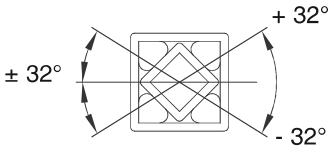
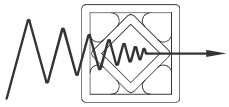
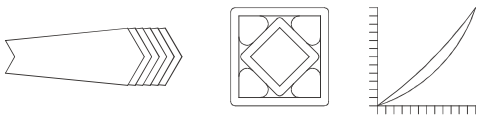
Caratteristiche del sistema elastico universale
Characteristics of the rubber suspension units



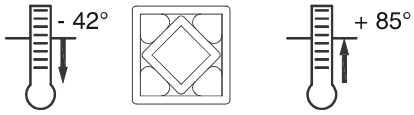
Ampio angolo d'azione
Large operating angle



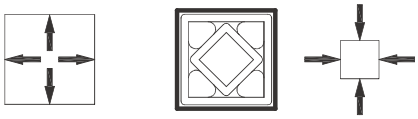
Riduzione di rumore e vibrazioni
Noise and vibration damping



Progressiva elasticità
Progressive spring characteristics



Resistenza alle temperature
Resistant to temperature

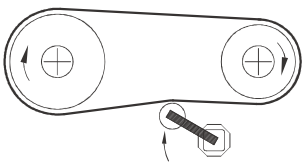


Sicurezza dell'utilizzo
Safe use in any position



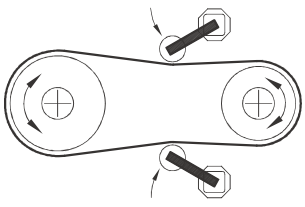
Non necessita di manutenzione
Maintenance free

Istruzioni per il corretto montaggio del tendicatena (TEKS) e dei tendicinghia (TERE)
Instructions for a proper mounting of the chain tensioner (TEKS) and of the belt tensioner (TERE)

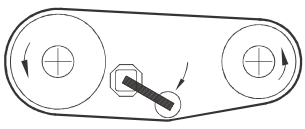


ruota condotta
driven wheel

Tenditore sul lato lasco
Tensioner on the loose side



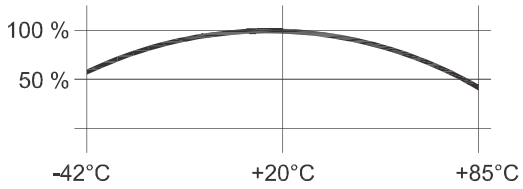
Con motore reversibile montare 2 tendicatena
With reversible engine mount 2 tensioners



ruota condotta
driven wheel

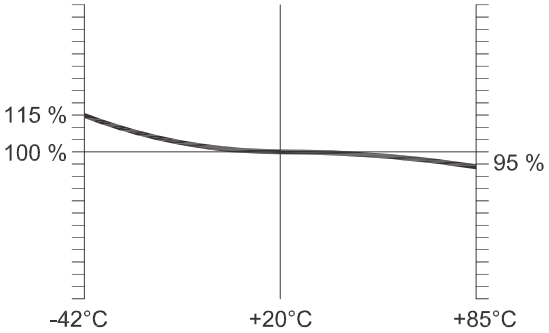
Montaggio con trasmissione a cinghia con profilo a V
Mounting with belt transmission with V profile

Caratteristiche della gomma
Characteristics of the rubber



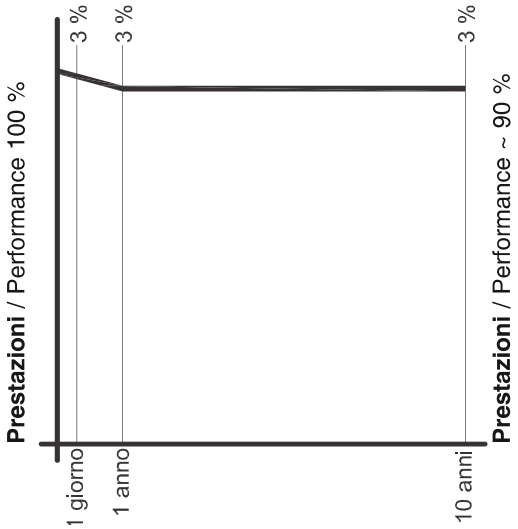
Temperatura ambiente
Room temperature

Durata in condizioni normali di temperatura ~ 10 anni
Temperature influence: service life (under normal conditions) ~ 10 years

