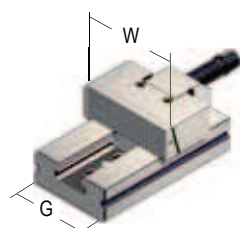




Tipo (grandezza) morsa / Vise (type) size

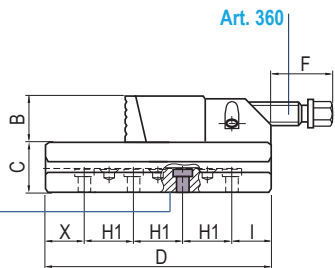
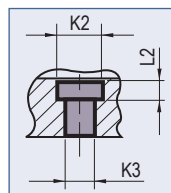
Art. 102Ai a reticolo / grid *

Blocco tenditore con ganaschia a **cambio rapido**. (**Sistema a pettine**)
Movable jaw section with **quick change** jaw plate. (**Comb system**)



Art. 102Ai - 103Ai - 104Ai

Basi per posizionamento con viti calibrate
Base assy for positioning through ground screws



Art. 360

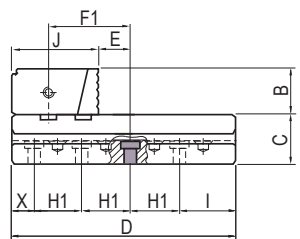
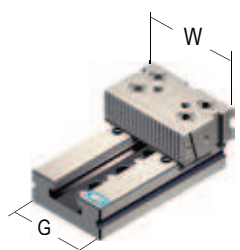
Foro calibrato / Calibrated hole

M = numero fori / M = holes number

	1	2	3	4	5	6
kN	16 kN	25 kN	30 kN	30 kN	40 kN	40 kN
W	96	121	146	171	196	296
B	28	38	48	58	63	78
C	35	40	50	58	70	78
D	140	160	230	240	330	350
F	55	83	82	62	92	70
G	75	95	125	145	170	195
H1	50	50	50	50	100	100
I	54	39	40	57,5	69	83
K3 Ø	16 F7	16 F7	16 F7	16 F7	16 F7	16 F7
K2 Ø	25	25	25	25	25	25
L2	8	8	10	10	10	10
X	36	21	40	32,5	31	67
kg	3,4	6,3	14,2	20,8	35	60
M	2	3	4	4	3	3
Cod.	3.10.2Ai10	3.10.2Ai20	3.10.2Ai30	3.10.2Ai40	3.10.2Ai50	3.10.2Ai60

Art. 103Ai a reticolo / grid *

Blocco fisso con ganaschia a **cambio rapido**. (**Sistema a pettine**)
Fixed jaw section with **quick change** jaw plate. (**Comb system**)

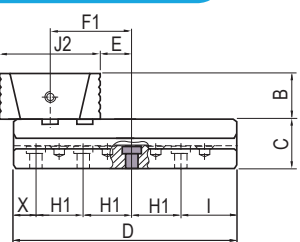
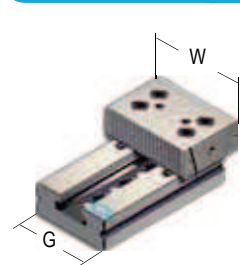


M = numero fori / M = holes number

J	77,9	77,9	89,4	96,9	113,4	120,4
E	33,6	33,6	33,6	33,6	33,6	33,6
F1	76	76	84,5	89	100	107
X	61	21	72,5	29	45	52
H1	50	50	50	50	100	100
I	29	39	57,5	61	55	98
kg	3,3	5,8	12,6	17,8	29,8	50,5
M	2	3	3	4	3	3
Cod.	3.10.3Ai10	3.10.3Ai20	3.10.3Ai30	3.10.3Ai40	3.10.3Ai50	3.10.3Ai60

Art. 104Ai a reticolo / grid *

Blocco fisso con ganaschia doppia a **cambio rapido**. (**Sistema a pettine**)
Fixed double-jaw section with **quick change** jaw plate. (**Comb system**)



M = numero fori / M = holes number

J2	84,8	84,8	101,8	110,8	132,8	146,8
E	33,6	33,6	33,6	33,6	33,6	33,6
kg	3,4	6	13,3	18,8	30	52,5
M	2	3	3	4	3	3
Cod.	3.10.4Ai10	3.10.4Ai20	3.10.4Ai30	3.10.4Ai40	3.10.4Ai50	3.10.4Ai60

Art. Pag.

