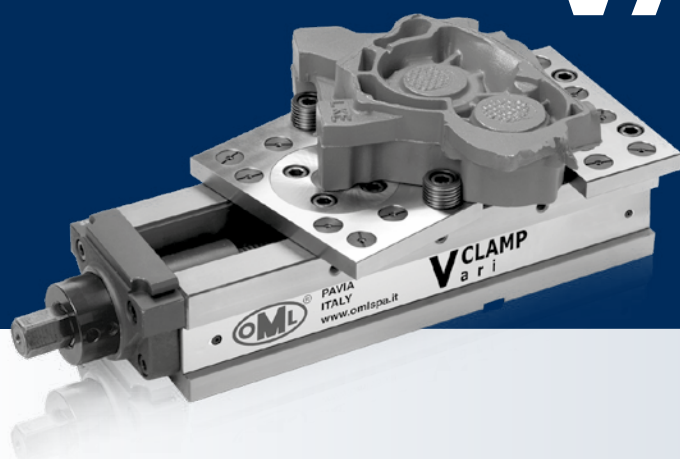
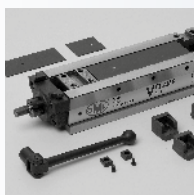


VARI CLAMP

9.1



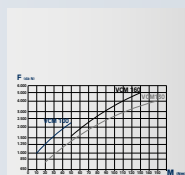
**Attrezzatura
di bloccaggio**



Vari CLAMP

Attrezzatura di bloccaggio senza moltiplicatore di forza meccanico

Pag. 9.1.4



Vari CLAMP

Diagrammi di bloccaggio

Pag. 9.1.17



Vari CLAMP

Accessori

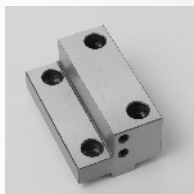
Pag. 9.1.6



Vari CLAMP

Esempi di impiego

Pag. 9.1.18



Vari CLAMP

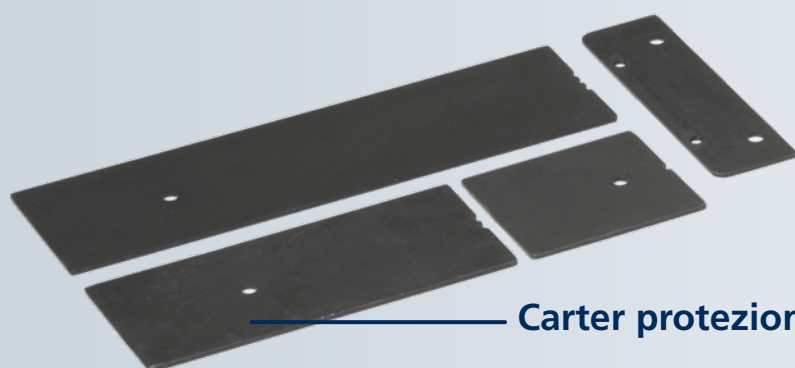
Ricambi

Pag. 9.1.10

Ganascia mobile "grip"



Ganascia mobile oscillante "grip"



Carter protezione vite



Ganascia mobile integrale



VARI CLAMP

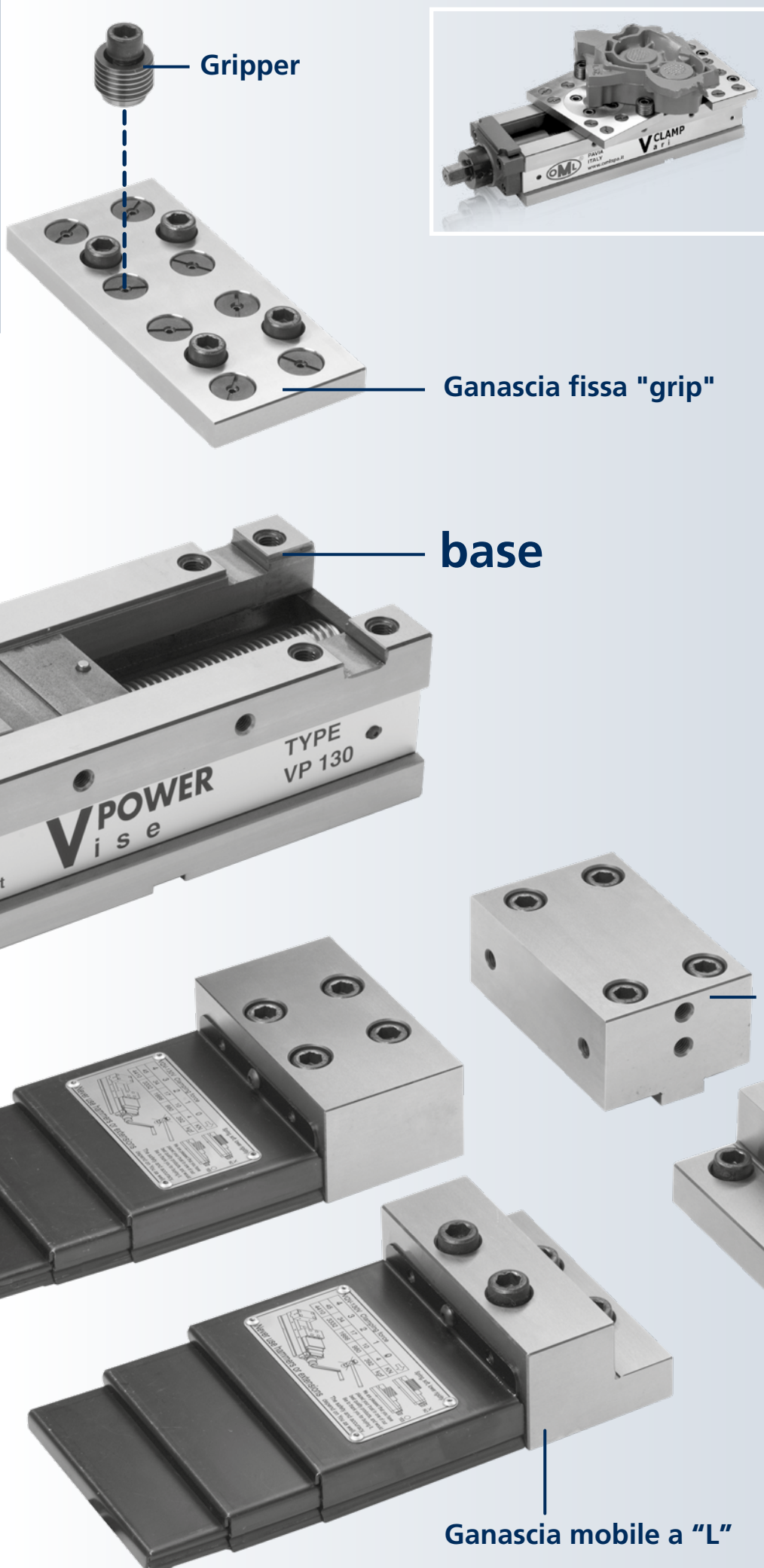
Tutte le caratteristiche della morsa in versione V-Power vengono ulteriormente esaltate nella versione Vari-Clamp.

