03_01. MINICILINDRI INOX ISO 6432 Ø08-25
ISO 6432 STAINLESS STEEL MINI-CYLINDERS Ø08-25

Altamente resistenti, con testate cianfrinate e realizzati in acciaio inox. Disponibili in versione magnetica o non, con o senza ammortizzo regolabile, doppio effetto, a stelo singolo o passante. Su richiesta sono disponibili in varie esecuzioni speciali ed in versione conforme alla direttiva 2014/34/UE ATEX.

Highly resistant with crimped covers and built in stainless steel. Available with or without magnet, with or without adjustable cushioning, double acting, single or through piston rod. Special versions are available. On request complaint with 2014/34/UE ATEX directive.

Informazioni tecniche *Technical information*

Testate ***Covers***	Acciaio inox AISI 304 *Stainless steel AISI 304*	**Stelo** ***Piston rod***	Acciaio inox AISI 316 *Stainless steel AISI 316*
Tubo ***Tube***	Acciaio inox AISI 304 *Stainless steel AISI 304*	**Fluido** ***Working fluid***	Aria compressa filtrata, lubrificata e non *Filtered, lubricated or not compressed air*
Pistone ***Piston***	Ottone *Brass*	**Temperatura di impiego** ***Working temperature***	ø8-10-12	-20°C +80°C con aria secca - ø16-20-25	-35°C +80°C con aria secca *ø8-10-12	-20°C +80°C with dry air - ø16-20-25	-35°C +80°C with dry air*
Guarnizioni ***Seals***	ø8-10-12 Poliuretano-NBR	ø16-20-25 Poliuretano *ø8-10-12 Polyurethane-NBR	ø16-20-25 Polyurethane*	**Pressione MAX** ***MAX pressure***	10 bar
Boccola guida ***Guiding bush***	Bronzo sinterizzato *Sintered bronze*		

Chiavi di codifica *Cylinders key code*

Versione *Version*			Diametro *Diameter*	Corsa *Stroke*	Varianti *Variants*	
CDEI		Doppio effetto non magnetico *Double acting non magnetic*	08	0... 1000	**-**	Standard *Standard*
CDEMI		Doppio effetto magnetico *Double acting magnetic*	10		**V**	Guarnizioni FKM *FKM seals*
CDEAI		Doppio effetto con ammortizzo regolabile non magnetico *Double acting with adjustable cushioning non magnetic*	12		**VG**	Guarnizione stelo FKM *FKM rod seal*
CDEMAI		Doppio effetto con ammortizzo regolabile magnetico *Double acting with adjustable cushioning magnetic*	16		**SD**	Senza dado stelo e testata *Without rod and front cover nut*
CDEPI		Doppio effetto stelo passante non magnetic *Double acting through rod non magnetic*	20		**PG**	Lubrificante basso attrito *Low friction lubricant*
CDEMPI		Doppio effetto stelo passante magnetico *Double acting through rod magnetic*	25		**SF**	Lubrificante siliconico *Silicone lubricant*
CDEAPI		Doppio effetto stelo passante con ammortizzo regolabile non magnetico *Double acting through rod with adjustable cushioning non magnetic*			**UH**	Lubrificazione FDA *FDA Lubrification*
CDEMAPI		Doppio effetto stelo passante con ammortizzo regolabile magnetico *Double acting through rod with adjustable cushioning magnetic*			**EX**	Certificazione ATEX *ATEX certification*
					P...	Stelo prolungato *Piston rod extension*

Esempio *Example* **(CDEMI 20 / 100 V)**

CDEMI	20	/	100	V

IN CASO DI VERSIONE STANDARD, LASCIARE VUOTO
LEAVE EMPTY IN CASE OF STANDARD VERSION

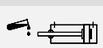
Corse standard *Standard strokes*

Ø [mm]	Corse standard [mm] *Standard strokes [mm]*													
08	10	25	40	50	80	100								
10	10	25	40	50	80	100								
12	10	25	40	50	80	100	125	160	200					
16	10	25	40	50	80	100	125	160	200					
20	10	25	40	50	80	100	125	160	200	250	300	320		
25	10	25	40	50	80	100	125	160	200	250	300	320	400	500