303A	4.22
306A	4.22
306B	4.22
360	4.28
361	4.28
380	4.20
410	4.28
605G1	6.31
605G2	6.31
605G3	6.34
801I	5.54

Art. 102Ai



Art. 51A

Senza alcuna dotazione
Without accessory equipment

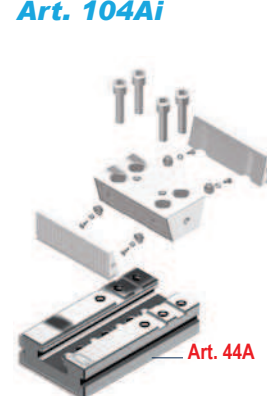
A richiesta: vite calibrata Art. 83 o 83B
On request: calibrated screw Art. 83 or 83B

Art. 103Ai



Art. 44A

Art. 104Ai



Art. 44A

* Passo del reticolo = 50 mm - Vite calibrata Ø 16F7 Pitch of grid = 50 mm - Calibrated screw Ø 16F7

SERRAGGIO MECCANICO CON CHIAVE DINAMOMETRICA

MECHANICAL CLAMPING WITH TORQUE WRENCH

GRUPPI DI SERRAGGIO MECCANICI (Art. 258 e similari)

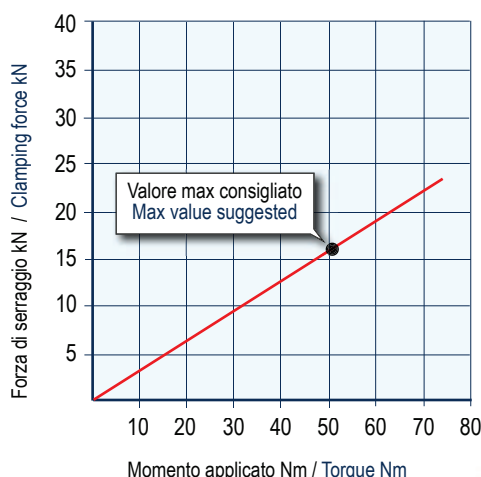
I diagrammi seguenti consentono di determinare le forze di serraggio ottenibili con le morse di varia grandezza (da 1 a 6), in funzione del momento applicato

MECHANICAL CLAMPING DEVICES (Art. 258 and similar)

The following diagrams give the clamping force that can be obtained with each vise type (size 1 to 6) as a function of the torque

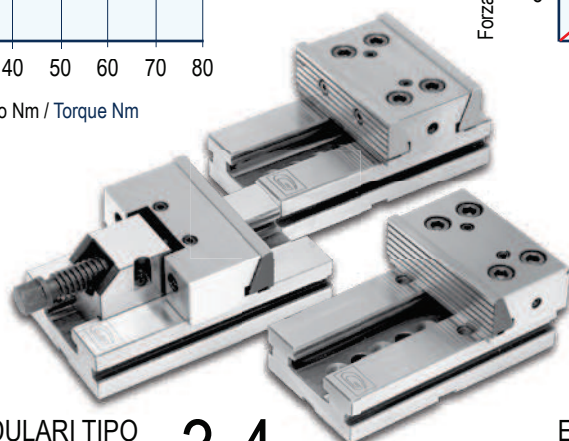
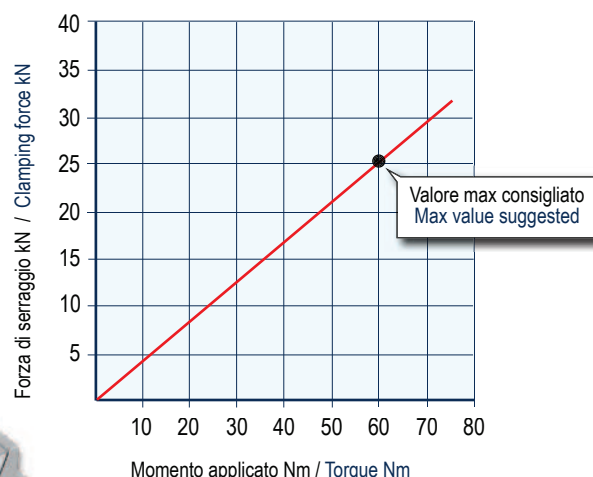
ELEMENTI MODULARI TIPO 1
MODULAR ELEMENTS TYPE 1