1. Il design ultra piatto della ganascia fissa e mobile è adatto per il bloccaggio dei pezzi più sottili e per aumentare la capacità di taglio e la precisione di lavorazione.

2. La ganascia mobile è progettata con il meccanismo oscillante e ci sono molti tipi di inserti "grip" sulla ganascia per adattarsi al bloccaggio di pezzi diversi e forme difficili da bloccare.

3. La ganascia oscillante è progettata con un meccanismo che consente di bloccare facilmente superfici inclinate o non lisce, materiale grezzo, di fusione e superfici grezze e inclinate dopo il taglio.

4. Vari-Clamp consente di bloccare al meglio pezzi difficili, quali pezzi irregolari, tondi, ellittici, rettangolari, ovali, a gradino o inclinati, usando il meccanismo oscillante della ganascia mobile e i diversi tipi di inserti "grip".





Set base meccanico VCM

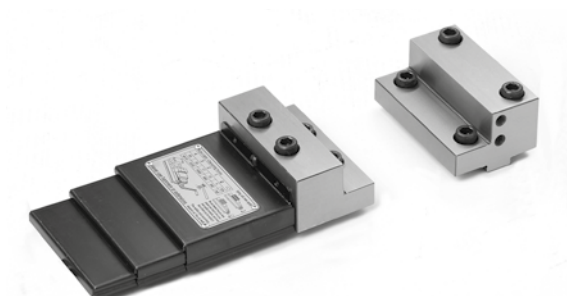
corpo base attrezzatura di bloccaggio completa di:

- chiave di manovra
- carter protezione vite
- 2 chiavette di posizionamento con viti
- 4 staffe di bloccaggio

Codice	per modello
77 58 90 60	VCM 100
77 58 91 60	VCM 130
77 58 92 60	VCM 160

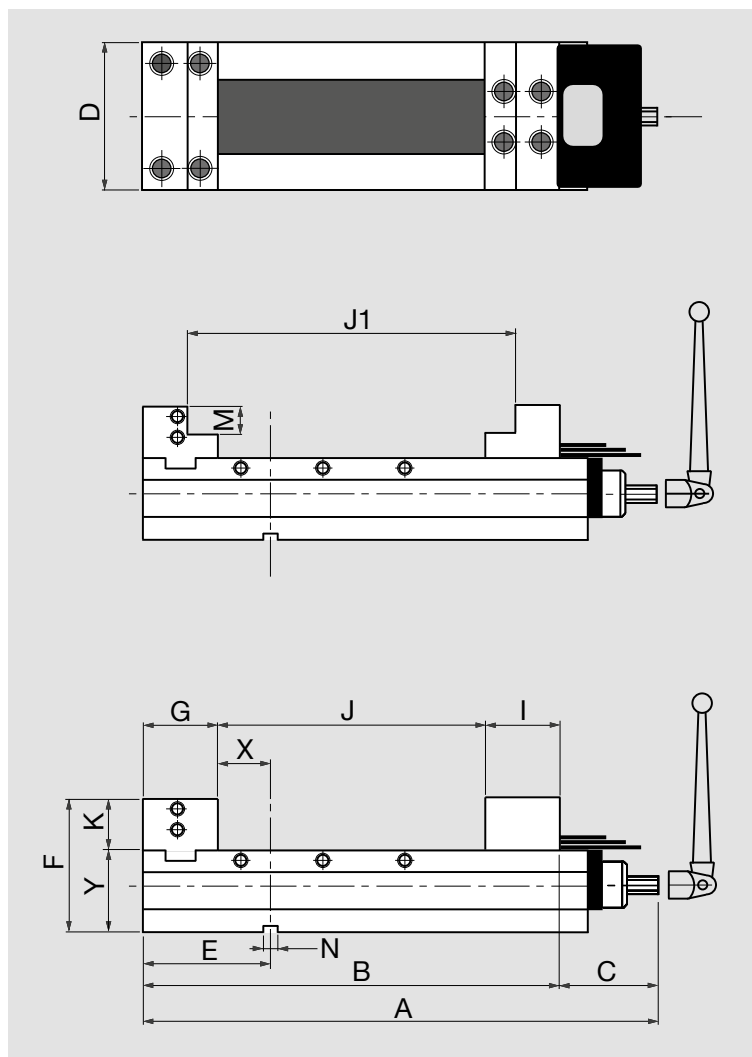
Kit ganasce ad "L"

