



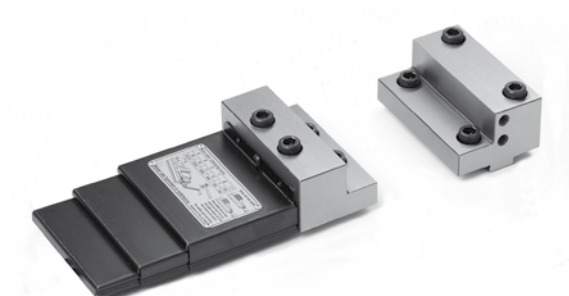
Mechanical set base VCM

Set base Vise Power complete with:
wrench
cover for the protection of the screw
2 positioning keys with screw
4 clamps

Cod.	for type
77 58 90 60	VCM 100
77 58 91 60	VCM 130
77 58 92 60	VCM 160

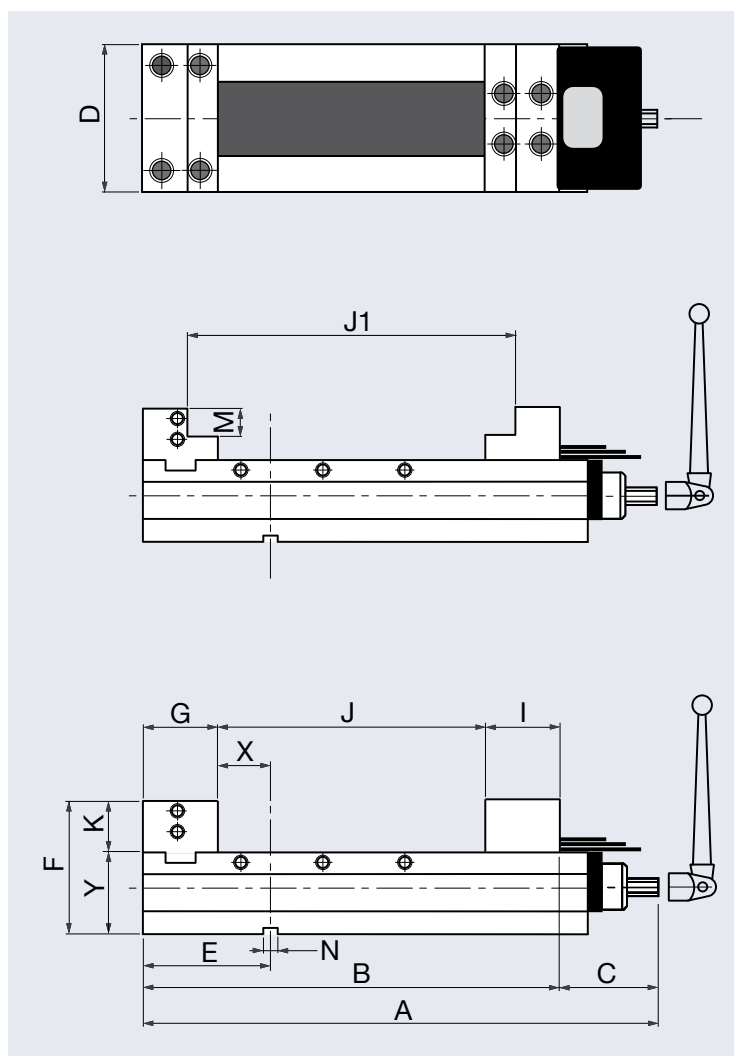
"L" jaw kit

Cod.	for type
58 90 71 10	100
58 91 71 10	130
58 92 71 10	160



Square block jaw kit

Cod.	for type
58 90 72 10	100
58 91 72 10	130
58 92 72 10	160

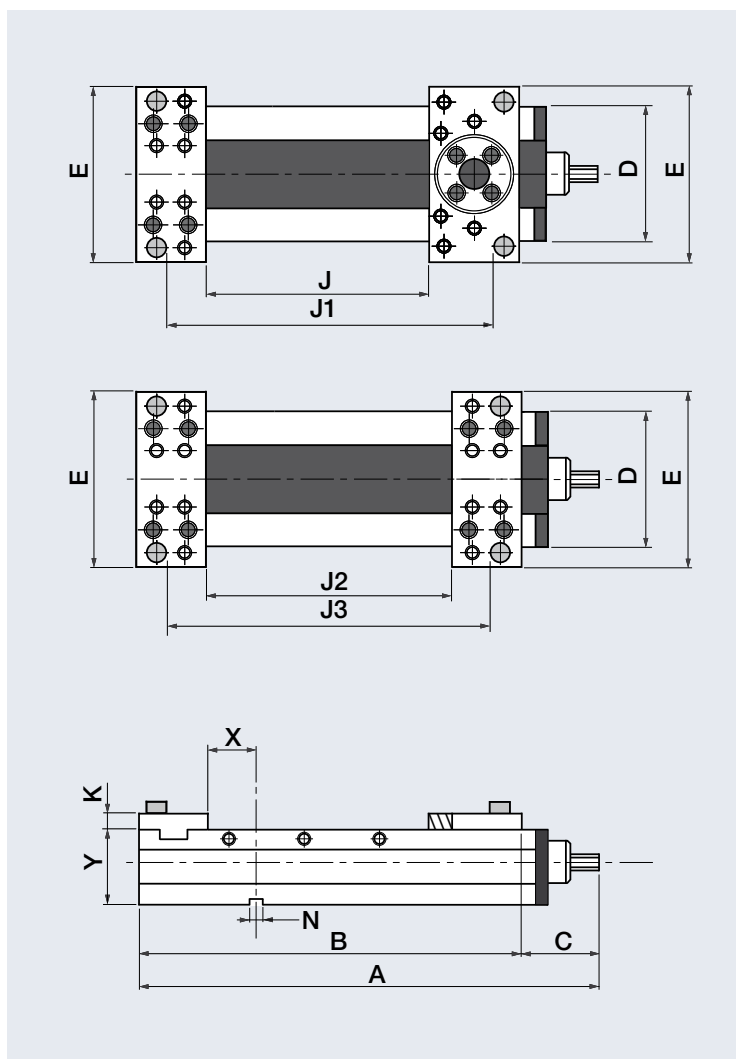


type	A mm	B mm	C mm	D mm	E mm	F mm	G mm	J mm	J1 mm	I mm	K mm	M mm	N mm	X mm	Y mm	max clamping force KN (kgf)	weight kg
VCM 100	398	300		101	124	130	78	155	213	64	45	25		45	85	20 (2.000)	22
VCM 130	508	410	98	131	149	147	83	250	315	74	52	30	18	65	95	40 (4.000)	40
VCM 160	573	475		161	152	160	86	300	370	86	55	30		65	105	50 (5.000)	62

Mechanical set base VCM

Set base Vise Power complete with:
wrench
cover for the protection of the screw
2 positioning keys with screw
4 clamps

Cod.	for type
77 58 90 60	VCM 100
77 58 91 60	VCM 130
77 58 92 60	VCM 160



Gripper jaw kit

Cod.	for type
58 90 73 10	100
58 91 73 10	130
58 92 73 10	160



Floating gripper jaw kit

Cod.	for type
58 90 73 20	100
58 91 73 20	130
58 92 73 20	160



type	A mm	B mm	C mm	D mm	E mm	J mm	J1 mm	J2 mm	J3 mm	K mm	N mm	X mm	Y mm	max clamping force KN (kgf)	weight kg
VCM 100	398	300		101	160	100	220	150	220	17		51	85	20 (2.000)	18,5
VCM 130	508	410	98	131	190	180	320	210	320	17	18	60	95	40 (4.000)	33,5
VCM 160	573	475		161	220	220	380	280	380	22		64	105	50 (5.000)	51,5



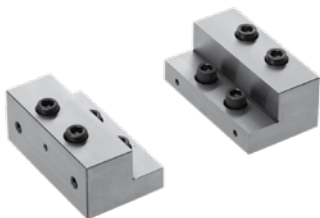
Self-centering set base VCA

Set base Vise Power complete with:
wrench
cover for the protection of the screw
2 positioning keys with screw
4 clamps

