Steel or Aluminum	400, 500, 630, 800	50	200, 250, 300, 350, 400, 450, 500, 550, 600
2	up to 15 kN	Steel or Aluminum	400, 500, 630, 800	58	250, 250, 300, 400
3	up to 42 kN	Steel or Aluminum	500, 630, 800	70	200, 250, 300, 350, 400, 450, 500, 550



ART.81P

Rectangular Plates . Built-In Mounting

Type	kN	Material	A	B	C	P
1	up to 12,5 kN	Steel or Aluminum	160	350, 400, 450	55	200, 250, 300
2	up to 15 kN	Steel or Aluminum	200	400, 500, 600	58	200, 250, 300
3	up to 42 kN	Steel or Aluminum	250	500, 600, 700	70	250, 300, 400



ART.72P

Rounded Plates . Flange Mounting



ART.82P

ARTICLE

Rounded Plates , Built-In Mounting

Type	kN	Material	ØA	B	N°ZP
2	up to 15 kN	Steel or Aluminum	280, 500, 420, 630, 700, 790, 1000, 900	380, 400, 500, 560, 630	1, 4, 6, 8

DOUBLE ZERO POINT

Type	Art.	kN	Material	Kg	Cod.
1		up to 12,5 kN		5,2	9.66.5T100
2	665T	up to 15 kN	Steel	9,7	9.66.5T200
3		up to 42 kN		18,8	9.66.5T300



5G
VISES

NEW



G
GERARDI

FIND OUT MORE

ADVANCED TECHNOLOGY FOR 5 AXIS MACHINE

LIFT THE WORKPIECE

Various jaw body heights for machining at any level, made of high-strength hardened steel

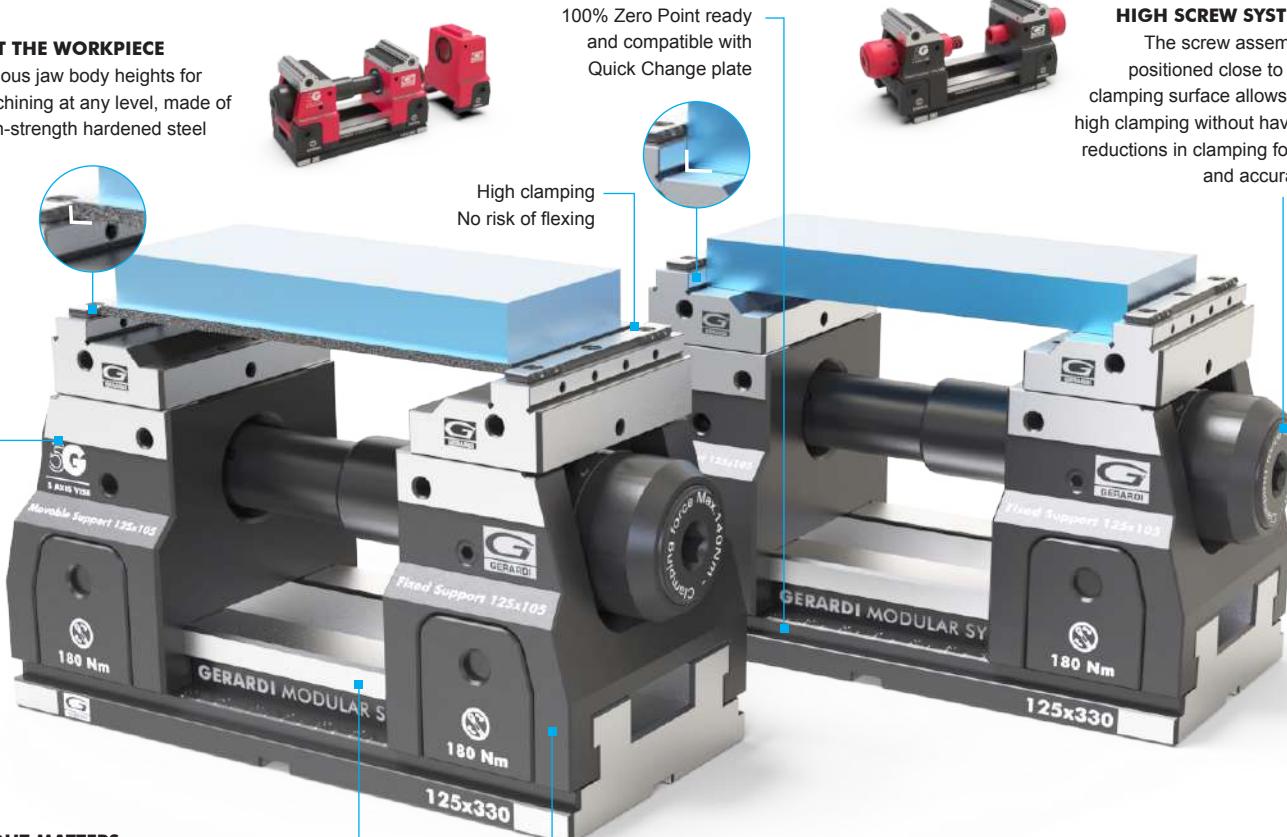


100% Zero Point ready
and compatible with Quick Change plate



HIGH SCREW SYSTEM

The screw assembly positioned close to the clamping surface allows for high clamping without having reductions in clamping force and accuracy



