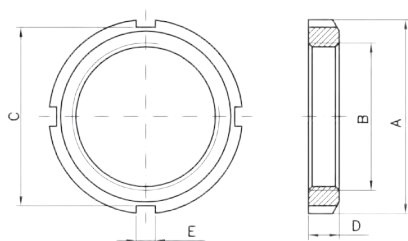


MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

DADO / NUT

CODICE/CODE	A	B	C
ANA08/10	M4	7	3.2
ANA12/16	M6	10	4
ANA20	M8X1.25	13	5
ANA25	M10X1.25	17	6
ANA32	M10x1.5	17	6
ANA40B	M12X1.25	19	7
ANA40	M12x1.75	19	7
ANT12/16	M16X1.5	22	5
ANA50B	M16X1.5	24	8
ANA50/63	M16X2	24	8
ANT25E	M18X1.5	24	5
ANA80100	M20x1.5	30	9
ANT20/25	M22X1.5	27	8
ANA125X	M27x2	41	12
ANA160200X	M36x2	55	14
ANA250X	M42x2	65	16
ANA320X	M48x2	75	18

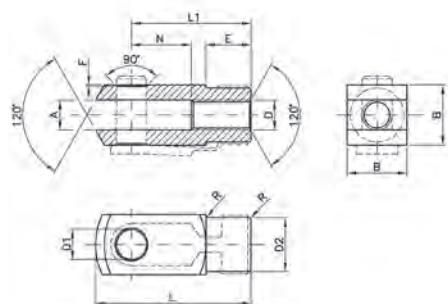


MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

GHIERA / SLOTTED NUT

CODICE/CODE	A	B	C	D	E
AN32	45	M30x1.5	40	7	5
AN40	50	M38x1.5	46	8	5
AN50/63	58	M45x1.5	52	9	6

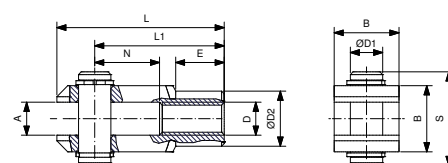
ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

FORCELLA CON CLIP / CLEVIS WITH LOCKABLE PIN

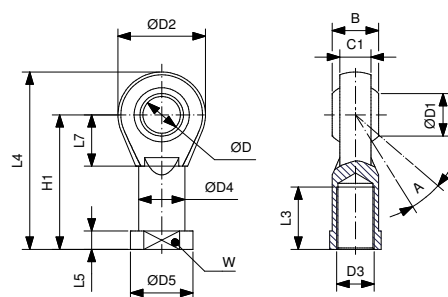
CODICE/CODE	D	A	F	L1	N	E	B	D1	R	D2	L
FORM4ISO	M4	4	0,5	16	8	6	8	4	0,5	8	21
FORM6ISO	M6	6	0,5	24	12	9	12	6	0,5	10	31
FORM8ISO	M8	8	0,5	32	16	12	16	8	0,5	14	42
FORM10ISO	M10x1.25	10	0,5	40	20	15	20	10	0,5	18	52
FORM10DIN	M10x1.5	10	0,5	40	20	15	20	10	0,5	18	52
FORM12ISO	M12x1.25	12	0,5	48	24	18	24	12	0,5	20	62
FORM12DIN	M12x1.75	12	0,5	48	24	18	24	12	0,5	20	62
FORM16ISO	M16x1.5	16	1	64	32	24	32	16	1	26	83
FORM16DIN	M16x2	16	1	64	32	24	32	16	1	26	83
FORM20ISO	M20x1.5	20	1	80	40	30	40	20	1	34	105



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

FORCELLA CON PERNO / CLEVIS WITH PIVOT

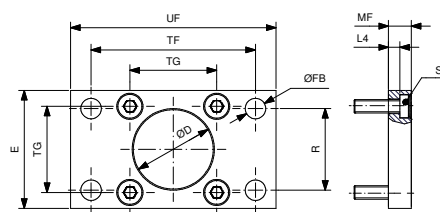
CODICE/CODE	D	A	B	D1	S	N	L1	L	E	D2
FORM27ISO	M27x2	30	55	30	65	54	110	148	38	48
FORM36DIN	M36x2	35	70	35	84	72	144	188	40	60
FORM42DIN	M42x2	40	85	40	104.3	84	168	232	63.5	70
FORM48DIN	M48x2	50	96	50	117.3	96	192	265	73	82



MATERIALI: CORPO IN ACCIAIO ZINCATO
BOCCOLA IN BRONZO SINTERIZZATO
MATERIALS: ZINC COATED STEEL BODY
SINTERED BRONZE BUSH

TESTA A SNODO / ROD END

CODICE/CODE	D3	W	L3	A	D	D1	C1	B	D4	D5	L5	L7	H1	L4	D2
TSNDM4x0.7	M4	9	10	13°	5	7.7	6	8	9	11	4	10	27	36	18
TSNDM6x1	M6	11	12	13°	6	8.9	6.75	9	10	13	5	11	30	40	20
TSNDM8x1.25	M8	14	16	14°	8	10.4	9	12	12.5	16	5	13	36	48	24
TSNDM10x1.25	M10	17	20	13°	10	12.9	10.5	14	15	19	6.5	15	43	57	28
TSNDM10x1.5	M10x1.5	17	20	13°	10	12.9	10.5	14	15	19	6.5	15	43	57	28
TSNDM12x1.25	M12x1.25	19	22	13°	12	15.4	12	16	17.5	22	6.5	17	50	66	32
TSNDM12x1.75	M12x1.75	19	22	13°	12	15.4	12	16	17.5	22	6.5	17	50	66	32
TSNDM16x1.5	M16x1.5	22	28	15°	16	19.3	15	21	22	27	8	23	64	85	42
TSNDM16x2	M16x2	22	28	15°	16	19.3	15	21	22	27	8	23	64	85	42
TSNDM20x1.5	M20x1.5	30	33	14°	20	24.3	18	25	27.5	34	10	27	77	102	50
TSNDM27x2	M27x2	41	51	17°	30	34.8	25	37	40	50	15	36	110	145	70
TSNDM36x2	M36x2	50	56	19°	35	37.7	28	43	46	58	17	41	125	165	80

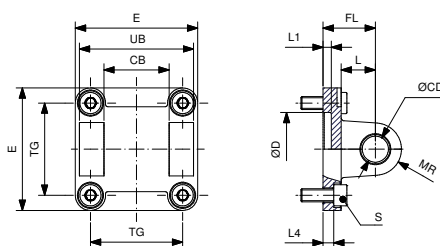


MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

FLANGIA / FLANGE (MF1-MF2)

CODICE/CODE	Ø mm	TG	ØD	ØFB	R	TF	L4	S	UF	E	MF
AFP32X	32	32.5	30	7	32	64	5	M6x20	80	45	10
AFP40X	40	38	35	9	36	72	5	M6x20	90	52	10
AFP50X	50	46.5	40	9	45	90	6.5	M8x20	110	65	12
AFP63X	63	56.5	45	9	50	100	6.5	M8x20	120	75	12
AFP80X	80	72	45	12	63	126	9	M10x25	150	95	16
AFP100X	100	89	55	14	75	150	9	M10x25	170	115	16
AFP125X	125	110	60	16	90	180	10.5	M12x25	205	140	20
AFP160X	160	140	65	18	115	230	9.5	M16x30	260	180	20
AFP200X	200	175	75	22	135	270	12.5	M16x30	300	220	25

Nota: fornito completo di 4 viti DIN 7984 - Note: supplied with 4 screws DIN 7984

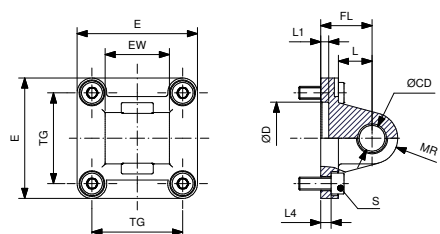


MATERIALI:
CORPO IN ALLUMINIO PRESSOFUSO
BUSSOLE IN ACCIAIO E PTFE
MATERIALS:
DIE CASTED ALUMINIUM BODY
STEEL AND PTFE BUSHES

CERNIERA FEMMINA / FEMALE HINGE (MP2)