Cod.	for type
77 58 90 70	VCA 100
77 58 91 70	VCA 130
77 58 92 70	VCA 160

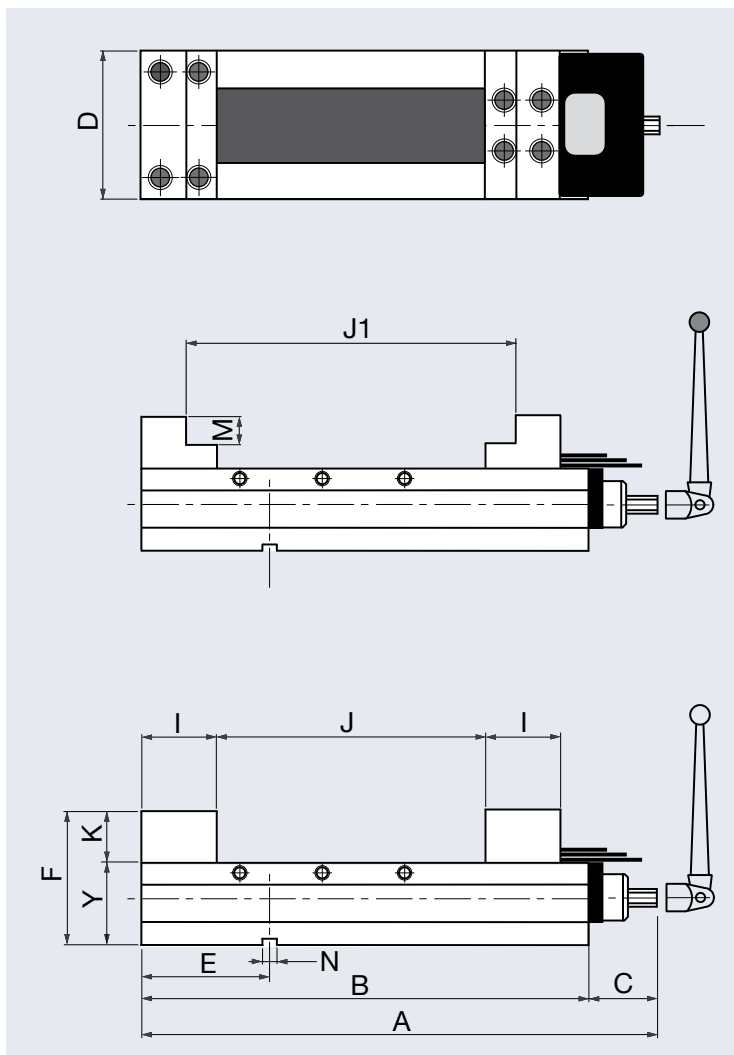
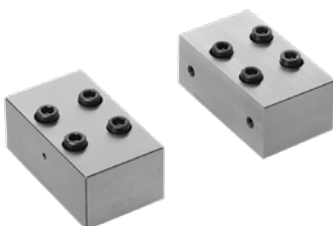
"L" jaw kit

Cod.	for type
58 90 71 20	VCA 100
58 91 71 20	VCA 130
58 92 71 20	VCA 160



Square block jaw kit

Cod.	for type
58 90 72 20	VCA 100
58 91 72 20	VCA 130
58 92 72 20	VCA 160



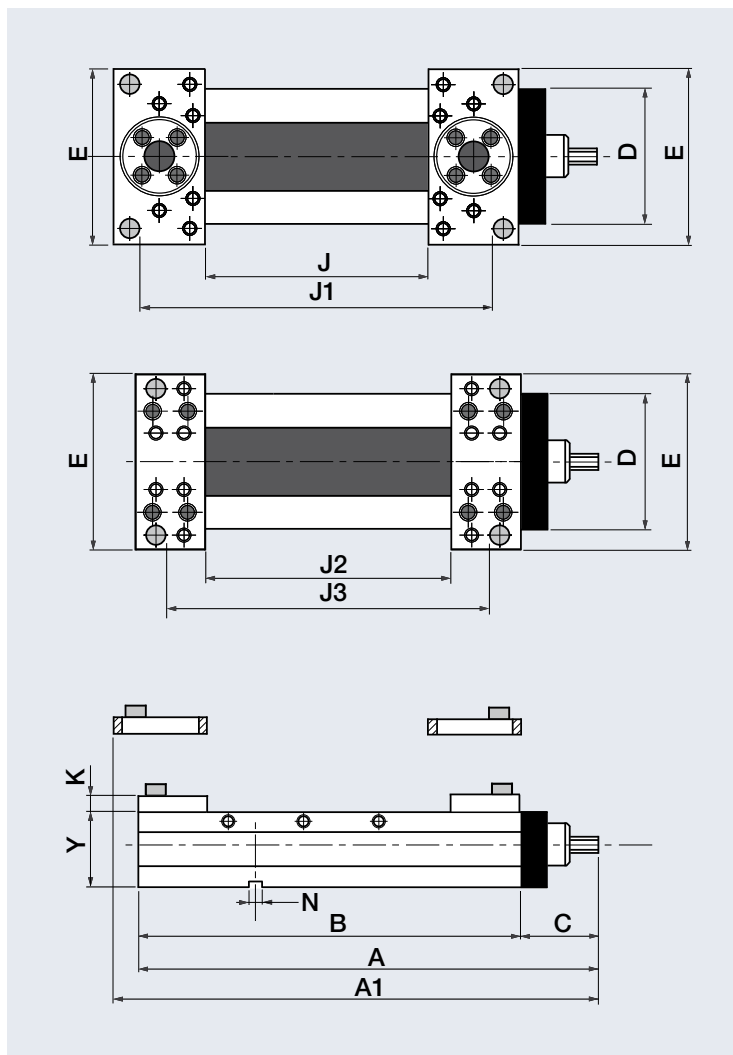
type	A mm	B mm	C mm	D mm	E mm	F mm	J mm min	J mm max	J1 mm min	J1 mm max	I mm	K mm	M mm	N mm	X mm	Y mm	max clamping force KN (kgf)	weight kg
VCA 100	378	300		101	150	130	40	165	40	220	64	45	25		45	85	20 (2.000)	22
VCA 130	488	410	78	131	205	147	40	250	40	320	74	52	30	18	65	95	23 (2.300)	40
VCA 160	553	475		161	237,5	160	40	290	40	370	86	55	30		65	105	24 (2.400)	60

Self-centering set base VCA

Set base Vise Power complete with:
wrench
cover for the protection of the screw
2 positioning keys with screw
4 clamps



Cod.	for type
77 58 90 70	VCA 100
77 58 91 70	VCA 130
77 58 92 70	VCA 160



Gripper jaw kit

Cod.	for type
58 90 73 30	VCA 100
58 91 73 30	VCA 130
58 92 73 30	VCA 160



Floating gripper jaw kit

Cod.	for type
58 90 73 40	VCA 100
58 91 73 40	VCA 130
58 92 73 40	VCA 160



type	A mm	A1 mm	B mm	C mm	D mm	E mm	J mm	J1 mm	J2 mm	J3 mm	K mm	N mm	Y mm	max clamping force KN (kgf)	weight kg
VCA 100	378	397	300		101	160	5	122	270	40	170	230	85	20 (2.000)	19
VCA 130	488	513	410	78	131	190	5	205	377	30	255	340	95	23 (2.300)	34
VCA 160	553	584	475		161	220	11	230	450	40	295	390	105	24 (2.400)	53

Set of 4 grippers h11 smooth

Cod. 58 90 61 14



Set of 4 grippers h11 serrated

Cod. 58 90 61 24



Set of 4 grippers h19 smooth

Cod. 58 90 62 14



Set of 4 grippers h19 serrated

Cod. 58 90 62 24



Set of 4 grippers h24 smooth

Cod. 58 90 63 14



Set of 4 grippers h24 serrated



Cod. 58 90 63 24



Set of 4 grippers h11 smooth-serrated



Cod. 58 90 64 14



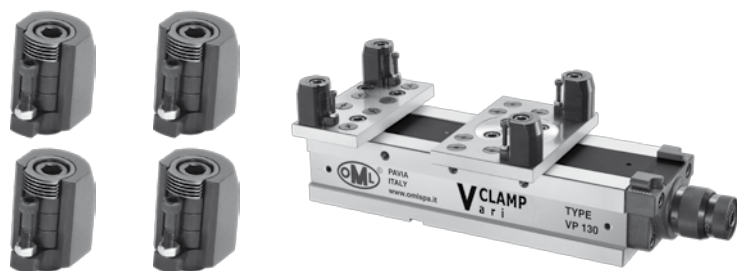
Set of 4 soft grippers h25 smooth



Cod. 58 90 65 14



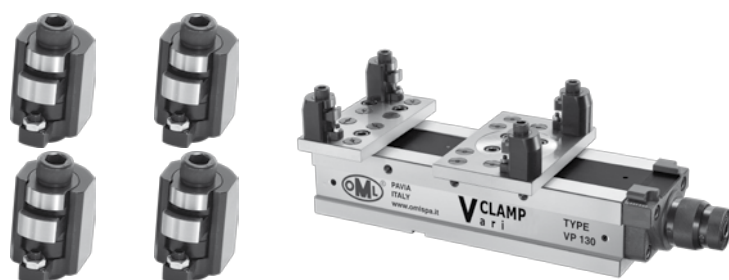
Set of 4 grippers h50 serrated with adjustable screw