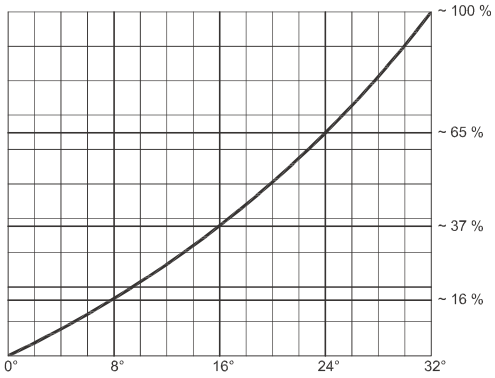


Temperatura ambiente
Room temperature

Influenza della temperatura: coppia di reazione (N/m)
Temperature influence: torque reaction (N/m)



Deformazioni e assestamento della gomma
Could flow and setting



Determinazione della coppia "in percentuale"
Torque determination "in percentage"

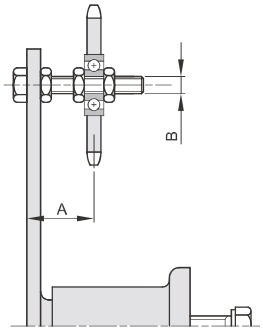
Il grafico è applicabile per tutte le dimensioni dei tipi: LTK-S, LTK-A, LTS, LTA
This chart is applicable to all type of: LTK-S, LTK-A, LTS, LTA

Esempio per la determinazione LTS 6-80 con coppia M 215 in Nm a 32° (pag 142)
Example for determinating LTS 6-80 with torque M 215 with Nm a 32° (page 142)

Con angolo di 15° = 35% = ~ 75 Nm
With an angle of 15° = 35% = ~ 75 Nm
Con angolo di 22° = 56% = ~ 120 Nm
With an angle of 22° = 56% = ~ 120 Nm
Con angolo di 28° = 81% = ~ 174 Nm
With an angle of 28° = 81% = ~ 174 Nm

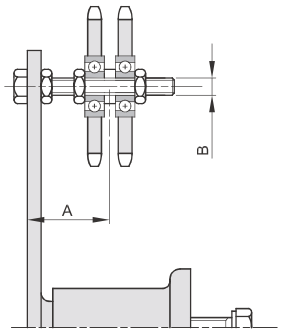
SEMPLICI

descrizione	catena	ISO	denti	A	B	Kg.
TEKS 3	3/8" x 7/32"	06B1	15	20 ÷ 50	M10	0,60
TEKS 3	1/2" x 5/16"	08B1	15	20 ÷ 50	M10	0,65
TEKS 5	5/8" x 3/8"	10B1	15	26 ÷ 67	M12	2,32
TEKS 5	3/4" x 7/16"	12B1	15	26 ÷ 67	M12	2,55
TEKS 6	1" x 17,02 mm	16B1	13	37 ÷ 102	M20	5,00
TEKS 7	1"1/4 x 3/4"	20B1	13	39 ÷ 122	M20	8,55
TEKS 7	1"1/2 x 1"	24B1	11	39 ÷ 142	M20	8,90



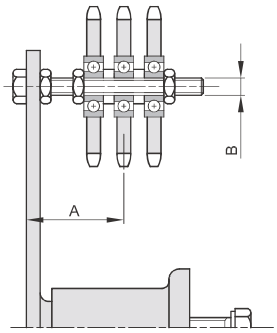
DOPPI

descrizione	catena	ISO	denti	A	B	Kg.
TEKS 3	3/8" x 7/32"	06B2	15	25 ÷ 44	M10	0,65
TEKS 4	1/2" x 5/16"	08B2	15	27 ÷ 43	M10	1,15
TEKS 5	5/8" x 3/8"	10B2	15	34 ÷ 59	M12	2,55
TEKS 5	3/4" x 7/16"	12B2	15	36 ÷ 57	M12	3,00
TEKS 6	1" x 17,02 mm	16B2	13	52 ÷ 86	M20	5,80
TEKS 7	1"1/4 x 3/4"	20B2	13	57 ÷ 104	M20	10,10
TEKS 7	1"1/2 x 1"	24B2	11	63 ÷ 118	M20	10,75