Forze teoriche a 6 bar *Theoretical forces at 6 bar*

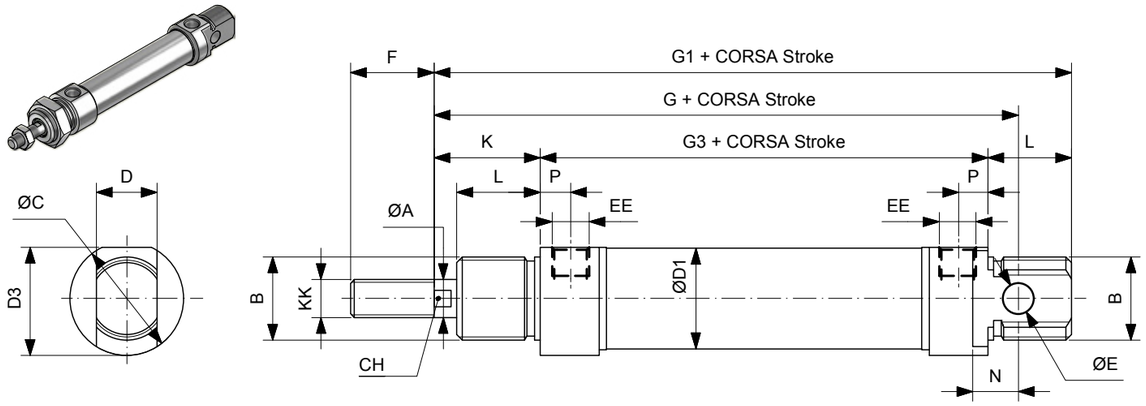
Ø [mm]	Forza di spinta [N] *Thrust force [N]*	*Forza di trazione [N]* *Traction force [N]*
08	30	23
10	47	40
12	68	51
16	121	104
20	189	158
25	294	247

A richiesta *On request*

Simbolo *Symbol*	Caratteristiche *Features*
	Filettature e steli su richiesta *Custom made thread or piston rod*
	Resistente alle basse temperature -40°C...+80°C *Low temperature resistant -40°C...+80°C*
	Resistente alle alte temperature -10°C...+150°C *High temperature resistant -10°C...+150°C*
	Guarnizione stelo ad elevata resistenza chimica *Rod seal with increased chemical resistance*
	Basso attrito *Low friction*
	Semplice effetto *Single acting*
	Configurazione tandem a più posizioni *Multi position configuration*
	Configurazione tandem a doppia spinta *Double thrust tandem configuration*
	Configurazione tandem contrapposti anteriore *Front opposed tandem configuration*
	Configurazione tandem contrapposti posteriore *Rear opposed tandem configuration*

DOPPIO EFFETTO
DOUBLE ACTING

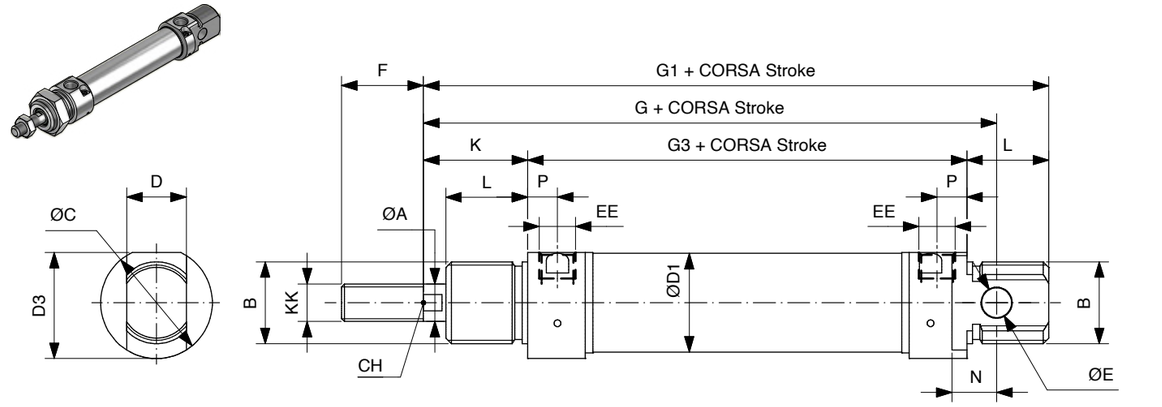
CDEIØ/... - CDEMIØ/...