Cod. 58 90 67 24



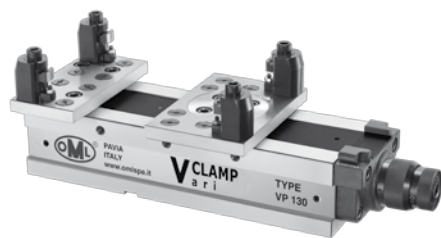
Set of 4 grippers h50 smooth with step



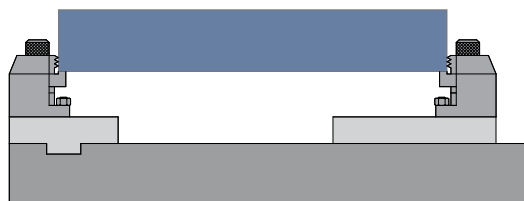
Cod. 58 90 68 14



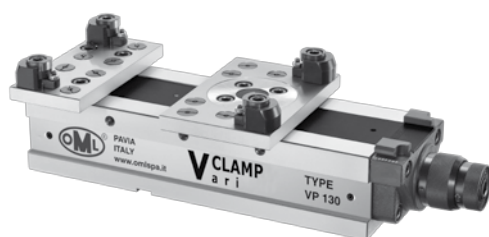
Set of 4 grippers h50 serrated with step



Cod. 58 90 68 24



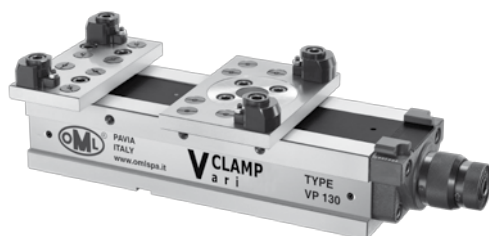
Set of 4 grippers h25 smooth with adjustable screw



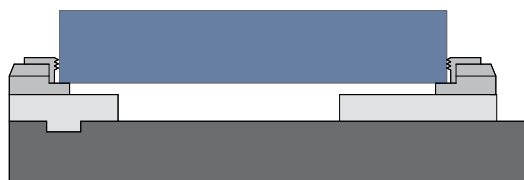
Cod. 58 90 66 14



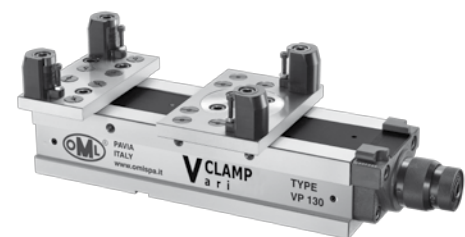
Set of 4 grippers h25 serrated with adjustable screw



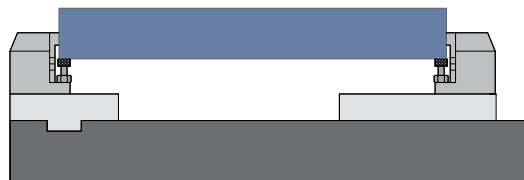
Cod. 58 90 66 24



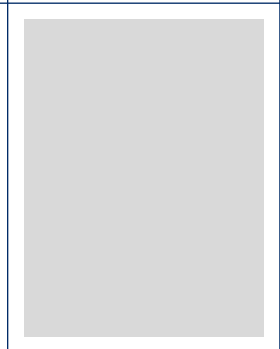
Set of 4 grippers h50 smooth with adjustable screw



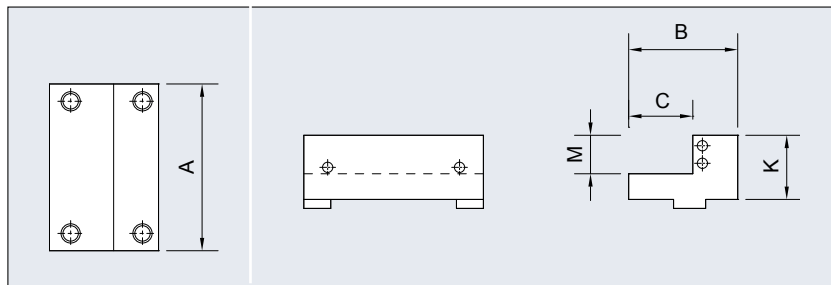
Cod. 58 90 67 14



Kit of 14 sets of 4 grippers

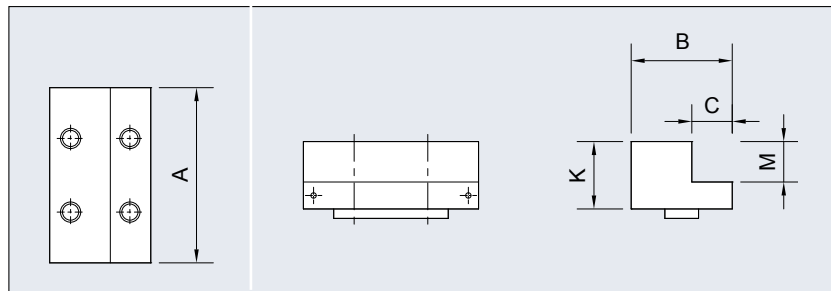
Cod.	58 90 60 09	for type	VCP 100 - VCP 130 -VCP 160	
				
				
				

Fixed jaw "L" type



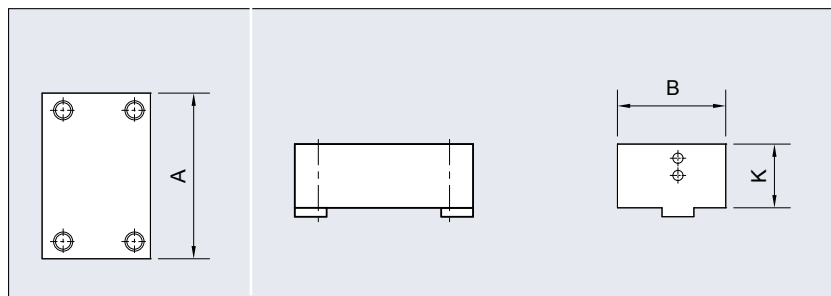
Cod.	type	A mm	B mm	C mm	K mm	M mm	weight kg
58 90 02 10	100	100	78	32,5	45	25	2
58 91 02 10	130	130	83	35	52	30	3
58 92 02 10	160	160	86	35	95	30	4,2

Moveable jaw "L" type (with expanding chip cover)



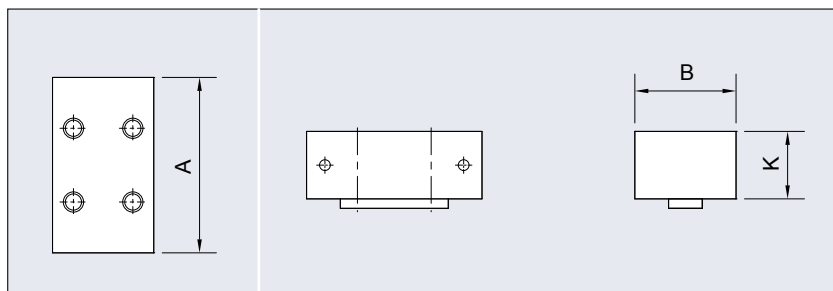
Cod.	type	A mm	B mm	C mm	K mm	M mm	weight kg
58 90 03 10	100	100	64	26	45	25	1,5
58 91 03 10	130	130	74	30	52	30	2,8
58 92 03 10	160	160	86	35	55	30	4,2