CODICE/CODE	Ø mm	TG	CB	UB	ØCD	FL	L	ØD	L1	L4	S	MR	E
CERF32X	32	32.5	26	45	10	22	13	30	5	5.5	M6x20	10	45
CERF40X	40	38	28	52	12	25	16	35	5	5.5	M6x20	12	52
CERF50X	50	46.5	32	60	12	27	16	40	5	6.5	M8x20	12	65
CERF63X	63	56.5	40	70	16	32	21	45	5	6.5	M8x20	16	75
CERF80X	80	72	50	90	16	36	22	45	5	10	M10x25	16	95
CERF100X	100	89	60	110	20	41	27	55	5	10	M10x25	20	115
CERF125X	125	110	70	130	25	50	30	60	7	10	M12x25	25	140
CERF160X	160	140	90	170	30	55	35	65	7	10	M16x30	25	160
CERF200X	200	175	90	170	30	60	35	75	7	11	M16x30	25	220

Nota: fornito completo di 4 viti DIN 912 - Note: supplied with 4 screws DIN 912



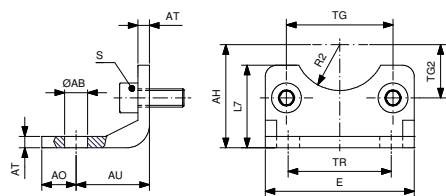
MATERIALI:
CORPO IN ALLUMINIO PRESSOFUSO
BUSSOLE IN ACCIAIO E PTFE
MATERIALS:
DIE CASTED ALUMINIUM BODY
STEEL AND PTFE BUSHES

CERNIERA MASCHIO / MALE HINGE (MP4)

CODICE/CODE	Ø mm	TG	EW	ØCD	FL	L	ØD	L1	L4	S	MR	E
CERM32X	32	32.5	26	10	22	13	30	5	5.5	M6x20	10	45
CERM40X	40	38	28	12	25	16	35	5	5.5	M6x20	12	52
CERM50X	50	46.5	32	12	27	16	40	5	6.5	M8x20	12	65
CERM63X	63	56.5	40	16	32	21	45	5	6.5	M8x20	16	75
CERM80X	80	72	50	16	36	22	45	5	10	M10x25	16	95
CERM100X	100	89	60	20	41	27	55	5	10	M10x25	20	115
CERM125X	125	110	70	25	50	30	60	7	10	M12x25	25	140
CERM160X	160	140	90	30	55	35	65	7	10	M16x30	25	180
CERM200X	200	175	90	30	60	35	75	7	11	M16x30	25	220

Nota: fornito completo di 4 viti DIN 912 - Note: supplied with 4 screws DIN 912

ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES

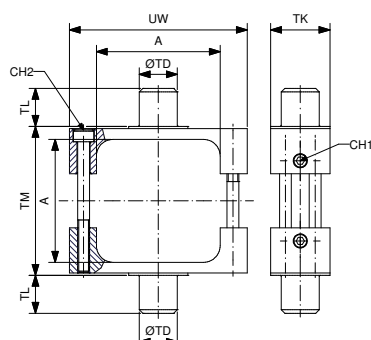


MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

PIEDINO BASSO/LOW-RISE PEDESTAL (MS1)

CODICE/ CODE	Ø mm	TG	TG2	AH	R2	ØAB	AO	AU	TR	AT	S	L7	E
AF32X	32	32.5	16.25	32	15	7	11	24	32	4	M6x16	30	45
AF40X	40	38	19	36	17.5	10	8	28	36	4	M6x16	30	52
AF50X	50	46.5	23.25	45	20	10	15	32	45	5	M8x20	36	65
AF63X	63	56.5	28.25	50	22.5	10	13	32	50	5	M8x20	35	75
AF80X	80	72	36	63	22.5	12	14	41	63	6	M10x20	47	95
AF100X	100	89	44.5	71	27.5	14.5	16	41	75	6	M10x20	53	115
AF125X	125	110	55	90	30	16.5	25	45	90	8	M12x25	70	140
AF160X	160	140	70	115	32.5	18.5	15	60	115	10	M16x30	100	180
AF200X	200	175	87.5	135	37.5	24	30	70	135	12	M16x30	109	220

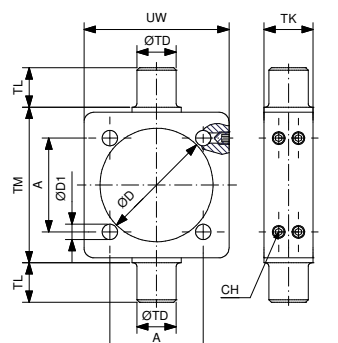
Nota: fornito completo di 2 viti DIN 912 - Note: supplied with 2 screws DIN 912



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

CERNIERA INTERMEDIA PER CILINDRI PROFILATI INTERMEDIATE HINGE FOR PROFILE CYLINDER (MT4)

CODICE/CODE	Ø mm	A	TM	TL	TK	ØTD	UW	CH1	CH2
CERI32X	32	45	50	11.5	25	12	65	3	3
CERI40X	40	51.8	63	16	25	16	75	3	4
CERI50X	50	60.7	75	16	30	16	95	3	5
CERI63X	63	72.2	90	20	30	20	105	3	5
CERI80X	80	91.2	110	20	30	20	130	3	5
CERI100X	100	108.2	132	24.5	40	25	145	4	6
CERI125X	125	135.3	160	24.5	40	25	176	4	6



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

CERNIERA INTERMEDIA PER CILINDRI TIRANTATI INTERMEDIATE HINGE FOR TIE RODS CYLINDERS (MT4)

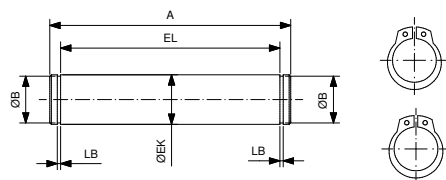
CODICE/CODE	Ø mm	A	TM	TL	TK	ØTD	ØD	ØD1	UW	CH
CERI32XR	32	32.5	50	12	15	12	37	6.25	46	2.5
CERI40XR	40	38	63	16	20	16	46	6.25	59	2.5
CERI50XR	50	46.5	75	16	20	16	56	8.25	69	3
CERI63XR	63	56.5	90	20	25	20	69	8.25	84	3
CERI80XR	80	72	110	20	25	20	87	10.25	102	4
CERI100XR	100	89	132	25	30	25	107	10.25	125	4
CERI125XR	125	110	160	25	32	25	133	12.25	155	5

CODICE/CODE	Ø mm	A	TM	TL	TK	ØTD	ØD	ØD1	UW	DADO/NUT (*)
CERI160XR	160	140	200	32	40	32	170	16.25	190	M16x2
CERI200XR	200	175	250	32	40	32	211	16.25	240	M16x2

Nota: l'utilizzo della cerniera è consentito solo in abbinamento a cilindri con tiranti interamente filettati. L'accessorio viene fornito provvisto di appositi dadi per il posizionamento e fissaggio (*)

Note: it is possible to use the intermediate hinge only with cylinders equipped with threaded tie rods. The accessory is supplied with the nuts for the positioning and fixing (*)

PERNO PER CERNIERA FEMMINA / PIVOT FOR FEMALE HINGE (AA4)

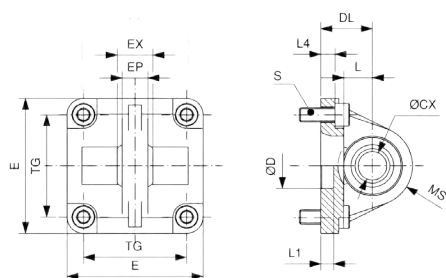


MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

CODICE/CODE	Ø mm	ØEK	EL	ØB	LB	A
PERC32X	32	10	46	9.6	1.1	53
PERC40X	40	12	53	11.5	1.1	60
PERC50X	50	12	61	11.5	1.1	68
PERC63X	63	16	71	15.2	1.1	78
PERC80X	80	16	91	15.2	1.1	98
PERC100X	100	20	111	19	1.3	118
PERC125X	125	25	132	23.9	1.3	139
PERC160200X	160-200	30	172	28.6	1.6	180

Nota: fornito completo di seeger - Note: supplied with retainig rings

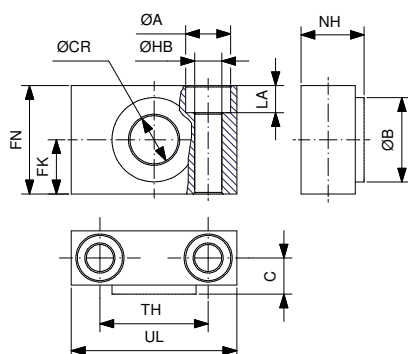
CERNIERA MASCHIO SNODATA / MALE HINGE WITH SPHERICAL BEARING (MP6)



