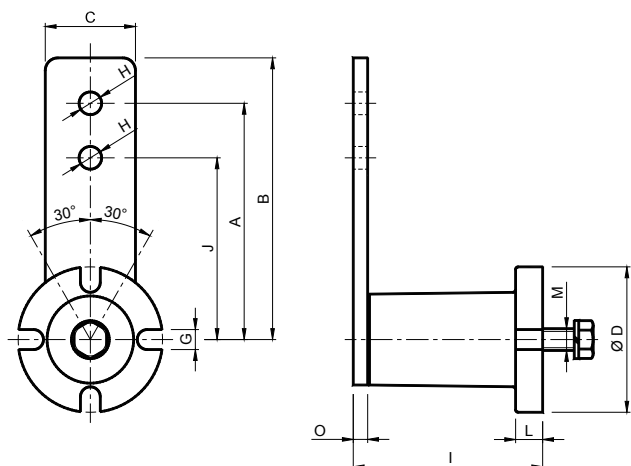




Tensioning elements – Type: **RE** / *Elementi tenditori* – Tipo: **RE**



🇬🇧 MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.
TREATMENTS Oven-painted. Galvanized screws.
USE Operating temperature from – 40° C to + 80° C.

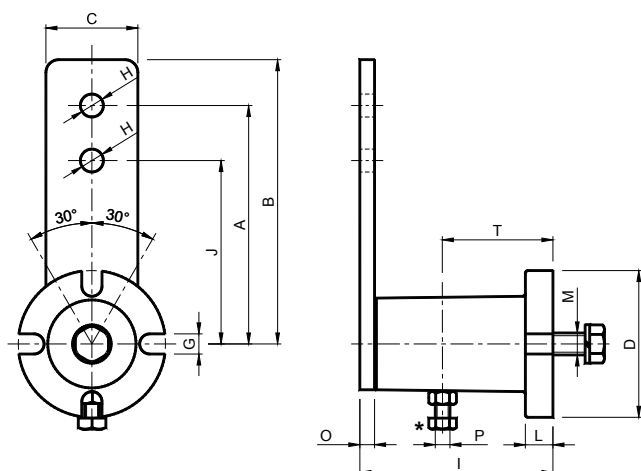
🇮🇹 MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.
TRATTAMENTI Verniciatura a forno. Viti zincate.
IMPIEGO Temperatura di lavoro da -40°C a +80°C.



Type Tipo	Cod. N°	A	B	C	ØD	G	ØH	I	J	L	M	O	* P	T	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
RE 10	RE010010	80	90	25	40	7	8,5	50,5 ^{+1,5 -0,5}	60	6	M6x20	5	M4	25	0÷ 90	0÷ 120	0,28	REP 10	RE010080
RE 20	RE010020	100	112	30	50	9	10,5	62,5 ^{+1,5 -0,5}	80	8	M8x25	5	M6	35	0÷ 140	0÷ 175	0,48	REP 20	RE010090
RE 30	RE010030	100	115	35	60	9	10,5	77,0 ^{+1,5 -0,5}	80	10	M10x30	6	M6	40	0÷ 380	0÷ 475	0,73	REP 30	RE010100
RE 40	RE010040	130	155	50	80	11	12,5	106,0 ^{+2,0 -1,0}	100	15	M12x40	8	M8	60	0÷ 860	0÷1118	2,00	REP 40	RE010110
RE 50	RE010050	175	205	65	100	13	20,5	140,0 ^{+2,0 -1,0}	140	15	M16x40	10	M8	80	0÷1600	0÷2000	4,20	REP 50	RE010120
RE 60	RE010060	225	260	80	120	13	20,5	199,0 ^{+2,5 -1,5}	180	18	M20x50	12	M10	115	0÷2700	0÷3375	7,00	REP 60	RE010130
RE 70	RE010070	250	290	90	130	17	20,5	209,0 ^{+2,5 -1,5}	200	20	M24x60	20	M12	115	0÷4400	0÷5500	9,60	REP 70	RE010140

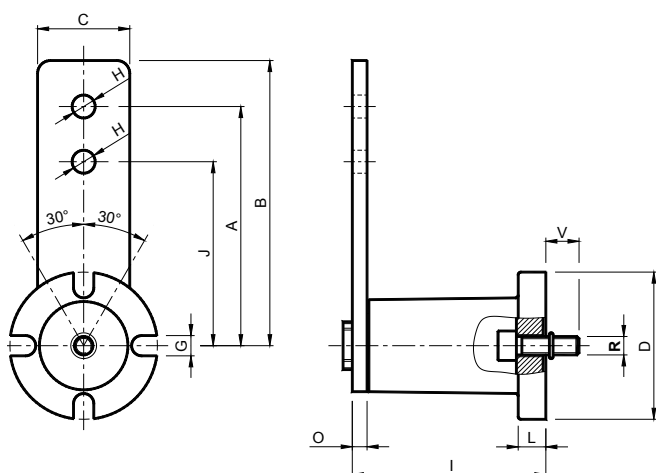


Tensioning elements with preloading screw (*) – Type: **REP**
Elementi Tenditori con vite di precarica ()* – Tipo: **REP**



🇬🇧 MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.
TREATMENTS Oven-painted. Galvanized screws.
USE Operating temperature from – 40° C to + 80° C.

🇮🇹 MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.
TRATTAMENTI Verniciatura a forno. Viti zincate.
IMPIEGO Temperatura di lavoro da -40°C a +80°C

Tensioning elements with front mounting – Type: **FE***Elementi tenditori con montaggio frontale – Tipo: FE*

MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.

TREATMENTS Oven-painted. Galvanized screws.

USE Operating temperature from – 40° C to + 80° C.

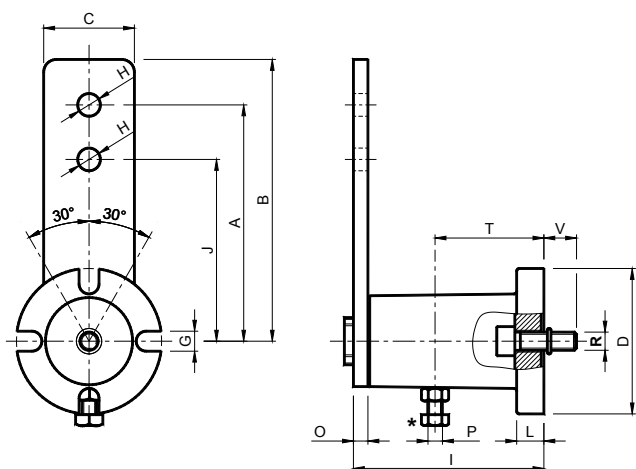
MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.

TRATTAMENTI Verniciatura a forno. Viti zincate.

IMPIEGO Temperatura di lavoro da -40°C a +80°C.



Type Tipo	Cod. N°	A	B	C	ØD	G	ØH	I	J	L	O	* P	R	T	V	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
FE 10	RE010150	80	90	25	40	7	8,5	50,5 ^{+1,5} _{-0,5}	60	6	5	M4	M5	25	10	0÷ 90	0÷ 120	0,25	FEP 10	RE010220
FE 20	RE010160	100	112	30	50	9	10,5	62,5 ^{+1,5} _{-0,5}	80	8	5	M6	M6	35	14	0÷ 140	0÷ 175	0,45	FEP 20	RE010230
FE 30	RE010170	100	115	35	60	9	10,5	77,0 ^{+1,5} _{-0,5}	80	10	6	M6	M8	40	19	0÷ 380	0÷ 475	0,69	FEP 30	RE010240
FE 40	RE010180	130	155	50	80	11	12,5	106,0 ^{+2,0} _{-1,0}	100	15	8	M8	M10	60	18	0÷ 860	0÷1118	1,90	FEP 40	RE010250
FE 50	RE010190	175	205	65	100	13	20,5	140,0 ^{+2,0} _{-1,0}	140	15	10	M8	M12	80	20	0÷1600	0÷2000	3,90	FEP 50	RE010260
FE 60	RE010200	225	260	80	120	13	20,5	199,0 ^{+2,5} _{-1,5}	180	18	12	M10	M16	115	36	0÷2700	0÷3375	6,90	FEP 60	RE010270
FE 70	RE010210	250	290	90	130	17	20,5	209,0 ^{+2,5} _{-1,5}	200	20	20	M12	M20	115	25	0÷4400	0÷5500	9,50	FEP 70	RE010280

Tensioning elements with front mounting and screw for preloading (*) – Type: **FEP***Elementi tenditori con montaggio frontale e vite per precarica (*) – Tipo: FEP*

MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.

TREATMENTS Oven-painted. Galvanized screws.

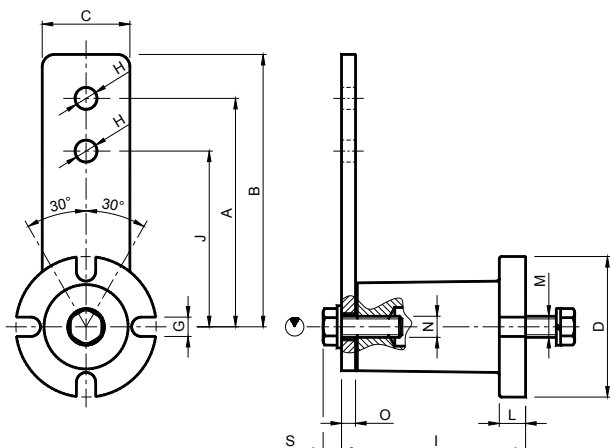
USE Operating temperature from – 40° C to + 80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.

TRATTAMENTI Verniciatura a forno. Viti zincate.

IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Tensioning elements with radial regulation of 360° (☉) - Type: **BE**
*Elementi tenditori con regolazione radiale di 360° (☉) - Tipo: **BE***



UK MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.

TREATMENTS body oven-painted. Lever-screws galvanized.

USE Operating temperature from - 40° C to + 80° C.

IT MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.

TRATTAMENTI Corpo verniciato a forno, leva e viti zincate.

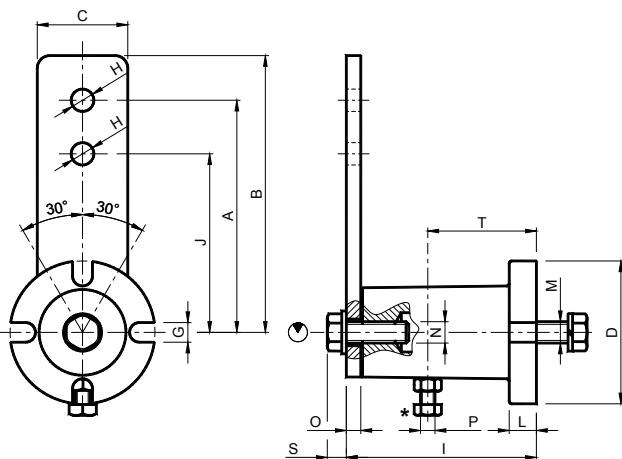
IMPIEGO Temperatura di lavoro da -40°C a +80°C.



Type Tipo	Cod. N°	A	B	C	ØD	G	ØH	I	J	L	M	N	O	* P	S	T	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
BE 10	RE010290	80	90	25	40	7	8,5	50 ^{+1,5 -0,5}	60	6	M6x20	M 8	5	M 4	7	25	0÷ 90	0÷ 120	0,28	BEP 10	RE010360
BE 20	RE010300	100	112	30	50	9	10,5	62 ^{+1,5 -0,5}	80	8	M8x25	M10	5	M 6	9	35	0÷ 140	0÷ 175	0,48	BEP 20	RE010370
BE 30	RE010310	100	115	35	60	9	10,5	76 ^{+1,5 -0,5}	80	10	M10x30	M10	6	M 6	9	40	0÷ 380	0÷ 475	0,73	BEP 30	RE010380
BE 40	RE010320	130	155	50	80	11	12,5	105 ^{+2,0 -1,0}	100	15	M12x40	M12	8	M 8	11	60	0÷ 860	0÷1118	2,00	BEP 40	RE010390
BE 50	RE010330	175	205	65	100	13	20,5	136 ^{+2,0 -1,0}	140	15	M16x40	M20	10	M 8	16	80	0÷1600	0÷2000	4,20	BEP 50	RE010400
BE 60	RE010340	225	260	80	120	13	20,5	196 ^{+2,5 -1,5}	180	18	M20x50	M20	12	M10	16	115	0÷3375	0÷3375	7,00	BEP 60	RE010410
BE 70	RE010350	250	290	90	130	17	20,5	210 ^{+2,5 -1,5}	200	20	M24x60	M24	20	M12	19	115	0÷4400	0÷5500	9,60	BEP 70	RE010420



Tensioning elements with radial regulation of 360° (☉) and screw for preloading (*) - Type: **BEP**
Elementi tenditori con regolazione radiale di 360° (☉) e vite per precarica () - Tipo: **BEP***



UK MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.

TREATMENTS The body is oven-painted. Lever and screws are galvanized.

USE Operating temperature from - 40° C to + 80° C.

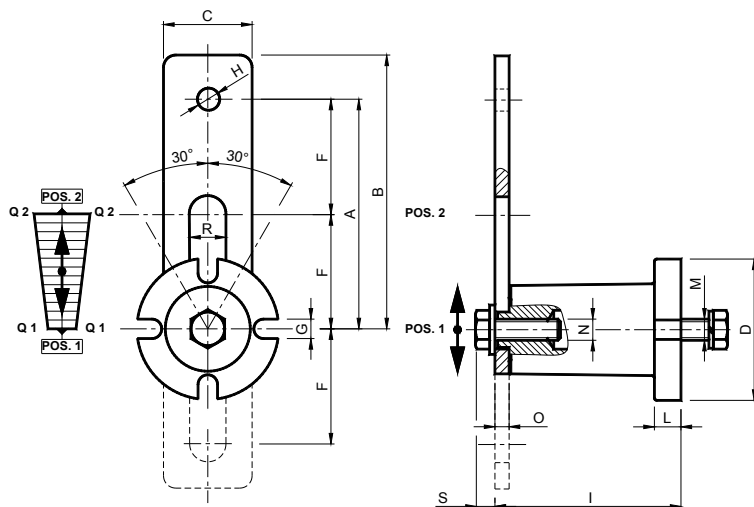
IT MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.

TRATTAMENTI Corpo verniciato a forno, leva e viti zincate.

IMPIEGO Temperatura di lavoro da -40°C a +80°C.