TRIPLI

descrizione	catena	ISO	denti	A	B	Kg.
TEKS 4	3/8" x 7/32"	06B3	15	31 ÷ 39	M10	0,95
TEKS 5	1/2" x 5/16"	08B3	15	40 ÷ 53	M12	2,45
TEKS 6	5/8" x 3/8"	10B3	15	53 ÷ 85	M20	4,95
TEKS 6	3/4" x 7/16"	12B3	15	56 ÷ 83	M20	5,20
TEKS 7	1" x 17,02 mm	16B3	13	70 ÷ 70	M20	9,40
TEKS 7	1"1/4 x 3/4"	20B3	13	75 ÷ 86	M20	11,70
TEKS 7	1"1/2 x 1"	24B3	11	87 ÷ 94	M20	12,70

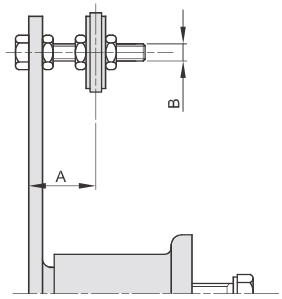


TENDICATENA UNIVERSALI TIPO “TECRS”
UNIVERSAL CHAIN TENSIONERS TYPE “TECRS”

RESATEC
CERTIFICATA ISO 9001

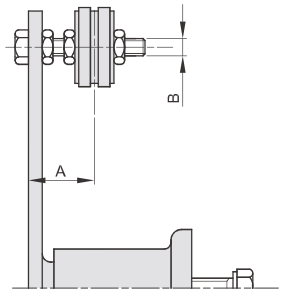
SEMPLICI

descrizione	catena	ISO	A	B	Kg.
TECRS 2	3/8" x 7/32"	06B1	18 ÷ 35	M 8	0,30
TECRS 3	1/2" x 5/16"	08B1	23 ÷ 45	M10	0,56
TECRS 4	5/8" x 3/8"	10B1	24 ÷ 44	M10	0,82
TECRS 5	3/4" x 7/16"	12B1	30 ÷ 60	M12	2,17



DOPPI

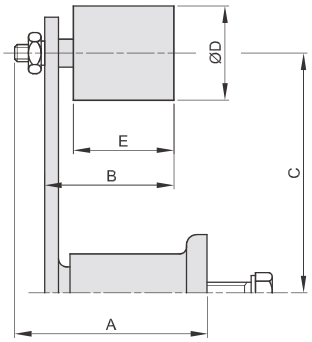
descrizione	catena	ISO	A	B	Kg.
TECRS 2	3/8" x 7/32"	06B2	25 ÷ 30	M 8	0,32
TECRS 3	1/2" x 5/16"	08B2	30 ÷ 34	M10	0,60
TECRS 4	5/8" x 3/8"	10B2	34 ÷ 46	M10	0,90
TECRS 5	3/4" x 7/16"	12B2	40 ÷ 52	M12	2,31



TENDICINGHIA UNIVERSALI TIPO “TERE”
UNIVERSAL BELT TENSIONERS TYPE “TERE”

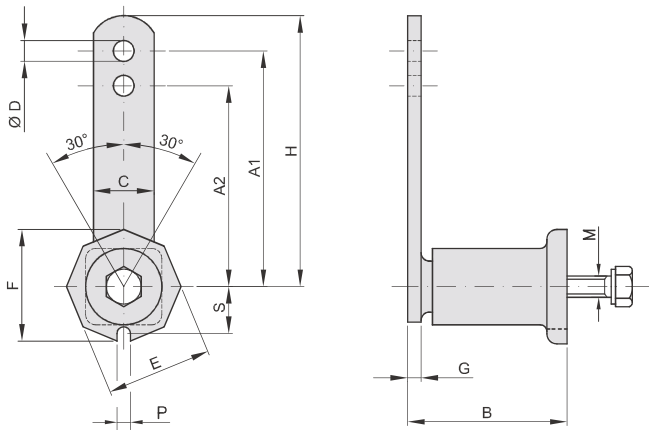
RESATEC
CERTIFICATA ISO 9001

descrizione	A	B	C	Ø D	E	Kg.
TERE 2	61	43	80	30	35	0,32
TERE 3	70	56	100	40	45	0,62
TERE 4	88	57	100	40	45	0,85
TERE 5	122	76	130	60	60	2,34
TERE 6	158	109	175	80	90	4,90
TERE 7	211	154	220	80	135	8,20