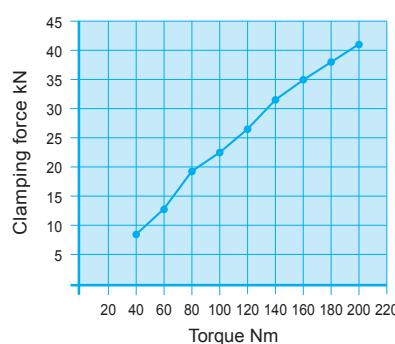
LENGTH MATTERS

You can choose different base lengths depending on the size of the parts to be clamped. The base of the 5G vice is integral and highly rigid, compatible with all positioning and quick-change systems such as zero point and tablets



FROM MOBILE TO FIXED

The vise holding clamps transform the two mobile slides into fixed supports, in order to strengthen the structure and minimize flexion during the clamping



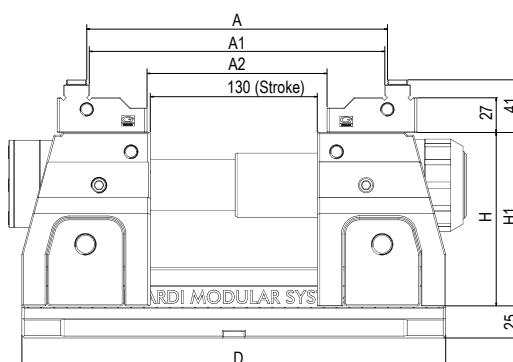
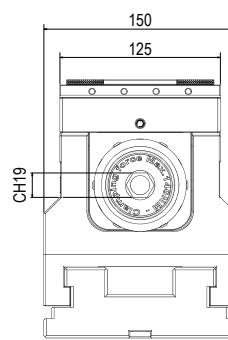
Jaw Size	H	H1	D	A	A1	A2	Cod.
125x105	105	135	330	234	230	140	5G-125-330
125x105	105	135	430	334	330	240	5G-125-430
125x105	105	135	500	404	400	310	5G-125-500
125x150	150	185	430	334	330	240	5G-125H-430
125x150	150	185	500	404	400	310	5G-125H-500
125x150	150	185	630	534	530	440	5G-125H-630

Max Torque: 200 Nm

Recommended Torque: 120 Nm

Max Clamping Force: 40 kN

Recommended Force: 26,5 kN



MAGNETIC CHUCKS

NEW

FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



FIND OUT MORE

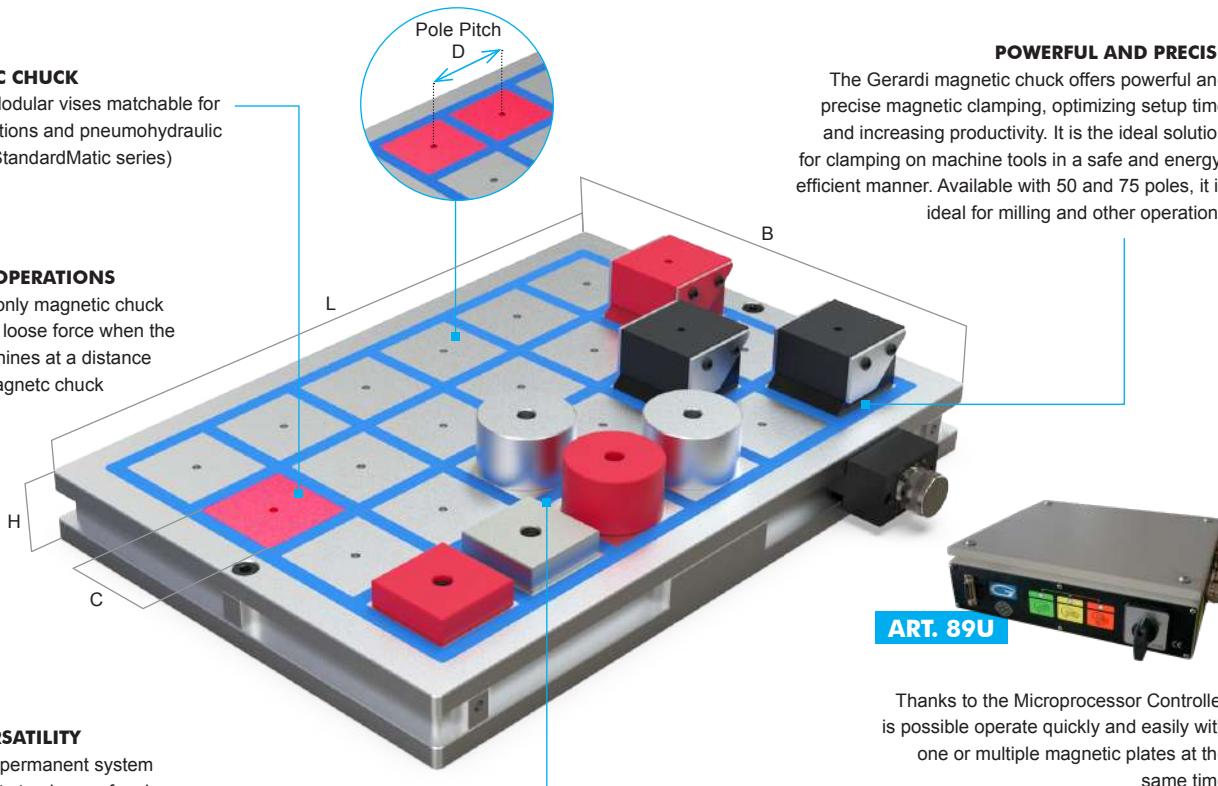
ELECTRO-PERMANENT SYSTEM FOR MILLING OPERATIONS