Codice	per modello
58 90 71 10	100
58 91 71 10	130
58 92 71 10	160



Kit ganasce integrali

Codice	per modello
58 90 72 10	100
58 91 72 10	130
58 92 72 10	160



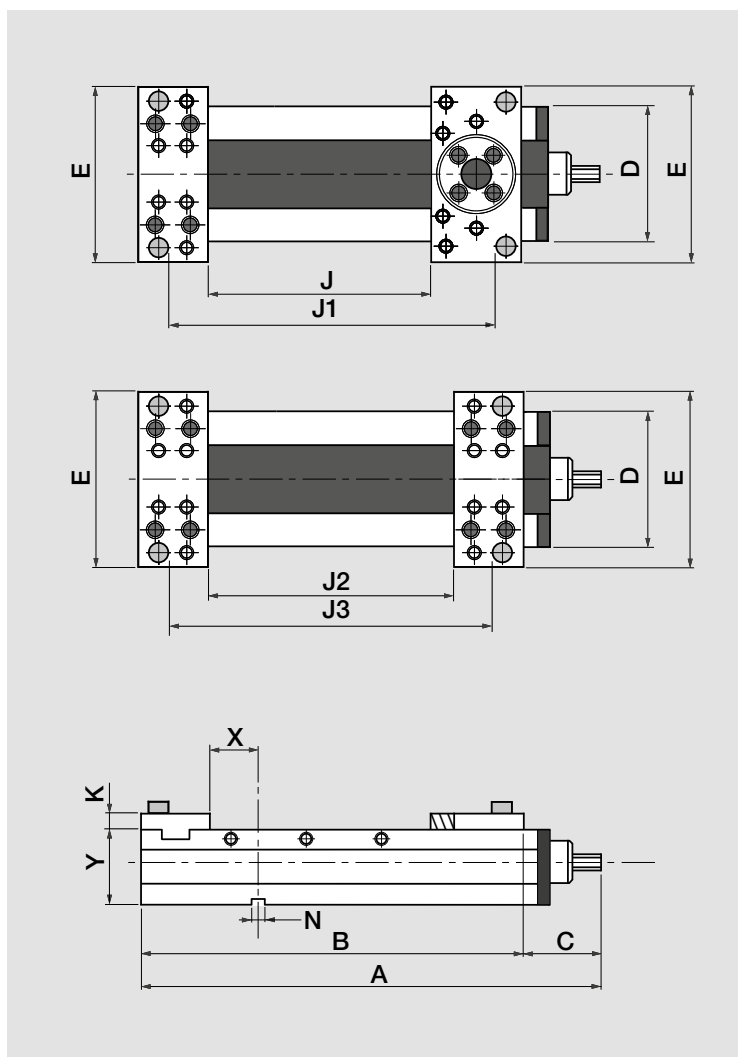
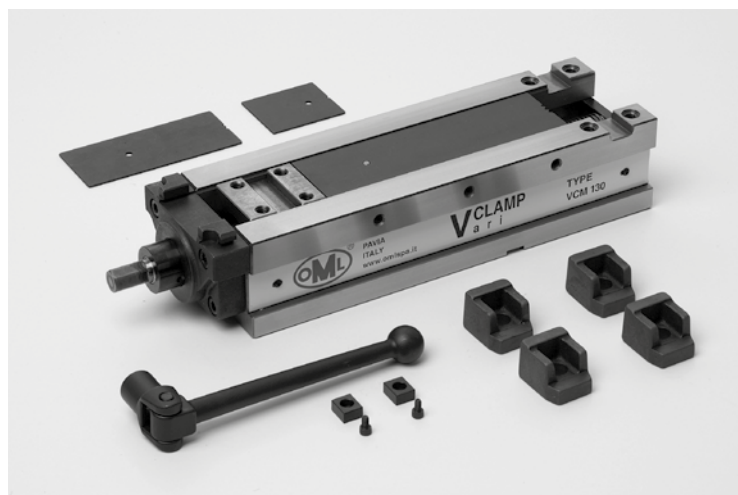
modello	A mm	B mm	C mm	D mm	E mm	F mm	G mm	J mm	J1 mm	I mm	K mm	M mm	N mm	X mm	Y mm	Limite pressione KN (kgf)	Peso kg
VCM 100	398	300		101	124	130	78	155	213	64	45	25		45	85	20 (2.000)	22
VCM 130	508	410	98	131	149	147	83	250	315	74	52	30	18	65	95	40 (4.000)	40
VCM 160	573	475		161	152	160	86	300	370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

Set base meccanico VCM

corpo base attrezzatura di bloccaggio completa di:

- chiave di manovra
- carter protezione vite
- 2 chiavette di posizionamento con viti
- 4 staffe di bloccaggio

Codice	per modello
77 58 90 60	VCM 100
77 58 91 60	VCM 130
77 58 92 60	VCM 160



Kit ganasce gripper

Codice	per modello
58 90 73 10	100
58 91 73 10	130
58 92 73 10	160



Kit ganasce gripper oscillante

Codice	per modello
58 90 73 20	100
58 91 73 20	130
58 92 73 20	160



modello	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	Limite pressione KN (kgf)	Peso 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

Set 4 gripper h11 lisci



Cod. 58 90 61 14



Set 4 gripper h11 dentati



Cod. 58 90 61 24



Set 4 gripper h19 lisci



Cod. 58 90 62 14



Set 4 gripper h19 dentati



Cod. 58 90 62 24



Set 4 gripper h24 lisci



Cod. 58 90 63 14



Set 4 gripper h24 dentati



Cod. 58 90 63 24



Set 4 gripper h11 lisci-dentati



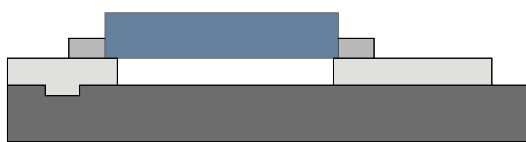
Cod. 58 90 64 14



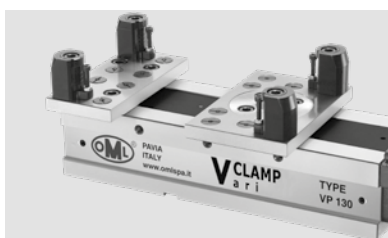
Set 4 gripper h25 teneri-lisci



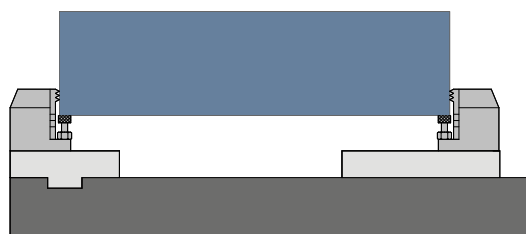
Cod. 58 90 65 14



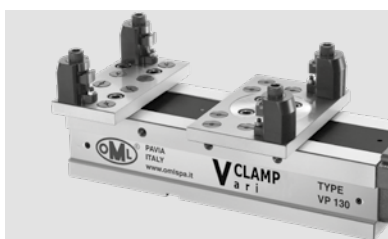
Set 4 gripper h50 dentati-vite regolabile



