

**PRECISION MODULAR VISE 'STANDARD SERIES' WITH GUIDED MOVABLE JAW (ART. 1)**



**WISE WITH STANDARD ACCESSORIES**

- High precision and gang operation
- Pull down easy to change jaws
- Unlimited longevity
- Space saving design
- No "wear" construction
- Unlimited clamping range
- All steel construction hardened and ground HRc60

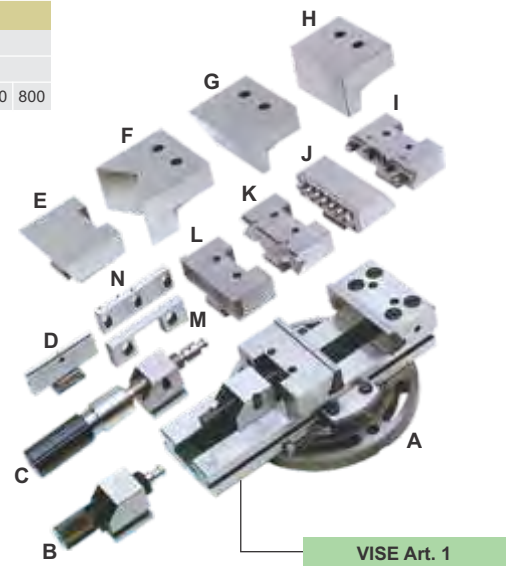
ART. 1	WISE SIZE																			
	1	2	3	4			5			6										
JAW WIDTH	100	125	150	175			200			300										
JAW DEPTH	30	40	50	60			65			80										
MAX. JAW OPENING	100	150	200	300	200	300	400	500	200	300	400	500	600	200	300	400	500	600	700	800

Mention vise size (jaw width) and max. jaw opening for ordering

**List of Optional Accessories**

- A Swivel base - ART. 105
- B Blocking support with hydraulic cylinder - ART. 271
- C Hydraulic hand screw blocking device - ART. 257
- D Intermediate movable jaw with double step - ART. 212
- E Floating movable jaw for round parts - ART. 210
- F Fixed stack type prismatic jaw - ART. 150
- G Fixed and movable stack-type jaws for round parts - ART.131
- H Square stack-type jaws - ART. 138
- I Movable jaw with 2 floating segments - ART. 190
- J Floating movable jaw - hydraulic control - ART. 188
- K Step-prismatic guided movable jaw - ART. 217
- L Guided movable jaw - straight plate - ART. 146
- M/N Extension for fixed and movable jaw with screws - ART. 132/133

**Optional Accessories**



**HYDRAULIC CLAMPING OPTION**

**Art. 257**

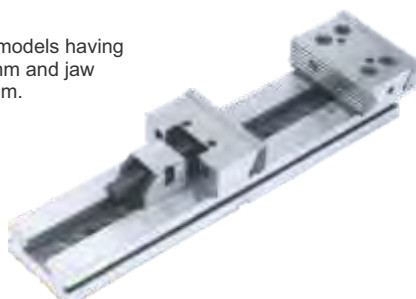


The hand hydraulic clamping group Art. 257 is an optional manual power multiplier alternative to the mechanical clamping of above vices. This device allows to reach the same clamping power reachable with the mechanical screw through a minimum effort. The hand hydraulic screw of Art. 257 is manually operated by the wrench included. All above Art. 1 vices can be purchased with Art. 257 fitted.

**MODULAR VISES "XL" SERIES**

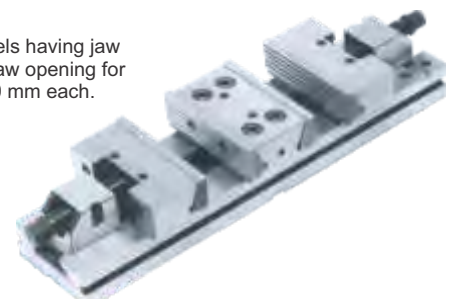
**Art. 20**

Available in different models having jaw width up to 300 mm and jaw opening up to 1100 mm.

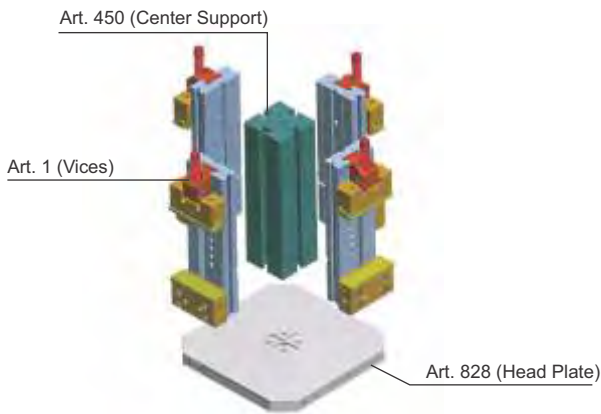


**Art. 30**

Available in different models having jaw width up to 300 mm and jaw opening for two work pieces up to 460 mm each.