MAGNETIC CHUCK

Precision Modular vises matchable for gang operations and pneumohydraulic clamping (StandardMatic series)

MILLING OPERATIONS

This is the only magnetic chuck that will not lose force when the part is machined at a distance from the magnetic chuck



MORE VERSATILITY

The Electropermanent system easily adapts to pieces of various geometries and complexities

POWERFUL AND PRECISE

The Gerardi magnetic chuck offers powerful and precise magnetic clamping, optimizing setup time and increasing productivity. It is the ideal solution for clamping on machine tools in a safe and energy-efficient manner. Available with 50 and 75 poles, it is ideal for milling and other operations

ART. 89U

Thanks to the Microprocessor Controller is possible operate quickly and easily with one or multiple magnetic plates at the same time

ELECTRO-PERMANENT CHUCK POLE 50 (MAX PERFORMANCE AT 16MM HEIGHT) - ART.89P-50

B	C	D	H	L	Kg	n° Poles	P _{TOT} Kg	Cod. Art. 89P (50) For CAST IRON/STEEL Fe370 or C40	Cod. Art. 89R (50) For ALLOY STEEL as 38NiCrMo5 or 16MnCr5
325				370	42	20	8000	89P5323720	89R5323720
360				360	57	25	10.000	89P5363625	89R5363625
370				635	90	40	16.000	89P5376340	89R5376340
360	50	60	55		108	50	20.000	89P5367950	89R5367950
445				790	150	60	24.000	89P5447960	89R5447960
580					170	80	32.000	89P5587980	89R5587980
				940	200	96	38.400	89P5589496	89R5589496