Fixed square block jaw



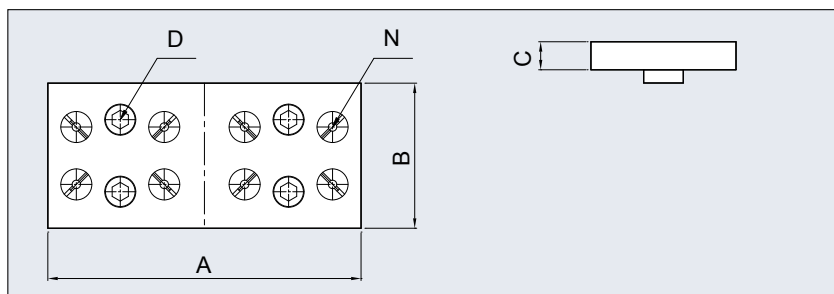
Cod.	type	A mm	B mm	K mm	weight kg
58 90 02 20	100	100	78	45	3
58 91 02 20	130	130	83	52	4
58 92 02 20	160	160	86	55	6

Moveable square block jaw (with expanding chip cover)



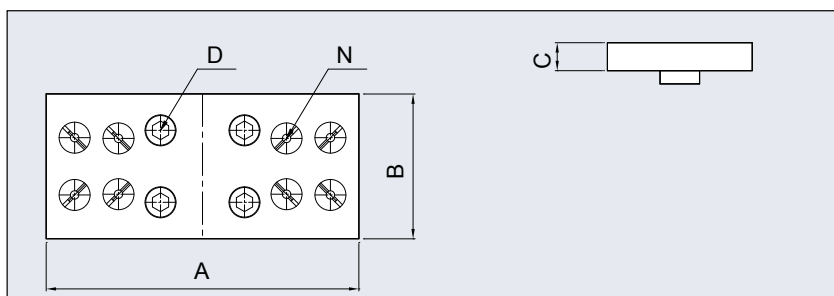
Cod.	type	A mm	B mm	K mm	weight kg
58 90 03 20	100	100	64	45	2,5
58 91 03 20	130	130	74	52	4,5
58 92 03 20	160	160	86	55	6

Fixed square block jaw gripper



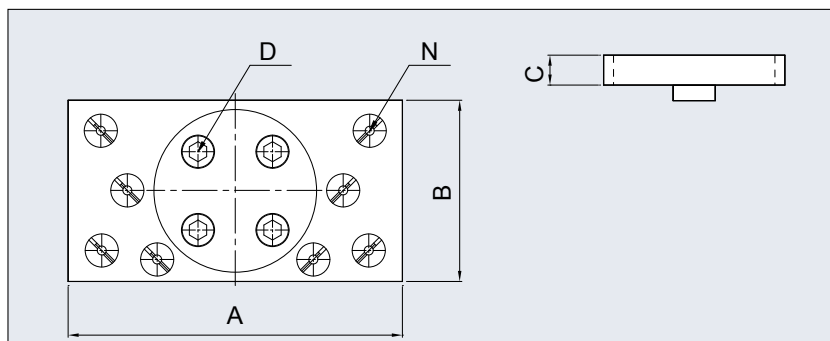
Cod.	type	A mm	B mm	C mm	D mm	N	weight kg
58 90 02 30	100	160	73	22	M10x25L	6	1,3
58 91 02 30	130	190	88	22	M12x30L	8	2,2
58 92 02 30	160	220	88	22	M14x30L	8	3,0

Moveable jaw gripper



Cod.	type	A mm	B mm	C mm	D mm	N	weight kg
58 90 03 30	100	160	64	22	M10x25L	6	1,4
58 91 03 30	130	190	88	22	M12x30L	8	2,2
58 92 03 30	160	220	88	22	M14x30L	8	3,3

Floating jaw gripper

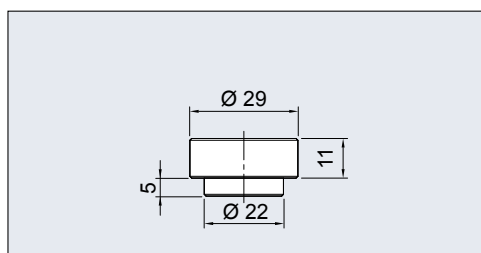


Code	type	A mm	B mm	C mm	D mm	N	weight kg
58 90 03 40	VCP 100	160	88	22	M10x25L	6	2,2
58 91 03 40	VCP 130	190	103	22	M12x30L	8	3,2
58 92 03 40	VCP 160	220	128	22	M14x30L	8	5,7

Gripper h11 smooth

Code

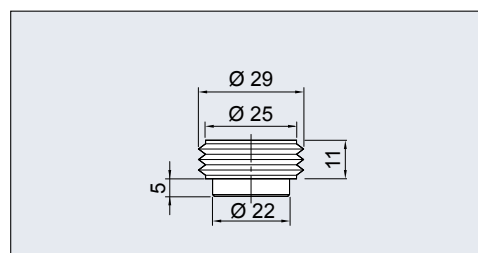
58 90 61 10



Gripper h11 serrated

Code

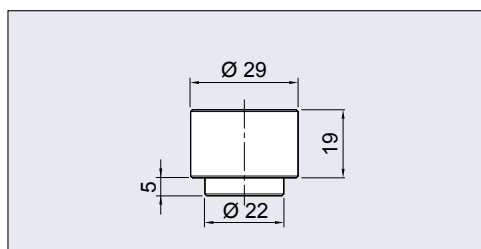
58 90 61 20



Gripper h19 smooth

Code

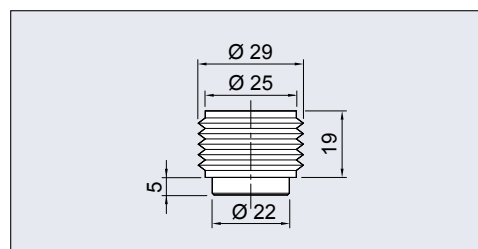
58 90 62 10



Gripper h19 serrated

Code

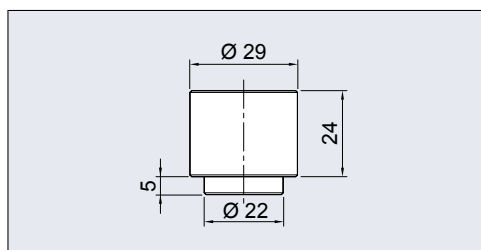
58 90 62 20



Gripper h24 smooth

Code

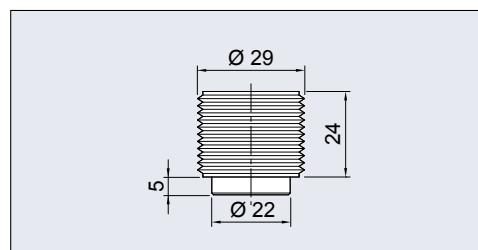
58 90 63 10



Gripper h24 serrated

Code

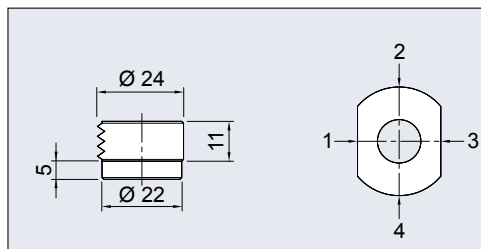
58 90 63 20



Gripper h11 smooth-serrated

Code

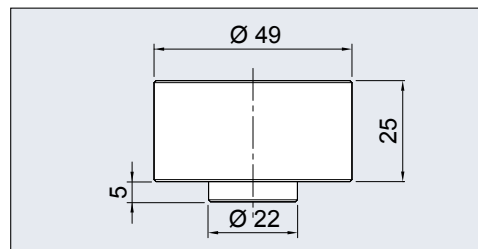
58 90 64 10



Soft gripper h25 smooth

Code

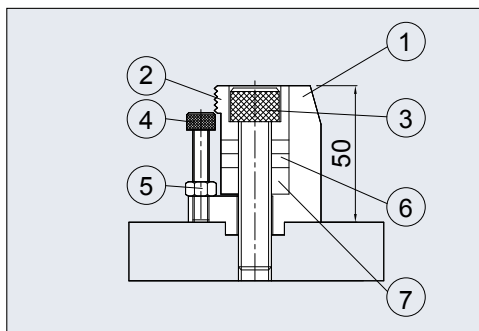
58 90 65 10



Gripper h50 serrated with adjustable screw

Code

58 90 67 20

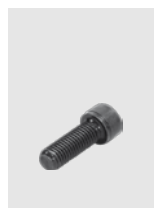


Pos.