ELEMENTI TENDITORI UNIVERSALI TIPO “TE”
UNIVERSAL TENSIONERS TYPE “TE”

RESATEC
CERTIFICATA ISO 9001

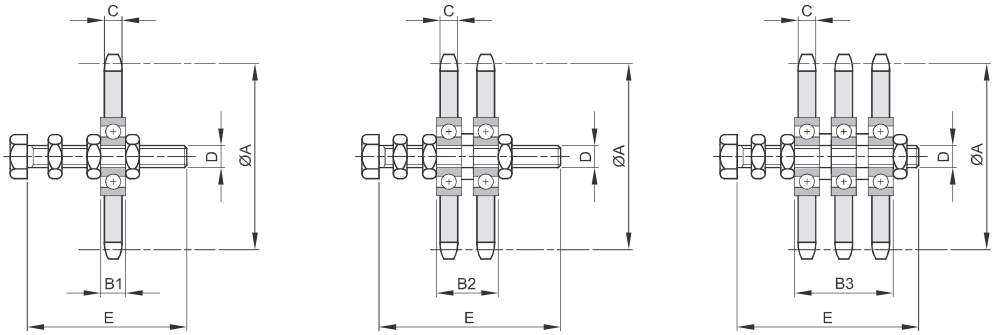


descrizione	A1	A2	B	C	Ø D	E	F	G	H	Forza max in N Torque in N ∡ 0 - 32° A1	A2	M	P	S	Kg.
TE 2 *	80	60	52	20	8,5	35	38	5	90	0 - 90	0 - 110	M 6	8	16	0,25
TE 3 *	100	80	63	25	10,5	46	48	5	112,5	0 - 140	0 - 170	M 8	8,5	21	0,45
TE 4 *	100	80	78	30	10,5	56	59	6	115	0 - 320	0 - 430	M10	8,5	25	0,68
TE 5 *	130	100	108	50	12,5	72	76	8	155	0 - 820	0 - 1050	M12	10,5	32	1,70
TE 6	175	140	140	60	20,5	93	97	10	205	0 - 1500	0 - 1880	M16	12,5	41	3,70
TE 7	220	175	198	70	20,5	106	112	12	255	0 - 2500	0 - 3200	M20	12,5	51	6,50

* Disponibile anche in acciaio “INOX” / Also available in stainless steel

PIGNONI TENDICATENA TIPO “KS” - DIN 8187
SPROCKETS WHEELS TYPE “KS” - DIN 8187

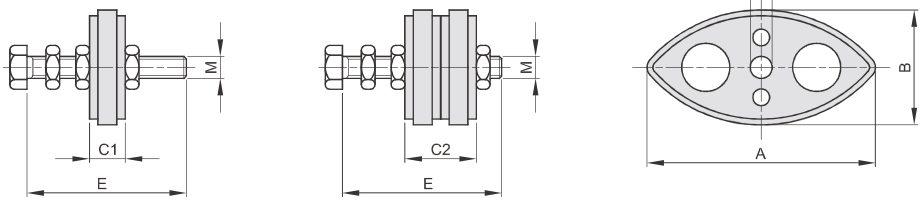
RESATEC
CERTIFICATA ISO 9001



descrizione	ISO	denti	Ø A	B1	B2	B3	C	D	E	semplice Kg.	doppia Kg.	tripla Kg.
KS 3/8" x 7/32"	06B-1-2-3	15	45,81	9	19,2	29,4	5,7	M10	60	0,15	0,20	0,25
KS 1/2" x 5/16"	08B-1-2	15	61,08	9	22,9		7,2	M10	60	0,20	0,35	
KS 1/2" x 5/16"	08B-1-2-3	15	61,08	12	26,0	40,0	7,2	M12	80	0,23	0,45	0,50
KS 5/8" x 3/8"	10B-1-2-3	15	76,36	12	28,6	45,2	9,1	M12	80	0,37	0,60	0,95
KS 5/8" x 3/8"	10B-1-2-3	15	76,36	15	31,5	48,2	9,1	M20	120	0,70	1,00	1,25
KS 3/4" x 7/16"	12B-1-2	15	91,63	12	31,5		11,5	M12	80	0,60	1,05	
KS 3/4" x 7/16"	12B-1-2-3	15	91,63	15	34,5	54,0	11,5	M20	120	0,90	1,35	1,50
KS 1" x 17,02 mm	16B-1-2-3	13	106,14	15	46,9	78,8	16,2	M20	120	1,30	2,10	2,90
KS 1 1/4" x 3/4"	20B-1-2-3	13	132,67	15	51,5	88,0	18,5	M20	140	2,05	3,60	5,20
KS 1 1/2" x 1"	24B-1-2-3	11	135,23	15	63,4	111,8	24,1	M20	160	2,40	4,25	6,20