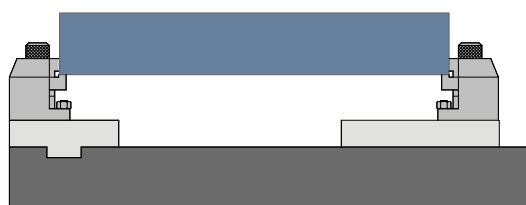
Cod. 58 90 67 24



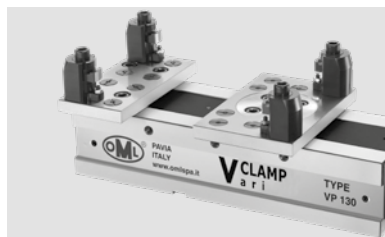
Set 4 gripper h50 lisci con appoggio



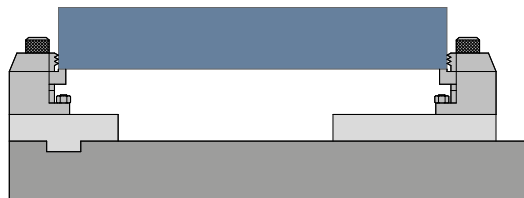
Cod. 58 90 68 14



Set 4 gripper h50 dentati con appoggio



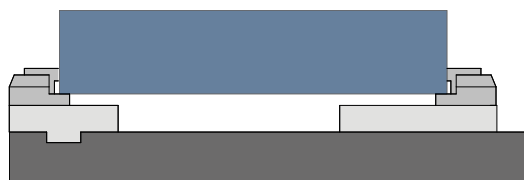
Cod. 58 90 68 24



Set 4 gripper h25 lisci con vite regolabile



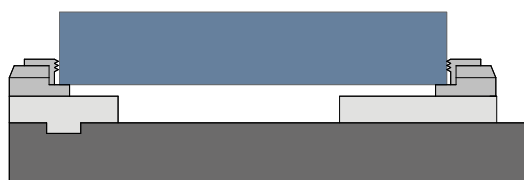
Cod. 58 90 66 14



Set 4 gripper h25 dentati con vite regolabile



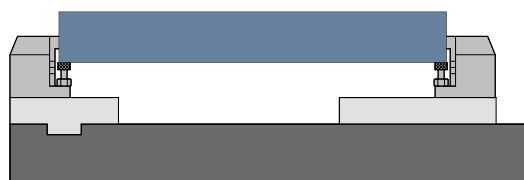
Cod. 58 90 66 24



Set 4 gripper h50 lisci con vite regolabile



Cod. 58 90 67 14



Serie completa con 14 sets di 4 gripper

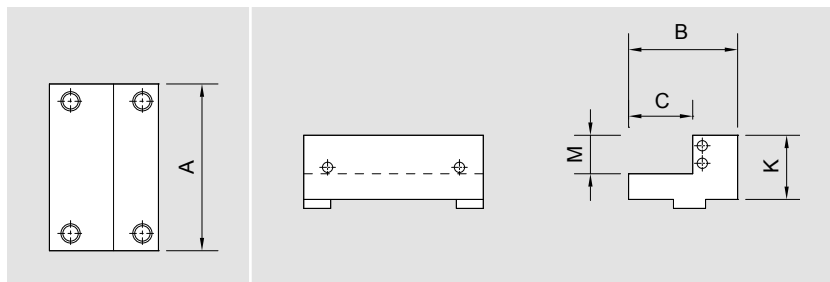
9.1

58 90 60 09

per modello VCP 100 - VCP 130 - VCP 160

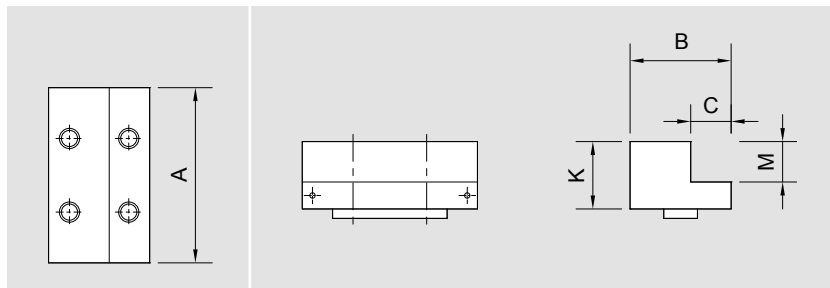


Ganascia fissa a "L"



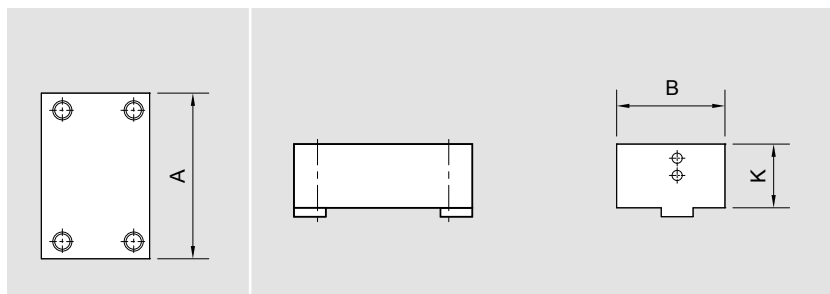
Cod.	tipo	A mm	B mm	C mm	K mm	M mm	peso kg
58 90 02 10	100	100	78	32,5	45	25	2
58 91 02 10	130	130	83	35	52	30	3
58 92 02 10	160	160	86	35	95	30	4,2

Ganascia mobile a "L" (con carter protezione vite telescopico)