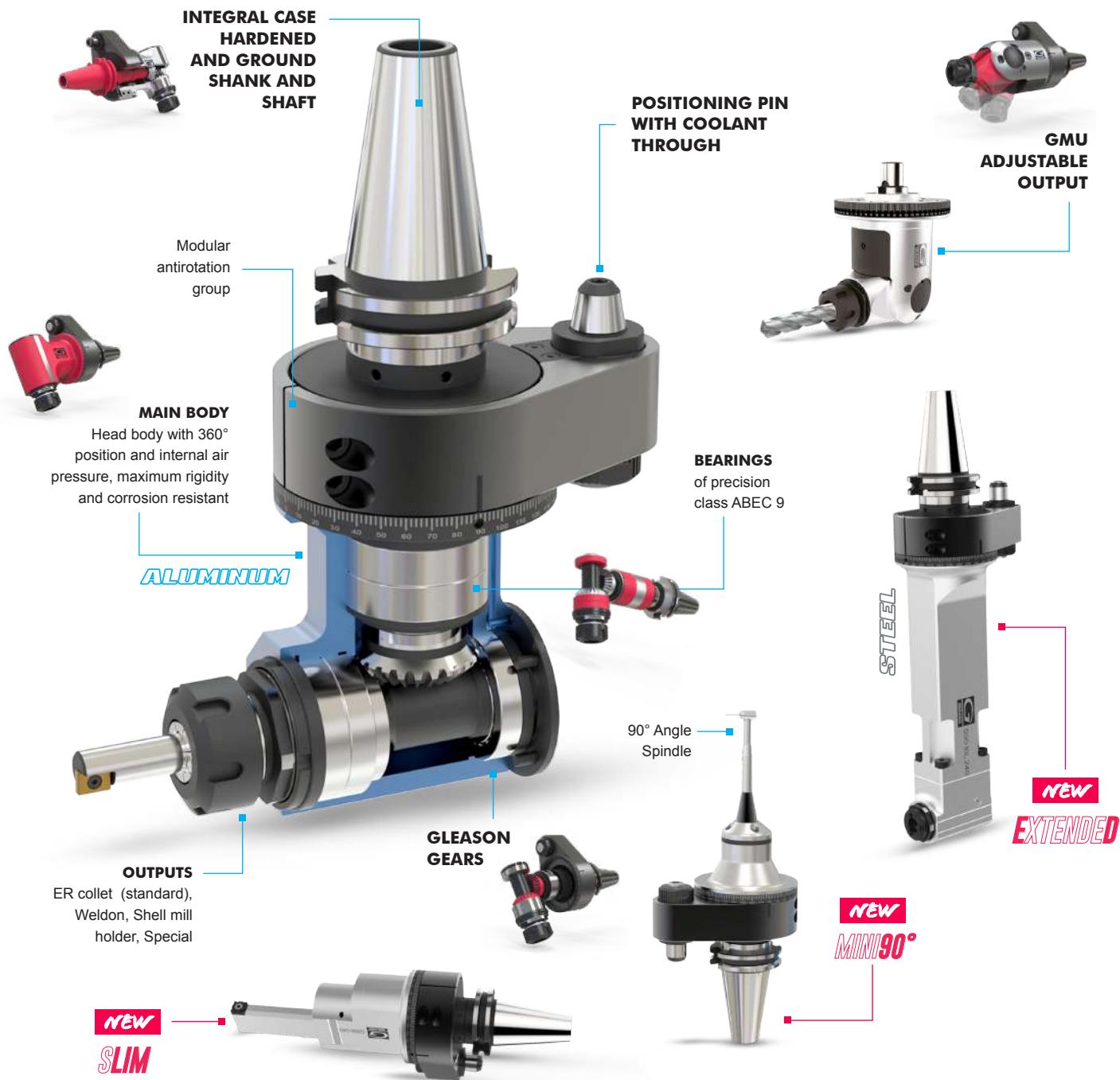
ELECTRO-PERMANENT CHUCK POLE 75 (MAX PERFORMANCE AT 25MM HEIGHT) - ART.89P-75

B	C	D	H	L	Kg	n° Poles	P _{TOT} Kg	Cod. Art. 89P (75) For CAST IRON/STEEL Fe370 or C40	Cod. Art. 89R (75) For ALLOY STEEL as 38NiCrMo5 or 16MnCr5
415				601	110	24	21.690	89P7416024	89R7416024
				815	150	32	28.800	89P7418132	89R7418132
				1.029	188			89P7411040	89R7411040
503	75	88	60	815	181	40	36.000	89P7508140	89R7508140
				1.029	228	50	45.000	89P7501050	89R7501050
				601	157	36	32.400	89P7596036	89R7596036
591				815	212	48	43.200	89P7598148	89R7598148
				1.029	267	60	54.000	89P7591060	89R7591060

ANGLE HEADS



CLASSIC LINE: INTEGRAL SYSTEM



ATC SERIES (AUTOMATIC TOOL CHANGE)

This range of heads is designed to be used on machining centres and can be automatically transferred from the tool magazine to the machine spindle and back. The main input shaft is integral with the drive taper to ensure maximum rigidity.

MTC SERIES (MANUAL TOOL CHANGE)

This is a range of heads for traditional machine tools with flange attachment. The modular system makes it possible to extend the length of the body by adding a spacer.

ALL ATC ANGLE HEADS CAN BE SUPPLIED AS MTC

FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



FIND OUT MORE

More than 1000 types available with the best price / quality ratio

INTEGRAL SHANK & SHAFT

ATC SERIES (AUTOMATIC TOOL CHANGE)