Ø	ØA	B	ØC	CH	D	ØD1	D3	ØE	EE	F	G	G1	G3	K	KK	L	N	P
8	4	M12x1.25	16	/	8	9.27	15	4	M5	12	64	74	46	16	M4x0.7	12	6	5
10	4	M12x1.25	16	/	8	11.27	15	4	M5	12	64	74	46	16	M4x0.7	12	6	5
12	6	M16x1.5	19	5	12	13.27	18	6	M5	16	75	88	48	22	M6x1	18	9	5
16	6	M16x1.5	19	5	12	17.27	18	6	M5	16	82	93	53	22	M6x1	18	9	4.5
20	8	M22x1.5	27	7	16	21.27	25.5	8	1/8"G	20	95	111	67	24	M8x1.25	20	12	8
25	10	M22x1.5	30	9	16	26.5	28.5	8	1/8"G	22	104	118	68	28	M10x1.25	22	12	8

DOPPIO EFFETTO AMMORTIZZATO
DOUBLE ACTING CUSHIONED

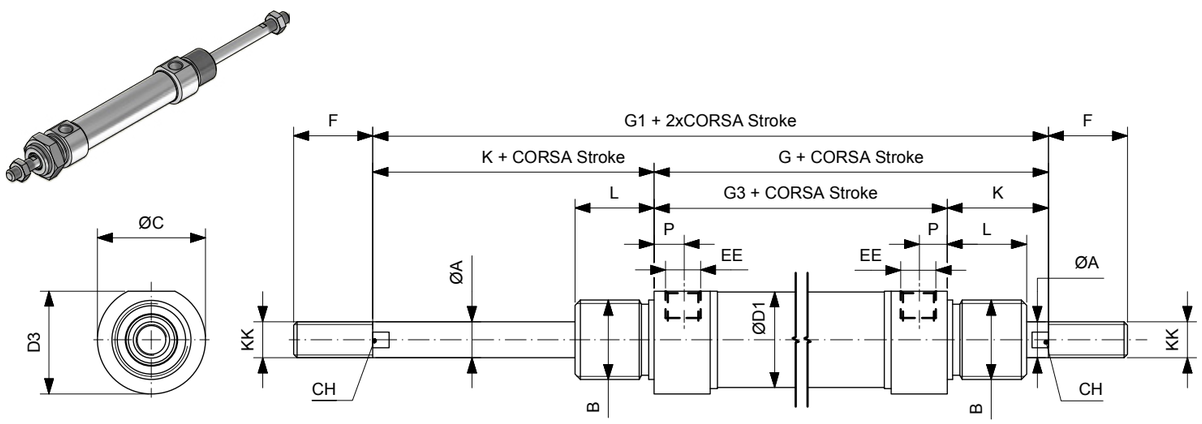
CDEAIØ/... - CDEMAIØ/...



Ø	ØA	B	ØC	CH	D	ØD1	D3	ØE	EE	F	G	G1	G3	K	KK	L	N	P
16	6	M16x1.5	21	5	12	17.27	20	6	M5	16	82	93	55	22	M6x1	17	9	5.5
20	8	M22x1.5	27	7	16	21.27	25.5	8	1/8"G	20	95	111	67	24	M8x1.25	20	12	8
25	10	M22x1.5	30	9	16	26.5	28.5	8	1/8"G	22	104	118	68	28	M10x1.25	22	12	8

DOPPIO EFFETTO PASSANTE
DOUBLE ACTING THROUGH PISTON ROD

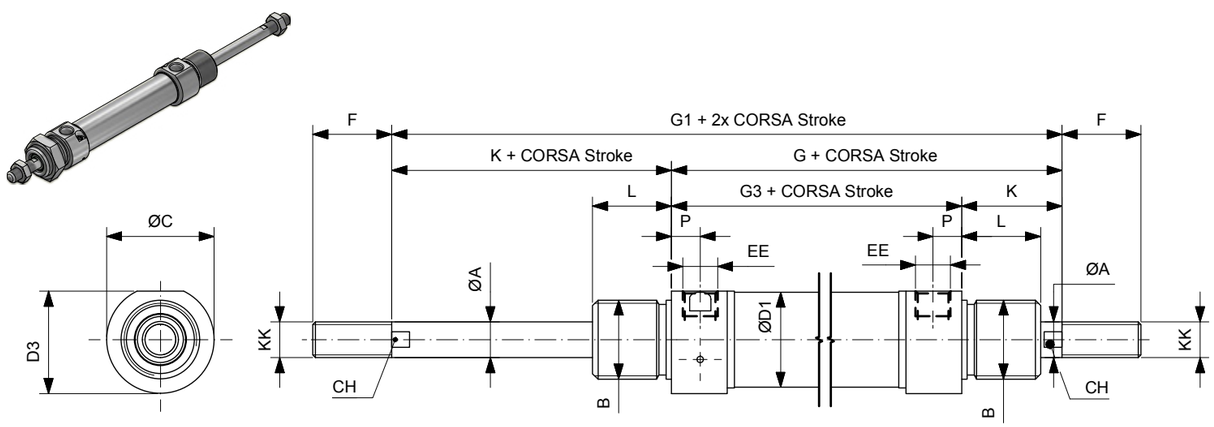
CDEPIØ/... - CDEMPIØ/...