MATERIALI:
CORPO IN ALLUMINIO PRESSOFUSO
SNODO SFERICO IN ACCIAIO E BRONZO
MATERIALS:
DIE CASTED ALUMINIUM BODY
STEEL AND BRONZE SPHERICAL BEARING

CODICE/ CODE	Ø mm	TG	ØCX	DL	L	EX	EP	S	L4	D	L1	E	MS
CERMT32X	32	32.5	10	22	12	14	10.5	M6x20	5.5	30	7	45	16
CERMT40X	40	38	12	25	15	16	12	M6x20	5.5	35	7	52	18
CERMT50X	50	46.5	16	27	15	21	15	M8x20	6.5	40	7	65	21
CERMT63X	63	56.5	16	32	20	21	15	M8x20	6.5	45	7	75	23
CERMT80X	80	72	20	36	20	25	18	M10x25	10	45	9	95	28
CERMT100X	100	89	20	41	25	25	18	M10x25	10	55	9	115	30
CERMT125X	125	110	30	50	30	37	25	M12x25	10	60	9	140	40
CERMT160X	160	140	35	55	35	43	30	M16x30	10	65	7	195	44
CERMT200X	200	175	35	60	35	43	30	M16x30	11	75	7	238	47

Nota: fornito completo di 4 viti DIN 912 - Note: supplied with 4 screws DIN 912



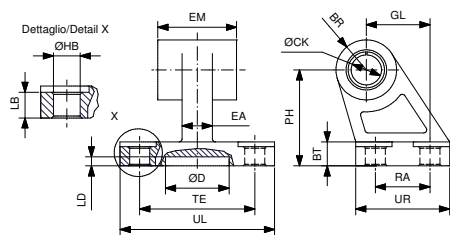
MATERIALI:
CORPO IN ALLUMINIO ANODIZZATO
BUSSOLE IN BRONZO
MATERIALS:
ANODIZED ALUMINIUM BODY
BRONZE BUSHES

SUPPORTO PER CERNIERA INTERMEDIA
SUPPORT FOR INTERMEDIATE HINGE (AT4)

CODICE/CODE	Ø mm	ØCR	FN	FK	ØHB	ØA	LA	TH	C	UL	NH	ØB
SUP32X	32	12	30	15	6.6	11	7	32	10.5	46	18	22
SUP4050X	40-50	16	36	18	9	15	9	36	12	55	21	28
SUP6380X	63-80	20	40	20	11	18	11	42	13	65	23	32
SUP100125X	100-125	25	50	25	14	20	13	50	16	75	28.5	39
SUP160200X	160-200	32	60	30	18	26	17	60	22.5	92	40	45

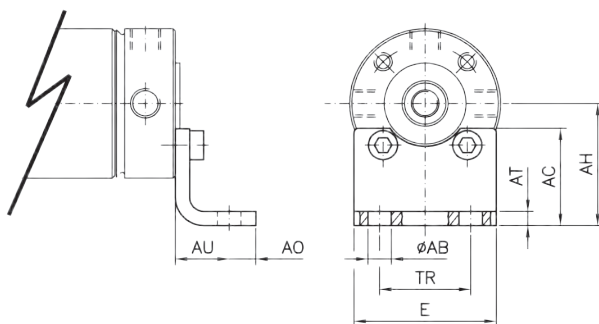
ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES

ARTICOLAZIONE A SQUADRA / SQUARE JOINT (AB7)



MATERIALI:
CORPO IN ALLUMINIO PRESSOFUSO
BUSSOLE IN ACCIAIO E PTFE
MATERIALS:
DIE CASTED ALUMINIUM BODY
STEEL AND PTFE BUSHES

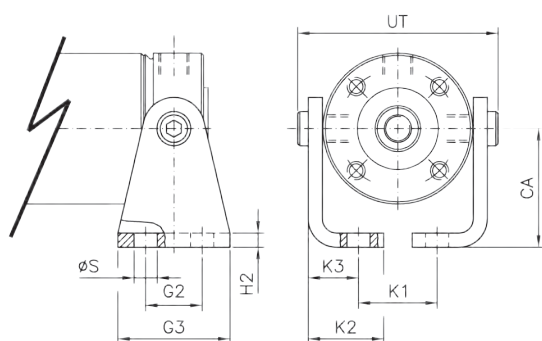
CODICE/ CODE	Ø mm	CK	EM	BR	PH	GL	ØHB	LB	BT	TE	RA	ØD	LD	UL	UR	EA
ART32X	32	10	26	10	32	21	6.6	6.4	8	38	18	21	3	51	31	10
ART40X	40	12	28	11	36	24	6.6	8.4	10	41	22	21	3	54	35	15
ART50X	50	12	32	13	45	33	9	10.4	12	50	30	21	3	65	45	16
ART63X	63	16	40	15	50	37	9	12.4	14	52	35	21	3	67	50	16
ART80X	80	16	50	15	63	47	11	11.5	14	66	40	21	3	86	60	20
ART100X	100	20	60	19	71	55	11	14.5	17	76	50	11	3	96	70	20
ART125X	125	25	70	22.5	90	70	14	16.8	20	94	60	21	3	124	90	30
ART160X	160	30	90	31.5	115	97	14	21	25	118	88	31	5	156	126	36
ART200X	200	30	90	31.5	135	105	18	26	30	122	90	31	5	162	130	40



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

PIEDINO FLANGIA / FOOT FLANGE

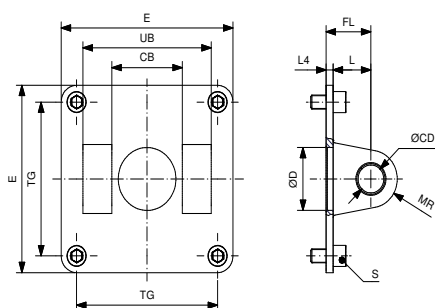
CODICE/CODE	Ø mm	AU	AO	ØAB	TR	E	AT	AC	AH
AF32E	32	16	7.5	7	18	32	4	22	25
AF40E	40	16	7	7	27	40	4	23	28
AF50E	50	17	10	9	36	51	5	33	40
AF63E	63	19	10	9	45	61	5	38	47



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

CERNIERA / HINGE

CODICE/ CODE	Ø mm	ØS	G2	G3	H2	K1	K2	K3	CA	UT
ACB32E	32	7	20	35	4	15.5	20	13	25	47
ACB40E	40	7	28	42	4	23.5	20	13	28	57
ACB50E	50	9	30	54	5	32.3	24	15	40	71
ACB63E	63	9	40	64	5	40.5	26.5	17.5	47	84

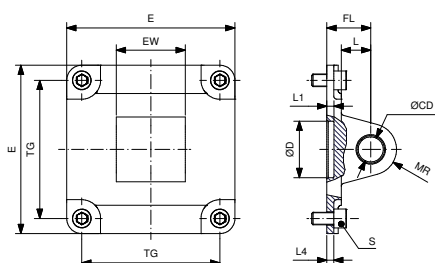


MATERIALI: CORPO IN ACCIAIO VERNI-
CIATO e BUSSOLE IN ACCIAIO E PTFE
MATERIALS: PAINTED STEEL BODY and
STEEL AND PTFE BUSHES

CERNIERA FEMMINA / FEMALE HINGE (MP2)

CODICE/CODE	Ø mm	TG	CB	UB	ØCD	FL	L	ØD	L4	S	MR	E
CERF250X	250	220	110	200	40	70	59	90	11	M20x35	41	268
CERF320X	320	270	120	220	45	80	65	110	15	M24x40	45	340

Nota: fornito completo di 4 viti DIN 912 - Note: supplied with 4 screws DIN 912

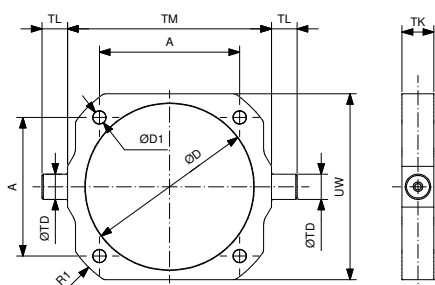


MATERIALI: CORPO IN ACCIAIO VERNI-
CIATO e BUSSOLE IN ACCIAIO E PTFE
MATERIALS: PAINTED STEEL BODY and
STEEL AND PTFE BUSHES