	Model	Coolant (options)	Type	Rotation	Output	Body Length	L* Body Length	Ø min**	Rpm	Nm
MINI90° Allow machinings in spaces impossible to reach	GM90-3 300S	-	1		K252	155,9	-	16	15.000	1
	GM90-3 300	-	1	↻	CHC	115	-	25	15.000/ 11.250	1
	GM90-3 200	-	1	↻	CHS	124,1	-	38	15.000/ 10.000	4
	GM90-3 100	-	1	↻	CH8	134,1	-	51	15.000/ 5.620	4
SLIM	GS90-3XS	-	1	↻	GS90-3XS	180	-	37	10.000	2.3
EXTENDED Length increased for in-depth machinings	G90-10L.240	-	1	↻	ER 16	240	-	88	6.000	10
	G90-16L.270	-	1	滴	ER 25	270	-	126	4.000	24
	G90-20L.332	-	2	↻	ER 32	332	-	164	4.000	40
	G90-30L.287	-	3	↻	ER 40	287	-	193	4.000	100
OFFSET Offset output	GR90-5	-	1	↻	P6 SCHAUBLIN	132	-	38	8.000	9
	GR90-10	-	1	↻	ER 16	122	-	66	4.000	20
	GR90-16	-	1	↻	ER 25	132	-	82	4.000	20
	GR90-20	-	4	↻	ISO/CAT/BT40	162	-	148	4.000	140
DOUBLE Double output	G90-16 2U	-	1	↻	ER 25	82	152	167	4.000	24
	G90-20 2U	-	2	⟳	ER 32	92	172	212	4.000	40
	G90-30 2U	-	3	⟳	ER 40	107	177	246	4.000	100
LIGHT Ideal for milling, drilling and tapping at ±90°	GL90-7	-	0	↻	ER 11	107	-	65	10.000	5
	GL90-10	-	0	滴	ER 16	87	-	88	10.000	10
	GL90-16	-	1	↻	ER 25	82	-	129	8.000	24
	GTU-10	-	0	↻	ER 16	87	-	134	6.000	10
STD 90° 90° machining	G90-5	-	1	⟳	ER 8	110	-	53	10.000	4
	GM90-5	-	1	↻	ER 8	110	-	53	10.000	4
	G90-7	-	1	↻	ER 11	102	147	68	10.000	5
	G90-10	-	1	滴	ER 16	82	157	88	10.000	10
	G90-16	-	1	↻	ER 25	82	152	130	8.000	24
	G90-20	-	2	⟳	ER 32	92	172	164	4.000	40
	G90-30	-	3	⟳	ER 40	107	177	192	4.000	100
	G90-S40	-	4	⟳	ISO40/CAT/BT40	110	170	192	4.000	140
	GMU-13	-	0	⟳	ER 20	67	130	120	4.000	6
	GMU-16	-	1	↻	ER 25	82	-	142	4.000	18
	GMU-20	-	2	⟳	ER 32	92	-	165	4.000	32



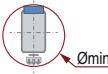
MTC SERIES (MANUAL TOOL CHANGE)

ALL ATC ANGLE HEADS CAN BE SUPPLIED AS MTC

	Model	Coolant (options)	Type	Rotation	Output	Body Length	L* Body Length	Ø min**	Rpm	Nm
XL For large machine tools and milling machines. Ideal for heavy duty cutting	G90-S40	-	4		ISO/CAT/BT40	110	170	192	4.000	140
	G90-S40 XL	-	5		ISO/CAT/BT40	250	-	205	4.000	140
	G90-S40 XL xx	-	5	滴	ISO/CAT/BT40	400,500, 600,700	-	202	4.000	140
	G90-S50	-	6		ISO/CAT/BT50	300	-	305	3.000	400
	G90-S50 XL xx	-	6		ISO/CAT/BT50	400,500, 600,700, 800	-	297	3.000	400



* Also available "L" series with the longer body



** Ø Min bore for internal machining.
Excluding cutting tool

Direction of rotation opposite to the machine spindle



Direction of rotation same as machine spindle



Internal coolant feed through the tool options:
- 10bar through rotating distributor
- From 30 to 70bar through machine spindle

ANGLE HEADS



EVOLUTION LINE: MODULAR ANGLE HEADS & SPINDLE SPEEDERS



FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



FIND OUT MORE

More than 1000 types available with the best price / quality ratio

INTERCHANGEABLE DRIVE TAPERS

SPINDLE SPEEDERS (AUTOMATIC TOOL CHANGE)

	Model	Coolant (options)	Type	Ratio	Output	Rpm		Nm
						Output	Input	
GSP For milling and drilling operations	GSP 10.HS	NEW		1	1:8	ER20	Output 36.000, Input 4.500	8
	GSP 13			1	1:8	ER20	Output 24.000, Input 3.000	8
	GSP 16			2	1:6	ER25	Output 20.000, Input 3.333	16
	GSP 20			2	1:6	ER32	Output 16.000, Input 2.666	23
	GSP 26			3	1:4,2	ER40	Output 12.000, Input 2.857	47
	GSP 34			3	1:4	ER50	Output 10.000, Input 2.500	180

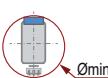


ATC SERIES (AUTOMATIC TOOL CHANGE)