Ø	ØA	B	ØC	CH	ØD1	D3	EE	F	G	G1	G3	K	KK	L	P
8	4	M12x1.25	16	/	9.27	15	M5	12	62	78	46	16	M4x0.7	12	5
10	4	M12x1.25	16	/	11.27	15	M5	12	62	78	46	16	M4x0.7	12	5
12	6	M16x1.5	19	5	13.27	18	M5	16	70	92	48	22	M6x1	18	5
16	6	M16x1.5	19	5	17.27	18	M5	16	75	97	53	22	M6x1	18	4.5
20	8	M22x1.5	27	7	21.27	25.5	1/8"G	20	91	115	67	24	M8x1.25	20	8
25	10	M22x1.5	30	9	26.5	28.5	1/8"G	22	96	124	68	28	M10x1.25	22	8

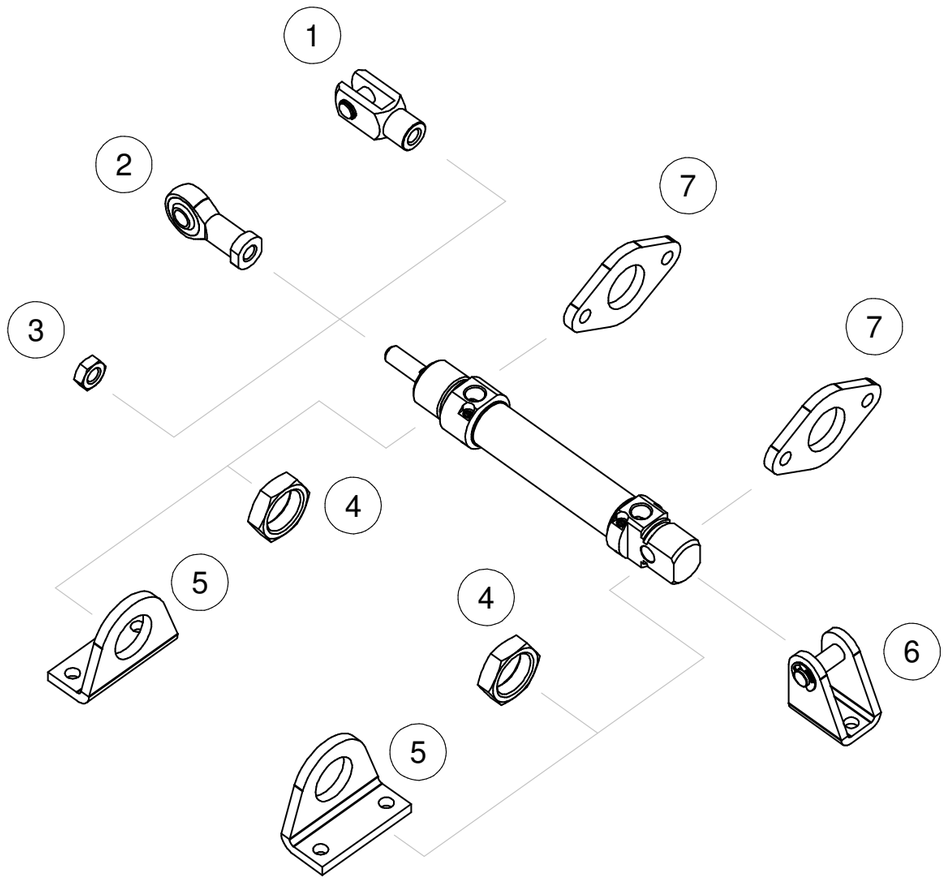
DOPPIO EFFETTO AMMORTIZZATO PASSANTE
DOUBLE ACTING CUSHIONED THROUGH PISTON ROD

CDEAPIØ/... - CDEMAPIØ/...