Tensioning elements with variable loading (↕) - Type: **ME**
Elementi tenditori con carico variabile (↕) – Tipo: ME

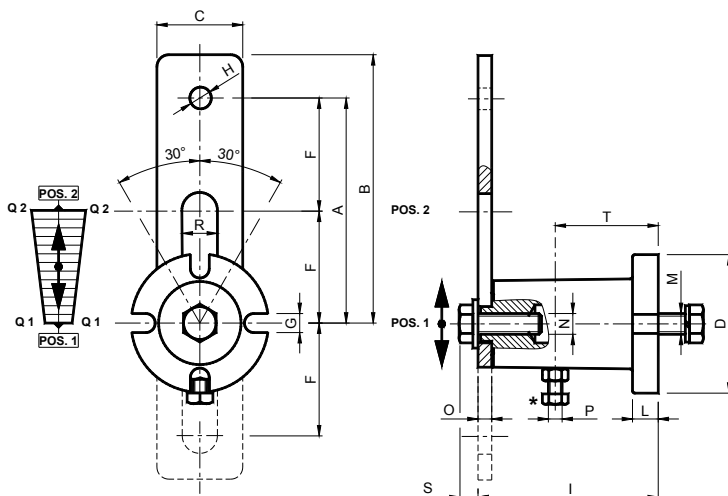


MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.
TREATMENTS The body is oven-painted. Lever and screws are galvanized.
USE Operating temperature from -40° C to +80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.
TRATTAMENTI Corpo verniciato a forno, leva e viti zincate.
IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Type Tipo	Cod. N°	A	B	C	ØD	F	G	ØH	I	L	M	N	O	*P	R	T	Newton 0°-30°	Newton 0°-30°	Weight Peso in [kg]	Type Tipo	Cod. N°
																	Pos.1 Q 1	Pos.2 Q 2			
ME 10	RE010430	80	90	25	40	40,0	7	8,5	51 ^{+1,5 -0,5}	6	M6x20	M 6	6	M 4	10,0	25	0÷ 90	0÷ 120	0,28	MEP 10	RE010500
ME 20	RE010440	100	112	30	50	50,0	9	10,5	63 ^{+1,5 -0,5}	8	M8x25	M 8	6	M 6	12,0	35	0÷ 140	0÷ 175	0,48	MEP 20	RE010510
ME 30	RE010450	100	115	35	60	50,0	9	10,5	78 ^{+1,5 -0,5}	10	M10x30	M10	8	M 6	14,5	40	0÷ 380	0÷ 475	0,73	MEP 30	RE010520
ME 40	RE010460	130	155	50	80	50,0	11	12,5	107 ^{+2,0 -1,0}	15	M12x40	M12	10	M 8	20,5	60	0÷ 860	0÷1118	2,00	MEP 40	RE010530
ME 50	RE010470	175	205	65	100	65,0	13	20,5	138 ^{+2,0 -1,0}	15	M16x40	M16	12	M 8	27,0	80	0÷1600	0÷2000	4,20	MEP 50	RE010540
ME 60	RE010480	225	260	80	120	87,5	13	20,5	199 ^{+2,5 -1,5}	18	M20x50	M20	15	M10	35,0	115	0÷2700	0÷3375	7,00	MEP 60	RE010550
ME 70	RE010490	250	290	90	130	110,0	17	20,5	212 ^{+2,5 -1,5}	20	M24x60	M24	20	M12	42,0	115	0÷4400	0÷5500	10,00	MEP 70	RE010560

Tensioning elements with variable loading (↕) and screw for preloading (*) – Type: **MEP**
Elementi tenditori con carico variabile (↕) e vite per precarica () – Tipo: MEP*

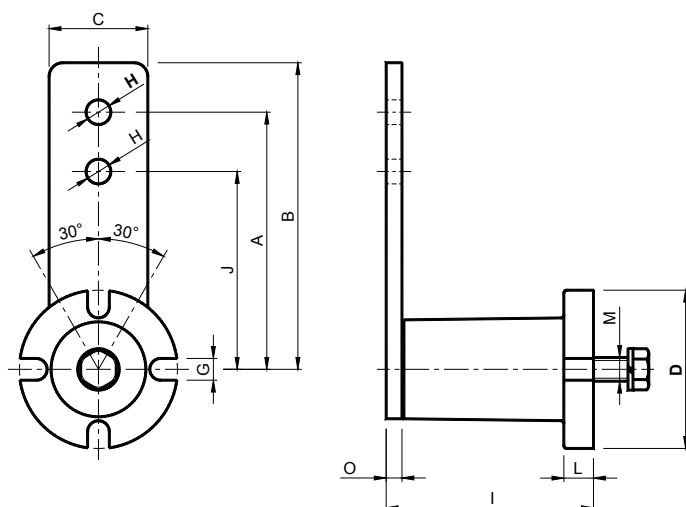


MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel.
TREATMENTS The body is oven-painted. Lever and screws are galvanized.
USE Operating temperature from -40° C to +80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio.
TRATTAMENTI Corpo verniciato a forno, leva e viti zincate.
IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Tensioning elements ANOX – Type: **REG** and **REZ** / *Elementi tenditori ANOX – Tipo: **REG** e **REZ***

ANOX



REG



REZ

UK MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The lever is made of steel
TREATMENTS REG type is nickel-plated, while REZ type is galvanized. Screws are galvanized
USE Operating temperature from -40°C to $+80^{\circ}\text{C}$. Good resistance to oxidation

IT MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. La leva è in acciaio
TRATTAMENTI Il tipo REG è nichelato mentre il tipo REZ è zincato. Le viti sono zincate
IMPIEGO Temperatura di lavoro da -40°C a $+80^{\circ}\text{C}$. Buona resistenza alla ossidazione



Type Tipo	Cod. N°	Type Tipo	Cod. N°	A	B	C	ØD	G	ØH	I	J	L	M	O	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso in [kg]	Type Tipo	Cod. N°
REG 10	RE010012	REZ 10	RE010015	80	90	25	40	7	8,5	50,5 ^{+1,5 -0,5}	60	6	M6x20	5	0+ 90	0+ 120	0,28		
REG 20	RE010022	REZ 20	RE010025	100	112	30	50	9	10,5	62,5 ^{+1,5 -0,5}	80	8	M8x25	5	0+ 140	0+ 175	0,48	REX 20	RE010024
REG 30	RE010032	REZ 30	RE010035	100	115	35	60	9	10,5	77,0 ^{+1,5 -0,5}	80	10	M10x30	6	0+ 380	0+ 475	0,73	REX 30	RE010034
REG 40	RE010042	REZ 40	RE010045	130	155	50	80	11	12,5	106,0 ^{+2,0 -1,0}	100	15	M12x40	8	0+ 860	0+1118	2,00	REX 40	RE010044
REG 50	RE010052	REZ 50	RE010055	175	205	65	100	13	20,5	140,0 ^{+2,0 -1,0}	140	15	M16x40	10	0+1600	0+2000	4,20	REX 50	RE010054
REG 60	RE010062	REZ 60	RE010065	225	260	80	120	13	20,5	199,0 ^{+2,5 -1,5}	180	18	M20x50	12	0+2700	0+3375	7,00		
REG 70	RE010072	REZ 70	RE010075	250	290	90	130	17	20,5	209,0 ^{+2,5 -1,5}	200	20	M24x60	20	0+4400	0+5500	9,60		



Tensioning elements (Stainless Steel) – Type: **REX**
*Elementi tenditori (Acciaio inossidabile) – Tipo: **REX***

INOX



UK MATERIALS All components are made of stainless steel.
TREATMENTS Finishing and anti-corrosion.
USE Operating temperature from -40°C to $+80^{\circ}\text{C}$. High resistance to corrosive attacks.

IT MATERIALI Tutti i componenti sono in acciaio inossidabile.
TRATTAMENTI Specifici di finitura ed anticorrosivi.
IMPIEGO Temperatura di lavoro da -40°C a $+80^{\circ}\text{C}$. Ottima capacità di resistere agli attacchi corrosivi.



Base-elastic elements – Type: **CEA** and **CEAP** with screw for preloading (*)

Elementi elastici base – Tipo: **CEA** e **CEAP** con vite per precarica (*)



MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The pin is made of steel.

TREATMENTS The body is oven-painted. Pin and screws are galvanized.

USE Operating temperature from – 40° C to + 80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. Il perno è in acciaio.

TRATTAMENTI Corpo verniciato a forno, perno e viti zincate.

IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Type Tipo	Cod. N°	ØD	G	I	L	M	O	* P	T	Torque Q Carico Q [Nm] 0°-30°	Weight Peso in [kg]	Type Tipo	Cod. N°
CEA 10	RE010570	40	7	45 ^{+1,5} _{-0,5}	6	M6	1	M4	25	0 ÷ 7,2	0,19	CEAP 10	RE010640
CEA 20	RE010580	50	9	57 ^{+1,5} _{-0,5}	8	M8	1	M6	35	0 ÷ 14,0	0,34	CEAP 20	RE010650
CEA 30	RE010590	60	9	70 ^{+1,5} _{-0,5}	10	M10	1	M6	40	0 ÷ 38,0	0,52	CEAP 30	RE010660
CEA 40	RE010600	80	11	97 ^{+2,0} _{-1,0}	15	M12	1	M8	60	0 ÷ 111,8	1,50	CEAP 40	RE010670
CEA 50	RE010610	100	13	126 ^{+2,0} _{-1,0}	15	M16	1	M8	80	0 ÷ 280,0	3,10	CEAP 50	RE010680
CEA 60	RE010620	120	13	184 ^{+2,5} _{-1,5}	18	M20	2	M10	115	0 ÷ 607,5	4,90	CEAP 60	RE010690
CEA 70	RE010630	130	17	182 ^{+2,5} _{-1,5}	20	M24	2	M12	115	0 ÷ 1100,0	6,00	CEAP 70	RE010700

Q: Torque [Nm] / Q: Carico di Torsione [Nm]

Base-elastic elements – Type: **CEB** and **CEBP** with screw for preloading (*)

Elementi elastici base – Tipo: **CEB** e **CEBP** con vite per precarica (*)



MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The pin is made of steel.

TREATMENTS The body is oven-painted. Pin and screws are galvanized.

USE Operating temperature from – 40° C to + 80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. Il perno è in acciaio.

TRATTAMENTI Corpo verniciato a forno, perno e viti zincate.

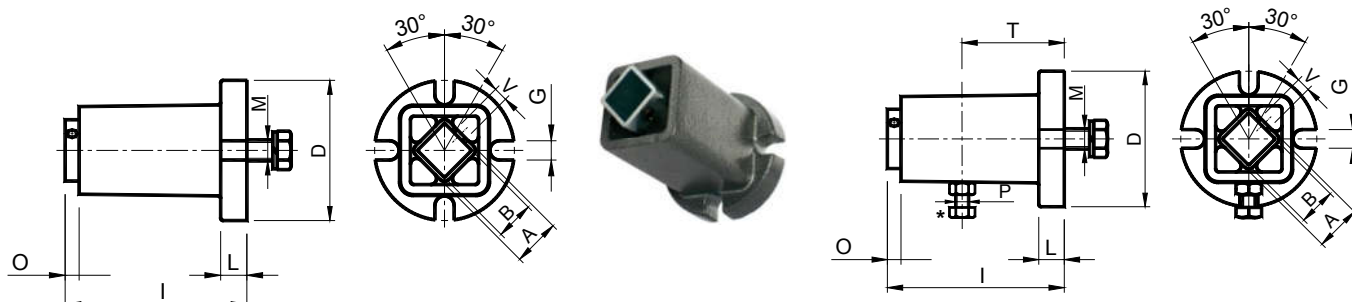
IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Type Tipo	Cod. N°	C	ØD	G	I	L	M	O	* P	ØR	T	Torque Q Carico Q [Nm] 0°-30°	Weight Peso in [kg]	Type Tipo	Cod. N°
CEB 10	RE010710	9,5	40	7	50 ^{+1,5} _{-0,5}	6	M6	5	M4	11	25	0 ÷ 7,2	0,19	CEBP 10	RE010780
CEB 20	RE010720	12,0	50	9	62 ^{+1,5} _{-0,5}	8	M8	5	M6	15	35	0 ÷ 14,0	0,34	CEBP 20	RE010790
CEB 30	RE010730	14,5	60	9	77 ^{+1,5} _{-0,5}	10	M10	7	M6	18	40	0 ÷ 38,0	0,52	CEBP 30	RE010800
CEB 40	RE010740	20,0	80	11	106 ^{+2,0} _{-1,0}	15	M12	9	M8	27	60	0 ÷ 111,8	1,50	CEBP 40	RE010810
CEB 50	RE010750	26,0	100	13	137 ^{+2,0} _{-1,0}	15	M16	11	M8	38	80	0 ÷ 280,0	3,10	CEBP 50	RE010820
CEB 60	RE010760	34,0	120	13	198 ^{+2,5} _{-1,5}	18	M20	14	M10	45	115	0 ÷ 607,5	4,90	CEBP 60	RE010830
CEB 70	RE010770	40,0	130	17	201 ^{+2,5} _{-1,5}	20	M24	19	M12	50	115	0 ÷ 1100,0	6,00	CEBP 70	RE010840

Q: Torque [Nm] / Q: Carico di Torsione [Nm]



Base-elastic elements – Type: **CET** and **CETP** with screw for preloading (*)
Elementi elastici base – Tipo: CET e CETP con vite per precarica ()*



MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The pin is made of steel.

TREATMENTS The body is oven-painted. Pin and screws are galvanized.

USE Operating temperature from – 40° C to + 80° C.

MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. Il perno è in acciaio.

TRATTAMENTI Corpo verniciato a forno, perno e viti zincate.

IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Type Tipo	Cod.N°	A	B	ØD	G	I	L	M	O	* P	T	V	Torque Q Carico Q [Nm] 0°-30°	Weight Peso in [kg]	Type Tipo	Cod.N°
CET 10	RE010711	11	8 ^{+0,25 +0,00}	40	7	50 ^{+1,5 -0,5}	6	M6	6	M4	25	M6	0 ÷ 7,2	0,16	CETP 10	RE010781
CET 20	RE010721	15	11 ^{+0,25 +0,00}	50	9	64 ^{+1,5 -0,5}	8	M8	8	M6	35	M6	0 ÷ 14,0	0,30	CETP 20	RE010791
CET 30	RE010731	18	12 ^{+0,25 +0,00}	60	9	77 ^{+1,5 -0,5}	10	M10	8	M6	40	M6	0 ÷ 38,0	0,46	CETP 30	RE010801
CET 40	RE010741	27	22 ^{+0,25 +0,00}	80	11	106 ^{+2,0 -1,0}	15	M12	10	M8	60	M8	0 ÷ 111,8	1,40	CETP 40	RE010811
CET 50	RE010751	40	30 ^{+0,25 +0,00}	100	13	125 ^{+2,0 -1,0}	15	M16	10	M8	80	M8	0 ÷ 280,0	2,50	CETP 50	RE010821
CET 60	RE010761	45	35 ^{+0,40 +0,00}	120	13	196 ^{+2,5 -1,5}	18	M20	14	M10	115	M10	0 ÷ 607,5	4,30	CETP 60	RE010831
CET 70	RE010771	50	40 ^{+0,40 +0,00}	130	17	195 ^{+2,5 -1,5}	20	M24	15	M12	115	M10	0 ÷ 1100,0	5,50	CETP 70	RE010841

Q: Torque [Nm] / Q: Carico di Torsione [Nm]

Base-elastic elements – Type: **CEP** and **CEPP** with screw for preloading (*)
Elementi elastici base – Tipo: CEP e CEPP con vite per precarica ()*



MATERIALS Sizes 10, 20, 30 and 70 the body is made of steel. Sizes 40, 50, 60 the body is made of cast iron. The pin is made of aluminium.

TREATMENTS The body is oven-painted. Raw pin and galvanized screws.

USE Operating temperature from – 40° C to + 80° C.

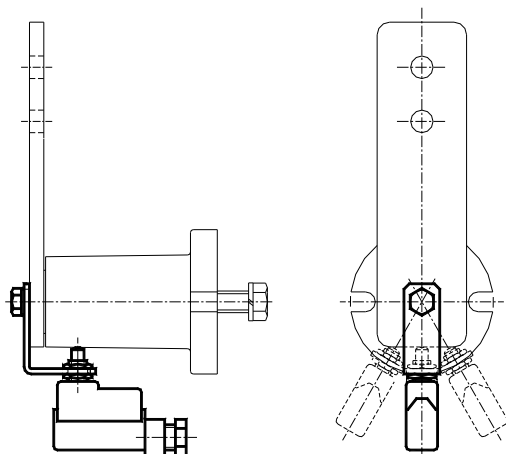
MATERIALI Grandezza 10, 20, 30 e 70 il corpo è in acciaio, Grandezza 40, 50, 60 il corpo è in ghisa. Il perno è in alluminio.

TRATTAMENTI Corpo verniciato a forno, perno grezzo e viti zincate.

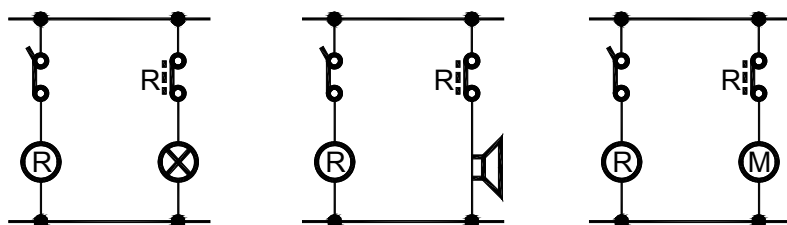
IMPIEGO Temperatura di lavoro da -40°C a +80°C.