	Model	Coolant (options)	Type	Rotation	Output	Body Length	L* Body Length	Ø min**	Rpm	Nm
							Ø min*			
OFFSET Offset output	FR90-10			1	ER 16WP	110,5	-	73	6.000	25
	FR90-13			1	ER 20WP	126	-	88	4.500	45
	FR90-16			1	ER 25WP	146,5	-	98	4.000	90
	FR90-20			2	ER 32WP	153	-	105	3.500	95
DOUBLE Double Output	F90-7-2U		1		ER 11 MINI	116	176	96	10.000	11
	F90-10-2U		1		ER 16 MINI	106	176	131	10.000	14
	F9016 2U		-	2	ER 25	100	200	174	5.000	55
	F90-20 2U		1		ER 32	108	-	198	3.500	90
	F90-30 2U		3		ER 40	115	-	234	2.500	165
LIGHT Weight reduction with same performances and rigidity	FL90-7	0			ER 11	52	-	77	8.000	5,6
	FL90-13	1			ER 20	76	156	122	6.000	19
	FL90-16	1			ER 25	76	156	134	4.000	30
	FL90-16 2U		1	CO	ER 25	76	-	180	4.000	30
	FLU-7	0			ER 11	37,5	-	95	8.000	5,6
SLIM Micromachining	FS90-3	1			6023E	142,5	170,5	35	8.000	3,5
	FS90-4	-	1		600E	144,5	183	39	8.000	6
	FS90-6	1			601E	144,5	183	47	8.000	8
STD 90° 90° machining	F90-7	1			ER 11	116	176	68	10.000	11
	F90-10	1			ER 16	106	176	94	10.000	14
	F90-13	1			ER 20	86	186	113	8.000	38
	F90-16	2			ER 25	100	200	126	5.000	55
	F90-16S	1			ER 25	86	-	132	8.000	38
	F90-20S	1			ER 32	98	-	150	5.000	55
	F90-20	2			ER 32	108	183	168	3.500	90
	F90-S40	3			ISO40/CAT/BT40	115	-	204	2.500	165
FMU Adjustable angle from 0° to 90°	FMU-10	1			ER 16	66	-	118	8.000	12
	FMU-16	-	1		ER 25 MINI	76	-	152	6.000	
	FMU-20	3			ER 32 MINI	96	-	203	4.000	60
COOLANT Coolant by tool at 10bar	F90-7	1			ER11 WP	116	176	87	10.000	
	F90-10	1			ER16 WP	106	176	115	10.000	14
	F90-13	1			ER20 WP	86	186	134	8.000	
	F90-16	2			ER25 WP	100	200	144	5.000	55
	F90-16S	1			ER25 WP	86	-	155	8.000	38
	F90-20	2			ER32 WP	108	183	186	3.500	90
	F90-S40	3			ISO40/CAT/BT40	115	-	222	2.500	165



* Also available "L" series with the longer body



** Ø Min bore for internal machining.
Excluding cutting tool

Direction of rotation opposite to the machine spindle



Direction of rotation same as machine spindle



Internal coolant feed through the tool options:
- 10bar through rotating distributor
- From 30 to 70bar through machine spindle

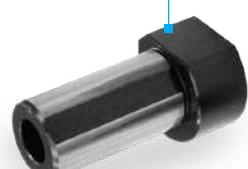
DRIVEN & STATIC TOOLS



DRIVEN TOOLS FOR CNC LATHES & VDI TURRETS STATIC TOOLS FOR VDI & BMT TURRETS

VDI TOOLHOLDERS

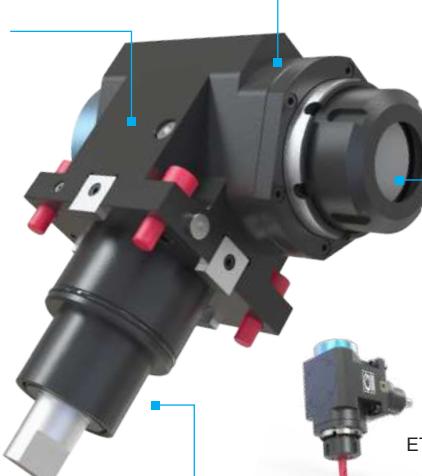
It consists of a serrated shaft that is inserted into an opening on the face of the turret. The driven tool is locked in position by a mating part with teeth located inside the turret. Tightening the locking screw with an Allen wrench secures the toolholder, preventing its rotation with a pin on the turret. Unlike BMT driven tools, VDI types can be mounted on either the outer circumference or the face of the turret, depending on the machine's configuration.



AVAILABLE OUTPUTS



BALL BEARINGS
Preloaded angular contact ball bearings precision and long life lubrication



**MAIN BODY
TREATED**
Corrosion resistant steel body



TAPPING
All driven tools can be equipped with axially compensated collets ET-1. They allow the tap an axial compensation from 7 to 13 mm in order to compensate any feed error and the inversion of the rotation of direction



External Coolant standard

THE BMT, OR "BASE MOUNTED TURRET"

The BMT toolholder is securely fastened to the turret face with 4 socket head cap screws and locked in place using locating keys on the turret face. Unlike VDI models, there is no need to align the motorized toolholder, and its simple design makes it the best choice for quick replacement.

BORING BAR SLEEVES

Used on all types of lathe. They can be supplied with screw and slot, with collar, extended or reduced.