Code

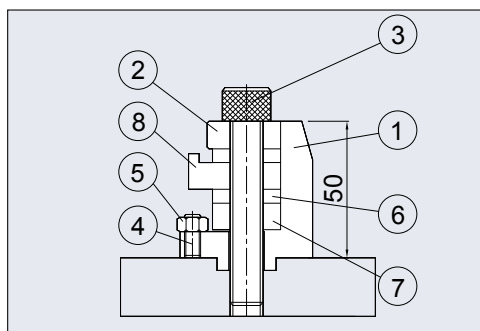
Description

1	58 90 51 20	Body
2	58 90 52 20	Serrated gripper
3	71 11 31 09	Screw TCEI M12x60 12.9
4	71 11 30 47	Screw TCEI M6x30 12.9
5	71 15 02 06	Nut M6
6	58 90 54 10	Washer (5 mm)
7	58 90 54 20	Washer (10 mm)

**Gripper h50 smooth with step**

Code

58 90 68 10

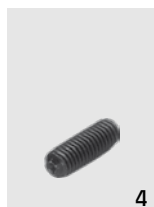


Pos.

Code

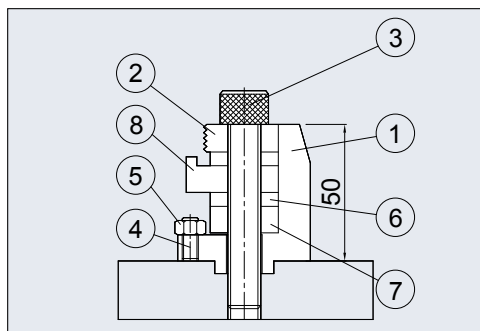
Description

1	58 90 51 20	Body
2	58 90 53 10	Smooth gripper
3	71 11 31 10	Screw TCEI M12x70 12.9
4	71 11 21 24	Grub screw M6x16
5	71 15 02 06	Nut M6
6	58 90 54 10	Washer (5 mm)
7	58 90 54 20	Washer (10 mm)
8	58 90 55 10	Step washer

**Gripper h50 serrated with step**

Code

58 90 68 20

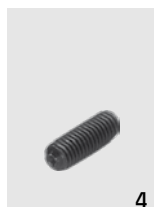


Pos.

Code

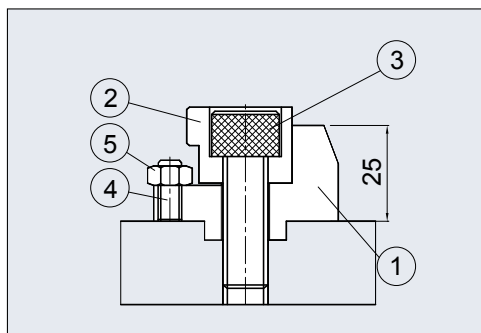
Description

1	58 90 51 20	Body
2	58 90 53 20	Serrated gripper
3	71 11 31 10	Screw TCEI M12x70 12.9
4	71 11 21 24	Grub screw M6x16
5	71 15 02 06	Nut M6
6	58 90 54 10	Washer (5 mm)
7	58 90 54 20	Washer (10 mm)
8	58 90 55 10	Step washer

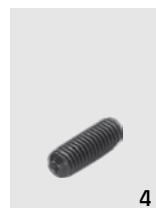


Gripper h25 smooth with adjustable screw

Code
58 90 66 10

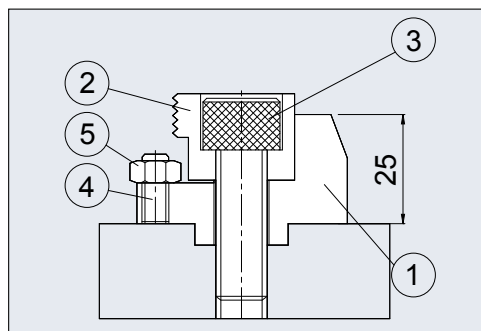


Pos.	Code	Description
1	58 90 51 10	Body
2	58 90 52 10	Smooth gripper
3	71 11 31 05	Screw TCEI M12x3512.9
4	71 11 21 24	Grub screw M6x16
5	71 15 02 06	Nut M6

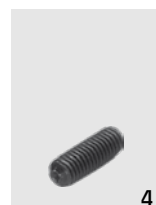
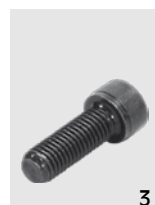


Gripper h25 serrated with adjustable screw

Code
58 90 66 20

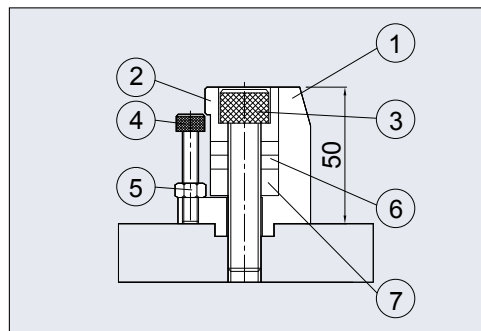


Pos.	Code	Description
1	58 90 51 10	Body
2	58 90 52 20	Serrated gripper
3	71 11 31 05	Screw TCEI M12x35 12.9
4	71 11 21 24	Grub screw M6x16
5	71 15 02 06	Nut M6

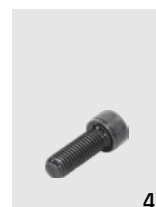


Gripper h50 smooth with adjustable screw

Code
58 90 67 10



Pos.	Code	Description
1	58 90 51 20	Body
2	58 90 52 10	Smooth gripper
3	71 11 31 09	Screw TCEI M12x60 12.9
4	71 11 30 47	Screw TCEI M6x16
5	71 15 02 06	Nut M6
6	58 90 54 10	Washer (5 mm)
7	58 90 54 20	Washer (10 mm)





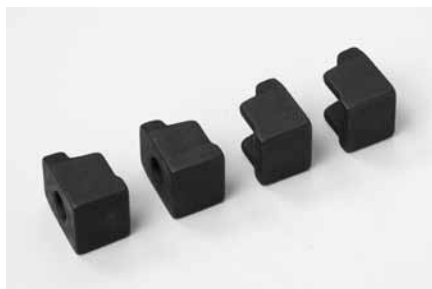
Angle drive

Cod.	for type
58 91 86 10	VCP 130 - VP 130
58 92 86 10	VCP 160 - VP 160



Pair of positioning keys

Cod.	mm	Cod.	mm
58 90 13 92	18 x 12	58 90 13 95	18 x 18
58 90 13 93	18 x 14	58 90 13 96	18 x 20
58 90 13 94	18 x 16	58 90 13 97	18 x 22



Kit of 4 clamps

Cod.	for type
58 90 27 09	VCP 100 - VP 100
	VCP 130 - VP 130
	VCP 160 - VP 160



Wrench VCP/VP

Cod.	for type
58 90 19 00	VCP 100 - VP 100
	VCP 130 - VP 130
	VCP 160 - VP 160



Wrench VCM/VCA

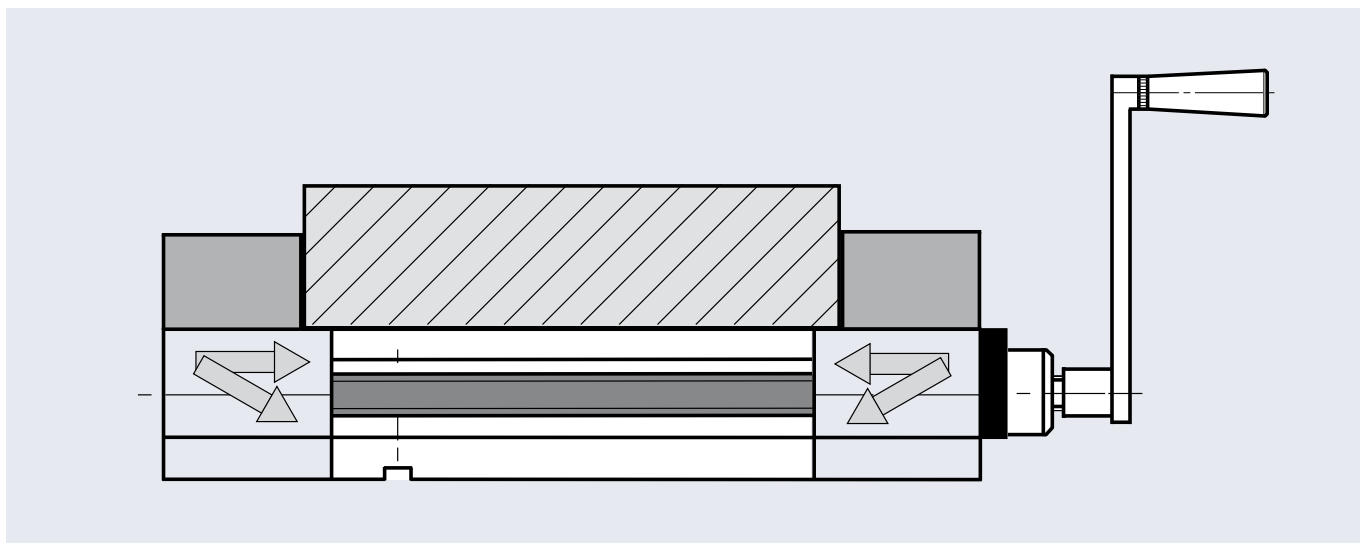
Cod.	for type
58 90 19 10	VCM 100 - VCA 100
	VCM 130 - VCA 130
	VCM 160 - VCA 160