PATTINI TENDICATENA TIPO “CRS”
CHAINRIDER SET TYPE “CRS”

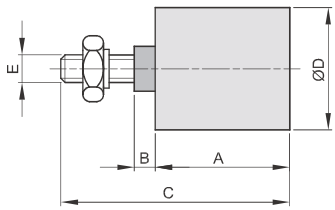
RESATEC
CERTIFICATA ISO 9001



descrizione	catena	ISO	A	B	C1	C2	Ø D	M	E	semplice Kg.	doppio Kg.
CRS 3/8"	3/8” x 7/32”	06B	74	40	10,2	20,4	8	M 8	45	0,05	0,07
CRS 1/2"	1/2” x 5/16”	08B	96	50	13,9	27,8	10	M10	60	0,11	0,15
CRS 5/8"	5/8” x 3/8”	10B	125	55	16,5	33,0	10	M10	60	0,14	0,22
CRS 3/4"	3/4" x 7/16"	12B	147	80	19,5	39,0	12	M12	80	0,22	0,36

RULLI TENDICINGHIA TIPO “RE”
ROLLERSET TYPE “RE

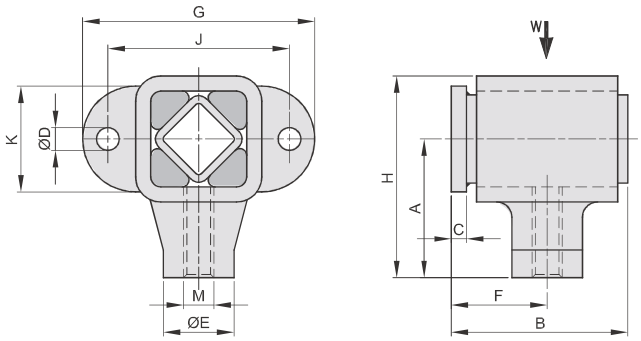
RESATEC
CERTIFICATA ISO 9001



descrizione	A	B	C	Ø D	E	Kg.
RE 2	35	3	51	30	M 8	0,07
RE 3	45	6	67	40	M10	0,17
RE 4	45	6	67	40	M10	0,17
RE 5	60	7,5	89	60	M12	0,39
RE 6	90	9	127	80	M20	1,20
RE 7	135	7	167	80	M20	1,70

ELEMENTI OSCILLANTI TIPO “OM”
OSCILLANTING MOUNTING TYPE “OM”

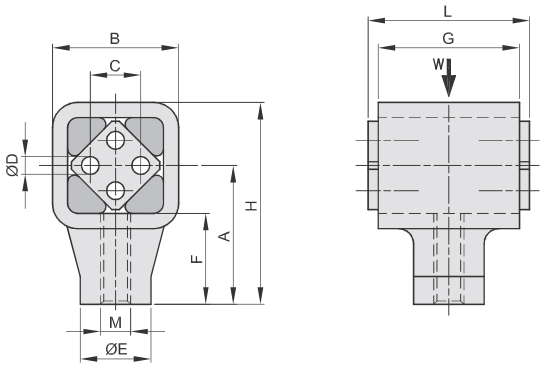
RESATEC
CERTIFICATA ISO 9001



descrizione	A	B	C	Ø D	E	F	G	H	J	K	M	W carico max in N	Fr Freq. max in min -1	Kg.
OM 4 R	40	61	5	9	24	33	82	58	60	30	M12 R	190	1250	0,28
OM 4 L	40	61	5	9	24	33	82	58	60	30	M12 L	190	1250	0,28
OM 5 R	55	75	6	11	30	41	108	81	80	45	M16 R	380	780	0,58
OM 5 L	55	75	6	11	30	41	108	81	80	45	M16 L	380	780	0,58
OM 6 R	80	98	8	13	40	53	130	115	100	60	M20 R	780	760	1,45
OM 6 L	80	98	8	13	40	53	130	115	100	60	M20 L	780	760	1,45
OM 7 R	90	118	8	17	50	63	170	135	130	70	M24 R	1550	750	2,54
OM 7 L	90	118	8	17	50	63	170	135	130	70	M24 L	1550	750	2,54
OM 8 R	100	140	10	17	60	75	180	147	140	80	M36 R	2400	580	6,05
OM 8 L	100	140	10	17	60	75	180	147	140	80	M36 L	2400	580	6,05