Type Tipo	Cod.N°	A	B	ØD	E	G	I	L	M	O	* P	T	Torque Q Carico Q [Nm] 0°-30°	Weight Peso in [kg]	Type Tipo	Cod.N°
CEP 20	RE010722	15	M6x15	50	10	9	57 ^{+1,5 -0,5}	8	M8	1	M6	35	0 ÷ 14,0	0,30	CEPP 20	RE010792
CEP 30	RE010732	18	M6x15	60	12	9	70 ^{+1,5 -0,5}	10	M10	1	M6	40	0 ÷ 38,0	0,46	CEPP 30	RE010802
CEP 40	RE010742	27	M10x30	80	20	11	97 ^{+2,0 -1,0}	15	M12	1	M8	60	0 ÷ 111,8	1,40	CEPP 40	RE010812
CEP 50	RE010752	40	M12x30	100	25	13	126 ^{+2,0 -1,0}	15	M16	1	M8	80	0 ÷ 280,0	2,50	CEPP 50	RE010822
CEP 60	RE010762	45	M14x35	120	35	13	184 ^{+2,5 -1,5}	18	M20	2	M10	115	0 ÷ 607,5	4,30	CEPP 60	RE010832
CEP 70	RE010772	50	M12x40	130	40	17	182 ^{+2,5 -1,5}	20	M24	2	M12	115	0 ÷ 1100,0	5,50	CEPP 70	RE010842

Q: Torque [Nm] / Q: Carico di Torsione [Nm]

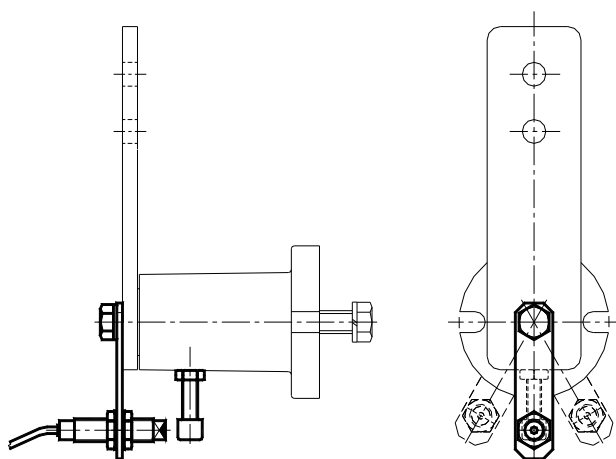
Electric travel-end switch – Type: **FM** / *Fine corsa elettrico* – Tipo: **FM**

Type Tipo	Cod. N°
FM 10	RE011065
FM 20	RE011066
FM 30	RE011067
FM 40	RE011068
FM 50	RE011069
FM 60	RE011070
FM 70	RE011071

Electrical diagram - *Schema elettrico*Inductive travel-end switch – Type: **FPI**
Fine corsa di prossimità induttivo – Tipo: **FPI**

 The electric travel-end switch “FM” or inductive travel-end switch “FPI” are particularly useful when you have to control the correct operation of the machine and/or ensure operator safety. See wiring diagram.

 I fine corsa elettrici a interruttore “FM” e induttivo “FPI” sono particolarmente utili quando si voglia controllare il corretto funzionamento della macchina e/o salvaguardare l'incolumità degli operatori. Vedi schema elettrico.

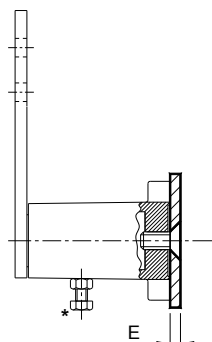
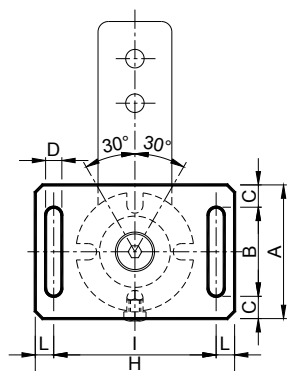


Type Tipo	Cod. N°
FPI 10	RE011075
FPI 20	RE011076
FPI 30	RE011077
FPI 40	RE011078
FPI 50	RE011079
FPI 60	RE011080
FPI 70	RE011081

Supports – Type: **SU** and **ST** / Supporti – Tipo: **SU** and **ST**



SU

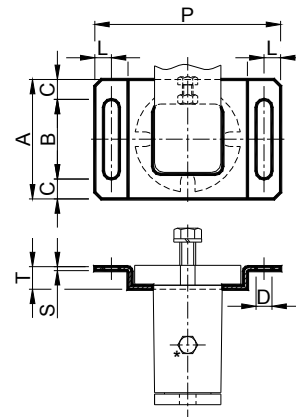


🇬🇧 MATERIALS Steel.
TREATMENTS Zinc-plated.
USE The elastic element can be adjusted in two ways: radially and axially by means of the "SU" and "ST" brackets.

🇮🇹 MATERIALI Acciaio.
TRATTAMENTI Zincatura.
IMPIEGO Con le staffe "SU" e "ST" è possibile avere la doppia regolazione dell'elemento elastico "Radiale" ed "Assiale".

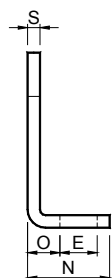
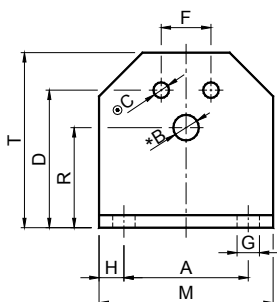


ST



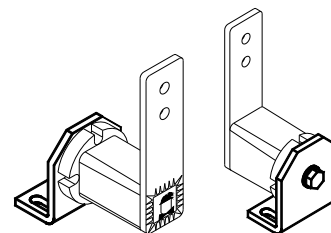
Type Tipo	Cod. N°	Weight Peso [kg]	A	B	C	D	E	H	I	L	N	O	P	S	T	Peso Weight [kg]	Type Tipo	Cod. N°
SU 10	RE011010	0,07	40	30	5,0	7	4	75	60	7,5	65	7,5	80	2	7,4	0,03	ST 10	RE011020
SU 20	RE011011	0,18	55	35	10,0	9	5	95	75	10,0	80	10,0	100	2	9,0	0,07	ST 20	RE011021
SU 30	RE011012	0,27	65	40	12,5	9	6	105	85	10,0	95	10,0	115	2	11,5	0,13	ST 30	RE011022
SU 40	RE011013	0,60	90	60	15,0	11	8	135	110	12,5	115	12,5	140	3	17,0	0,27	ST 40	RE011023
SU 50	RE011014	0,90	110	70	20,0	13	8	160	135	12,5	145	12,5	170	4	18,0	0,39	ST 50	RE011024
SU 60	RE011015	1,70	130	90	20,0	17	10	190	160	15,0	180	15,0	210	5	22,0	0,75	ST 60	RE011025

Supports – Type: **SB** / Supporti – Tipo: **SB**



🇬🇧 MATERIALS Steel.
TREATMENTS Oven-painted.
USE The bracket SB is used to facilitate the assembly of the elastic element on the machine.

🇮🇹 MATERIALI Acciaio.
TRATTAMENTI Verniciatura a forno.
IMPIEGO La staffa SB è utilizzata per facilitare il montaggio dell'elemento elastico sulla macchina.



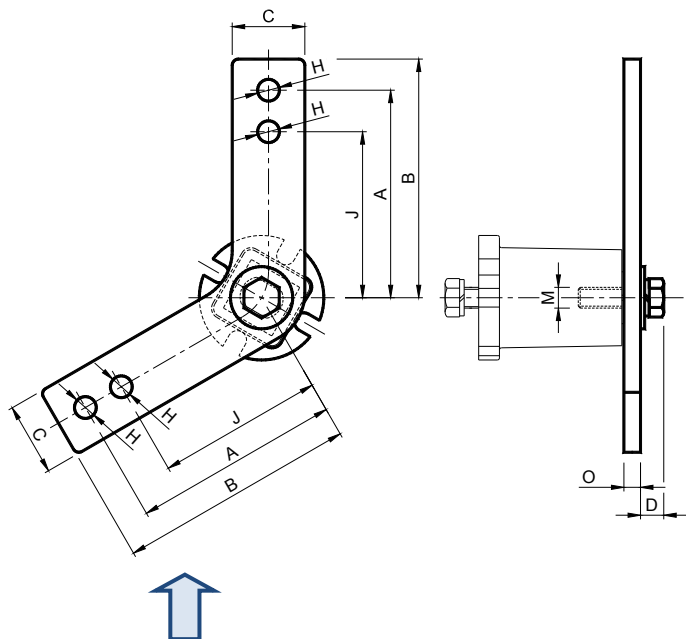
Type Tipo	Cod. N°	A	*		⊙		D	E	F	G	H	M	N	O	R	S	T	Weight Peso [kg]
			Size Taglia	ØB	Size Taglia	ØC												
SB 10	RE020510	30	10	6,5	20	5,5	35	13,0	10	7,0	7,5	45	30	11,5	27	4	46	0,09
SB 20	RE020511	40	20	8,5	30	6,5	44	13,0	12	7,0	7,5	55	32	13,5	34	5	58	0,17
SB 30	RE020512	50	30	10,5	40	8,5	55	15,5	20	9,5	10,0	70	38	16,5	43	6	74	0,29
SB 40	RE020513	65	40	12,5	50	10,5	75	21,5	25	11,5	12,5	90	52	21,0	57	8	98	0,72
SB 50	RE020514	80	50	16,5	60	12,5	85	24,0	35	14,0	15,0	110	55	21,0	66	8	116	0,93
SB 60	RE020515	100	60	20,5	70	12,5	110	30,0	40	18,0	20,0	140	66	26,0	80	10	140	1,82

🇬🇧 * Hole B is used for the fixation of the **CRESA** tensioners.

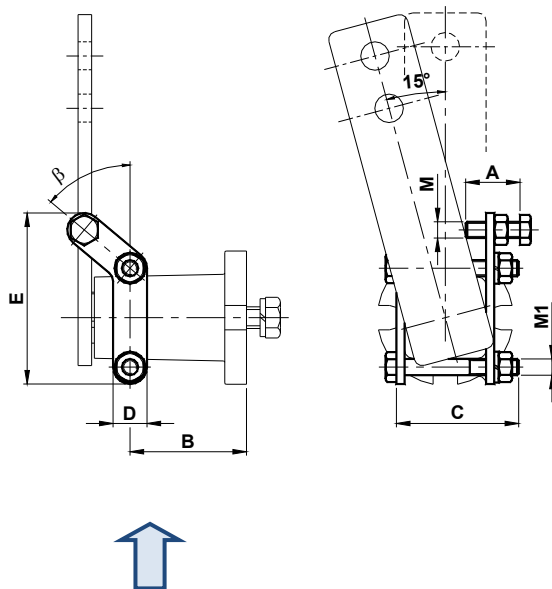
⊙ Holes C are used for the fixation of the **VIB** elastic elements type: AR-P, AC-P, AD-P, TB, CR-P.

🇮🇹 * Il foro B è da utilizzare per il montaggio degli "Elementi tenditori" **CRESA**.

⊙ I fori C sono da utilizzare per il montaggio degli "Elementi Elastici" **VIB** tipo: AR-P, AC-P, AD-P, TB, CR-P.

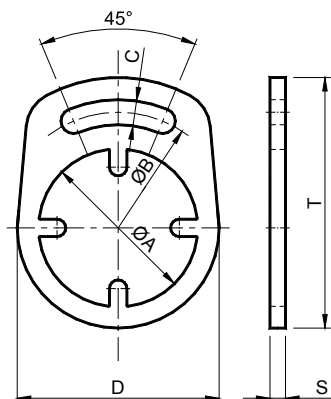
Double arm – Type: **V** / Braccio doppio – Tipo: **V****MATERIALS** Steel.**TREATMENTS** Zinc-plated.**USE** The accessory V is applied on the base elements CEB and CEBP in very long transmission systems because it allows "S" form tensioning.**MATERIALI** Acciaio.**TRATTAMENTI** Zincatura.**IMPIEGO** L'accessorio V va applicato agli elementi base CEB e CEBP nei sistemi di trasmissione molto lunghi in quanto consente il tensionamento ad "S".

Type Tipo	Cod. N°	A	B	C	D	ØH	J	M	O	Weight Peso [kg]
V 30	RE010997	100	115	35	11,2	10,5	80	M10	8	0,51
V 40	RE010998	130	155	50	13,0	12,5	100	M12	10	1,22

Preloading – Type: **PR** / Precarica – Tipo: **PR****MATERIALS** Steel.**TREATMENTS** Zinc-plated.**USE** This product is suitable for realisation of downholders, calibrators and precision shock absorbers.**MATERIALI** Acciaio.**TRATTAMENTI** Zincatura.**IMPIEGO** Questo prodotto è ideale per la realizzazione di gruppi di pressione, calibratori ed ammortizzatori di precisione.

Type Tipo	Cod.N°	β	A	B	C	D	E	M	M1	Weight Peso [kg]
PR 10	RE012470	47,5°	20	34,5	40	12,5	55,8	M6	M6	0,07
PR 20	RE012472	50,0°	20	44,0	45	12,5	63,1	M6	M6	0,07
PR 30	RE012474	45,0°	25	54,2	55	17,0	81,3	M8	M8	0,16
PR 40	RE012476	44,5°	30	75,7	80	16,0	96,5	M10	M8	0,39
PR 50	RE012478	47,0°	45	97,5	100	25,0	142,0	M12	M12	0,76
PR 60	RE012480	42,5°	70	141,0	130	30,0	187,5	M16	M16	1,75
PR 70	RE012482	43,4°	80	144,0	140	40,0	209,7	M20	M16	2,50

Contrast ring – Type: **SAR** / Anello di contrasto – Tipo: **SAR**



🇬🇧 **MATERIALS** Steel.

TREATMENTS Zinc-plated.

USE The SAR anti-rotation accessory is used to prevent the rotation of the body when the rear fixing screw of the tensioner does not guarantee the pressure for a stable anchorage.

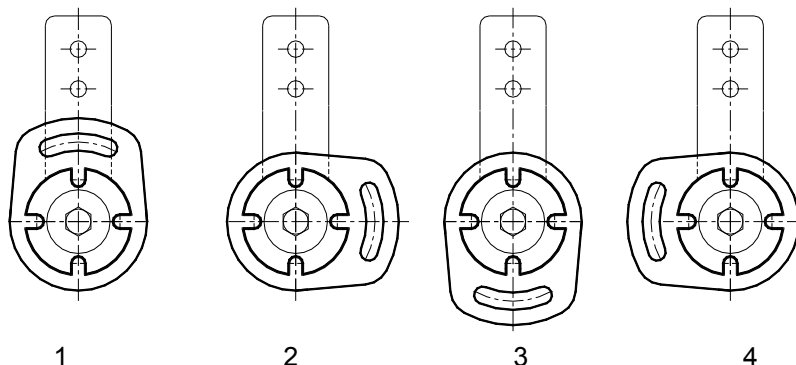
🇮🇹 **MATERIALI** Acciaio.

TRATTAMENTI Zincatura.

IMPIEGO L'accessorio antirotazione SAR è utilizzato per impedire la rotazione del corpo quando la sola vite di fissaggio posteriore del tenditore non garantisce una pressione sufficiente ad un ancoraggio stabile.