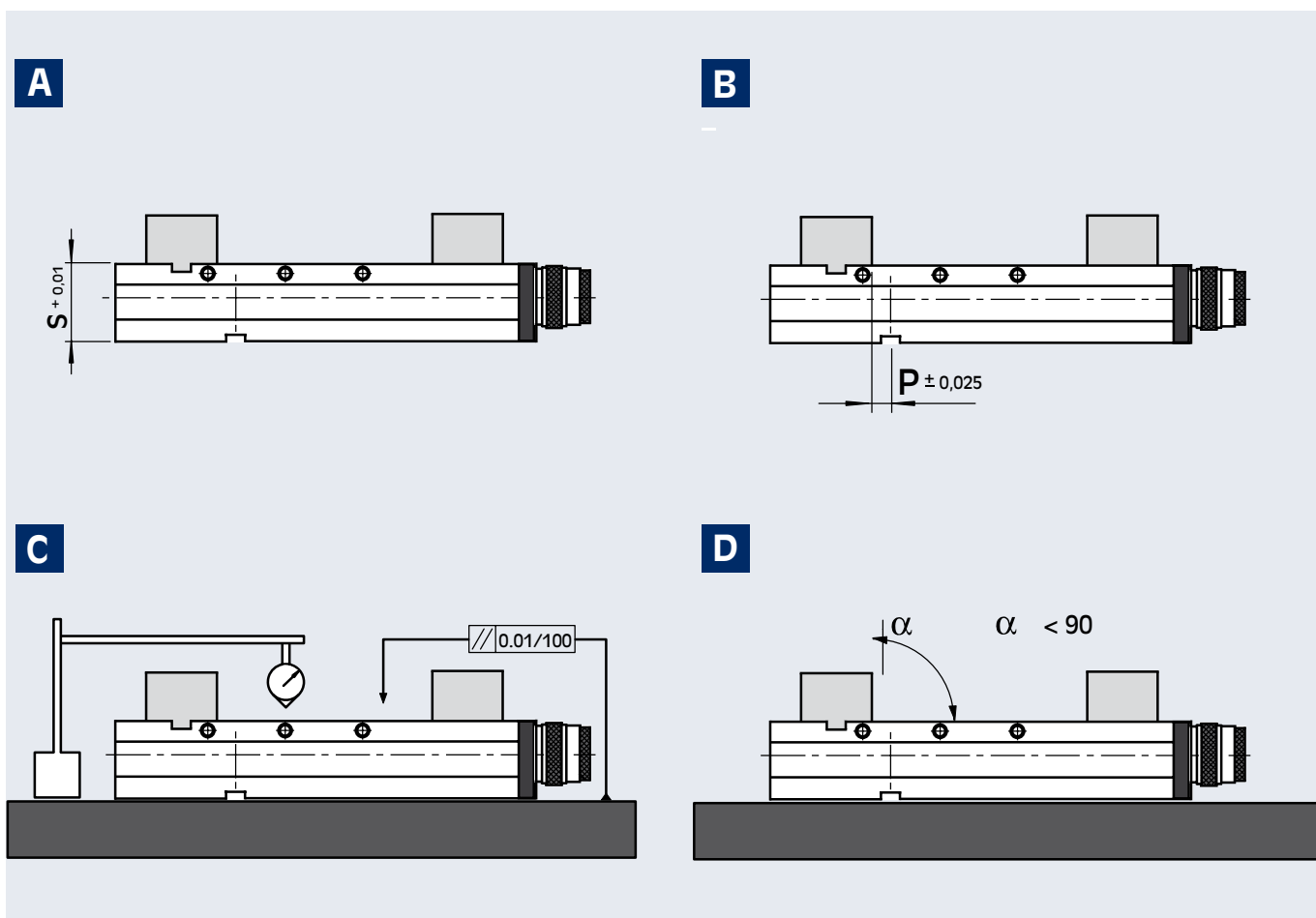
Torque wrench

Cod.	for type
51 50 10 01	VCM 100 - VCA 100
	VCM 130 - VCA 130
	VCM 160 - VCA 160

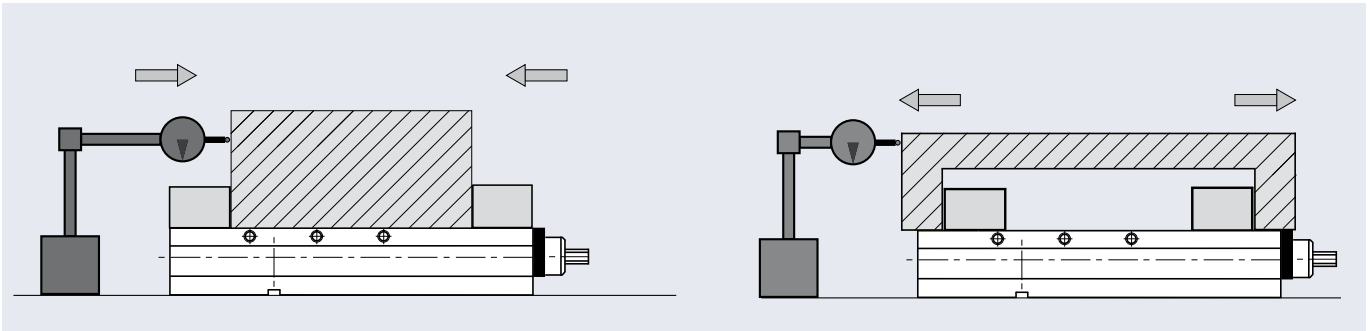
"PULL-DOWN" system for all type of vises