TESTE DI BIELLA TIPO “DH”
CRANKDRIVE UNIT TYPE “DH”

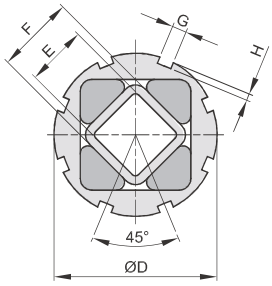
RESATEC
CERTIFICATA ISO 9001

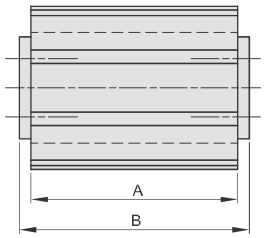


descrizione	A	B	C	Ø D	E	F	G	H	L	M	W forza accel. in N	ne Vel. di rotaz. in min -1	Kg.
DH 4-50 R	40	36	12	6	24	25	50	58	55	M12 R	380	1250	0,20
DH 4-50 L	40	36	12	6	24	25	50	58	55	M12 L	380	1250	0,20
DH 5-60 R	55	52	20	8	30	35	60	81	65	M16 R	960	1200	0,52
DH 5-60 L	55	52	20	8	30	35	60	81	65	M16 L	960	1200	0,52
DH 6-80 R	80	72	25	10	40	52	80	115	90	M20 R	1900	780	1,48
DH 6-80 L	80	72	25	10	40	52	80	115	90	M20 L	1900	780	1,48
DH 7-100 R	90	90	35	12	50	55	100	135	110	M24 R	3400	750	2,65
DH 7-100 L	90	90	35	12	50	55	100	135	110	M24 L	3400	750	2,65
DH 8-120 R	100	94	40	M12x30	60	64	120	147	130	M36 R	5800	580	6,30
DH 8-120 L	100	94	40	M12x30	60	64	120	147	130	M36 L	5800	580	6,30
DH 9-200 R	120	120	45	M16x25	80	75	200	180	210	M42 R	11500	330	17,70
DH 9-200 L	120	120	45	M16x25	80	75	200	180	210	M42 L	11500	330	17,70
DH 9-300 R	120	120	45	M16x25	80	75	300	180	310	M42 R	17500	300	26,50
DH 9-300 L	120	120	45	M16x25	80	75	300	180	310	M42 L	17500	300	26,50

ELEMENTI ELASTICI TIPO “LTK-S”
RUBBER SUSPENSION UNIT TYPE “LTK-S”

RESATEC
CERTIFICATA ISO 9001

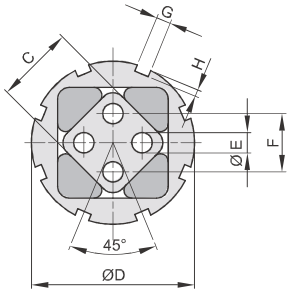


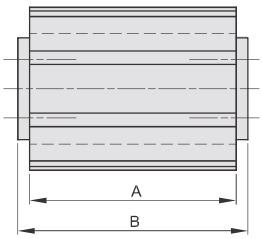


descrizione	COPPIA M IN NM A 32° TORQUE M IN NM AT 32°	A	B	Ø D	E	F	G	H	Kg.
LTK-S 5-40	56	40	45	62	22	27	6	3	0,30
LTK-S 5-60	85	60	65	62	22	27	6	3	0,40
LTK-S 5-100	140	100	105	62	22	27	6	3	0,65
LTK-S 6-60	160	60	70	80	30	38	7	3,5	0,70
LTK-S 6-80	215	80	90	80	30	38	7	3,5	0,90
LTK-S 6-120	320	120	130	80	30	38	7	3,5	1,30

ELEMENTI ELASTICI TIPO “LTK-A”
RUBBER SUSPENSION UNIT TYPE “LTK-A”