Ø	ØA	B	ØC	CH	ØD1	D3	EE	F	G	G1	G3	K	KK	L	P
16	6	M16x1.5	21	5	17.27	20	M5	16	76	97	55	22	M6x1	17	5.5
20	8	M22x1.5	27	7	21.27	25.5	1/8"G	20	91	115	67	24	M8x1.25	20	8
25	10	M22x1.5	30	9	26.5	28.5	1/8"G	22	96	124	68	28	M10x1.25	22	8

03_01. ACCESSORI MINICILINDRI INOX ISO 6432 Ø08-25
ISO 6432 STAINLESS STEEL MINI-CYLINDERS Ø08-25 ACCESSORIES

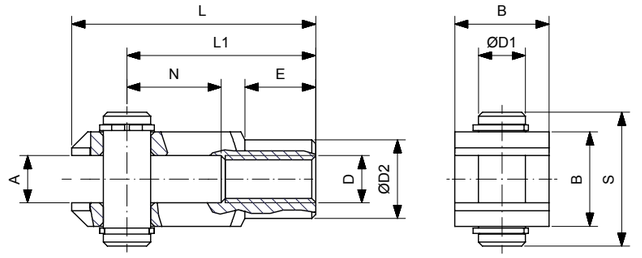


Accessori di fissaggio *Mounting accessories*

	Descrizione *Description*	Code *Code*
1	**Forcella** *Clevis*	FORM...I
2	**Testa a snodo** *Rod end*	TSNDM...I
3	**Dado per stelo** *Piston rod nut*	ANA...I
4	**Dado testata** *Cover nut*	ANA...I-ANT...I
5	**Piedino** *Foot (MS3)*	APM...I
6	**Cerniera** *Hinge (MP3)*	COM...I
7	**Flangia** *Flange (MF8)*	AFM...I

1 FORCELLA
CLEVIS

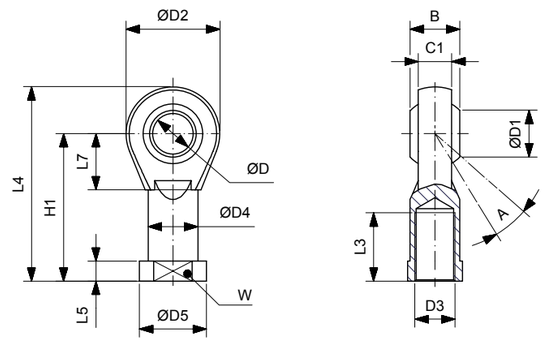
Acciaio Inox AISI 303 • *Stainless Steel AISI 303*



CODICE/CODE	Ø	D	A	B	ØD1	S	N	L1	L	E	ØD2
FORM4ISOI	08-10	M4	4	8	4	13	8	16	21	6	8
FORM6ISOI	12-16	M6	6	12	6	17	12	24	31	9	10
FORM8ISOI	20	M8	8	16	8	21	16	32	42	12	14
FORM10ISOI	25	M10X1.25	10	20	10	25	20	40	52	15	18

2 TESTA A SNODO
ROD END

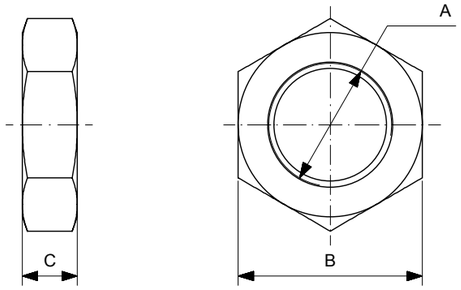
Acciaio inox e PTFE • *Stainless Steel and PTFE*



CODICE/CODE	Ø	D3	W	L3	A	ØD	ØD1	C1	B	ØD4	D5	L5	L7	H1	L4	ØD2
TSNDM4X0.7I	08-10	M4	9	10	13°	5	7.7	6	8	9	11	4	10	27	36	18
TSNDM6X1I	12-16	M6	11	12	13°	6	8.9	6.75	9	10	13	5	11	30	40	20
TSNDM8X1.25I	20	M8	14	16	14°	8	10.4	9	12	12.5	16	5	13	36	48	24
TSNDM10X1.25I	25	M10X1.25	17	20	13°	10	12.9	10.5	14	15	19	6.5	15	43	57	28

3 DADO PER STELO
PISTON ROD NUT

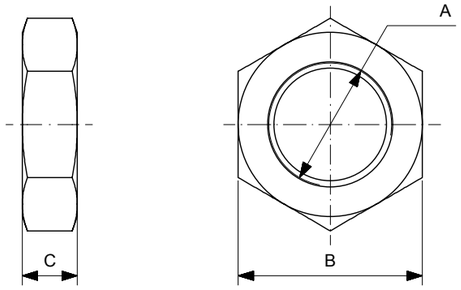
Acciaio Inox AISI 304 • *Stainless Steel AISI 304*