CERNIERA MASCHIO / MALE HINGE (MP4)

CODICE/CODE	Ø mm	TG	EW	ØCD	FL	L	ØD	L1	L4	S	MR	E
CERM250X	250	220	110	40	70	47	90	11.5	11	M20x35	41	268
CERM320X	320	270	120	45	80	52	110	11.5	15	M24x40	45	340

Nota: fornito completo di 4 viti DIN 912 - Note: supplied with 4 screws DIN 912



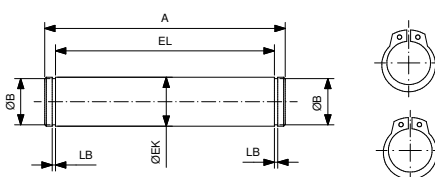
MATERIALE: ACCIAIO VERNICIATO
MATERIAL: PAINTED STEEL

CERNIERA INTERMEDIA / INTERMEDIATE HINGE (MT4)

CODICE/CODE	Ø mm	A	TM	TL	TK	TD	D	D1	UW	R1	DADO/NUT
CERI250XR	250	220	320	40	50	40	264	20.25	295	180	M20x2,5
CERI320XR	320	270	400	50	70	50	338	24.25	370	220	M24x3

Nota: l'utilizzo della cerniera è consentito solo in abbinamento a cilindri con tiranti intera-
mente filettati. L'accessorio viene fornito provvisto di appositi dadi per il posizionamento e il
fissaggio.

Note: It is possible to use the intermediate hinge only with cylinders equipped with threaded
tie rods. The accessory is supplied with the nuts for the positioning and fixing.



MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

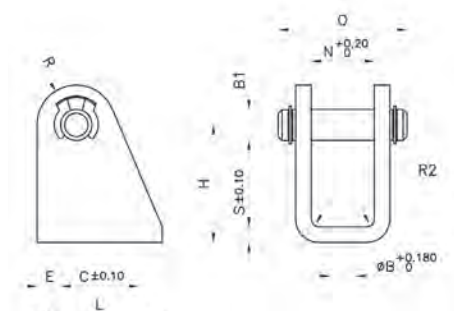
PERNO PER CERNIERA FEMMINA / PIVOT FOR FEMALE HINGE (AA4)

CODICE/CODE	Ø mm	ØEK	EL	ØB	LB	A
PERC250X	250	40	202	37.5	1.85	214
PERC320X	320	45	222	42.5	1.85	234

Nota: fornito completo di seeger - Note: supplied with retaining rings

ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES

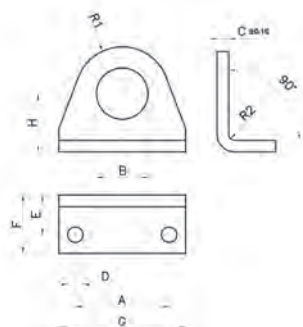
CERNIERA / HINGE (MP3)



CODICE/CODE	Ømm	L	H	B1	S	E	C	N	B	O	R	R2
AFO08/10	8-10	22	24	4	2.5	3.75	12.5	8.1	4.5	18	5	1.5
AFO12/16	12-16	25	27	6	3	5	15	12.1	5.5	24	7	1.5
AFO20/25	20-25	32	30	8	4	6	20	16.1	6.6	31	10	2

MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

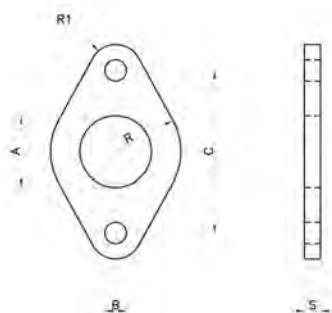
PIEDINO / FOOT (MS3)



CODICE/CODE	Ø mm	A	B	C	D	E	F	G	H	R1	R2
AP08/10	8-10	25	12	3	4.5	11	16	35	16	10	1.5
AP12/16	12-16	32	16.1	4	5.5	14	20	42	20	13	2
AP20/25	20-25	40	22.1	5	6.6	17	25	54	25	20	2.5

MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

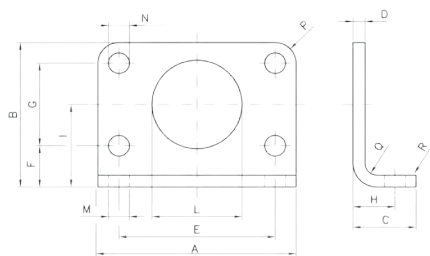
FLANGIA / FLANGE (MF8)



CODICE/CODE	Ø mm	A	B	C	R	R1	S
AF08/10	8-10	12	4.5	30	11	5	3
AF12/16	12-16	16	5.5	40	15	6	4
AF20/25	20-25	22	6.5	50	20	8	5

MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

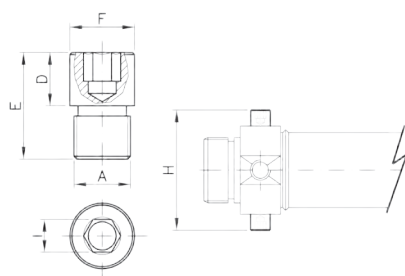
PIEDINO FLANGIA / FOOT FLANGE



CODICE/CODE	Ø mm	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R
AF32	32	66	49	21	4	52	14	28	14	28	30	7	7	7	4	2
AF40	40	80	58	30	5	60	18	30	20	33	38	9	9	10	5	2
AF50	50	90	70	30	6	70	20	40	20	40	45	9	9	10	6	2
AF63	63	96	80	30	6	76	20	50	20	45	45	9	9	10	6	2

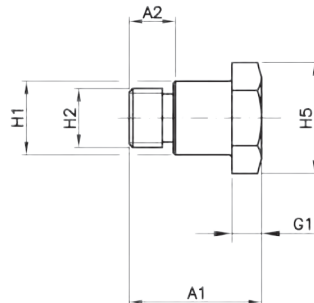
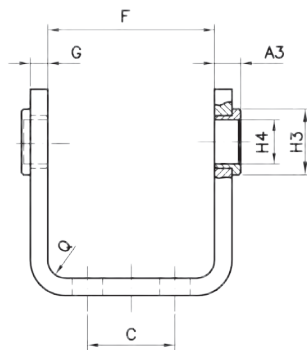
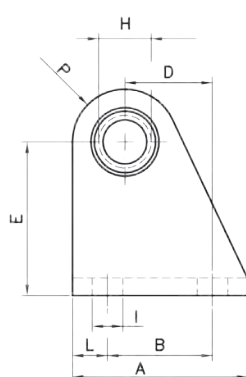
MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

COPPIA DI PERNI / PAIR PIVOTS



CODICE/CODE	Ø mm	A	D	E	F	I	H
AP32	32	M8x1	8	14	10	5	51
AP40	40	M10x1	9.5	16.5	12	6	61
AP50	50	M12x1.5	11	20	14	6	75
AP63	63	M14x1.5	13	28	16	8	92

MATERIALE: ACCIAIO ZINCATO
MATERIAL: ZINC COATED STEEL

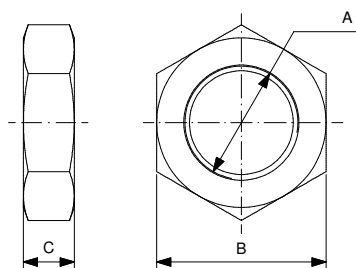


MATERIALI:
PERNI E CORPO
IN ACCIAIO ZINCATO
BOCCOLE IN OTTONE
MATERIALS:
ZINC COATED STEEL PIVOTS
AND BODY BRASS BUSHES

CERNIERA / HINGE

CODICE/CODE	Ø mm	A	A1	A2	A3	B	C	D	E	F	G	G1	H	H1	H2	H3	H4	H5	I	L	P	Q
ACB32	32	40	18	6	6	24	20	20	35	38.1	4	4	12	10	M8x1	15	10	13	7	8	12	4
ACB40	40	50	21.6	7	7	30	28	27	40	46.1	5	5	15	12	M10x1	20	12	17	9	10	13	5
ACB50	50	54	26.4	9	8.5	34	36	30	45	57.1	6	6	18	14	M12x1.5	23	14	19	9	10	14	6
ACB63	63	65	31.5	13	8.5	35	42	34	50	70.1	6	6	20	16	M14x1.5	23	16	19	9	15	16	6