**GLEASON
SPIRAL BEVEL
GEARS**
With completely ground involute form

FOR MORE PRODUCT TYPES,
SEE THE GENERAL CATALOGUE



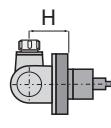
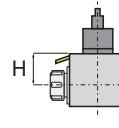
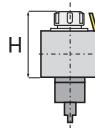
UPGRADE YOUR LATHE AND BOOST PRODUCTIVITY!

The tables above show some models from the BMT Standard range for example purposes

BMT

COMPATIBLE WITH DOOSAN / HARDINGE / SAMSUNG / HWACHEON / HYUNDAI WIA / VICTOR / HAAS / SPINNER.
BMT 65 ALSO COMPATIBLE WITH HAAS LATHES !

Type	BMT	Cod.	ER	H Max	Nm*	Rpm
Axial	45	99.DS.A03	25	57,2	35	8000
Axial	45	99.DS.A04	25	57,2	35	8000
Axial	55	99.DS.A01	25	57,2	40	8000
Axial	55	99.DS.A02	25	57,2	40	8000
Axial	65 HAAS READY!	99.DS.A41	32	72,5	70	6000
Axial	65 HAAS READY!	99.DS.A42	32	72,5	70	6000
Axial	75	99.DS.A34	40	90,2	100	6000
Axial	75	99.DS.A35	40	90,2	100	6000
Radial	45	99.DS.A07C	25	65	35	8000
Radial	45	99.DS.A08C	25	65	35	8000
Radial	55	99.DS.A11C	25	70	40	8000

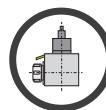


* The torque value, expressed in Nm, is the maximum allowed. Prolonged use at this value can damage the driven tool; for longer life and less wear, it is recommended to keep it below this limit.

BMT

COMPATIBLE WITH DOOSAN / HARDINGE / SAMSUNG / HWACHEON / HYUNDAI WIA / VICTOR / HAAS / SPINNER.
BMT 65 ALSO COMPATIBLE WITH HAAS LATHES !

Type	BMT	Cod.	ER	H Max	Nm*	Rpm
Radial	55	99.DS.A12C	25	70	40	8000
Radial	65 HAAS READY!	99.DS.A51C	32	72	70	6000
Radial	65 HAAS READY!	99.DS.A52C	32	72	70	6000
Radial	65 HAAS READY!	99.DS.A73C	32	100	70	6000
Radial	65 HAAS READY!	99.DS.A74C	32	100	70	6000
Radial	75	99.DS.A38C	40	60	100	6000
Radial	75	99.DS.A39C	40	60	100	6000
Adj ±90°	45	99.DS.A16	20	65	15	8000
Adj ±90°	45	99.DS.A17	20	65	15	8000
Adj ±90°	55	99.DS.A23	20	65	15	8000
Adj ±90°	55	99.DS.A66	20	65	15	8000
Adj ±90°	65 HAAS READY!	99.DS.A64	25	75	25	6000
Adj ±90°	65 HAAS READY!	99.DS.A65	25	75	25	6000
Adj ±90°	75	99.DS.A47	25	75	25	6000
Adj ±90°	75	99.DS.A48	25	75	25	6000



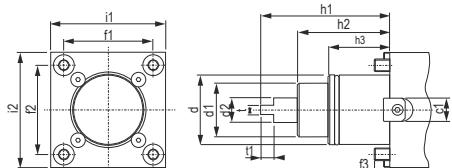
Both direction of rotation to machine spindle available

Int. Coolant

Direction of rotation same as machine spindle

Direction of rotation opposite to machine spindle

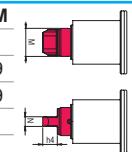
BMT ATTACHMENT WITH STANDARD TENON



Code example with Bigger Tenon: 99.DS.A03T

Driven tools with bigger tenon available on request

BMT	c1	Ød	Ød1	Ød2	f1	f2	f3	h1	h2	h3	i1	i2	t	t2	h4	N	ØM
45	15	45	35	14	58	58	10	84	60	40	75	75	6	8,5	-	-	-
55	15	55	40	16	64	64	14	104	75	30	85	85	8	8,5	9,5	8	29
65	18	65	45	18	70	73	15	112	83	32	94	94	10	14	15	10	29
75	25	75	55	23	90	90	15	110	80	43	112	112	14	15	-	-	-
85	25	85	65	33,5	100	100	18	140	100	43	125	125	16	20	-	-	-



ESTORE GERARDI

WHICH IS YOUR MACHINE MODEL? WE BET IT IS ON OUR ESTORE!

1 What brand and model of lathe are you looking for ?

DOOSAN / HARDINGE / GOODWAY / DMG MORI / MIYANO ecc...

2 Which kind of turret has your lathe?

VDI / BMT55 / BMT65 ecc...

Check out our estore, with two simple questions you will find all the Driven Tools suitable for the lathe you have !



DRIVEN TOOLS

MORE THAN 1000 TYPES AVAILABLE!