Manufacturing tolerances for all type of vises

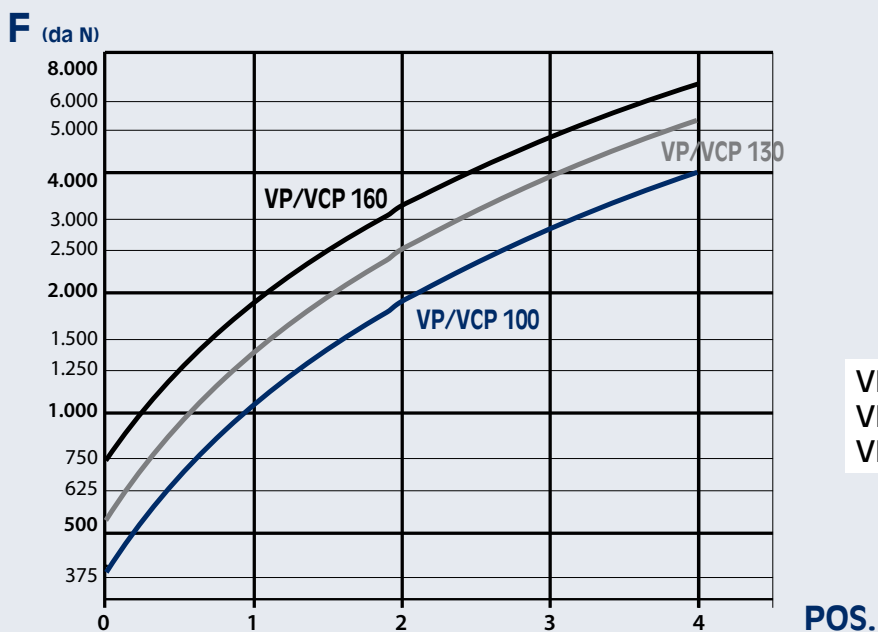


Repeatability accuracy for the clamping of model VCA +/- 0,01



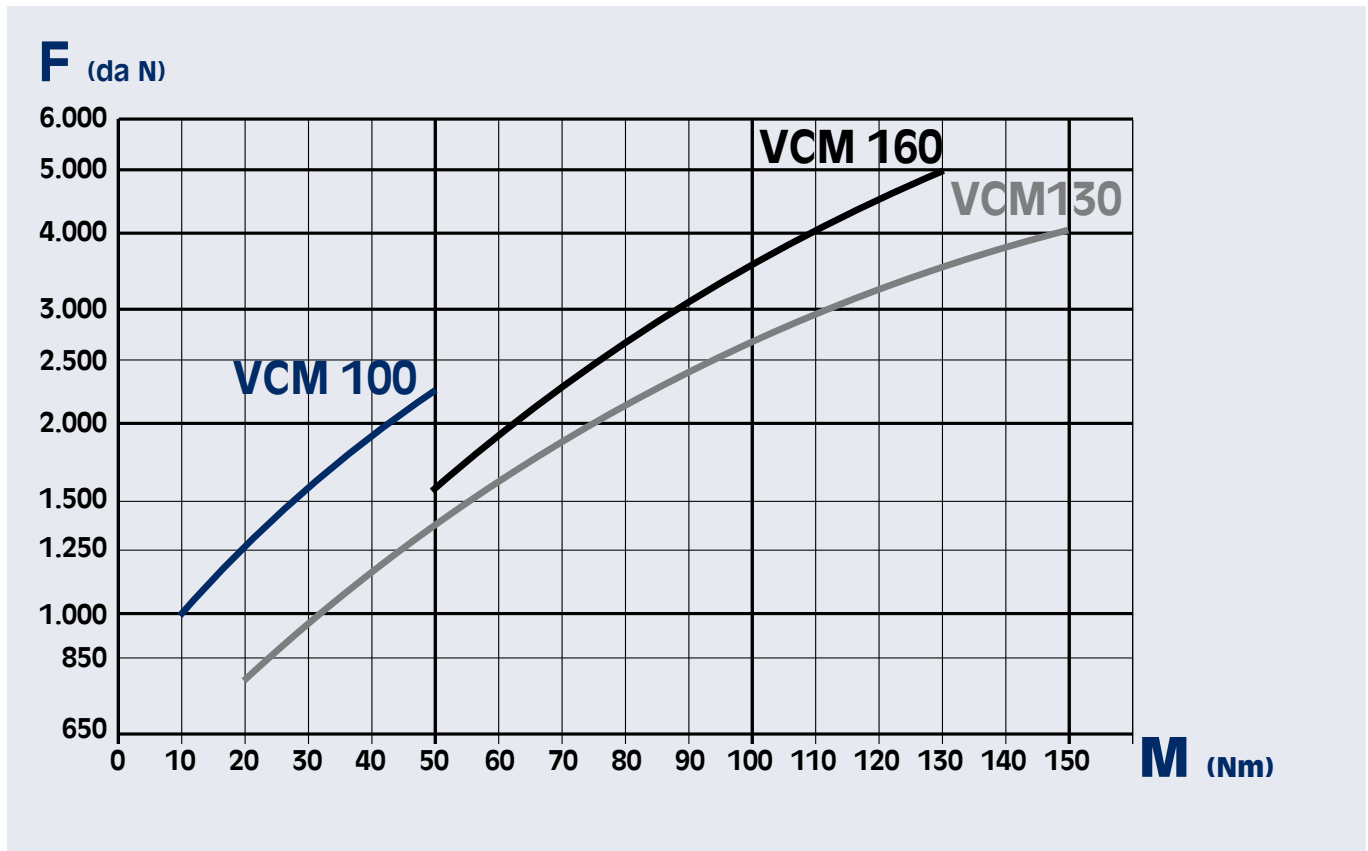
Clamping force diagrams VP/VCP with clamping force multiplier

Our innovative **"TWO FINGERS INTENSIFIER"** allows the clamping force multiplier to achieve a large clamping force with a minimum effort from the operator.

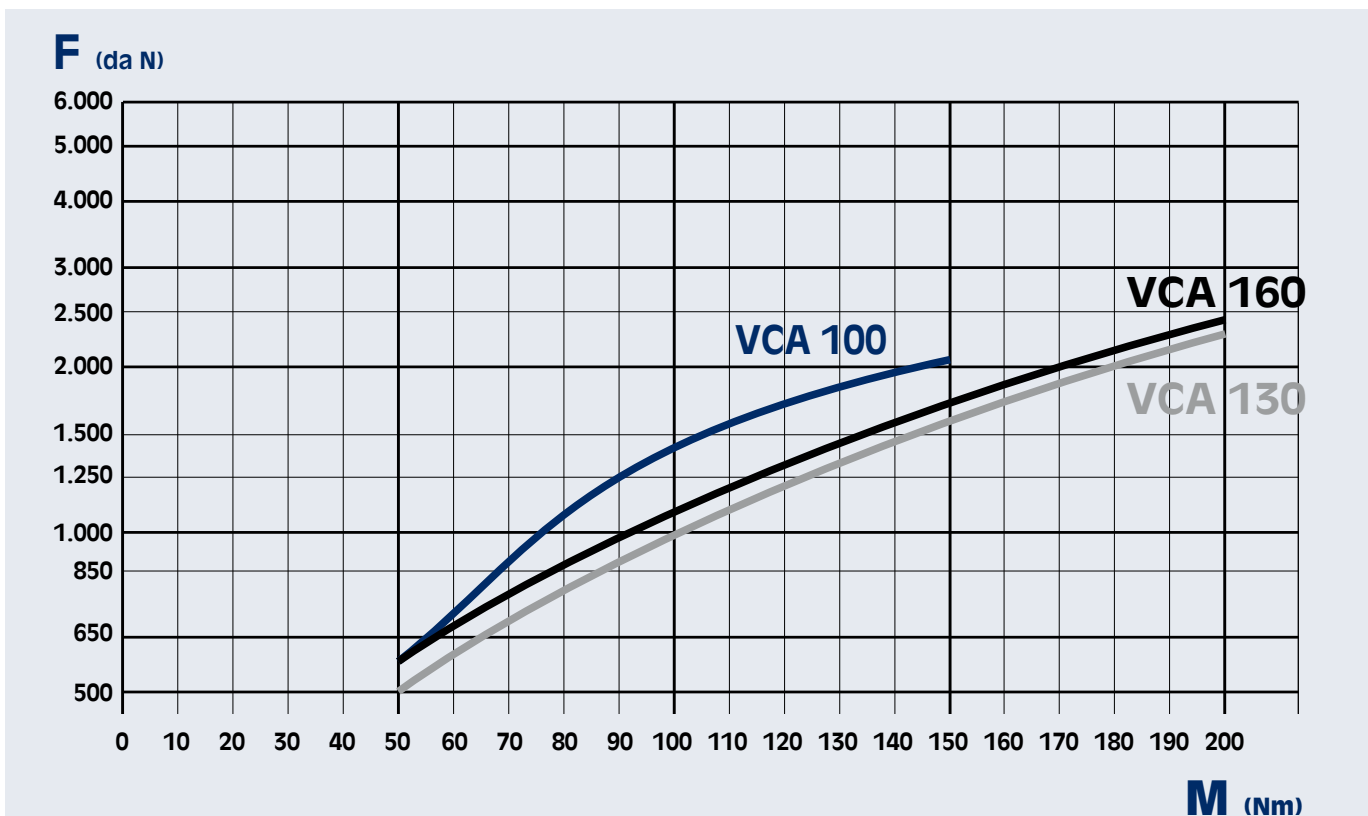


VP/VCP 100 = 4.000 kg = 15 Nm
 VP/VCP 130 = 5.500 kg = 20 Nm
 VP/VCP 160 = 6.500 kg = 25 Nm

Clamping force diagrams VCM without clamping force multiplier



Clamping force diagrams VCA without clamping force multiplier



Possible configurations of vices "SELF CENTERING"