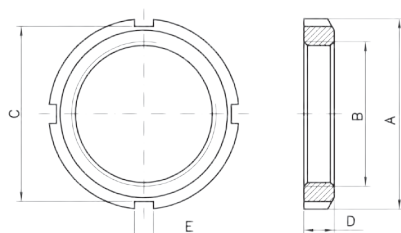
ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES



DADO PER ASTE / PISTON ROD NUT

MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

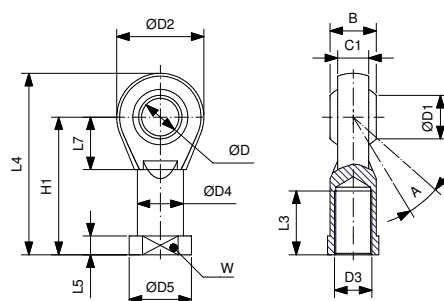
CODICE/CODE	Ø mm	A	B	C
ANA12/16I	16	M6	10	4
ANA20I	20	M8X1.25	13	5
ANA25I	32	M10x1.25	17	6
ANA32I	32	M10x1.5	17	6
ANA40BI	40	M12x1.25	19	7
ANA40I	40	M12x1.75	19	7
ANT12/16I	16	M16X1.5	22	5
ANA50BI	50-63	M16X1.5	24	8
ANA50/63I	50-63	M16X2	24	8
ANA80100I	80-100	M20x1.5	30	9
ANT20/25I	20-25	M22X1.5	27	8
ANA125XI	125	M27x2	41	12
ANA160200XI	160-200	M36X2	55	14



GHIERA / SLOTTED NUT

MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

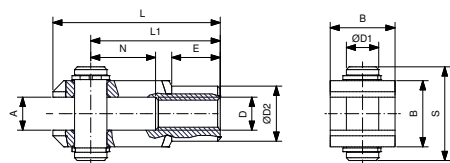
CODICE/CODE	Ø mm	A	B	C	D	E
AN32I	32	45	M30x1.5	40	7	5
AN40I	40	50	M38x1.5	46	8	5
AN50/63I	50-63	58	M45x1.5	52	9	6



TESTA A SNODO AUTOLUBRIFICANTE SELF-LUBRICATING ROD ENDS

MATERIALI: CORPO IN ACCIAIO AISI304
BOCCOLA IN BRONZO SINTERIZZATO
MATERIALS: AISI304 STEEL BODY
SINTERED BRONZE BUSH

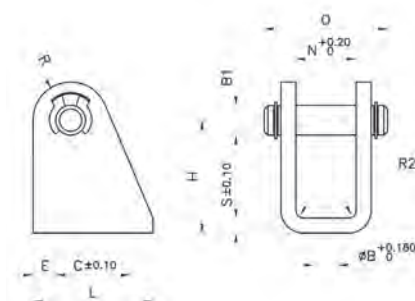
CODICE/CODE	D3	W	L3	A	ØD	ØD1	C1	B	ØD4	ØD5	L5	L7	H1	L4	ØD2
TSNDM10x1.25I	M10x1.25	17	20	13°	10	12.9	10.5	14	15	19	6.5	15	43	57	28
TSNDM12x1.25I	M12x1.25	19	22	13°	12	15.4	12	16	17.5	22	6.5	17	50	66	32
TSNDM16x1.5I	M16x1.5	22	28	15°	16	19.3	15	21	22	27	8	23	64	85	42
TSNDM20x1.5I	M20x1.5	30	33	14°	20	24.3	18	25	27.5	34	10	27	77	102	50
TSNDM27x2I	M27x2	41	51	17°	30	34.8	25	37	40	50	15	36	110	145	70



FORCELLA CON PERNO / CLEVIS WITH PIVOT

MATERIALI: ACCIAIO AISI303
MATERIALS: AISI303 STEEL

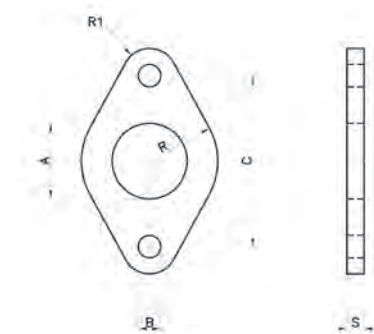
CODICE/CODE	D	A	B	D1	S	N	L1	L	E	D2
FORM6ISOI	M6	6	12	6	17	12	24	31	9	10
FORM8ISOI	M8	8	16	8	21	16	32	42	12	14
FORM10ISOI	M10x1.25	10	20	10	25	20	40	52	15	18
FORM10DINI	M10x1.5	10	20	10	25	20	40	52	15	18
FORM12ISOI	M12x1.25	12	24	12	30	24	48	62	18	20
FORM12DINI	M12x1.75	12	24	12	30	24	48	62	18	20
FORM16ISOI	M16x1.5	16	32	16	39	32	64	83	24	26
FORM16DINI	M16x2	16	32	16	39	32	64	83	24	26
FORM20ISOI	M20x1.5	20	40	20	48	40	80	105	30	34
FORM27ISOI	M27x2	30	55	30	65	54	110	148	38	48
FORM36DINI	M36x2	35	70	35	84	72	144	188	40	60



CERNIERA / HINGE

MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

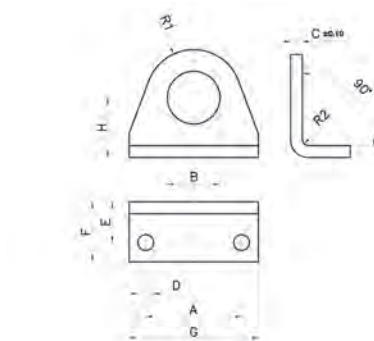
CODICE/CODE	Ø mm	L	H	B1	S	E	C	N	B	O	R	R2
AFO12/16I	16	25	27	6	3	5	15	12.1	5.5	24	7	1.5
AFO20/25I	20-25	32	30	8	4	6	20	16.1	6.6	31	10	2



FLANGIA / FLANGE

MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CODICE/CODE	Ø mm	A	B	C	R	R1	S
AF12/16I	16	16	5.5	40	15	6	4
AF20/25I	20-25	22	6.6	50	20	8	5



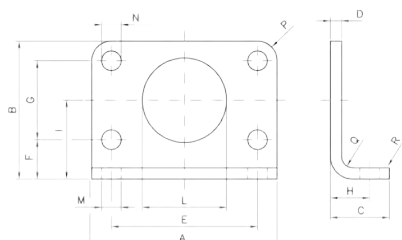
PIEDINO / FOOT

MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CODICE/CODE	Ø mm	A	B	C	D	E	F	G	H	R1	R2
AP12/16I	16	32	16.1	4	5.5	14	20	42	20	13	1.5
AP20/25I	20-25	40	22.1	5	6.6	17	25	54	25	20	2

ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES

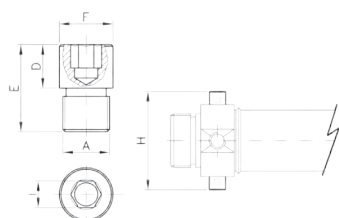
PIEDINO FLANGIA / FOOT FLANGE



CODICE/ CODE	Ø mm	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R
AF32I	32	66	49	21	4	52	14	28	14	28	30	7	7	7	4	2
AF40I	40	80	58	30	5	60	18	30	20	33	38	9	9	10	5	2
AF50I	50	90	70	30	6	70	20	40	20	40	45	9	9	10	6	2
AF63I	63	96	80	30	6	76	20	50	20	45	45	9	9	10	6	2

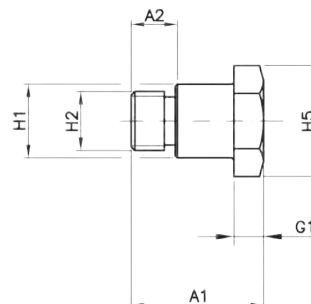
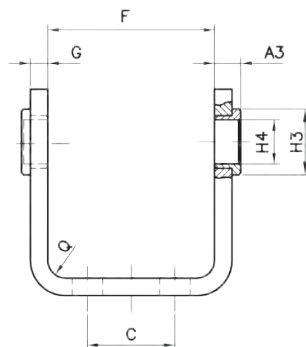
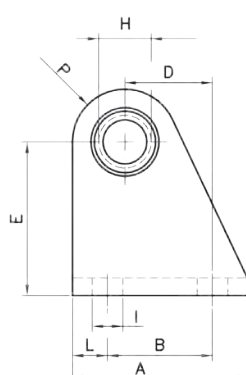
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