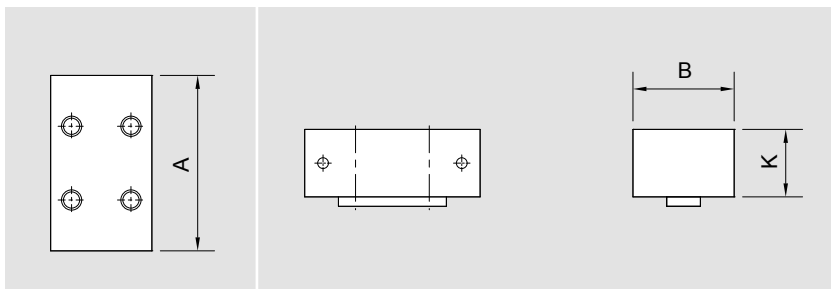
Cod.	tipo	A mm	B mm	C mm	K mm	M mm	peso kg
58 90 03 10	100	100	64	26	45	25	1,5
58 91 03 10	130	130	74	30	52	30	2,8
58 92 03 10	160	160	86	35	55	30	4,2

Ganascia fissa integrale



Cod.	tipo	A mm	B mm	K mm	peso 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

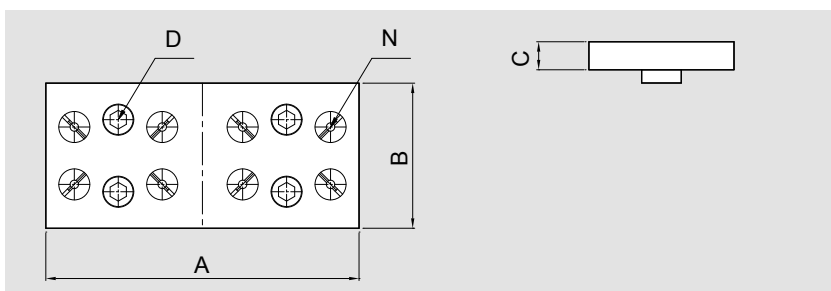
Ganascia mobile integrale (con carter protezione vite telescopico)



Cod.	tipo	A mm	B mm	K mm	peso 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



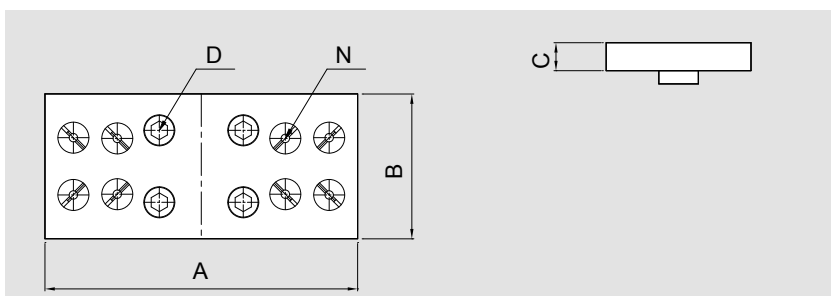
Ganascia fissa gripper



Cod.	tipo	A mm	B mm	C mm	D mm	N	peso 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



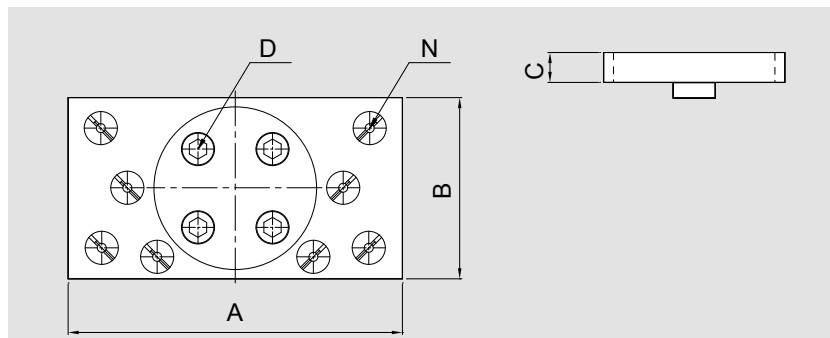
Ganascia mobile gripper



Cod.	tipo	A mm	B mm	C mm	D mm	N	peso 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

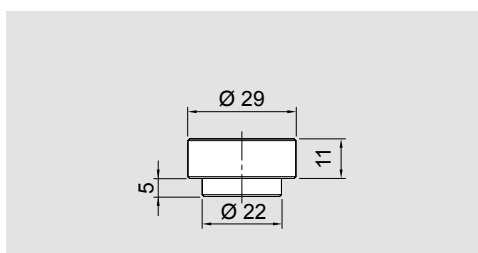


Ganascia mobile oscillante gripper

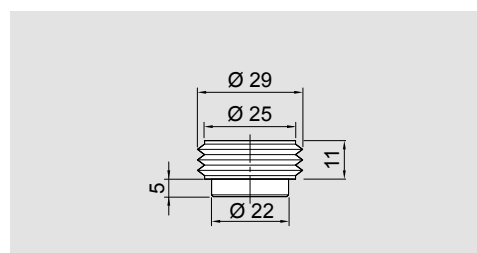


Codice	Modello	A mm	B mm	C mm	D mm	N	Peso kg
58 90 03 40	VCP 100	160	88	22	M10x25L	6	2,2
58 91 03 40	VCP 130	190	103	22	M12x30L	8	3,2
58 92 03 40	VCP 160	220	128	22	M14x30L	8	5,7