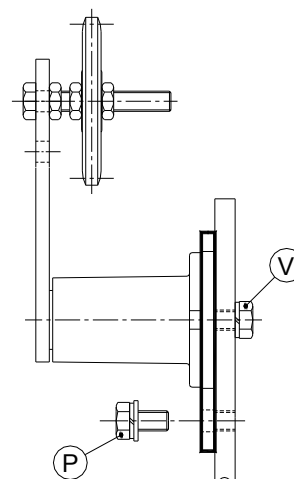
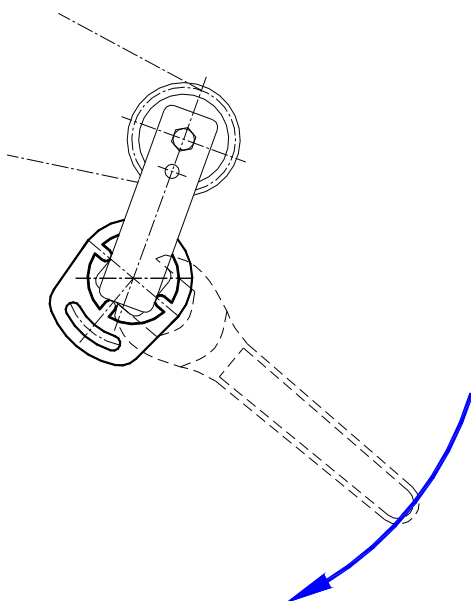


Type Tipo	Cod.N°	A	B	C	D	S	T	Weight Peso [kg]
SAR 30	RE012492	61	45	9	80	6	100	0,25
SAR 40	RE012493	82	60	13	104	8	130	0,35
SAR 50	RE012494	102	75	17	128	10	161	0,65
SAR 60	RE012495	122	90	21	150	12	192	1,60



🇬🇧 The C-RESA SAR anti-rotation systems allow a positioning in 4 different configurations:

🇮🇹 I sistemi antirotazione C-RESA – tipo: SAR permettono un posizionamento in quattro differenti configurazioni:

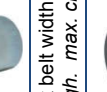


ASSEMBLY INSTRUCTIONS / ISTRUZIONI DI MONTAGGIO

🇬🇧 Fit the tensioner inside the SAR bracket in one of the 4 positions. Preload the tensioner keeping the V screw loose. Once You reach the wanted preloading angle, tighten the V screw with tightening torque shown in the table at page C-29. Fix with P screw.

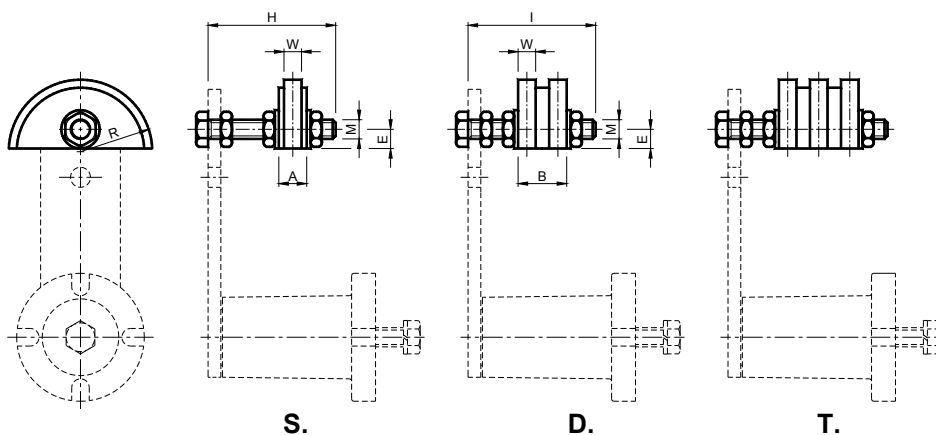
🇮🇹 Il tenditore va inserito all'interno della staffa SAR in una delle quattro posizioni. Pre caricare il tenditore mantenendo con vite V lenta. Una volta raggiunto l'angolo di precarico desiderato, tirare la vite V con coppia di serraggio rappresentata in tabella a pagina C-29. Fissare con la vite P.

**CRESA****CHOOSE TABLE****TECNIDEA CIDUE S.r.l.**

CHAIN – CATENA DIN 8187								Size Taglia	BELT - CINGHIA			
		Type – Tipo							Type - Tipo		Max belt width Largh. max. cinghia	Type Tipo
		 Pag. C-21	 Pag. C-21	 Pag. C-22	 Pag. C-23	 Pag. C-23	 Pag. C-24		 Pag. C-26	 Pag. C-27		 Pag. C-28
ISO	Pitch Passo											
05-B1	8mm	VR 10-0S	OVR 10-0S	RO 10-0S				10	RP 1	RU 1	30	
06-B1	3/8"x 7/32"	VR 10-1S	OVR 10-1S	RO 10-1S				10				
06-B1	3/8"x 7/32"				ZN 20-1S	ZI 20-1S	ZK 20-1S	20				
06-B1	3/8"x 7/32"				ZN 30-1S	ZI 30-1S	ZK 30-1S	30				
08-B1	1/2"x 5/16"	VR 20-2S	OVR 20-2S	RO 20-2S				20	RP 2/3	RU 2/3	40	
08-B1	1/2"x 5/16"	VR 30-2S	OVR 30-2S	RO 30-2S	ZN 30-2S	ZI 30-2S	ZK 30-2S	30	RP 2/3	RU 2/3	40	SPZ
10-B1	5/8"x 3/8"	VR 30-3S	OVR 30-3S	RO 30-3S	ZN 30-3S	ZI 30-3S		30				
10-B1	5/8"x 3/8"				ZN 40-3S	ZI 40-3S	ZK 40-3S	40				SPA
12-B1	3/4"x 7/16"	VR 30-4S	OVR 30-4S	RO 30-4S	ZN 30-4S	ZI 30-4S		30				
12-B1	3/4"x 7/16"	VR 40-4S	OVR 40-4S	RO 40-4S	ZN 40-4S	ZI 40-4S	ZK 40-4S	40	RP 4	RU 4	55	SPB
12-B1	3/4"x 7/16"				ZN 50-4S	ZI 50-4S	ZK 50-4S	50				
16-B1	1"x 17,02mm	VR 40-5S		RO 40-5S	ZN 40-5S	ZI 40-5S		40				
16-B1	1"x 17,02mm				ZN 50-5S	ZI 50-5S	ZK 50-5S	50	RP 5	RU 5	85	
20-B1	1"1/4x 3/4"	VR 50-6S		RO 50-6S				50				
20-B1	1"1/4x 3/4"				ZN 60-6S	ZI 60-6S	ZK 60-6S	60				
24-B1	1"1/2x 1"	VR 50-7S		RO 50-7S				50				
24-B1	1"1/2x 1"				ZN 60-7S	ZI 60-7S	ZK 60-7S	60	RP 6	RU 6	130	
05-B2	8mm	VR 10-0D	OVR 10-0D	RO 10-0D				10				
06-B2	3/8"x 7/32"	VR 10-1D	OVR 10-1D	RO 10-1D				10				
06-B2	3/8"x 7/32"				ZN 20-1D	ZI 20-1D	ZK 20-1D	20				
06-B2	3/8"x 7/32"				ZN 30-1D	ZI 30-1D	ZK 30-1D	30				
08-B2	1/2"x 5/16"	VR 20-2D	OVR 20-2D	RO 20-2D				20				
08-B2	1/2"x 5/16"	VR 30-2D	OVR 30-2D	RO 30-2D	ZN 30-2D	ZI 30-2D	ZK 30-2D	30				SPZ
10-B2	5/8"x 3/8"	VR 30-3D	OVR 30-3D	RO 30-3D	ZN 30-3D	ZI 30-3D		30				
10-B2	5/8"x 3/8"				ZN 40-3D	ZI 40-3D	ZK 40-3D	40				SPA
12-B2	3/4"x 7/16"	VR 30-4D	OVR 30-4D	RO 30-4D				30				
12-B2	3/4"x 7/16"	VR 40-4D	OVR 40-4D	RO 40-4D	ZN 40-4D	ZI 40-4D	ZK 40-4D	40				SPB
12-B2	3/4"x 7/16"				ZN 50-4D	ZI 50-4D	ZK 50-4D	50				
16-B2	1"x 17,02mm	VR 40-5D		RO 40-5D	ZN 40-5D	ZI 40-5D		40				
16-B2	1"x 17,02mm	VR 50-5D		RO 50-5D	ZN 50-5D	ZI 50-5D	ZK 50-5D	50				
20-B2	1"1/4x 3/4"	VR 50-6D		RO 50-6D				50				
20-B2	1"1/4x 3/4"				ZN 60-6D	ZI 60-6D	ZK 60-6D	60/70				
24-B2	1"1/2x 1"	VR 50-7D		RO 50-7D				50				
24-B2	1"1/2x 1"				ZN 60-7D	ZI 60-7D	ZK 60-7D	60/70				
06-B3	3/8"x 7/32"	VR 20-1T		RO 20-1T				20				
06-B3	3/8"x 7/32"				ZN 30-1T	ZI 30-1T	ZK 30-1T	30				SPZ
08-B3	1/2"x 5/16"	VR 30-2T		RO 30-2T				30				
08-B3	1/2"x 5/16"				ZN 40-2T	ZI 40-2T	ZK 40-2T	40				SPA
10-B3	5/8"x 3/8"	VR 40-3T		RO 40-3T	ZN 40-3T	ZI 40-3T	ZK 40-3T	40				
10-B3	5/8"x 3/8"				ZN 50-3T	ZI 50-3T	ZK 50-3T	50				
12-B3	3/4"x 7/16"	VR 40-4T		RO 40-4T	ZN 40-4T	ZI 40-4T		40				
12-B3	3/4"x 7/16"				ZN 50-4T	ZI 50-4T	ZK 50-4T	50				SPB
16-B3	1"x 17,02mm	VR 40-5T		RO 40-5T				40				
16-B3	1"x 17,02mm	VR 50-5T		RO 50-5T	ZN 50-5T	ZI 50-5T		50				
16-B3	1"x 17,02mm				ZN 60-5T	ZI 60-5T	ZK 60-5T	60				
20-B3	1"1/4x 3/4"	VR 50-6T		RO 50-6T				50				
20-B3	1"1/4x 3/4"				ZN 60-6T	ZI 60-6T	ZK 60-6T	60/70				
24-B3	1"1/2x 1"	VR 50-7T		RO 50-7T				50				
24-B3	1"1/2x 1"				ZN 60-7T	ZI 60-7T	ZK 60-7T	60/70				

Blue codes on request / Codici in blu a richiesta

Polyethylene sliding block – Type: **VR** / Pattino in polietilene – Tipo: **VR**



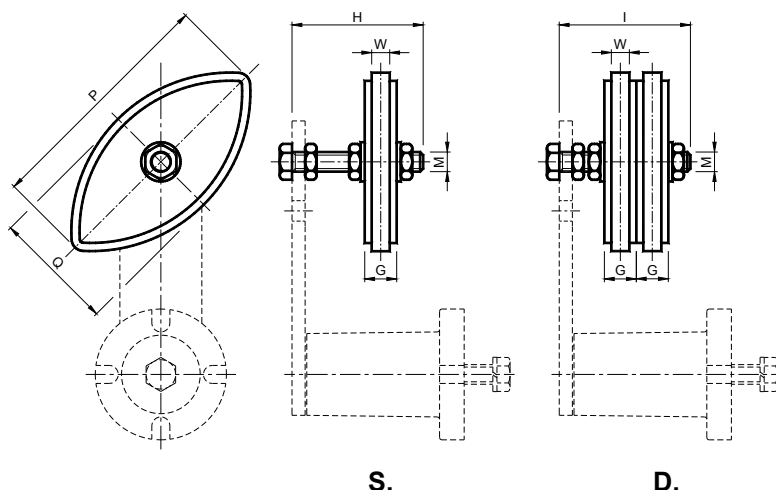
UK MATERIALS High molecular density polyethylene. Bolts and nuts are made of galvanized steel.
USE Semi-circular sliding block suitable for short wheel-base or for installation close to the pinion. Operating speed ≤ 20 m/min. Operating temperature $\leq 70^{\circ}\text{C}$.

IT MATERIALI Polietilene ad alta densità molecolare. Bulloneria in acciaio zincato.
IMPIEGO Profilo semicircolare adatto per piccoli interassi o per montaggi vicini al pignone. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro $\leq 70^{\circ}\text{C}$.

On request
A richiesta

Type Tipo	S Cod.N°	D Cod.N°	Chain Catena	Type Tipo	S Cod.N°	D Cod.N°	Size Taglia	A	B	E	G	H	I	M	P	Q	R	W	Weight Peso [kg]	
																			S.	D.
VR 10-0	RE011110	RE011150	05-B				10	10,0	12,0	10		45	45	M8			35	2,5	0,09	0,10
VR 10-1	RE011111	RE011152	06-B	OVR 10-1	RE011030	RE011040	10	10,0	18,0	10	10,2	45	45	M8	75	40	35	5,0	0,09	0,10
VR 20-1			06-B				20			10				M10			35	5,0		
VR 20-2	RE011113	RE011155	08-B	OVR 20-2	RE011032	RE011042	20	14,0	20,5	10	13,9	55	55	M10	96	50	35	7,0	0,10	0,11
VR 30-2	RE011114	RE011156	08-B	OVR 30-2	RE011032	RE011044	30	14,0	20,5	10	13,9	55	60	M10	96	50	35	7,0	0,11	0,12
VR 30-3	RE011117	RE011160	10-B	OVR 30-3	RE011034	RE011046	30	16,5	25,0	12	16,6	55	70	M10	126	65	45	9,0	0,12	0,14
VR 40-3			10-B				40			12				M12			45	9,0		
VR 30-4	RE011120	RE011163	12-B	OVR 30-4	RE011036	RE011048	30	17,5	30,0	12	19,5	60	70	M10	148	74	45	11,0	0,13	0,15
VR 40-4	RE011121	RE011164	12-B	OVR 40-4	RE011038	RE011050	40	17,5	30,0	12	19,5	80	80	M12	148	74	45	11,0	0,20	0,22
VR 40-5	RE011124	RE011167	16-B				50	18,0	47,0	20		80	90	M12			55	16,0	0,22	0,31
VR 50-5		RE011168	16-B				50		47,0	20			100	M20			55	16,0		0,68
VR 50-6	RE011128	RE011172	20-B				50	20,0	54,0	20		100	120	M20			55	18,0	0,59	0,74
VR 50-7	RE011134	RE011176	24-B				50	24,0	72,0	20		100	120	M20			55	24,0	0,61	0,77

Polyethylene sliding block – Type: **OVR**
Pattino in polietilene – Tipo: **OVR**



UK MATERIALS High molecular density polyethylene. Bolts and nuts are made of galvanized steel.
USE Semi-circular sliding block suitable for middle-size and large distances between centres. Operating speed ≤ 20 m/min. Sliding block operating temperature $\leq 70^{\circ}\text{C}$.

IT MATERIALI Polietilene ad alta densità molecolare. Bulloneria in acciaio zincato.
IMPIEGO Profilo semicircolare adatto per medi e grandi interassi. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro $\leq 70^{\circ}\text{C}$.



Polyethylene wheel set – Type: RO / Rotella in polietilene – Tipo: RO



MATERIALS High molecular density polyethylene. Bush, bolts and nuts are made of galvanized steel.

USE Idle wheel on the bush.

Operating speed ≤ 30 m/min.

Operating temperature $\leq 70^\circ\text{C}$.