COPPIA DI PERNI / PAIR PIVOTS



CODICE/CODE	Ø mm	A	D	E	F	I	H
AP32I	32	M8x1	8	14	10	5	51
AP40I	40	M10x1	9.5	16.5	12	6	61
AP50I	50	M12x1.5	11	20	14	6	75
AP63I	63	M14x1.5	13	28	16	8	92

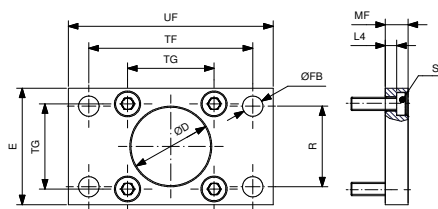
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL



MATERIALI:
PERNI E CORPO IN ACCIAIO AISI304
BUSSOLE IN DELRIN
MATERIALS:
AISI304 STEEL BODY AND PIVOTS
DELIN BUSHES

CERNIERA / HINGE

CODICE/ CODE	Ø mm	A	A1	A2	A3	B	C	D	E	F	G	G1	H	H1	H2	H3	H4	H5	I	L	P	Q
ACB32I	32	40	18	6	6	24	20	20	35	38.1	4	4	12	10	M8x1	15	10	13	7	8	12	4
ACB40I	40	50	21.6	7	7	30	28	27	40	46.1	5	5	15	12	M10x1	20	12	17	9	10	13	5
ACB50I	50	54	26.4	9	8.5	34	36	30	45	57.1	6	6	18	14	M12x1.5	23	14	19	9	10	14	6
ACB63I	63	65	31.5	13	8.5	35	42	34	50	70.1	6	6	20	16	M14x1.5	23	16	19	9	15	16	6

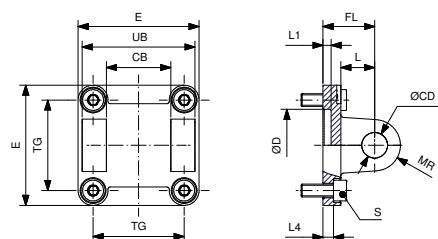


MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

FLANGIA / FLANGE (MF1-MF2)

CODICE/CODE	Ø mm	TG	ØD	ØFB	R	TF	L4	S	UF	E	MF
AFP32XI	32	32.5	30	7	32	64	5	M6x20	80	45	10
AFP40XI	40	38	35	9	36	72	5	M6x20	90	52	10
AFP50XI	50	46.5	40	9	45	90	6.5	M8x20	110	65	12
AFP63XI	63	56.5	45	9	50	100	6.5	M8x20	120	75	12
AFP80XI	80	72	45	12	63	126	9	M10x25	150	95	16
AFP100XI	100	89	55	14	75	150	9	M10x25	170	115	16
AFP125XI	125	110	60	16	90	180	10.5	M12x25	205	140	20
AFP160XI	160	140	65	18	115	230	9.5	M16x30	260	180	20
AFP200XI	200	175	75	22	135	270	12.5	M16x30	300	220	25

Nota: fornito di 4 viti DIN7984 in acciaio AISI304 - Note: supplied with 4 AISI304 screws DIN7984

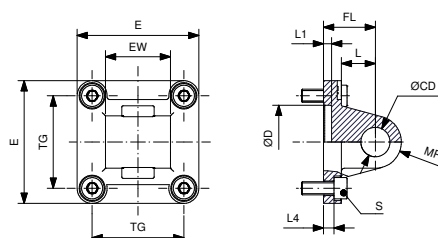


MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CERNIERA FEMMINA / FEMALE HINGE (MP2)

CODICE/CODE	Ø mm	TG	CB	UB	ØCD	FL	L	ØD	L1	L4	S	MR	E
CERF32XI	32	32.5	26	45	10	22	13	30	5	5.5	M6x20	10	45
CERF40XI	40	38	28	52	12	25	16	35	5	5.5	M6x20	12	52
CERF50XI	50	46.5	32	60	12	27	16	40	5	6.5	M8x20	12	65
CERF63XI	63	56.5	40	70	16	32	21	45	5	6.5	M8x20	16	75
CERF80XI	80	72	50	90	16	36	22	45	5	10	M10x25	16	95
CERF100XI	100	89	60	110	20	41	27	55	5	10	M10x25	20	115
CERF125XI	125	110	70	130	25	50	30	60	7	10	M12x25	25	140
CERF160XI	160	140	90	170	30	55	35	65	7	10	M16x30	25	160
CERF200XI	200	175	90	170	30	60	35	75	7	11	M16x30	25	220

Nota: fornito di 4 viti DIN7984 in acciaio AISI304 - Note: supplied with 4 AISI304 screws DIN7984



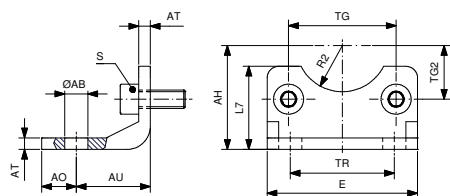
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CERNIERA MASCHIO / MALE HINGE (MP4)

CODICE/CODE	Ø mm	TG	EW	ØCD	FL	L	ØD	L1	L4	S	MR	E
CERM32XI	32	32.5	26	10	22	13	30	5	5.5	M6x20	10	45
CERM40XI	40	38	28	12	25	16	35	5	5.5	M6x20	12	52
CERM50XI	50	46.5	32	12	27	16	40	5	6.5	M8x20	12	65
CERM63XI	63	56.5	40	16	32	21	45	5	6.5	M8x20	16	75
CERM80XI	80	72	50	16	36	22	45	5	10	M10x25	16	95
CERM100XI	100	89	60	20	41	27	55	5	10	M10x25	20	115
CERM125XI	125	110	70	25	50	30	60	7	10	M12x25	25	140
CERM160XI	160	140	90	30	55	35	65	7	10	M16x30	25	180
CERM200XI	200	175	90	30	60	35	75	7	11	M16x30	25	220

Nota: fornito di 4 viti DIN7984 in acciaio AISI304 - Note: supplied with 4 AISI304 screws DIN7984

ACCESSORI DI FISSAGGIO MOUNTING ACCESSORIES

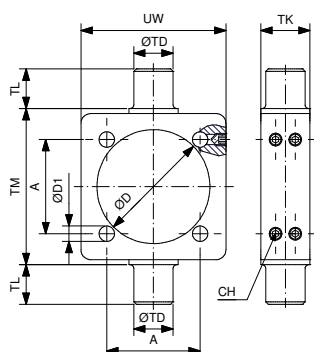


MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

PIEDINO BASSO/LOW-RISE PEDESTAL (MS1)

CODICE/ CODE	Ø mm	TG	TG2	AH	R2	ØAB	AO	AU	TR	AT	S	L7	E
AF32XI	32	32.5	16.25	32	15	7	11	24	32	4	M6x16	30	45
AF40XI	40	38	19	36	17.5	10	8	28	36	4	M6x16	30	52
AF50XI	50	46.5	23.25	45	20	10	15	32	45	5	M8x20	36	65
AF63XI	63	56.5	28.25	50	22.5	10	13	32	50	5	M8x20	35	75
AF80XI	80	72	36	63	22.5	12	14	41	63	6	M10x20	47	95
AF100XI	100	89	44.5	71	27.5	14.5	16	41	75	6	M10x20	53	115
AF125XI	125	110	55	90	30	16.5	25	45	90	8	M12x25	70	140
AF160XI	160	140	70	115	32.5	18.5	15	60	115	10	M16x30	100	180
AF200XI	200	175	87.5	135	37.5	24	30	70	135	12	M16x30	109	220

Nota: fornito di 4 viti DIN7984 in acciaio AISI304 - Note: supplied with 4 AISI304 screws DIN7984



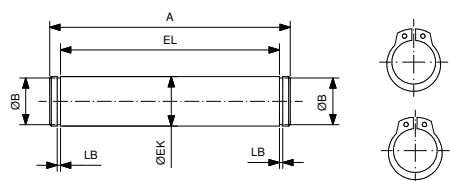
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CERNIERA INTERMEDIA / INTERMEDIATE HINGE (MT4)