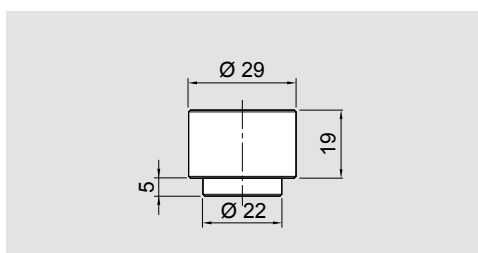
Gripper h11 liscio



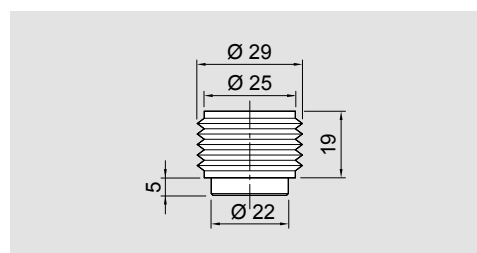
Gripper h11 dentato



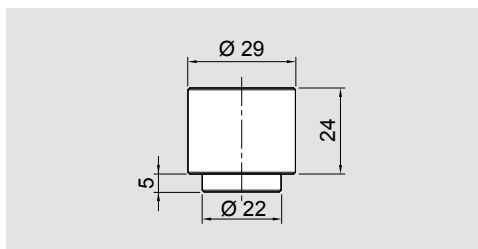
Gripper h19 liscio



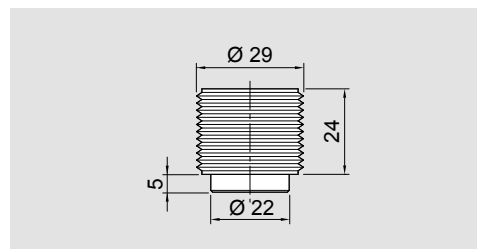
Gripper h19 dentato



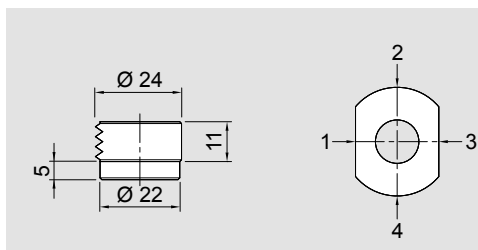
Gripper h24 liscio



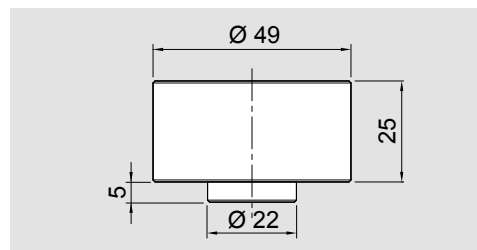
Gripper h24 dentato



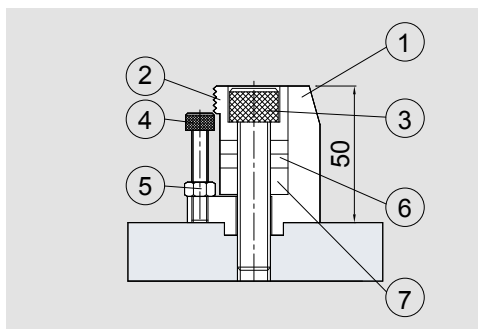
Gripper h11 liscio-dentato



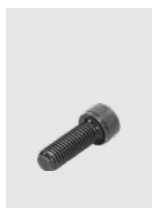
Gripper tenero h25 liscio



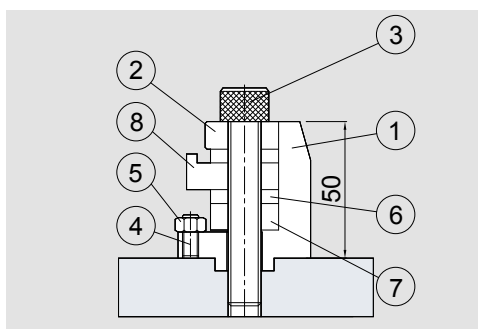
Gripper h50 dentato con vite regolabile

Codice
58 90 67 20


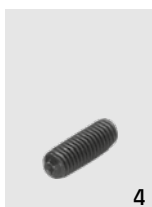
Pos.	Codice	Descrizione
1	58 90 51 20	Corpo esterno
2	58 90 52 20	Gripper dentato
3	71 11 31 09	Vite TCEI M12x60 12.9
4	71 11 30 47	Vite TCEI M6x30 12.9
5	71 15 02 06	Dado M6
6	58 90 54 10	Spessore (5 mm)
7	58 90 54 20	Spessore (10 mm)



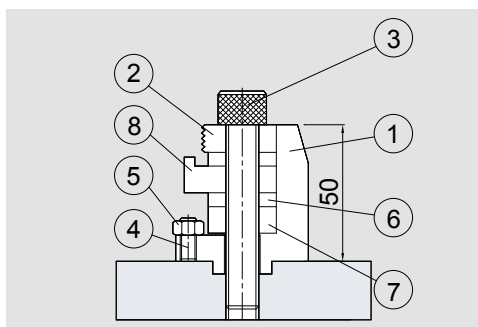
Gripper h50 liscio con appoggio

Codice
58 90 68 10


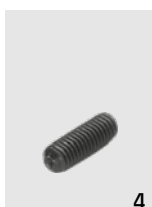
Pos.	Codice	Descrizione
1	58 90 51 20	Corpo esterno
2	58 90 53 10	Gripper liscio
3	71 11 31 10	Vite TCEI M12x70 12.9
4	71 11 21 24	Grano piatto M6x16
5	71 15 02 06	Dado M6
6	58 90 54 10	Spessore (5 mm)
7	58 90 54 20	Spessore (10 mm)
8	58 90 55 10	Anello di appoggio



Gripper h50 dentato con appoggio

Codice
58 90 68 20


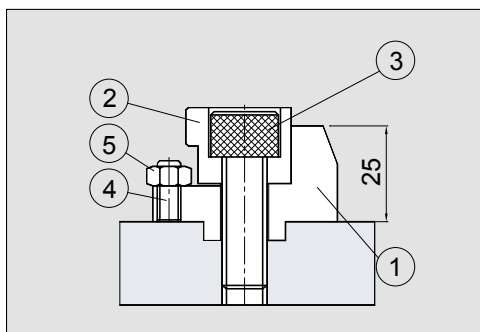
Pos.	Codice	Descrizione
1	58 90 51 20	Corpo esterno
2	58 90 53 20	Gripper dentato
3	71 11 31 10	Vite TCEI M12x70 12.9
4	71 11 21 24	Grano piatto M6x16
5	71 15 02 06	Dado M6
6	58 90 54 10	Spessore (5 mm)
7	58 90 54 20	Spessore (10 mm)
8	58 90 55 10	Anello di appoggio



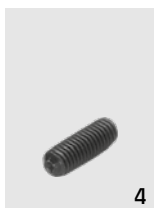
Gripper h25 liscio con vite regolabile

Cod.