FIND OUT MORE

Available Types: Axial, Radial, Double Radial, Double Axial, Radial Upside Down, Adjustable ±90°, Offset Axis, Rear Offset, Double Rear Offset, Radial Offset, Driven Gear Hobber.

Builder Brand	Turret	Compatibility	ER	RPM
DIN5480 - DIN5482 - BARUFFALDI - DIN1809	VDI 20-25-30-40-50-60		16-20-25-32-40-50	3.200-10.000
BIGLIA	BMT 40 / BMT 55		16-20-25-32	6.000-8.000
BMT	BMT 45	Doosan-Hardinge-Jyoti-Nexturn-Samsung-Victor	16-20-25-32	8.000
	BMT 55	Doosan-Goodway-Hardinge-Hwacheon-Hyundai WIA-Jyoti-Samsung-Victor-Takisawa Taiwan	16-20-25-32	8.000
	BMT 65	Doosan-Goodway-Haas-Hardinge-Hwacheon-Hyundai WIA-Samsung-Spinner-Victor-Takisawa Taiwan	20-25-32	6.000
	BMT 75	Doosan-Hwacheon-Hyundai WIA-Samsung-Victor	25-40	6.000
	BMT 85	Doosan-Hwacheon-Hyundai WIA-Samsung-Victor	32-50	3.200-4.000
DMG MORI	NL - NLX		20-25-32-40	6.000-10.000
	NZ	Takisawa Japan	20-25-32	12.000
	SL - ZL - DL	Cmz-Goodway	20-32	6.000
GOODWAY	G1 / G3 / G4		20-40	6.000
HAAS	VDI 40 - L= 104,85 / 117,55 / 130,25	BMT 65 - Goodway-Haas-Hardinge-Hwacheon-Hyundai WIA-Samsung-Spinner-Victor-Takisawa Taiwan	25-32	5.000-6.000
MAZAK	QTN 1-VDI 40 / QTN 2-VDI 40 / QTN 3-VDI 50 / QTS-SMART-BMT68 / HQ		20-25-32-40	4.000-6.000
MIYANO	Ø38		16-20-25	6.000
	Ø45	Goodway	16-20-25-32	6.000
	Ø54		16-20-25-32	6.000
NAKAMURA	BMT 44	Muratec	16-25	6.000
	BMT 55	Cmz	20-25-32	6.000
	BMT 65		25-32	6.000
OKUMA	VDI 30 / VDI 40 / BMT 55 / BMT 60		20-22-25-27-32	6.000-8.000
SPINNER	BMT 45 SP / VDI 25 SP	Baruffaldi - VDI 30 / 40 / 50	25-32	7.000-8.000
TAKISAWA JAPAN	BMT 60		25-32	6.000-8.000
TAKISAWA TAIWAN	BMT 60		16-25-32	6.000-8.000
TSUGAMI	BMT 65		16-20-25-32	8.000



HIGH PERFORMANCE

HIGH TORQUE AND 12.000 RPM FOR DRY RUNNING!

- Thermal efficiency and simplified maintenance
- Dry running available
- 'Hands-free' locking wrench
- Maximum Performance and Optimised Design

MAXIMUM PERFORMANCE

The wear-free main shaft, Improved performance in milling and drilling, and Optimization in structure and bearings

WORK DRY

Dry running at high speeds and Improved sealing technology

NEW LOCKING KEY

The Fixed Locking Wrench free one hand for tightening and reduced time for set-up of the machine



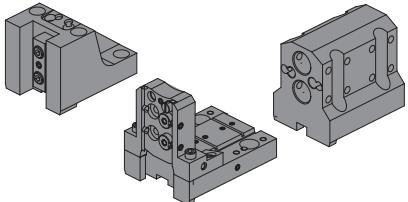


FIND OUT MORE

MAXIMUM PRECISION BOTH FOR TURNING, DRILLING AND BORING!



VDI



BIGLIA



BMT STANDARD



DMG MORI



HAAS



MAZAK



NAKAMURA



OKUMA



TSUGAMI

QUICK CHANGE ADAPTORS

HIGH TORQUE MODULAR QUICK CHANGE ADAPTORS

They are a modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs. All Adaptors are suitable for external and internal coolant supply and keep the presetting already done.



External thread



Internal thread

REDUCED SET-UP TIME
AND POSSIBILITY
OF OFFLINE TOOL
PRESETTING !



WE DESIGN, MANUFACTURE & DISTRIBUTE WORLDWIDE



DESIGNING

We design and develop innovative solutions for clamping, workholding and fixture such as precision vises, angle heads and driven tools

MANUFACTURING

Machines, tools, CAD/CAM and a great Team contribute to the realization of even very complex components and ensure excellent machining results

WORLDWIDE DISTRIBUTION

The distribution of our products is supported by an extensive network of wholesalers and agents that promote and service our range of products worldwide

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