CODICE/CODE	Ø mm	A	TM	TL	TK	TD	D	D1	UW	CH
CERI32XRI	32	32.5	50	12	15	12	37	6.25	46	2.5
CERI40XRI	40	38	63	16	20	16	46	6.25	59	2.5
CERI50XRI	50	46.5	75	16	20	16	56	8.25	69	3
CERI63XRI	63	56.5	90	20	25	20	69	8.25	84	3
CERI80XRI	80	72	110	20	25	20	87	10.25	102	4
CERI100XRI	100	89	132	25	30	25	107	10.25	125	4
CERI125XRI	125	110	160	25	32	25	133	12.25	155	5

CODICE/CODE	Ø mm	A	TM	TL	TK	TD	D	D1	UW	DADO/NUT (*)
CERI160XRI	160	140	200	32	40	32	170	16.25	190	M16x2
CERI200XRI	40	175	250	32	40	32	211	16.25	240	M16x2

Nota: L'utilizzo della cerniera è consentito solo in abbinamento a cilindri con tiranti interamente filettati. L'accessorio viene fornito provvisto di appositi dadi per il posizionamento e fissaggio(*)
Note: It is possible to use the intermediate hinge only with cylinders equipped with threaded tie rods. The accessory is supplied with the nuts for the positioning and fixing(*)



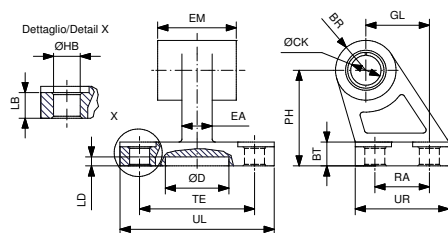
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

PERNO PER CERNIERA FEMMINA / PIVOT FOR FEMALE HINGE (AA4)

CODICE/CODE	Ø mm	ØEK	EL	ØB	LB	A
PERC32XI	32	10	46	9.6	1.1	53
PERC40XI	40	12	53	11.5	1.1	60
PERC50XI	50	12	61	11.5	1.1	68
PERC63XI	63	16	71	15.2	1.1	78
PERC80XI	80	16	91	15.2	1.1	98
PERC100XI	100	20	111	19	1.3	118
PERC125XI	125	25	132	23.9	1.3	139
PERC160200XI	160-200	30	172	28.6	1.6	180

Nota: fornito completo di seeger - Note: supplied with seegers

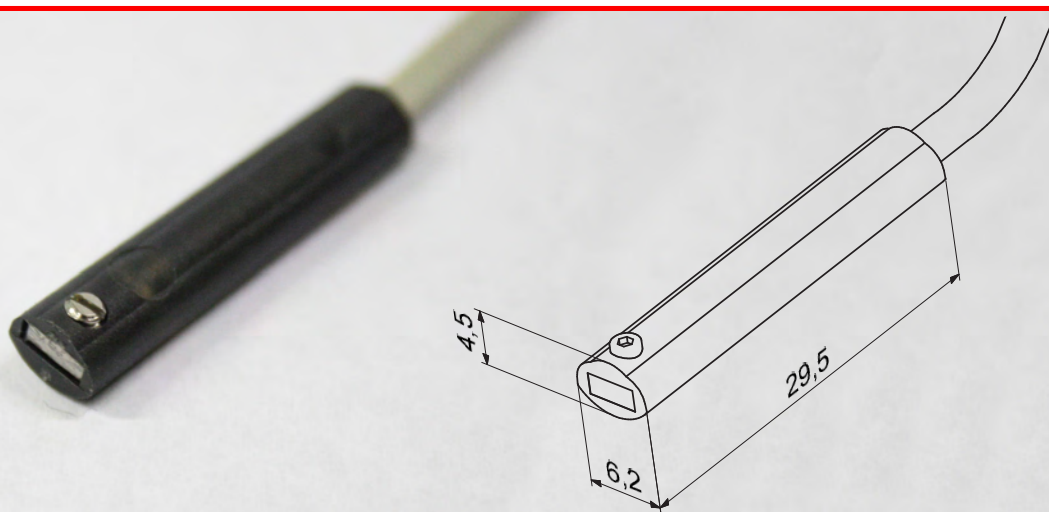
ARTICOLAZIONE A SQUADRA / SQUARE JOINT (AB7)



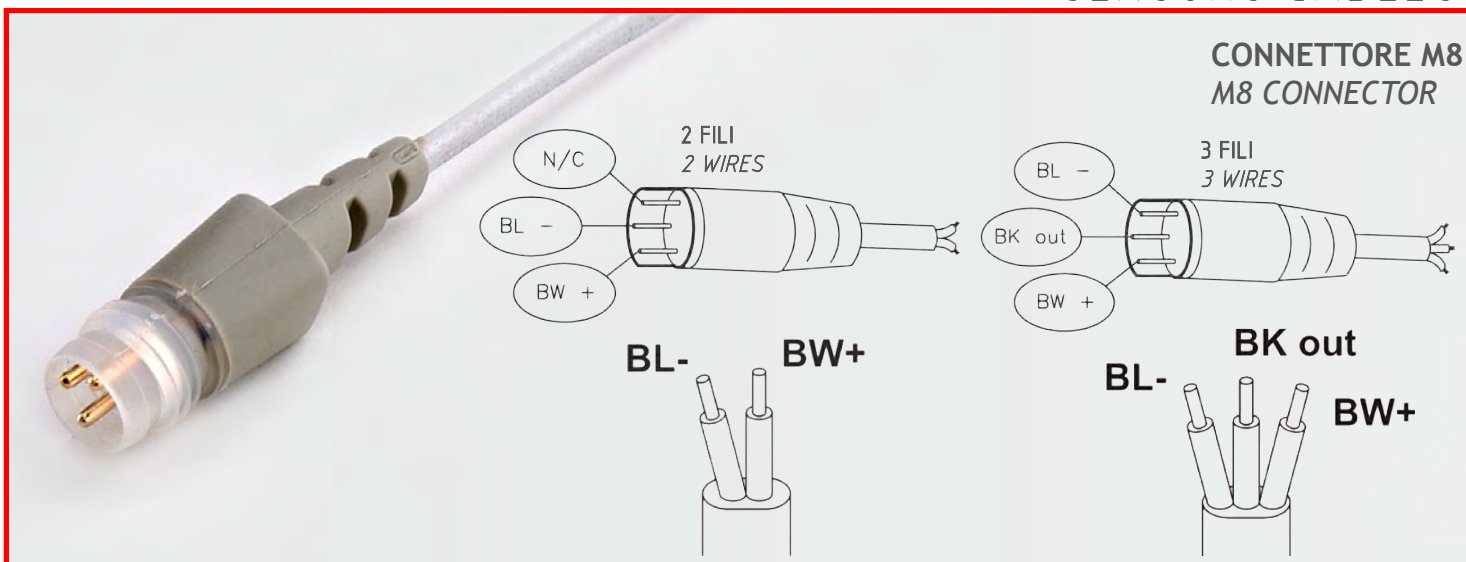
MATERIALI: ACCIAIO AISI304
MATERIALS: AISI304 STEEL

CODICE/ CODE	Ø mm	ØCK	EM	BR	PH	GL	ØHB	LB	BT	TE	RA	ØD	LD	UL	UR	EA
ART32XI	32	10	26	10	32	21	6.6	6.4	8	38	18	21	3	51	31	10
ART40XI	40	12	28	11	36	24	6.6	8.4	10	41	22	21	3	54	35	12
ART50XI	50	12	32	13	45	33	9	10.4	12	50	30	21	3	65	45	16
ART63XI	63	16	40	15	50	37	9	12.4	12	52	35	21	3	67	50	16
ART80XI	80	16	50	15	63	47	11	11.5	14	66	40	21	3	86	60	20
ART100XI	100	20	60	19	71	55	11	14.5	15	76	50	11	3	96	70	20
ART125XI	125	25	70	22.5	90	70	14	16.8	20	94	60	21	3	124	90	30