58 90 66 10



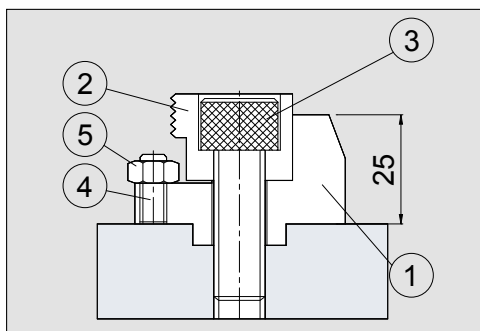
Pos.	Cod.	Descrizione
1	58 90 51 10	Corpo esterno
2	58 90 52 10	Gripper liscio
3	71 11 31 05	Vite TCEI M12x35 12.9
4	71 11 21 24	Grano piatto M6x16
5	71 15 02 06	Dado M6



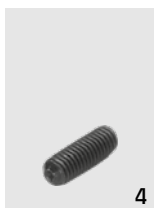
Gripper h25 dentato con vite regolabile

Cod.

58 90 66 20



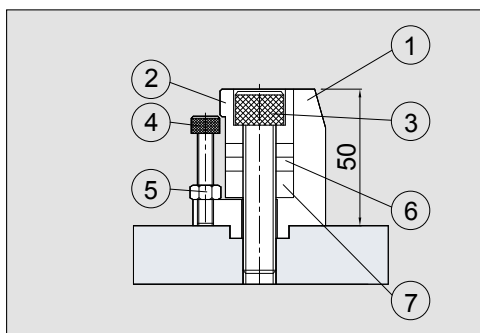
Pos.	Cod.	Descrizione
1	58 90 51 10	Corpo esterno
2	58 90 52 20	Gripper dentato
3	71 11 31 05	Vite TCEI M12x35 12.9
4	71 11 21 24	Grano piatto M6x16
5	71 15 02 06	Dado M6



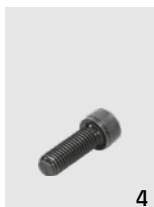
Gripper h50 liscio con vite regolabile

Cod.

58 90 67 10



Pos.	Cod.	Descrizione
1	58 90 51 20	Corpo esterno
2	58 90 52 10	Gripper liscio
3	71 11 31 09	Vite TCEI M12x60 12.9
4	71 11 30 47	Vite TCEI M6x16
5	71 15 02 06	Dado M6
6	58 90 54 10	Spessore (5 mm)
7	58 90 54 20	Spessore (10 mm)



Coppia chiavette di posizionamento

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 4 staffe

Cod.	per modello
58 90 27 09	VCP 100 - VP 100
	VCP 130 - VP 130
	VCP 160 - VP 160



Chiave di manovra

Cod.	per modello
58 90 19 10	VCM 100 - VCA 100
	VCM 130 - VCA 130
	VCM 160 - VCA 160



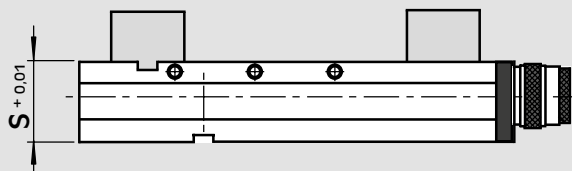
Chiave dinamometrica

Cod.	per modello
51 50 10 10	VCM 100 - VCA 100
	VCM 130 - VCA 130
	VCM 160 - VCA 160

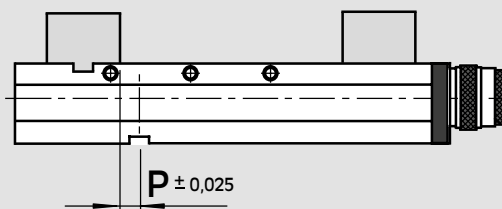


Tolleranze costruttive per tutti i modelli

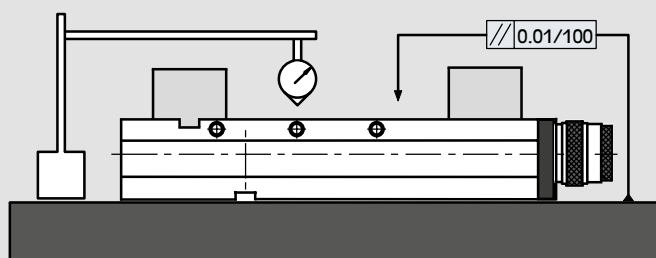
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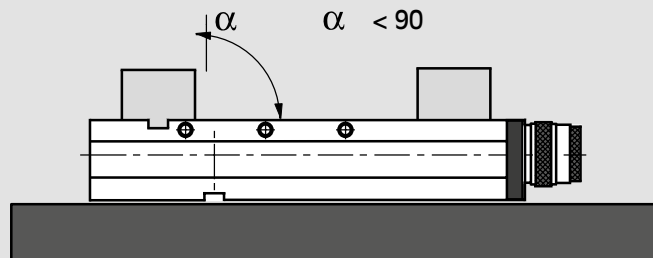
B