**STANDARD VICE TOWERS ART. 750** for Horizontal Machining Center



**MODULAR ELEMENTS**



**Art. 102**  
Movable section



**Art. 104**  
Double fixed section

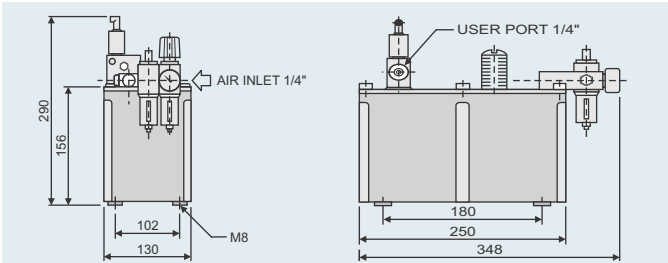


**Art. 103**  
Fixed section

Available in different models having jaw width upto 300 mm with unlimited opening. Suitable for large size workpieces (single or double clamping).

**HYDROPNEUMATIC POWER UNIT**

Gerardi hydropneumatic power unit for hydraulic clamping devices and its bi-products is designed to meet all needs regarding the powering of hydraulic cylinders where low flow rates and high pressures are required. It is driven by air at its inlet to produce hydraulic pressure at its outlet. The special design shape of the power unit is such that a high performance system can be implemented taking up very little space. Thanks to the special design principles, the pump section adopted allows the hydropneumatic power unit to be installed in very hostile environments, such as the work area of machine tools, etc. The unique modular hydraulic flow control system allows controlling up to 6 separate users from just one power unit.



SPECIFICATION	
MAX. PERMISSIBLE INLET AIR PRESSURE:	7 bar
RECOMMENDED INLET AIR PRESSURE:	5,5 bar
OIL DELIVERIES: 1.2-1.4-2.2-2.7-4.3	Liters/min
MAX. OIL OUTLET PRESSURE AT 5 BAR AIR INLET PRESSURE:	400 bar
MAX. NO. OF USERS RECOMMENDED:	6

Outlet pressure can be regulated and set to desired pressure.

**Art. 393 - Power unit with Manual control, Art. 394 - Power unit with Pneumatic control, Art. 395 - Power unit with Electrical control**

The pump in its basic version is supplied complete with teflon tank, fill plug, silencer, quick acting air connector fitting and hydraulic control box. Also very suitable for operating swing Clamps (Single acting).

**PNEUMO - HYDRAULIC BLOCKING DEVICE**

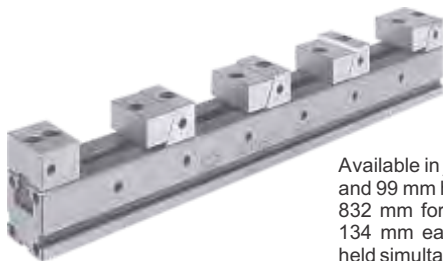
Above power unit can be used to operate Mechanical Modular Vices by Air-Hydraulic power by replacing the mechanical screw by Pneumatic-Hydraulic Blocking device as shown here to convert the mechanical modular vice into quick action air hydraulic vice for production setups. Six vices can be operated simultaneously with one power unit.

- Art. 390 with Manual control valve
- Art. 391 with Electrical control valve
- Art. 392 with Air control valve

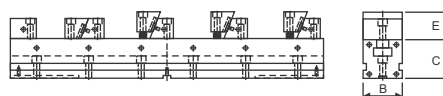
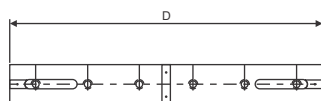


**CONVERT MECHANICAL VICE INTO QUICK ACTING AIR HYDRAULIC VICE**

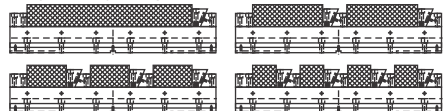
**"MULTIFLEX" VICES ART. 600**



Available in jaw width 49 mm, 74 mm and 99 mm having jaw opening up to 832 mm for single piece and up to 134 mm each for four work pieces held simultaneously.