Vite Ø 14 - Passo 4 mm
 Screw Ø 14 - Pitch 4 mm



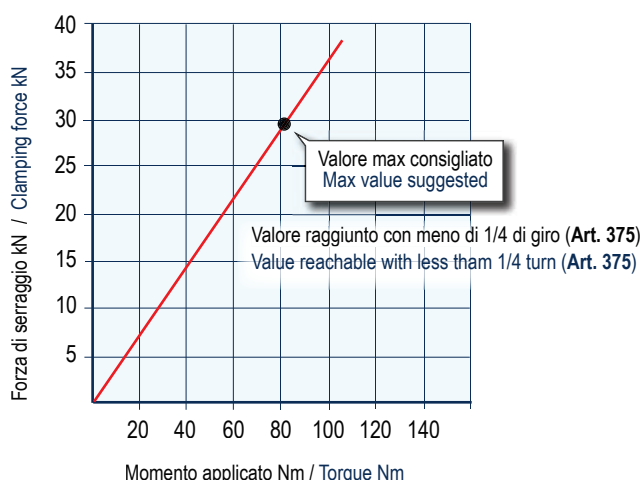
ELEMENTI MODULARI TIPO 2
MODULAR ELEMENTS TYPE 2

Vite Ø 18 - Passo 4 mm
 Screw Ø 18 - Pitch 4 mm



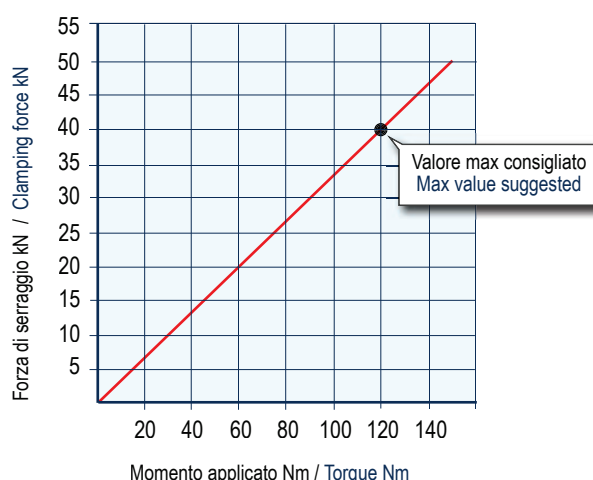
ELEMENTI MODULARI TIPO 3-4
MODULAR ELEMENTS TYPE 3-4

Vite Ø 24 - Passo 5 mm
 Screw Ø 24 - Pitch 5 mm



ELEMENTI MODULARI TIPO 5-6
MODULAR ELEMENTS TYPE 5-6

Vite Ø 30 - Passo 5 mm
 Screw Ø 30 - Pitch 5 mm



NB: Alcuni fattori, come la lubrificazione, lo staffaggio, gli attriti ed altro, possono modificare i valori indicati fino a $\pm 10\%$.
 Per un corretto utilizzo non superare i valori indicati nel grafico

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