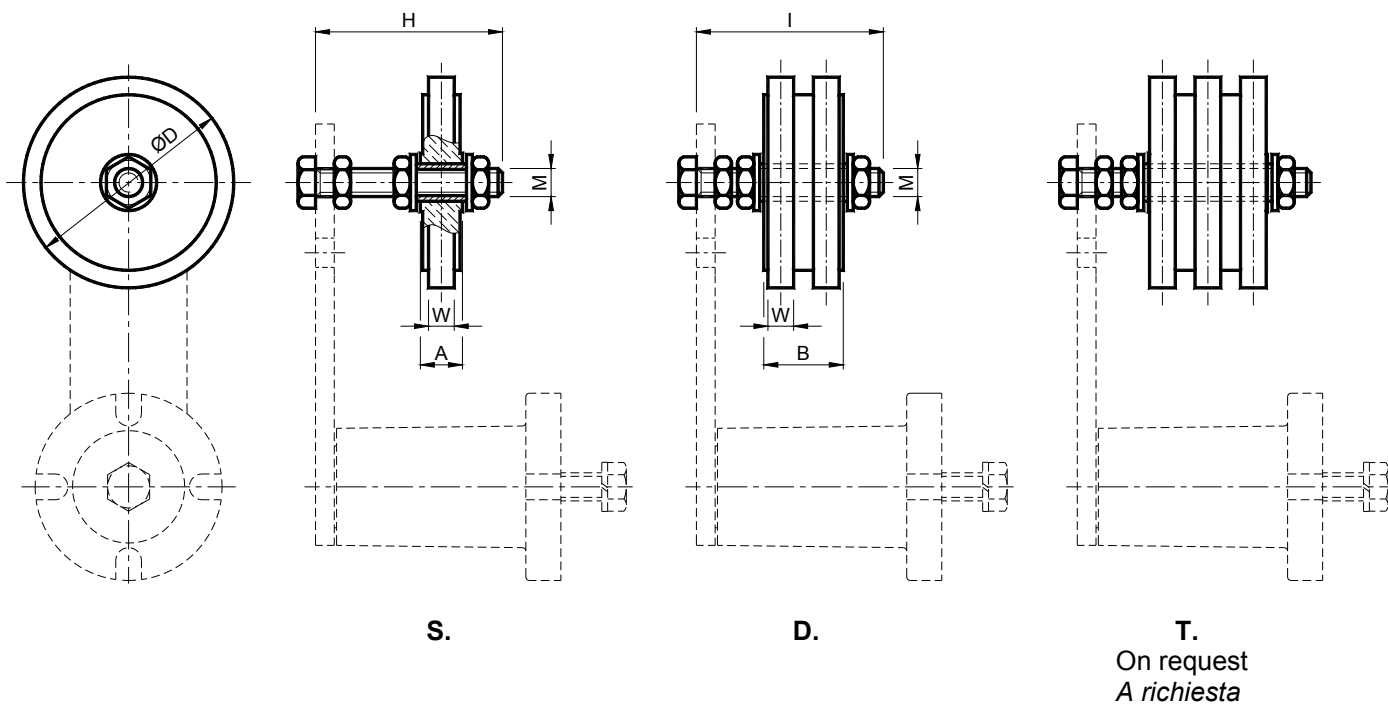
MATERIALI Polietilene ad alta densità molecolare. Bussola e bulloneria in acciaio zincato.

IMPIEGO Rotella folle sulla bussola.

Velocità di lavoro ≤ 30 m/min.

Temperatura di lavoro $\leq 70^\circ\text{C}$.

Type Tipo	S Cod.N°	D Cod.N°	Chain Catena	Size Taglia	A	B	ØD	H	I	M	W	Weight Peso [kg]	
												S.	D.
RO 10-0	RE011350	RE011388	05-B	10	18	18	70	45	45	M 8	2,5	0,14	0,15
RO 10-1	RE011351	RE011389	06-B	10	18	18	70	45	50	M 8	5,0	0,14	0,15
RO 20-2	RE011353	RE011392	08-B	20	18	36	70	55	55	M10	7,0	0,15	0,20
RO 30-2	RE011354	RE011393	08-B	30	18	36	70	55	60	M10	7,0	0,16	0,22
RO 30-3	RE011357	RE011397	10-B	30	18	36	90	55	70	M10	9,0	0,19	0,28
RO 30-4	RE011360	RE011400	12-B	30	18	36	90	55	70	M10	11,0	0,19	0,29
RO 40-4	RE011361	RE011401	12-B	40	18	36	90	80	80	M12	11,0	0,25	0,35
RO 40-5	RE011364	RE011404	16-B	40	18	49	110	80	90	M12	16,0	0,32	0,56
RO 50-6	RE011369	RE011409	20-B	50	19	57	110	100	120	M20	18,0	0,57	0,83
RO 50-7	RE011373	RE011413	24-B	50	26	75	110	100	120	M20	24,0	0,63	1,00



Idler sprocket (with national bearing) – Type: **ZN**

Pignone tendicatena (con cuscinetto nazionale) – Tipo: ZN

Idler sprocket (with INA bearing) – Type: **ZI**

Pignone tendicatena (con cuscinetto INA) – Tipo: ZI



MATERIALI Crown, bearing, bolts and nuts are made of steel.

TREATMENTS Galvanization.

USE The pinion consists of a steel crown, installed on enlarged national (ZN) or INA (ZI) bearings.

Operating speed ≤ 60 m/min.

Operating temperature $\leq 100^{\circ}\text{C}$.

MATERIALI Corona, cuscinetto e vite in acciaio.

TRATTAMENTI Zincatura.

IMPIEGO Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata nazionali (ZN) o INA (ZI).

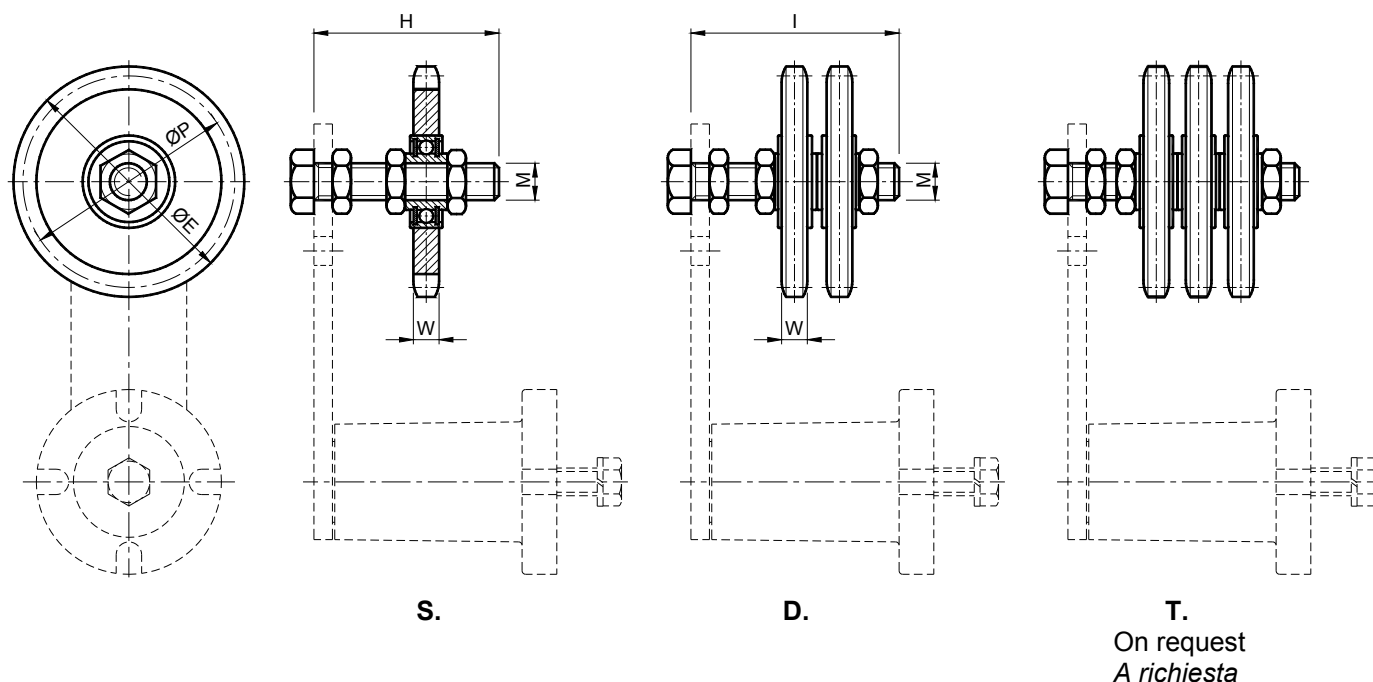
Velocità di lavoro ≤ 60 m/min.

Temperatura di lavoro $\leq 100^{\circ}\text{C}$.

ZN: Sprocket wheelset (with national bearing) ZN: Pignone tendicatena (con cuscinetto nazionale)				ZI: Sprocket wheelset (with INA bearing) ZI: Pignone tendicatena (con cuscinetto INA)			Size Taglia								
Type Tipo	S Cod.N°	D Cod.N°	Chain Catena	Type Tipo	S Cod.N°	D Cod.N°		ØE	H	M	ØP	Z	W	Weight Peso [kg]	
														S.	D.
ZN 20-1	RE011470	RE011507	05-B	ZI 20-1	RE011580	RE011618	20	68,0	55	M16	63,90	21	5,3	0,29	0,41
ZN 30-1	RE011471	RE011508	06-B	ZI 30-1	RE011581	RE011619	30	68,0	55	M16	63,90	21	5,3	0,29	0,42
ZN 30-2	RE011474	RE011511	08-B	ZI 30-2	RE011584	RE011622	30	77,8	55	M16	73,14	18	7,2	0,39	0,62
ZN 30-3	RE011477	RE011514	10-B	ZI 30-3	RE011587	RE011625	30	93,0	60	M16	86,39	17	9,1	0,54	0,91
ZN 40-3	RE011478	RE011515	10-B	ZI 40-3	RE011588	RE011626	40	93,0	80	M16	86,39	17	9,1	0,57	0,94
ZN 40-4	RE011481	RE011518	12-B	ZI 40-4	RE011591	RE011629	40	99,8	80	M16	91,63	15	11,1	0,69	1,18
ZN 50-4	RE011482	RE011519	12-B	ZI 50-4	RE011592	RE011630	50	99,8	80	M16	91,63	15	11,1	0,70	1,20
ZN 40-5	RE011485	RE011521	16-B	ZI 40-5	RE011596	RE011632	40	109,0	80	M20	98,14	12	16,2	1,05	1,83
ZN 50-5	RE011486	RE011522	16-B	ZI 50-5	RE011597	RE011633	50	109,0	100	M20	98,14	12	16,2	1,09	1,87
ZN 60-6	RE011490	RE011527	20-B	ZI 60-6	RE011601	RE011638	60/70	147,8	100	M20	132,65	13	18,5	2,19	4,11
ZN 60-7	RE011494	RE011531	24-B	ZI 60-7	RE011605	RE011677	60/70	150,0	140	M20	135,21	11	24,1	2,37	4,31

The customer must widen the hole on the elastic element where necessary

Sarà a cura del cliente allargare il foro sull'elemento elastico dove necessario



Idler sprocket with ballbearing – Type: **ZK** / *Pignone tendicatena con cuscinetto – Tipo: ZK*

MATERIALS Crown, bearing, bolts and nuts are made of steel.

TREATMENTS Galvanization.

USE The pinion consists of a steel crown, installed on bearings.

Operating speed ≤ 60 m/min.

Operating temperature $\leq 100^{\circ}\text{C}$.

MATERIALI Corona, cuscinetto e bulloneria in acciaio.

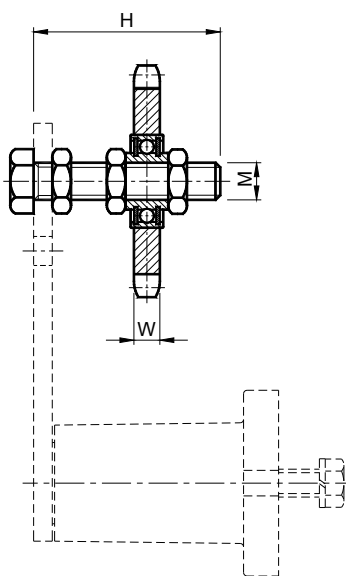
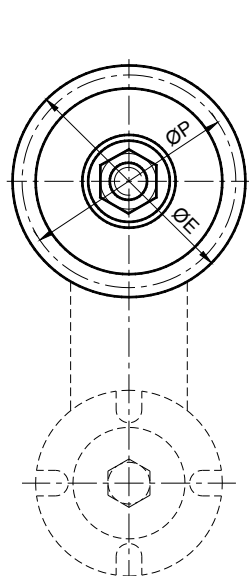
TRATTAMENTI Zincatura.

IMPIEGO Il pignone è costituito da una corona in acciaio, montata su cuscinetti unificati.

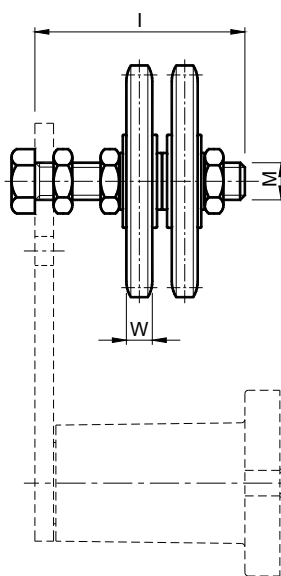
Velocità di lavoro ≤ 60 m/min.

Temperatura di lavoro $\leq 100^{\circ}\text{C}$.

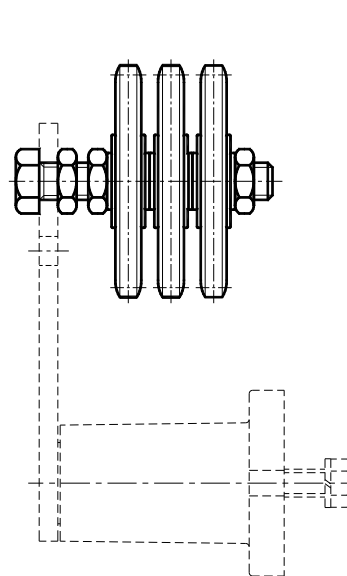
Type Tipo	S Cod.N°	D Cod.N°	T Cod.N°	Chain Catena	Size Taglia	A	ØE	H	I	L	M	ØP	W	Z	Weight Peso [kg]		
															S.	D.	T.
ZK 20-1	RE011690	RE011727		06-B	20	9	49,3	55	55		M10	45,81	5,3	15	0,13	0,23	
ZK 30-1	RE011691	RE011728	RE011764	06-B	30	9	49,3	55	60	70	M10	45,81	5,3	15	0,13	0,23	0,26
ZK 30-2	RE011694	RE011731		08-B	30	9	65,5	55	60		M10	61,09	7,2	15	0,21	0,37	
ZK 40-2	RE011695	RE011732	RE011768	08-B	40	12	65,5	80	80	80	M12	61,09	7,2	15			0,51
ZK 40-3	RE011698	RE011735	RE011771	10-B	40	12	83,0	80	80	80	M12	76,36	9,1	15	0,38	0,60	0,96
ZK 50-3			RE011772	10-B	50	15	83,0			120	M20	76,36	9,1	15			1,26
ZK 40-4	RE011701	RE011738		12-B	40	12	99,8	80	80		M12	91,63	11,1	15	0,56	1,00	
ZK 50-4	RE011702	RE011739	RE011776	12-B	50	15	99,8	100	120	120	M20	91,63	11,1	15	0,81	1,35	1,60
ZK 50-5	RE011706	RE011743		16-B	50	15	117,0	100	120		M20	106,12	16,2	13	1,23	2,10	
ZK 60-5			RE011780	16-B	60	15	117,0			160	M20	106,12	16,2	13			2,92
ZK 60-6	RE011710	RE011747	RE011784	20-B	60/70	15	147,8	100	140	160	M20	132,65	18,5	13	2,28	3,60	5,20
ZK 60-7	RE011714	RE011751	RE011788	24-B	60/70	15	150,0	140	140	180	M20	135,21	24,1	11	2,33	4,20	6,10



S.



D.



T.

Idler sprocket with ballbearing – Type: **K** / *Pignone tendicatena con cuscinetto* – Tipo: **K**



MATERIALS Crown, bearing, bolts and nuts are made of steel.