SENSORI SENSORS

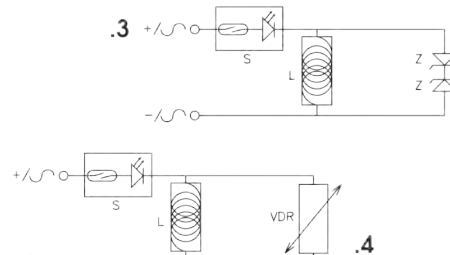
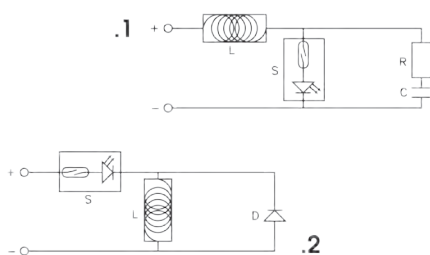


SERIE / SERIES	ZS		
Interruttore con cavo Switch with cable	ZS3201EL	ZS3300EL	ZS4300EL
Interruttore con connettore M8 Switch with connector M8	ZS3210EL	ZS3310EL	ZS4310EL
Tipo Sensore Sensor Type	Contatto reed N.O. Reed switch N.O.	Contatto reed PNP N.O. Reed switch PNP N.O.	Magnetoresistivo PNP N.O. Magnetoresistive PNP N.O.
Tensione di alimentazione Power supply	3÷30 V ac/dc		3÷30 V dc
Corrente di commutazione Switching current	0.2 A		
Potenza (carico ohmico) Power (ohmic load)	6 W		
Caduta di tensione On voltage drop	≤ 3 V	/	≤ 1 V
Tempo commutazione "ON" Response time "ON"	0.5 ms		0.8 μs
Tempo commutazione "OFF" Response time "OFF"	0.1 ms		0.3 μs
Punto di lavoro nominale Nominal operate point	20÷25 AT		40 Gauss (34-46) Gauss
Differenza ON-OFF ON-OFF differential	5÷10 AT		5÷15 Gauss
Temperatura lavoro Operating temperature	-10 ÷ +70 °C		
Frequenza di lavoro Operating frequency	max 500 Hz		max 200 KHz
Vita elettrica Life time	10 ⁷ imp		10 ⁹ imp
Protezione contro inversione di polarità Polarity reversal protection	SI / YES		
Protezione contro corto-circuito Short circuit protection	/		
Grado di protezione Environmental protection degree	IP 67		
Configurazioni circuitali Wiring schematics			



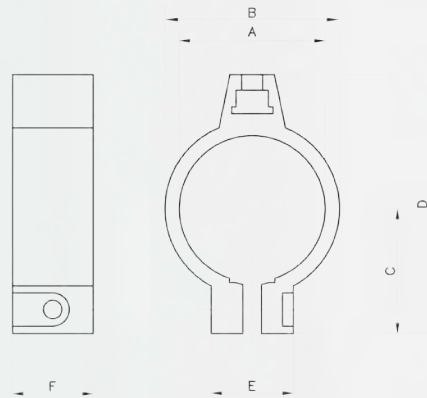
Lunghezza cavo standard Standard cable length	2.5 m (cavo diretto / flying connector with cable) 0.3 m (cavo con connettore / plug connector with cable)
Conduttori Conductors	0.14 mm ² / AWG 26 / (36x 0.07 mm ²)
Isolamento Isolation	PVC
Guaina Sheath	PVC ø 2.7 mm
Test di fiamma Flame test	V2
Certificazione Certification	CEI EN 60529; CEI EN 60947-5-2; CEI EN 61000-6-2; CEI EN 61000-6-3; CEI EN 55022; CEI EN 61000-4-2; CEI EN 61000-4-3 CEI EN 61000-4-4; CEI EN 65000-4-5; CEI EN 61000-4-8; CEI EN 61000-4-11; CEI EN 61000-4-6

CIRCUITI DI PROTEZIONE PER SENSORI	PROTECTION CIRCUIT FOR SWITCHES
La commutazione di carichi induttivi da parte dei contatti REED produce un elevato picco di tensione al momento della disinserzione. Per tale motivo, al fine di prevenire eventuali scariche dielettriche oppure un arco voltaico, è necessario introdurre un circuito di protezione. Questo può essere: -un circuito R-C in parallelo al finecorsa se alimentato in V dc - (vedi Fig.1) -un diodo in parallelo al carico se alimentato in V dc - (vedi Fig.2) -n°2 diodi Zener in parallelo al carico se alimentato in V ac/dc - (vedi Fig.3) -un varistore (VDR) in parallelo al carico se alimentato in V ac/dc - (Fig.4) La commutazione di carichi capacitivi o l'impiego di cavi con lunghezza maggiore a metri 10 produce picchi di corrente al momento dell'inserzione. Perciò è necessario prestare attenzione garantendo la minima corrente necessaria per pilotare il sensore. (10÷20 mA).	The switching of inductive loads made by REED produces an high voltage peak during the drop-out. In order to prevent dielectric discharges or voltaic arcs, you have to introduce a protection circuit. It can be: -a R-C circuit in parallel to the switch in case of V dc supply - (Img.1) -a diode in parallel to the load in case of V dc supply - (Img.2) -n°2 Zener diodes in parallel to the load with V ac/dc supply - (Img.3) -a varistor (VDR) in parallel to the load with V ac/dc supply - (Img.4) The switching of capacitive loads or the use of cables longer than 10 meters produces current peaks during the connection. For this reason you have to introduce a protection resistance near the switch on the brown wire. Please, pay attention in granting the minimum necessary current to the switch. (10÷20 mA)

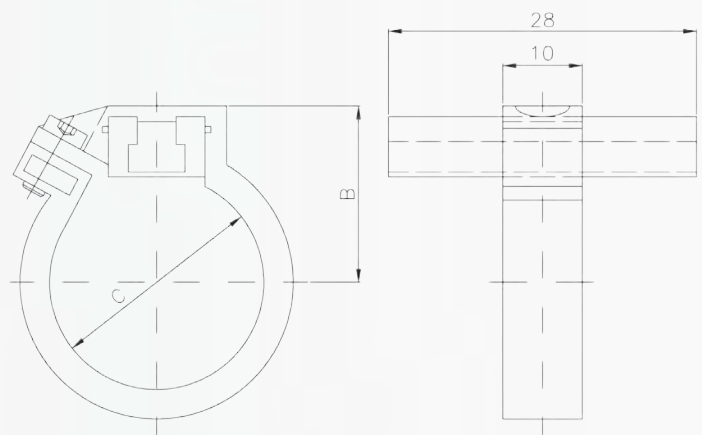


FISSAGGI PER SENSORI - CILINDRI TONDI

MOUNTING PARTS FOR SENSORS - ROUND CYLINDERS

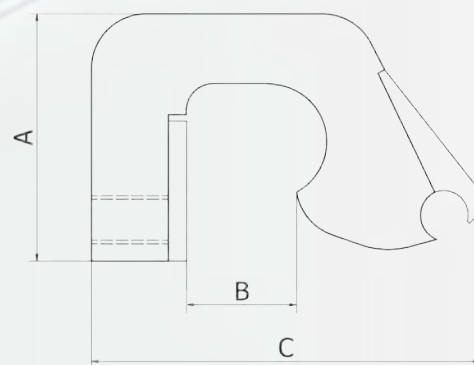


Ø mm cilindro cylinder	A	B	C	D	E	F	CODICE/CODE
8	Ø 9.3	12.3	11.1	23.9	12.3	9	NT-08
10	Ø 11.3	14.3	12.2	25.9			NT-10
12	Ø 13.3	16.3	13.2	28			NT-12
16	Ø 17.3	20.3	15.3	32.1			NT-16
20	Ø 21.3	24.3	17.4	36.2			NT-20
25	Ø 26.5	29.5	20	41.4	14		NT-25



Ø mm cilindro cylinder	B	C	CODICE/CODE
32	27	33.6	NT-32
40	31	41.6	NT-40
50	37	52.4	NT-50
63	42	65.4	NT-63

FISSAGGI PER SENSORI - CILINDRI TIRANTATI MOUNTING PARTS FOR SENSORS - TIE ROD CYLINDERS



Ø mm cilindro cylinder	A	B	C	CODICE/CODE
32-63	14	9	22	NT-3263XR
80-100	19	12	34	NT-80100XR
125	21	14	33	NT-125XR
160-200	26	18	42	NT-160200XR
250	26	20.5	42	NT-250XR
320	26	25.5	42	NT-320XR

COPERTURA PER CAVA SENSORE COVERING FOR SENSOR SLOT



MATERIALE/MATERIAL	COLORE/COLOR	LUNGHEZZA/LENGHT	CODICE/CODE
PLASTICA/PLASTIC	BLU/BLUE	0.5	XLB-11