TYPICAL ARRANGEMENTS

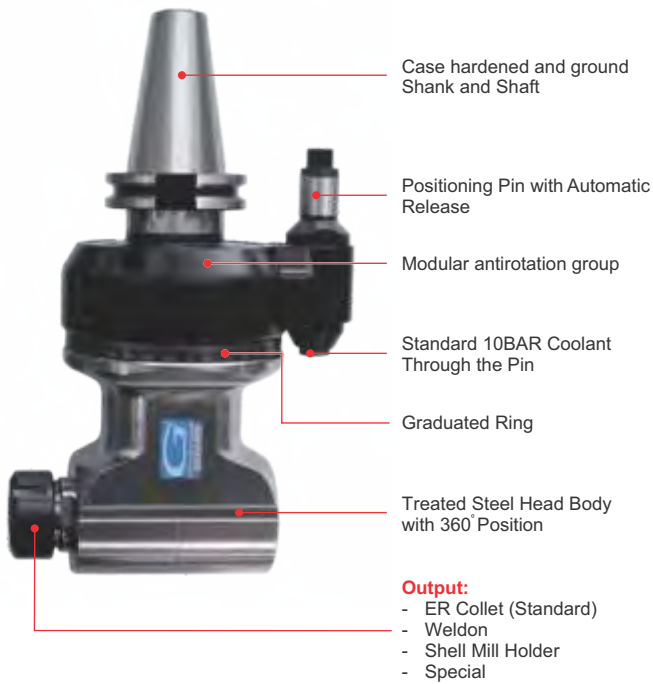


The "MULTIFLEX" series vices are a total new concept of modular clamping system able to maximize the machine table capacity and increase its productivity. The comb system even between the fixed and movable jaw, increases and improves the clamping capacity. Each vice is supplied with 1 fixed jaw and 4 fixed-movable jaws, One "T" wrench, 1 pair of positioning key nuts and 4 workstops.

SIZE	D	B	C	E	Max opening according to pieces to be clamped									
					1	2	3	4	5	6	7	8	9	
1	300	50	50	32/25	208	75	30	8	\	\	\	\	\	\
	400	50	50	32/25	308	125	64	33	15	3	\	\	\	\
	500	50	50	32/25	408	175	96	58	35	19	8	\	\	\
	600	50	50	32/25	508	225	129	83	55	36	22	12	5	
	700	50	50	32/25	608	275	161	108	75	52	36	24	16	
2	400	75	75	40	275	100	41	12	\	\	\	\	\	\
	500	75	75	40	375	150	75	37	15	\	\	\	\	\
	600	75	75	40	475	200	108	62	35	16	3	\	\	\
	700	75	75	40	575	250	141	87	55	33	17	6	\	\
3	800	75	75	40	675	300	175	112	75	50	32	18	8	
	700	100	100	60	532	217	112	59	28	7	\	\	\	\
	800	100	100	60	632	267	145	84	48	23	6	\	\	\
	900	100	100	60	732	317	178	109	68	39	20	5	\	\
	1000	100	100	60	832	367	211	134	88	55	34	18	5	

## ANGLE HEADS

ATC models for Automatic Tool Change and  
MTC models for Manual Tool Change machines



### Bearings

Angular contact preloaded ball bearings of precision class ABEC7/9



### Gears

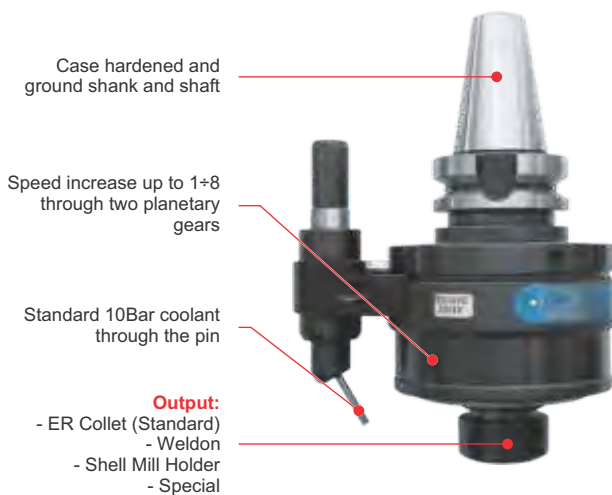
Gleason ground spiral bevel gears maximum performances and minimum vibration



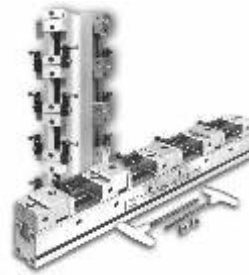
### Stop Block

With case hardened bushing and gasket

## SPINDLE SPEEDERS



## OTHER PRODUCTS FROM GERARDI



The most versatile  
MULTIFLEX Vises and Vise Towers for multi-clamping

Self-centering or eccentric  
MULTITASKING vises for 5 axis machining centers



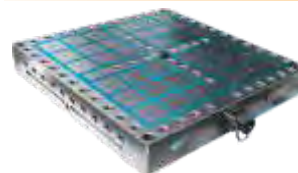
Zero Point  
(Hydraulic or Pneumatic)  
Immediate positioning & clamping of pallet, fixture, vise or workpiece.

Tombstone for Horizontal Machining Center with Zero point or Grid type



Gerardi Driven tools

- Mazak
- Biglia
- Daewoo
- Mori seiki
- Nakamura
- HAAS
- Okuma
- Takisawa
- VDI



Grid magnetic plates for milling