TREATMENTS Galvanization.

USE The pinion consists of a steel crown, installed on bearings.

Operating speed $\leq 60\text{m/min}$.

Operating temperature $\leq 100^{\circ}\text{C}$

MATERIALI Corona, cuscinetto e bulloneria in acciaio.

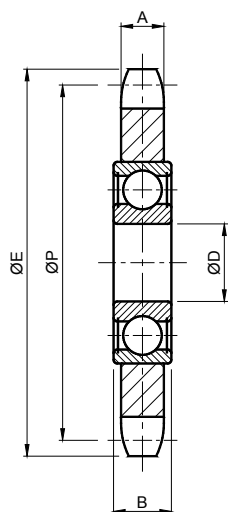
TRATTAMENTI Zincatura.

IMPIEGO Il pignone è costituito da una corona in acciaio, montata su cuscinetti unificati.

Velocità di lavoro $\leq 60\text{ m/min}$.

Temperatura di lavoro $\leq 100^{\circ}\text{C}$.

Type Tipo	Cod.N°	Chain Catena	Z	ØE	ØP	A	B	ØD	Weight Peso [kg]
K Z15 3/8"-10	RE001510	06-B1	15	49,3	45,81	5,3	9	10	0,059
K Z15 1/2"-10	RE001514	08-B1	15	65,5	61,09	7,2	9	10	0,132
K Z15 1/2"-12	RE001516	08-B1	15	65,5	61,09	7,2	12	12	0,139
K Z15 5/8"-12	RE001520	10-B1	15	83,0	76,36	9,1	12	12	0,260
K Z15 5/8"-20	RE001522	10-B1	15	83,0	76,36	9,1	15	20	0,275
K Z15 3/4"-12	RE001526	12-B1	15	99,8	91,63	11,1	12	12	0,468
K Z15 3/4"-20	RE001528	12-B1	15	99,8	91,63	11,1	15	20	0,463
K Z13 1"-20	RE001532	16-B1	13	117,0	106,12	16,2	15	20	0,853
K Z13 1"1/4-20	RE001536	20-B1	13	147,8	132,65	18,5	15	20	1,622
K Z11 1"1/2-20	RE001540	24-B1	11	150,0	135,21	24,1	15	20	1,974



Polyamid Roller– Type: **RP** / *Rullo in poliammide – Tipo: RP*

MATERIALS Roller made of black polyamide PA6+MoS. Bearings and spacers are made of steel.

TREATMENTS Galvanization on metal parts. The roller is turned 1.6. Greased bearings.

USE Belt tensioner roller.

Roller operating temperature $\leq 70^{\circ}\text{C}$.

MATERIALI Rullo in poliammide PA6+MoS nero, cuscinetti e distanziali in acciaio.

TRATTAMENTI Zincatura su particolari metallici.

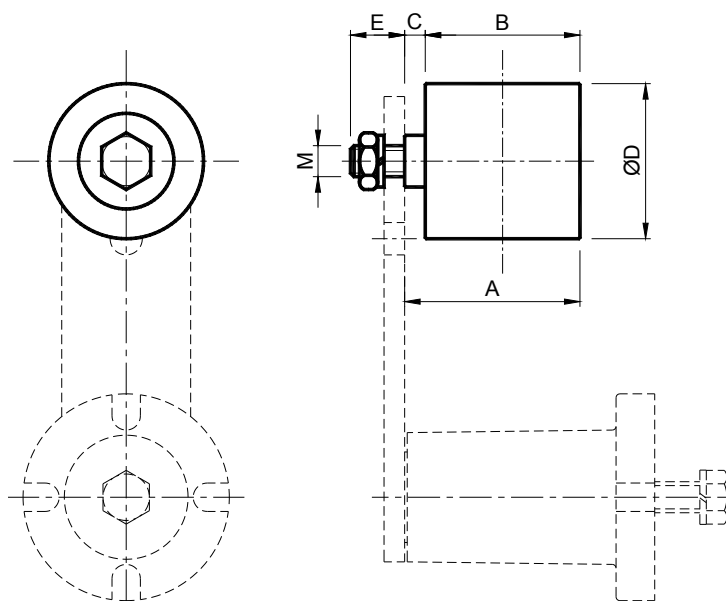
Rullo tornito 1.6. Cuscinetti lubrificati.

IMPIEGO Rullo per tendicinghia.

Temperatura di lavoro dei rulli $\leq 70^{\circ}\text{C}$.

Type Tipo	Cod. N°	Size Taglia	A	B	C	ØD	E	M	Max. speed Velocità max. [rpm]	Weight Peso [kg]
RP 1	RE011090	10	38	35	3	30	13	M 8	8000	0,08
RP 2/3	RE011092	20-30	51	45	6	40	16	M10	8000	0,18
RP 4	RE011094	40	68	60	8	60	21	M12	6000	0,40
RP 5	RE011096	50	99	90	9	80	28	M20	5000	1,20
RP 6	RE011098	60	142	135	7	90	27	M20	4500	1,70

The rpm indicated in the table is approximate. The application must be considered according to the use, the service factor and working conditions.
Il numero di giri descritto in tabella è indicativo. L'applicazione va valutata in base al tipo d'impiego, il fattore di servizio e le condizioni di lavoro.



Galvanized steel Roller – Type: **RU** / *Rullo in acciaio zincato – Tipo: RU*



UK MATERIALS Roller, bearings and spacers are made of steel.
TREATMENTS Galvanization on metal parts. Greased bearings.
USE Belt tensioner roller.
 Rollers operating temperature $\leq 100^{\circ}\text{C}$.

IT MATERIALI Rullo, cuscinetti e distanziali in acciaio.
TRATTAMENTI Particolari metallici in acciaio zincato. Cuscinetti lubrificati.
IMPIEGO Rullo per tendicinghia.
 Temperatura di lavoro dei rulli $\leq 100^{\circ}\text{C}$.

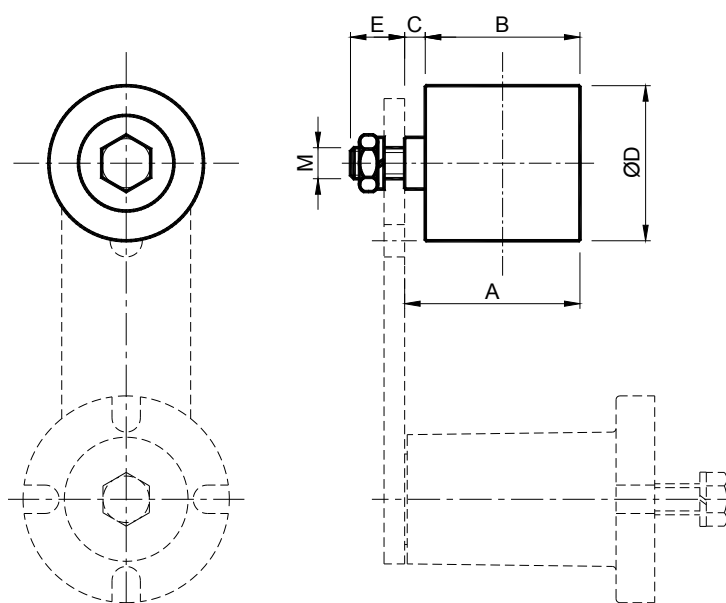
Type Tipo	Cod. N°	Size Taglia	A	B	C	ØD	E	M	Max. speed Velocità max. [rpm]	Weight Peso [kg]
RU 1	AR070870	10	38	35	3	30	13	M 8	15000	0,16
RU 2/3	AR070872	20-30	51	45	6	40	16	M10	12000	0,37
RU 4*	AR070874	40	68	60	8	60	21	M16	9500	0,85
RU 5	AR070876	50	99	90	9	80	28	M20	6500	2,09
RU 6	AR070878	60	142	135	7	90	27	M20	6500	2,44

The rpm indicated in the table is approximate. The application must be considered according to the use, the service factor and working conditions.

* The customer must widen the hole on the elastic element where necessary.

Il numero di giri descritto in tabella è indicativo. L'applicazione va valutata in base al tipo d'impiego, il fattore di servizio e le condizioni di lavoro.

* Sarà a cura del cliente allargare il foro sull'elemento elastico dove necessario.



Pulley – Type: **SP (Z-A-B)** / Puleggia – Tipo: **SP (Z-A-B)**

UK MATERIALS Cast iron pulley. Spacers, bearings, bolts and nuts are made of steel.

TREATMENTS Galvanization on steel parts. Burnished or painted pulley. Greased bearings.

USE Pulley for V-belts tensioning. Roller operating temperature $\leq 100^{\circ}\text{C}$.

ITALI MATERIALI Puleggia in ghisa. Distanziali cuscinetti e bulloneria in acciaio.

TRATTAMENTI Zincatura su particolari in metallo. Puleggia brunita o verniciata. Cuscinetti lubrificati.

IMPIEGO Puleggia per il tensionamento di cinghie trapezoidali. Temperatura di lavoro dei rulli $\leq 100^{\circ}\text{C}$.

Type Tipo	S Cod. N°	D Cod. N°	T Cod. N°	Belt Cinghia	Size Taglia	A	B	C	ØE	H	I	L	M	ØP	W	Weight Peso [kg]		
																S.	D.	T.
SP 30-Z	RE011800	RE011802	RE011804	SPZ	30	24	35	40	67,0	55	60	70	M10	63	12	0,40	0,70	1,10
SP 40-A	RE011806	RE011808	RE011810	SPA	40	34	49	50	95,6	80	80	80	M12	90	15	1,00	1,70	1,80
SP 40-B	RE011812	RE011814		SPB	40	41	60		132,0	80	90		M12	125	19	1,90	2,80	
SP 50-B			RE011816	SPB	50			63	132,0			120	M20	125	19			3,50

On request we can supply the pulley with the pin welded on the lever / A richiesta possiamo fornire la puleggia con il perno saldato alla leva

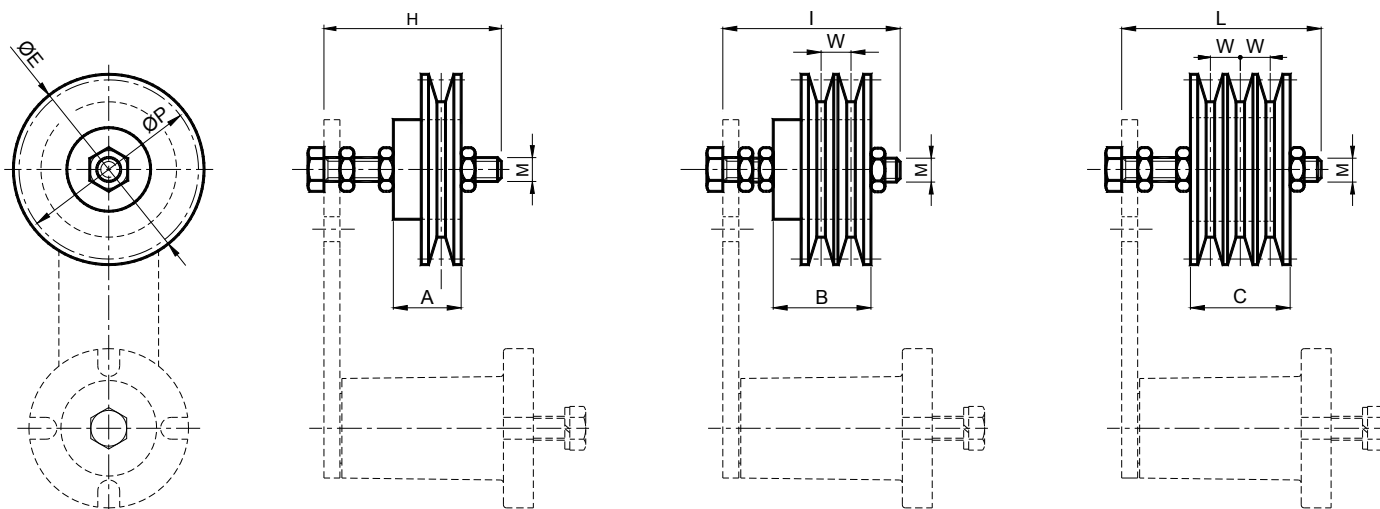
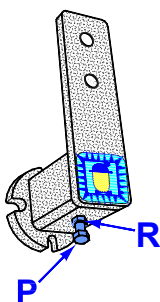
**ASSEMBLY INSTRUCTIONS / ISTRUZIONI DI MONTAGGIO****Tensioning elements with preloading screw – Elementi tenditori con vite di precarica**

Fig.1

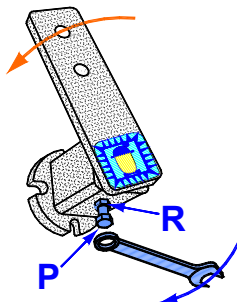


Fig.2

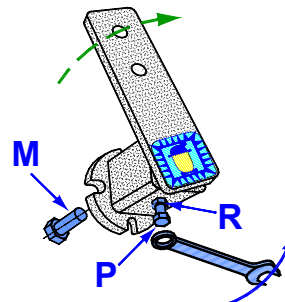
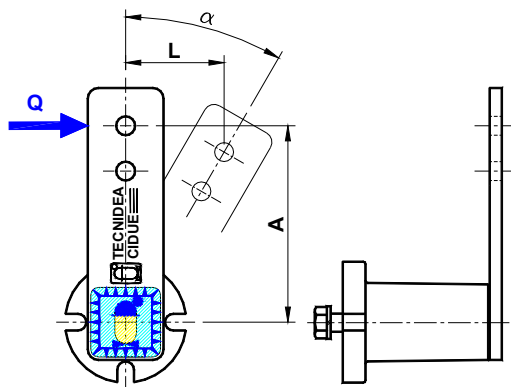


Fig.3

UK Tensioner is supplied as shown in figure 1; with **P** screw and **R** nut loosened, preload the tensioner on work table and tight **P** screw with a wrench until it stops, then fix also **R** nut (figure 2). The tensioner will remain in the position. Mount the tensioner on the machine and after fixing it with **M** screw, loosen **R** nut and **P** screw (figure 3).

ITALI Il tenditore viene fornito come in figura 1; con la vite **P** e il dado **R** allentanti, precaricare a banco il tenditore ed avvitare con una chiave la vite **P** fino al riscontro, poi fissare il dado **R** (figura 2). Il tenditore rimarrà bloccato nella posizione. Montare il tenditore sulla macchina e dopo averlo fissato con la vite **M**, allentare il dado **R** e la vite **P** (figura 3).

ASSEMBLY INSTRUCTIONS / ISTRUZIONI DI MONTAGGIO



Type Tipo	Torque Mt in Nm Coppia di serraggio Mt in Nm							Screw quality Qualità vite
	Size / Taglia							
	10	20	30	40	50	60	70	
RE	10	25	49	89	210	410	750	8.8
FE	7	17	41	83	145	355	690	8.8

Tippe Tipo 	Preloading angle $\alpha \leq 10^\circ$ Angolo di precarica $\alpha \leq 10^\circ$		Preloading angle $\alpha \leq 20^\circ$ Angolo di precarica $\alpha \leq 20^\circ$		Preloading angle $\alpha \leq 30^\circ$ Angolo di precarica $\alpha \leq 3^\circ 0$		Tippe Tipo 
	A Arm / Braccio A		A Arm / Braccio A		A Arm / Braccio A		
	Q [N]	L [mm]	Q [N]	L [mm]	Q [N]	L [mm]	
RE 10	15	14	40	28	85	40	FE 10
RE 20	25	17	65	34	136	50	FE 20
RE 30	75	17	180	34	340	50	FE 30
RE 40	150	22	380	44	790	65	FE 40
RE 50	290	30	730	60	1600	87	FE 50
RE 60	500	39	1300	78	2550	112	FE 60
RE 70	600	43	1700	86	4000	125	FE 70

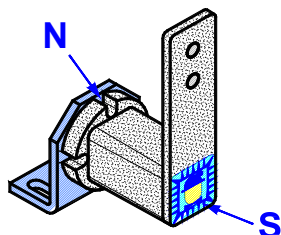


Fig.1

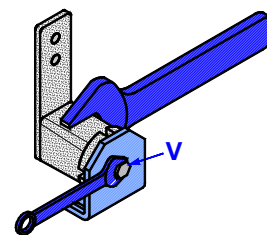


Fig.2

🇬🇧 The label **S**, positioned on elastic tensioner, helps the identification the preloading angle. The hole **N** is used to fix the body, in order to create a stronger fixing of the element itself.