RESATEC
CERTIFICATA ISO 9001

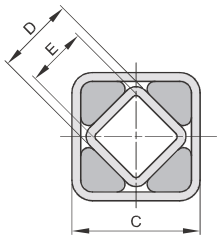


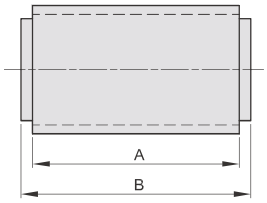


descrizione	COPPIA M IN NM A 32° TORQUE M IN NM AT 32°	A	B	C	Ø D	Ø E	F	G	H	Kg.
LTK-A 5-40	56	40	45	27	62	8	20	6	3	0,25
LTK-A 5-60	85	60	65	27	62	8	20	6	3	0,35
LTK-A 5-100	140	100	105	27	62	8	20	6	3	0,60
LTK-A 6-60	160	60	70	38	80	10	25	7	3,5	0,60
LTK-A 6-80	215	80	90	38	80	10	25	7	3,5	0,80
LTK-A 6-120	320	120	130	38	80	10	25	7	3,5	1,20

ELEMENTI ELASTICI TIPO “LTS”
RUBBER SUSPENSION UNIT TYPE “LTS”

RESATEC
CERTIFICATA ISO 9001

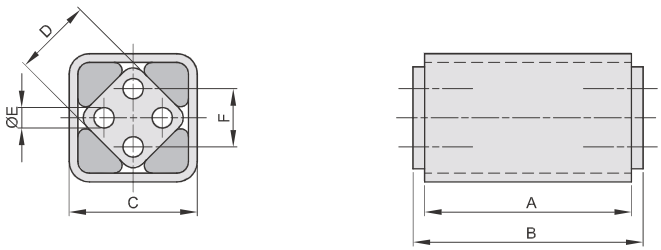




descrizione	COPPIA M IN NM A 32° TORQUE M IN NM AT 32°	A	B	C	D	E	Kg.
LTS 3-25	8	25	30	27	15	11	0,08
LTS 3-40	13	40	45	27	15	11	0,13
LTS 3-60	19	60	65	27	15	11	0,19
LTS 4-30	20	30	35	32	18	12	0,13
LTS 4-50	34	50	55	32	18	12	0,22
LTS 4-80	54	80	85	32	18	12	0,33
LTS 5-40	56	40	45	45	27	22	0,27
LTS 5-60	85	60	65	45	27	22	0,40
LTS 5-100	140	100	105	45	27	22	0,66
LTS 6-60	160	60	70	60	38	30	0,68
LTS 6-80	215	80	90	60	38	30	0,90
LTS 6-120	320	120	130	60	38	30	1,35
LTS 7-80	315	80	90	72	45	35	1,20
LTS 7-100	390	100	110	72	45	35	1,46
LTS 7-150	580	150	160	72	45	35	2,16
LTS 8-120	720	120	130	80	50	40	2,20
LTS 8-200	1300	200	210	80	50	40	3,50
LTS 8-300	2000	300	310	80	50	40	5,30

ELEMENTI ELASTICI TIPO “LTA”
RUBBER SUSPENSION UNIT TYPE “LTA”

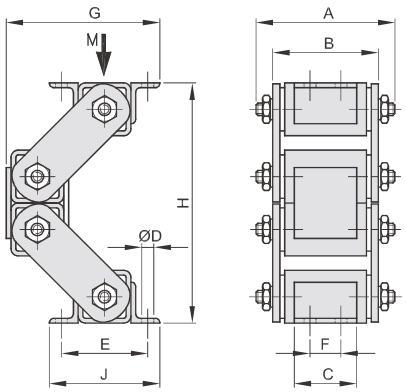
RESATEC
CERTIFICATA ISO 9001



descrizione	COPPIA M IN NM A 32° TORQUE M IN NM AT 32°	A	B	C	D	Ø E	F	Kg.
LTA 4-30	20	30	35	32	18	6	12	0,10
LTA 4-50	34	50	55	32	18	6	12	0,15
LTA 4-80	54	80	85	32	18	6	12	0,26
LTA 5-40	56	40	45	45	27	8	20	0,26
LTA 5-60	85	60	65	45	27	8	20	0,37
LTA 5-100	140	100	105	45	27	8	20	0,62
LTA 6-60	160	60	70	60	38	10	25	0,61
LTA 6-80	215	80	90	60	38	10	25	0,80
LTA 6-120	320	120	130	60	38	10	25	1,15
LTA 7-80	315	80	90	72	45	12	35	1,01
LTA 7-100	390	100	110	72	45	12	35	3,00
LTA 7-150	580	150	160	72	45	12	35	4,45
LTA 8-120	760	120	130	80	50	M12x40	40	1,85
LTA 8-200	1370	200	210	80	50	M12x40	40	3,02
LTA 8-300	2050	300	310	80	50	M12x40	40	4,48