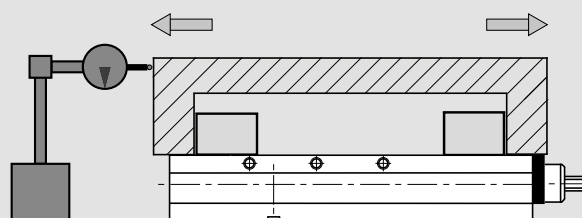
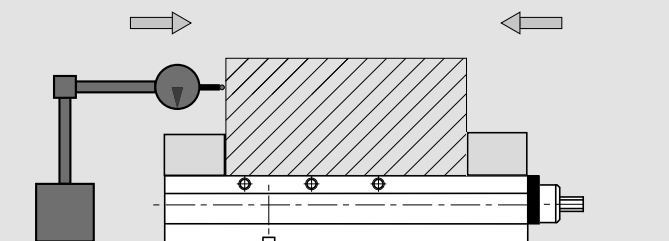
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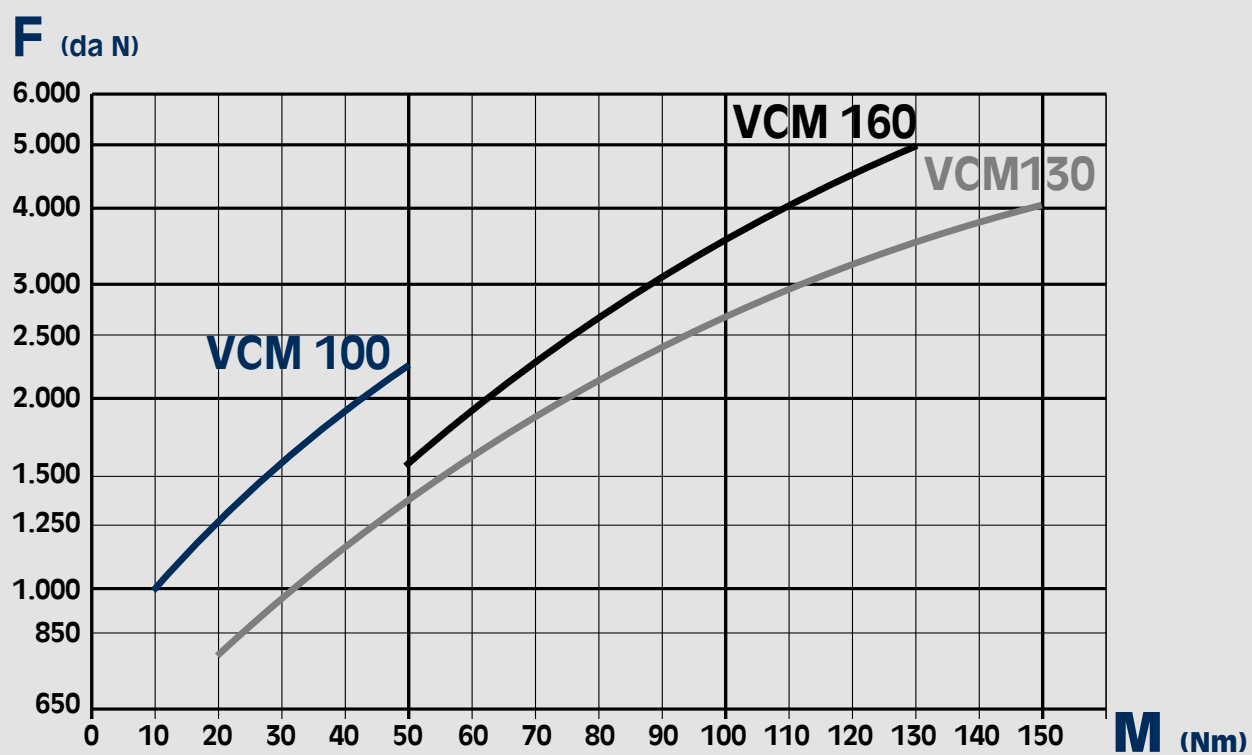
D

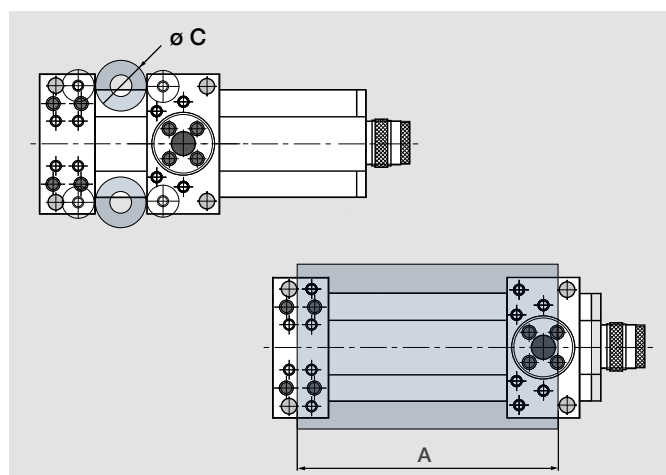
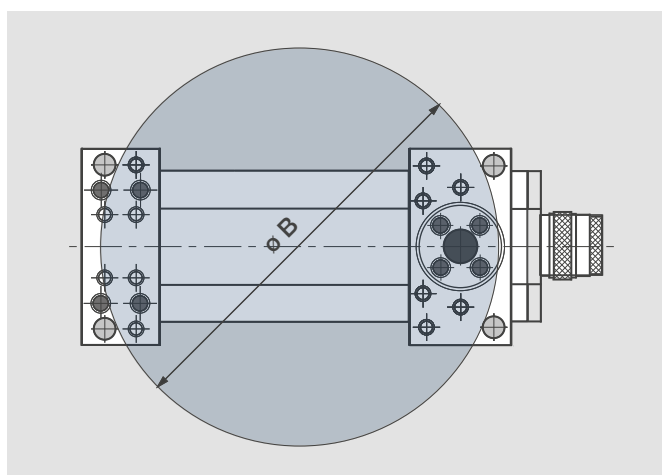


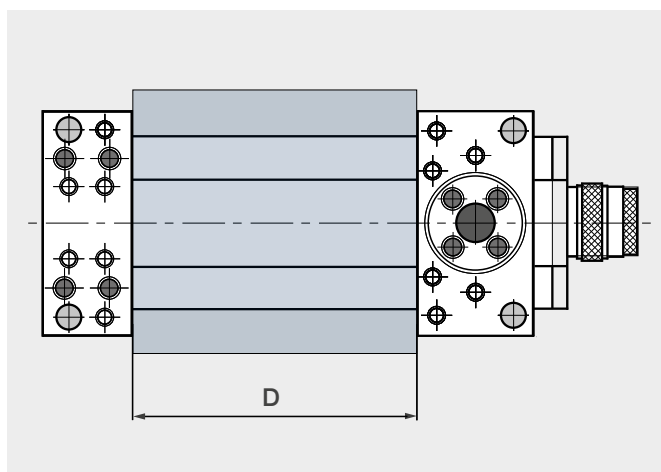
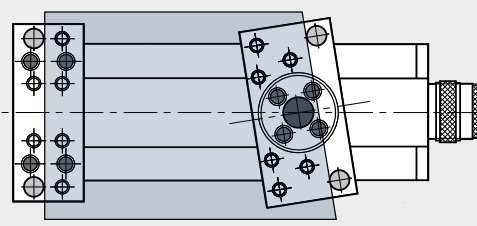
Precisione di ripetibilità del bloccaggio modello VCA $\pm 0,01$



Diagrammi forze di bloccaggio VCM senza moltiplicatore di pressione





tipo	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

NOTE