CODICE/CODE	Ø	A	B	C
ANA0810I	08-10	M4	7	3.2
ANA1216I	12-16	M6	10	4
ANA20I	20	M8X1.25	13	5
ANA25I	25	M10X1.25	17	6

4 DADO TESTATA
COVER NUT

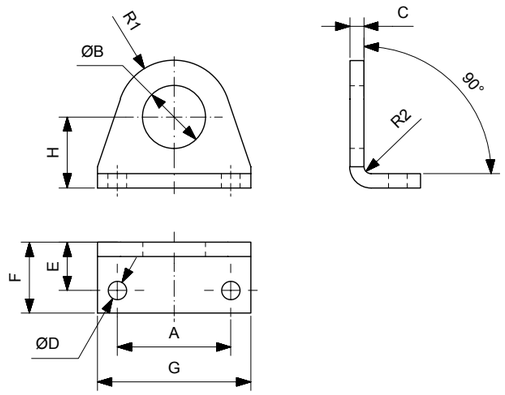
Acciaio Inox AISI 304 • *Stainless Steel AISI 304*



CODICE/CODE	Ø	A	B	C
ANA40BI	08-10	M12X1.25	19	7
ANT1216I	12-16	M16X1.5	22	5
ANT2025I	20-25	M22X1.5	27	8

5 PIEDINO (MS3)
FOOT (MS3)

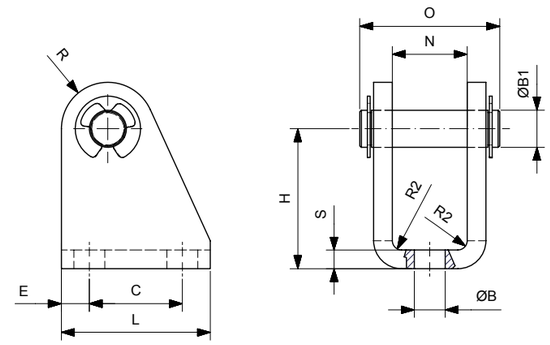
Acciaio Inox AISI 304 • *Stainless Steel AISI 304*



CODICE/CODE	Ø	A	ØB	C	ØD	E	F	G	H	R1	R2
APM0810I	08-10	25	12	3	4.5	11	16	35	16	10	1.5
APM1216I	12-16	32	16.1	4	5.5	14	20	42	20	13	2
APM2025I	20-25	40	22.1	5	6.6	17	25	54	25	20	2.5

6 CERNIERA (MP3)
HINGE (MP3)

Acciaio Inox AISI 304 • *Stainless Steel AISI 304*

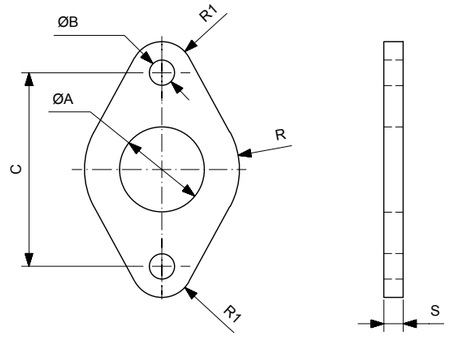


CODICE/CODE	Ø	L	H	ØB1	S	E	C	N	ØB	O	R	R2
COM0810I	08-10	22	24	4	2.5	4.75	12.5	8.1	4.5	18	5	1.5
COM1216I	12-16	25	27	6	3	5	15	12.1	5.5	24	7	1.5
COM2025I	20-25	32	30	8	4	6	20	16.1	6.6	31	10	2

7

FLANGIA (MF8)
FLANGE (MF8)

Acciaio Inox AISI 304 • *Stainless Steel AISI 304*



CODICE/CODE	Ø	ØA	ØB	C	R	R1	S
AFM0810I	08-10	12	4.5	30	11	5	3
AFM1216I	12-16	16	5.5	40	15	6	4
AFM2025I	20-25	22	6.6	50	20	8	5

Come ordinare *How to order*

Codice *Code*	**Condizioni di fornitura** *Supply condition*	**Confezionamento** *Packaging*
	00 = FORNITURA STANDARD *STANDARD SUPPLY*	**S** = CONFEZIONE SINGOLA / *SINGLE PACKAGING* **M** = CONFEZIONE UNIFICATA PER COMPONENTE / *UNIFIED BY COMPONENTS PACKAGING*

Esempio *Example* (AFM1216I 00 S)

AFM1216I	**00**	**S**