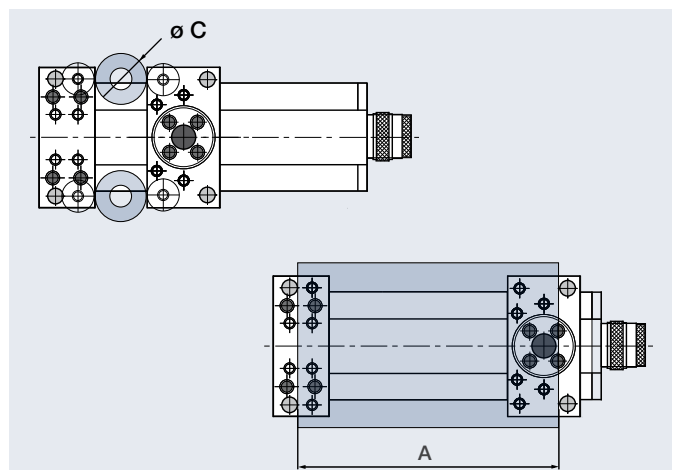
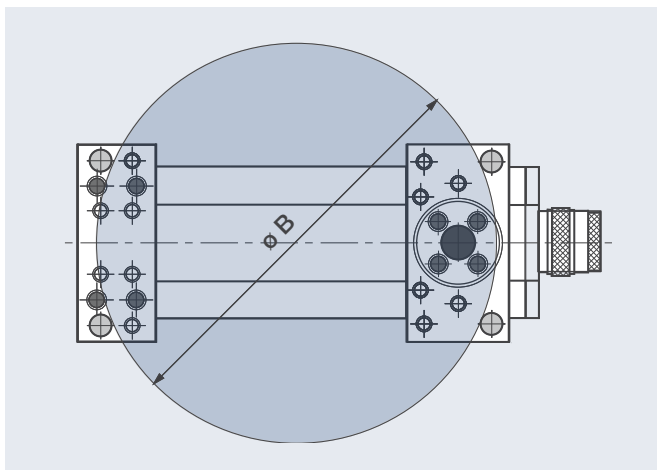


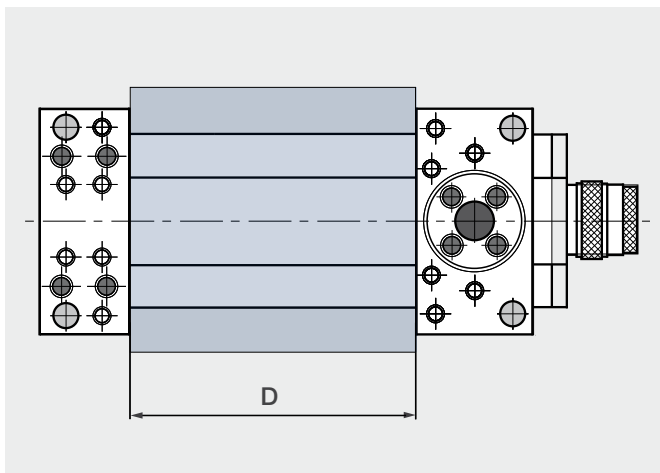
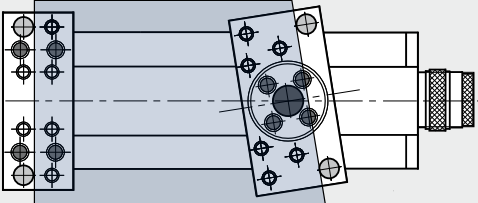
With block jaws

With L jaws

With gripper jaws

With floating gripper jaws



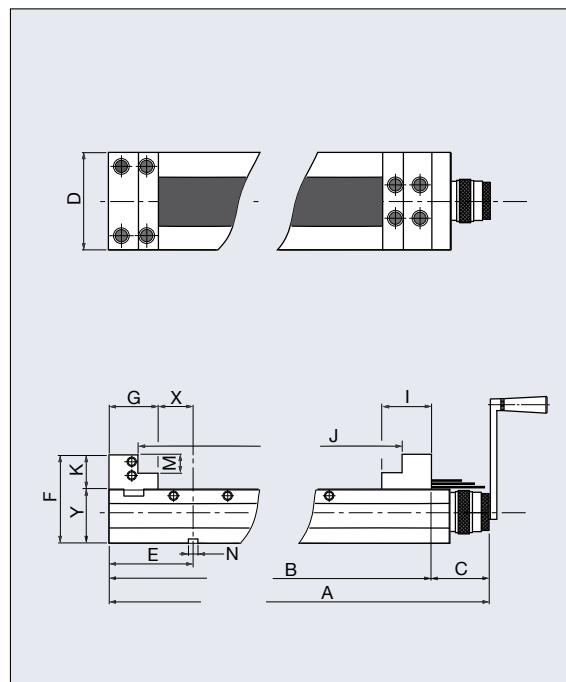
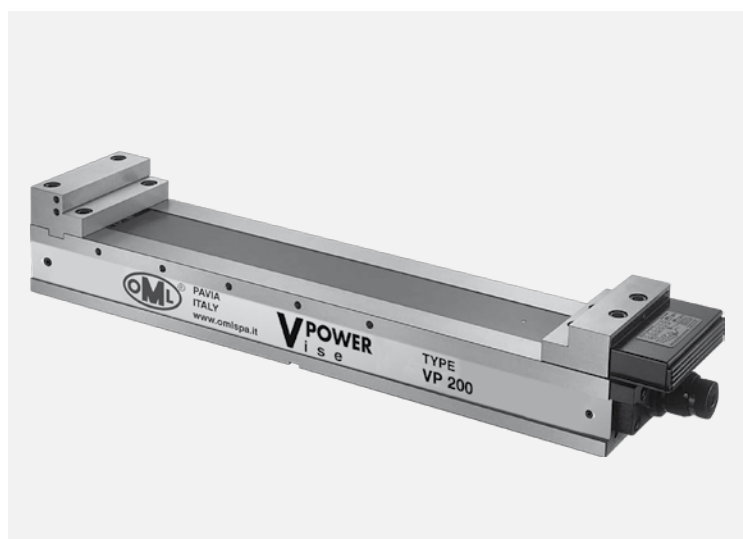



type	A	ø B	ø C	D
VCP 100	0-220	80-250		0-150
VCP 130	0-320	90-350	0-90	0-210
VCP 160	0-380	90-420	0-90	0-240

Vise POWER .XL Clamping vise with mechanical/mechanical clamping force multiplier

Vise Power XL

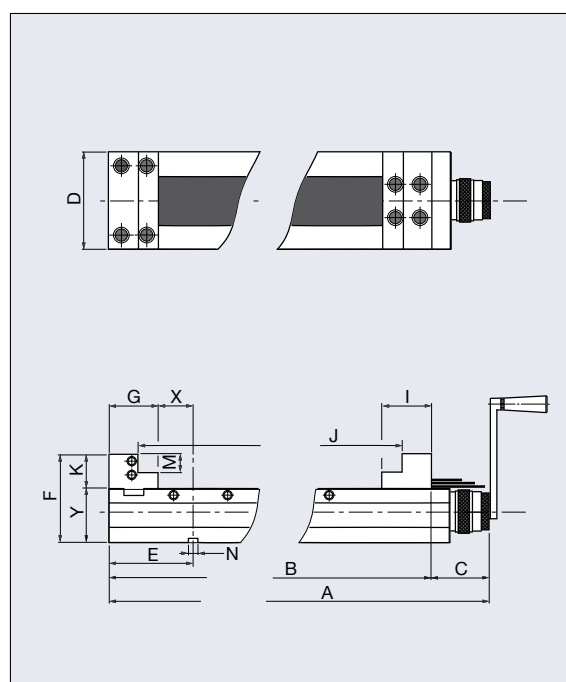
Clamping equipment complete with "L" fixed and movable jaws, wrench, carter for the protection of the screw, 2 positioning keys with screw, 4 clamps.



Cod.	type	A mm	B mm	C mm	D mm	E mm	F mm	G mm	J mm	I mm	K mm	M mm	N mm	X mm	Y mm	weight kg
77 58 93 11	VP 200 XL	1.086	980	106	201	490	170	100	856	97	60	30	18	388	110	127

Vise Power XXL

Clamping equipment complete with "L" fixed and movable jaws, wrench, carter for the protection of the screw, 2 positioning keys with screw, 4 clamps.



Cod.	type	A mm	B mm	C mm	D mm	E mm	F mm	G mm	J mm	I mm	K mm	M mm	N mm	X mm	Y mm	weight kg
77 58 93 16	VP 200 XXL	1.406	1.300	106	201	650	170	102	1.176	97	60	30	18	548	110	159