ELEMENTI OSCILLANTI TIPO “HC”
OSCILLANTING-MOUNTINGS TYPE “HC”

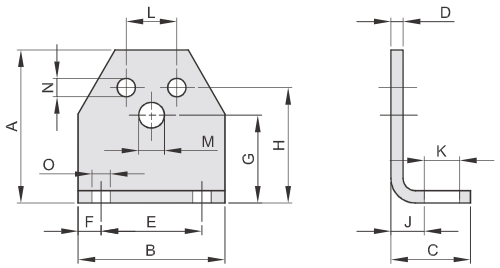
RESATEC
CERTIFICATA ISO 9001



descrizione	A	B	C	Ø D	E	F	G	G max	H	H min	J	CARICO LAOD M in N	Kg.
HC 6	138	117	65	13	100	40	180	205	290	190	120	500 - 1500	6,90
HC 7	168	142	80	13	115	48	201	225	335	235	135	1100 - 3200	13,50
HC 8	195	164	100	17	130	60	224	260	360	250	160	2400 - 7000	20,50

SUPPORTI TIPO “MA”
MOUNTING SUPPORT TYPE “MA”

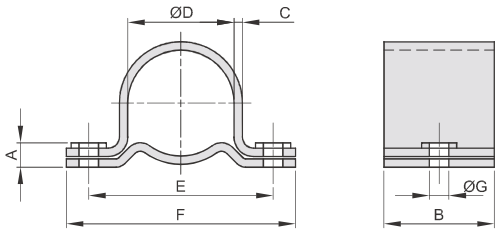
RESATEC
CERTIFICATA ISO 9001



descr.	adatto a tipo TE...	LT...	A	B	C	D	E	F	G	H	J	K	L	M	N	O	Kg.
MA 2	2	3	46	50	30	4	30	10	27	35	12	13	10	6,5	5,5	7	0,09
MA 3	3	4	58	60	32	6	40	10	34	44	14	13	12	8,5	6,5	7	0,19
MA 4	4	5	75	70	38	6	50	10	45	55	16	16	20	10,5	8,5	9,5	0,30
MA 5	5	6	98	90	52	8	65	12,5	58	75	21	22	25	12,5	10,5	11,5	0,70
MA 6	6	7	116	110	55	8	80	15	66	85	21	24	35	16,5	12,5	14	0,90
MA 7	7	8	140	140	66	10	100	20	80	110	26	30	40	20,5	12,5	18	1,80

STAFFE TIPO “CK”
MOUNTING CLAMP TYPE “CK”

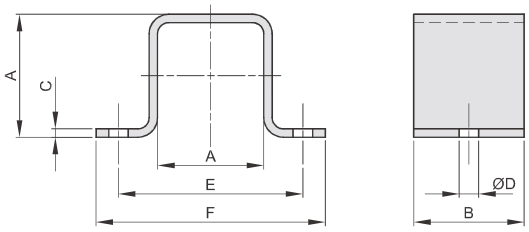
RESATEC
CERTIFICATA ISO 9001



descrizione	A	B	C	ØD	E	F	ØG	Kg.
CK 5	10	40	3	62	92	125	10,5	0,30
CK 6	11	40	3	80	115	150	12,5	0,45

STAFFE TIPO “MS”
MOUNTING CLAMP TYPE “MS”

RESATEC
CERTIFICATA ISO 9001



descrizione	A	B	C	ØD	E	F	Kg.
MS 3	27	25	2	6,5	50	65	0,04
MS 4	32	30	3	8,5	60	80	0,09
MS 5	45	35	3	10,5	80	105	0,16
MS 6	60	40	5	12,5	100	125	0,29
MS 7	72	45	5	12,5	115	145	0,45
MS 8	80	50	6	17	130	170	0,68