🇮🇹 L'etichetta **S**, posta sull'elemento elastico, aiuta ad individuare l'angolo di precarica. La nicchia **N** viene utilizzata per fissare il corpo, rendendo così più sicuro l'ancoraggio dell'elemento stesso.

🇬🇧 In order to preload the tensioner, you only have to loosen the screw **V** and rotate the wrench on the body until You reach the desired angle. Lock again the **V** screw, with Mt fixing torque.

🇮🇹 Per precaricare il tenditore è sufficiente allentare la vite **V** e ruotare la chiave posta sul corpo, fino a raggiungere l'angolo voluto. Bloccare nuovamente la vite **V**, con coppia di serraggio Mt.

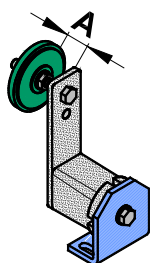


Fig.3

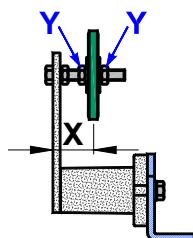


Fig.4

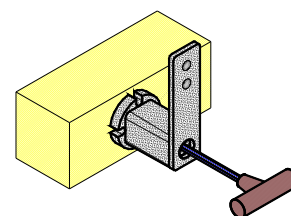


Fig.5

🇬🇧 When you need to mount the KIT externally, **A** measure must be reduced and the force **Q** must be 50% lower than the one indicated in the table.

🇮🇹 Quando è necessario il montaggio del KIT verso l'esterno, la quota **A** deve essere ridotta, e la forza **Q** deve essere inferiore del 50% di quella indicata in tabella.

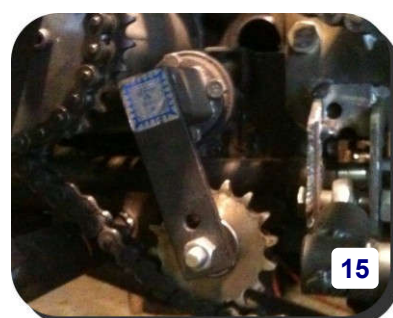
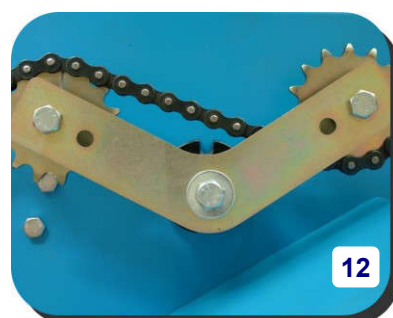
🇬🇧 The KITS sliding block, roller, idler sprocket can be easily assembled at the dimension **X** through the two nuts **Y**.

🇮🇹 I KIT pattino, rotella, ingranaggio, possono essere posizionati facilmente alla quota **X** mediante i due dadi **Y**.

🇬🇧 Front assembly with FE elements.

🇮🇹 Montaggio frontale con elementi FE.

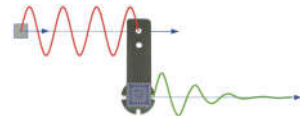
APPLICATION EXAMPLES / ESEMPI DI APPLICAZIONE



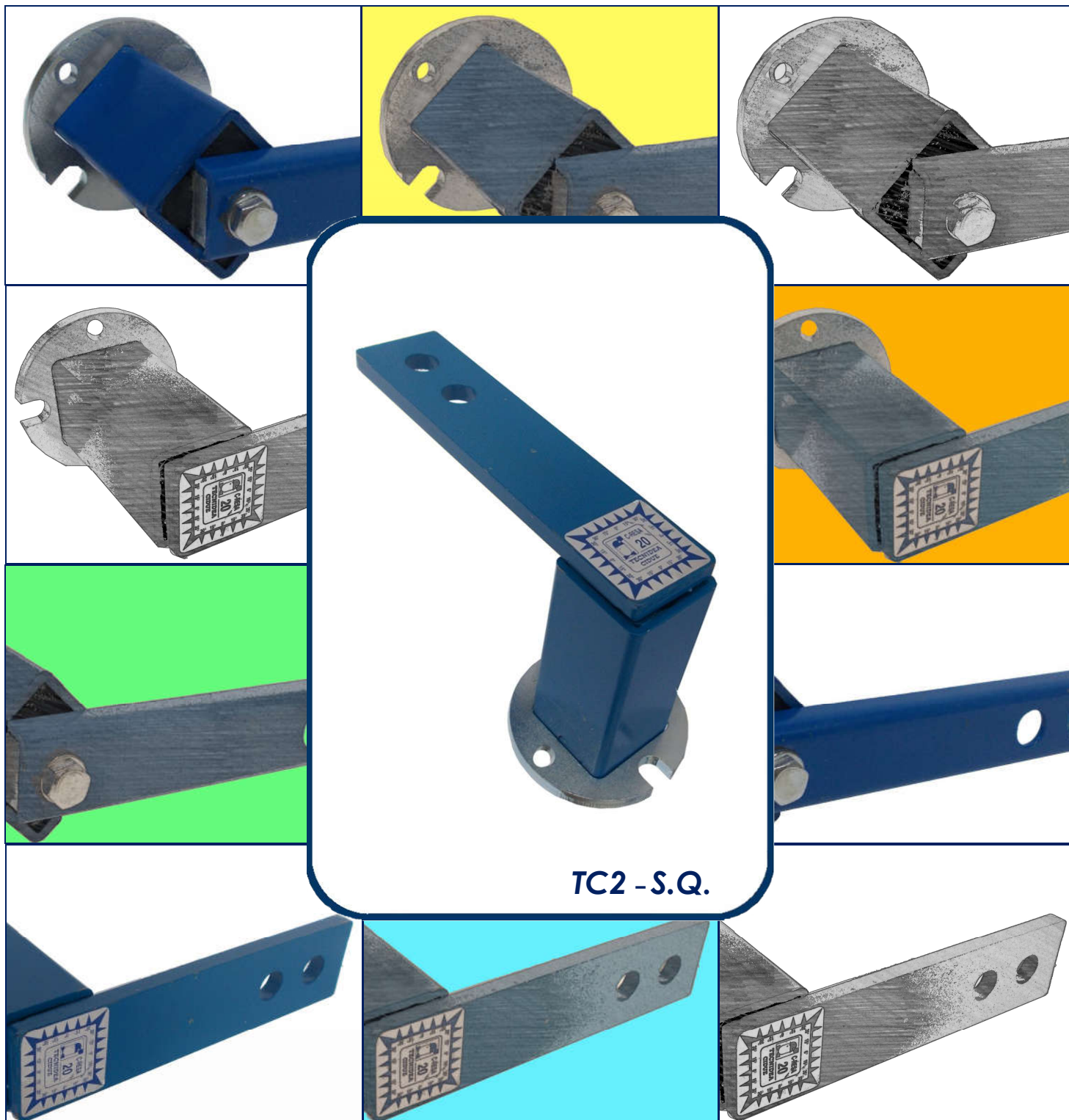
TC2



CRESA ECO[®]



PATENTED TENSIONER UNITS



TC2 - S.Q.



GB



I

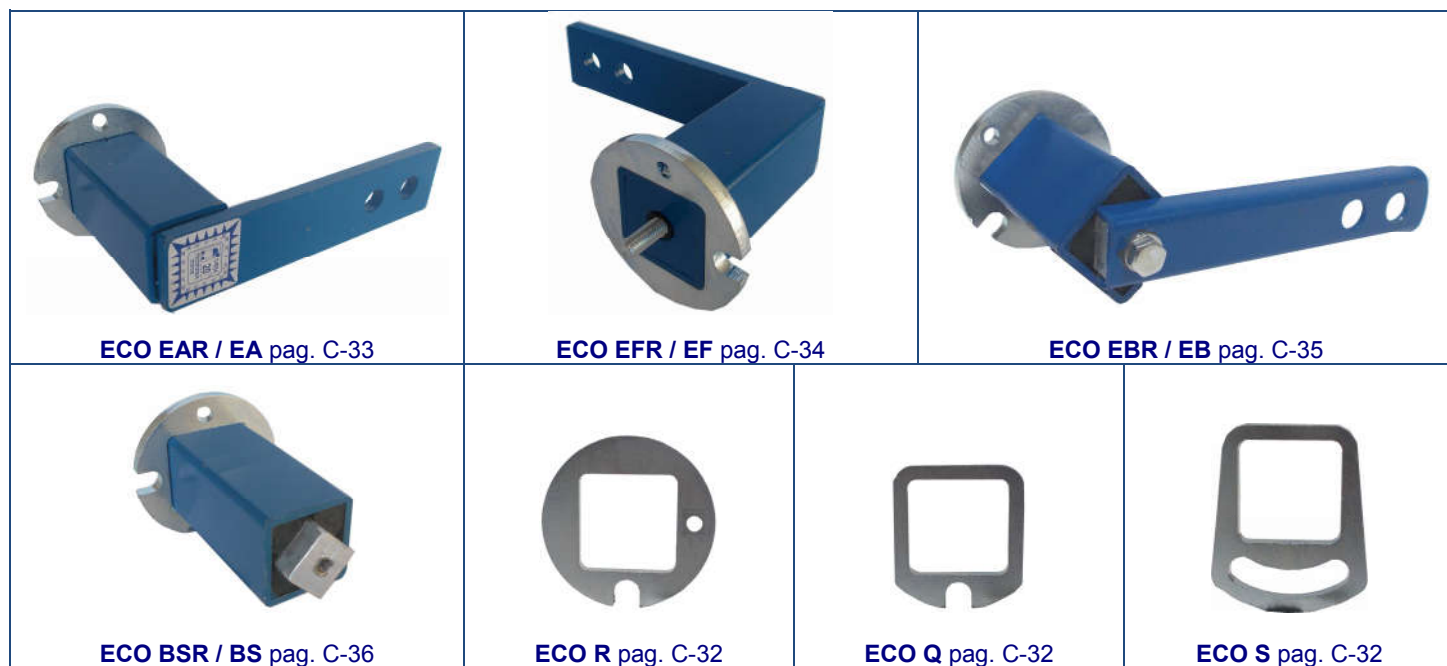


TECNIDEA CIDUE S.r.l.





PRODUCTION RANGE: / PANORAMICA PRODOTTI:

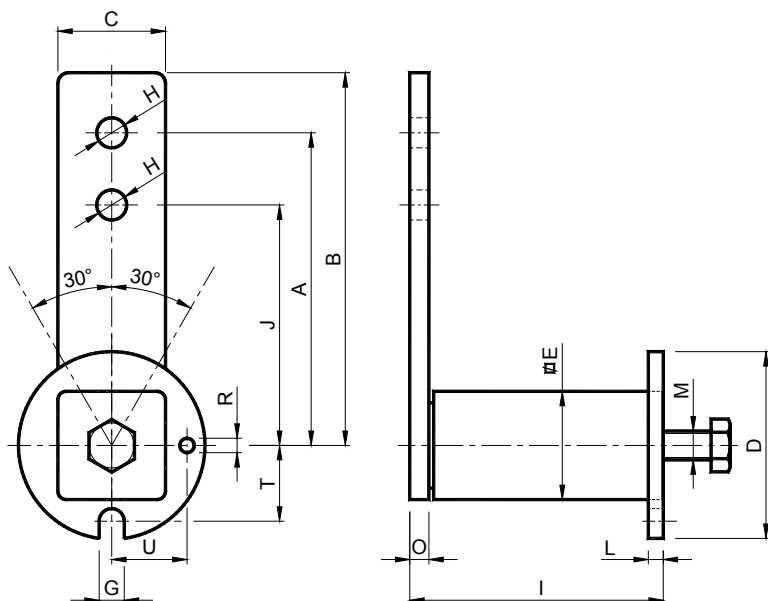


Accessories: Contrast ring / Accessori: Anello di contrasto

	Type Tipo	Cod. N°	D	E	G	L	R	T	U	Weight Peso [kg]
	R 10	RE014401	35,0	20	8,0	3	5	15,5	14,0	0,02
	R 20	RE014402	45,0	27	8,5	4	5	20,5	18,0	0,03
	R 30	RE014403	58,0	32	8,5	5	6	23,5	23,5	0,06
	R 40	RE014404	78,0	45	10,5	8	6	31,5	31,5	0,10
	R 50	RE014405	95,0	60	12,5	10	6	41,5	41,5	0,13
	R 60	RE014406	115,0	75	12,5	12	6	50,0	50,0	0,18
	R 70	RE014407	130,0	80	17,0	12	10	56,0	56,0	0,26
	Q 10	RE014411	26,5	20	8,0	3		15,5		0,01
	Q 20	RE014412	35,5	27	8,5	4		20,5		0,02
	Q 30	RE014413	42,5	32	8,5	5		23,5		0,03
	Q 40	RE014414	55,5	45	10,5	8		31,5		0,06
	Q 50	RE014415	72,5	60	12,5	10		41,5		0,08
	Q 60	RE014416	89,5	75	12,5	12		50,0		0,11
	Q 70	RE014417	106,5	80	17,0	12		56,0		0,15
	S 10	RE014421	37,0	20	8,5	3		22,0		0,02
	S 20	RE014422	40,0	27	8,5	4		25,0		0,03
	S 30	RE014423	51,0	32	8,5	5		30,0		0,05
	S 40	RE014424	64,0	45	10,5	8		40,0		0,08
	S 50	RE014425	87,0	60	12,5	10		50,0		0,11
	S 60	RE014426	104,0	75	12,5	12		58,0		0,16
	S 70	RE014427	126,0	80	17,0	12		71,0		0,21

MATERIALS Steel.
TREATMENTS Galvanization.
USE Antirotation clamp.

MATERIALI Acciaio.
TRATTAMENTI Zincatura elettrolitica.
IMPIEGO Piastrina antirotazione.

Tensioning elements – Type: **ECO EAR** / *Elementi tenditori – Tipo: ECO EAR*

MATERIALS Steel.

TREATMENTS Tensioner: oven-painted. Ring: zinc plated.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio.

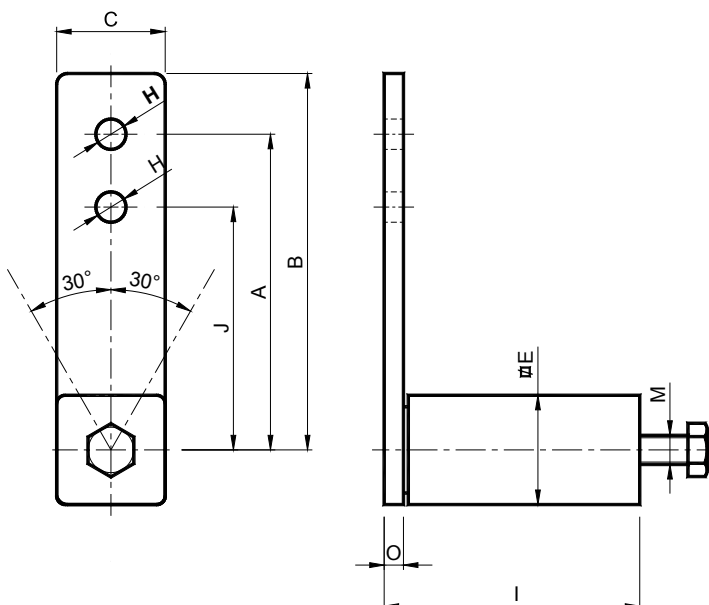
TRATTAMENTI Verniciatura a forno.

IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.

Type Tipo	Cod. N°	A	B	C	D	E	G	ØH	I	J	L	M	O	R	T	U	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
EAR 10	RE014010	80	90	20	35	20	8,0	8,5	50,5 ^{+1.5/-0.5}	60	3	M6	5	5	15,5	14,0	0÷ 90	0÷ 120	0,17	EA 10	RE014011
EAR 20	RE014020	100	112	27	45	27	8,5	10,5	62,5 ^{+1.5/-0.5}	80	4	M8	5	5	20,5	18,0	0÷ 140	0÷ 175	0,31	EA 20	RE014021
EAR 30	RE014030	100	115	32	58	32	8,5	10,5	77,0 ^{+1.5/-0.5}	80	5	M10	6	6	23,5	23,5	0÷ 380	0÷ 475	0,50	EA 30	RE014031
EAR 40	RE014040	130	155	45	78	45	10,5	12,5	106,0 ^{+2.0/-1.0}	100	8	M12	8	6	31,5	31,5	0÷ 860	0÷1118	1,20	EA 40	RE014041
EAR 50	RE014050	175	205	60	95	60	12,5	20,5	140,0 ^{+2.0/-1.0}	140	10	M16	10	6	41,5	41,5	0÷1600	0÷2000	2,49	EA 50	RE014051
EAR 60	RE014060	225	260	75	115	75	12,5	20,5	199,0 ^{+2.5/-1.5}	180	12	M20	12	8	50,0	50,0	0÷2700	0÷3375	4,92	EA 60	RE014061
EAR 70	RE014070	250	290	80	130	80	17,0	20,5	209,0 ^{+2.5/-1.5}	200	12	M24	20	10	56,0	56,0	0÷4400	0÷5500	8,38	EA 70	RE014071

Tensioning elements – Type: **ECO EA** / *Elementi tenditori – Tipo: ECO EA*

MATERIALS Steel.

TREATMENTS Oven-painted.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio.

TRATTAMENTI Verniciatura a forno.

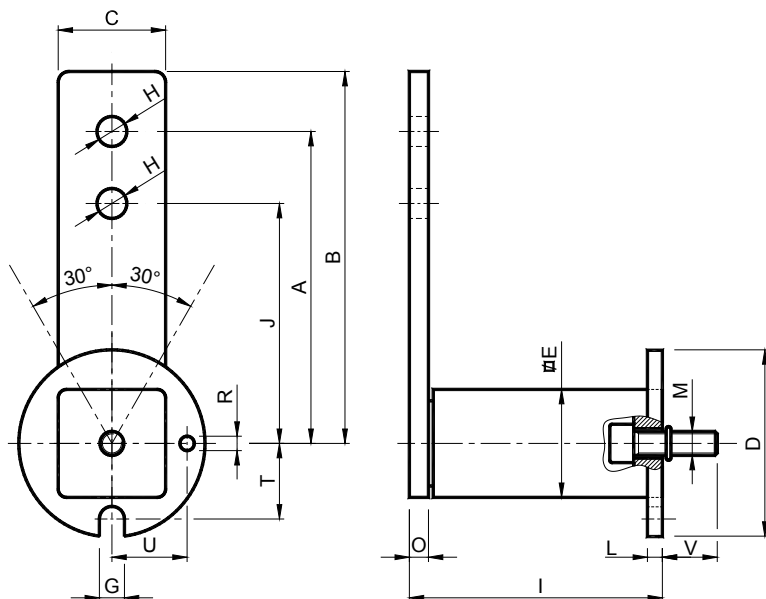
IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.



Tensioning elements – Type: ECO EFR / Elementi tenditori – Tipo: ECO EFR



MATERIALS Steel.

TREATMENTS Tensioner: oven-painted. Ring: zinc plated.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio.

TRATTAMENTI Verniciatura a forno.

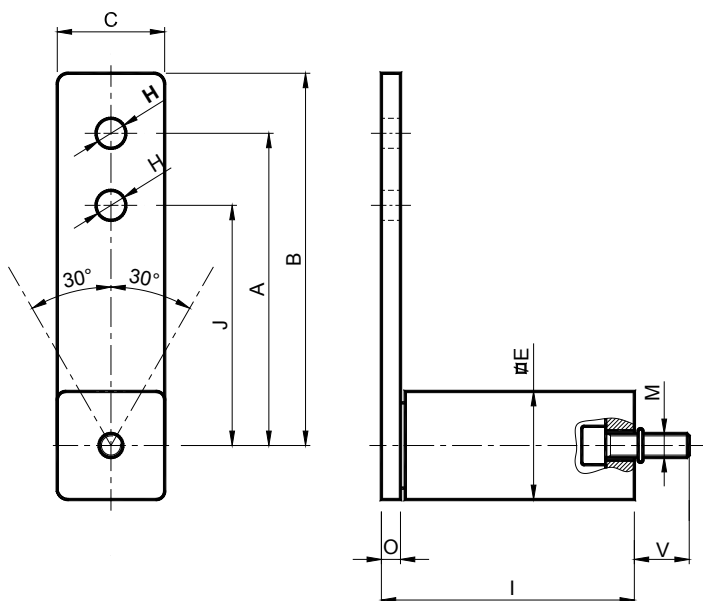
IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.

Type Tipo	Cod. N°	A	B	C	D	E	G	ØH	I	J	L	M	O	R	T	U	V	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
EFR 10	RE014110	80	90	20	35	20	8,0	8,5	50,5 ^{+1,5} _{-0,5}	60	3	M5	5	5	15,5	14,0	10	0+ 90	0+ 120	0,17	EF 10	RE014111
EFR 20	RE014120	100	112	27	45	27	8,5	10,5	62,5 ^{+1,5} _{-0,5}	80	4	M6	5	5	20,5	18,0	10	0+ 140	0+ 175	0,31	EF 20	RE014121
EFR 30	RE014130	100	115	32	58	32	8,5	10,5	77,0 ^{+1,5} _{-0,5}	80	5	M8	6	6	23,5	23,5	15	0+ 380	0+ 475	0,50	EF 30	RE014131
EFR 40	RE014140	130	155	45	78	45	10,5	12,5	106,0 ^{+2,0} _{-1,0}	100	8	M10	8	6	31,5	31,5	18	0+ 860	0+1118	1,20	EF 40	RE014141
EFR 50	RE014150	175	205	60	95	60	12,5	20,5	140,0 ^{+2,0} _{-1,0}	140	10	M12	10	6	41,5	41,5	23	0+1600	0+2000	2,49	EF 50	RE014151
EFR 60	RE014160	225	260	75	115	75	12,5	20,5	199,0 ^{+2,5} _{-1,5}	180	12	M16	12	8	50,0	50,0	25	0+2700	0+3375	4,92	EF 60	RE014161
EFR 70	RE014170	250	290	80	130	80	17,0	20,5	209,0 ^{+2,5} _{-1,5}	200	12	M20	20	10	56,0	56,0	25	0+4400	0+5500	8,38	EF 70	RE014171

Tensioning elements – Type: ECO EF / Elementi tenditori – Tipo: ECO EF



MATERIALS Steel.

TREATMENTS Oven-painted.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio.

TRATTAMENTI Verniciatura a forno.

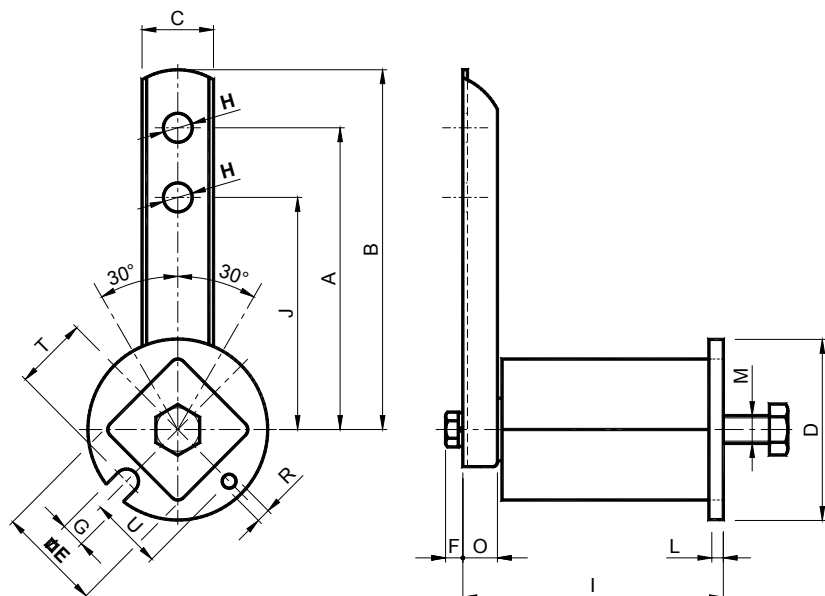
IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.



Tensioning elements – Type: **ECO EBR** / *Elementi tenditori – Tipo: ECO EBR*

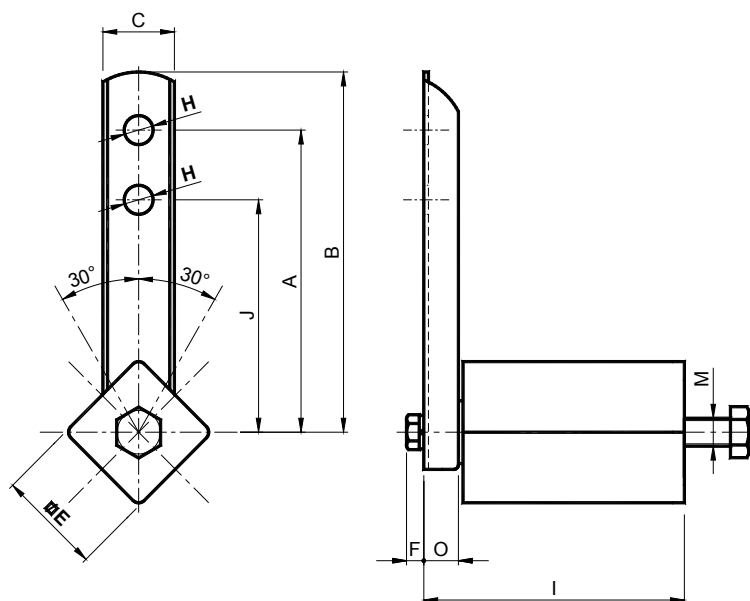


UK MATERIALS Steel/Aluminium.
TREATMENTS Tensioner: oven-painted. Ring: zinc plated.
USE Elastic element for chain/belt tensioner.
 Rotation angle $\pm 30^\circ$.
 Operating temperature from -40°C to $+80^\circ\text{C}$.

IT MATERIALI Acciaio/Alluminio.
TRATTAMENTI Verniciatura a forno.
IMPIEGO Elemento elastico per tendicatena e tendicinghia.
 Angolo di rotazione $\pm 30^\circ$.
 Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.

Type Tipo	Cod. N°	A	B	C	D	E	F	G	ØH	I	J	L	M	O	R	T	U	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
EBR 10	RE014210	80	90	13	35	20	5,6	8,0	8,5	54,5 $+1,5$ $-0,5$	60	3	M6	9,5	5	15,5	14,0	0÷ 90	0÷ 120	0,17	EB 10	RE014211
EBR 20	RE014220	100	112	18	45	27	5,6	8,5	10,5	66,5 $+1,5$ $-0,5$	80	4	M8	10	5	20,5	18,0	0÷ 140	0÷ 175	0,31	EB 20	RE014221
EBR 30	RE014230	100	115	22	58	32	5,6	8,5	10,5	80,0 $+1,5$ $-0,5$	80	5	M10	10	6	23,5	23,5	0÷ 380	0÷ 475	0,50	EB 30	RE014231
EBR 40	RE014240	130	155	31	78	45	7,5	10,5	12,5	112,0 $+2,0$ $-1,0$	100	8	M12	15	6	31,5	31,5	0÷ 860	0÷1118	1,20	EB 40	RE014241
EBR 50	RE014250	175	205	45	95	60	9,2	12,5	20,5	142,0 $+2,0$ $-1,0$	140	10	M16	15	6	41,5	41,5	0÷1600	0÷2000	2,49	EB 50	RE014251
EBR 60	RE014260	225	260	51	115	72	10,5	12,5	20,5	199,0 $+2,5$ $-1,5$	180	12	M20	16	8	50,0	50,0	0÷2700	0÷3375	4,92	EB 60	RE014261
EBR 70	RE014270	250	290	58	130	80	13,5	17,0	20,5	199,0 $+2,5$ $-1,5$	200	12	M24	16	10	56,0	56,0	0÷4400	0÷5500	8,38	EB 70	RE014271

Tensioning elements – Type: **ECO EB** / *Elementi tenditori – Tipo: ECO EB*

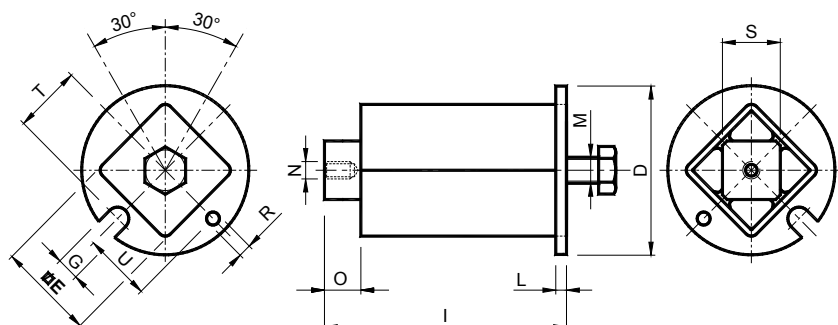


UK MATERIALS Steel/Aluminium.
TREATMENTS Oven-painted.
USE Elastic element for chain/belt tensioner.
 Rotation angle $\pm 30^\circ$.
 Operating temperature from -40°C to $+80^\circ\text{C}$.

IT MATERIALI Acciaio/Alluminio.
TRATTAMENTI Verniciatura a forno.
IMPIEGO Elemento elastico per tendicatena e tendicinghia.
 Angolo di rotazione $\pm 30^\circ$.
 Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.



Tensioning elements – Type: ECO BSR / Elementi tenditori – Tipo: ECO BSR



MATERIALS Steel/Aluminium.

TREATMENTS Tensioner: oven-painted. Ring: zinc plated.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio/Alluminio.

TRATTAMENTI Verniciatura a forno.

IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

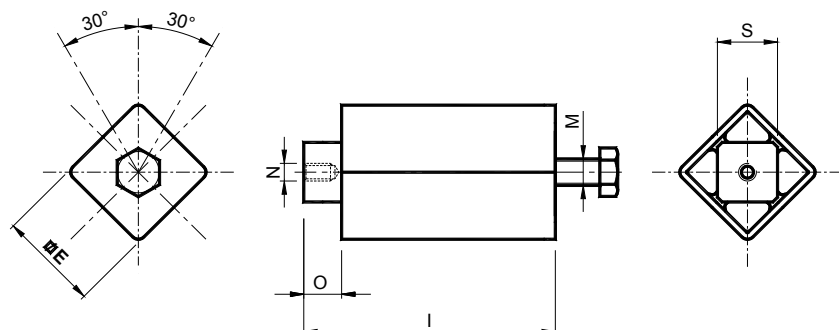
Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.



Type Tipo	Cod. N°	D	E	G	I	L	M	N	O	R	S	T	U	Newton 0°-30° Arm A Braccio A	Newton 0°-30° Arm J Braccio J	Weight Peso [kg]	Type Tipo	Cod. N°
BSR 10	RE014310	35	20	8,0	53,5 $+1,5$ $-0,5$	3	M6	M6	9,5	5	11	15,5	14,0	0+ 90	0+ 120	0,11	BS 10	RE014311
BSR 20	RE014320	45	27	8,5	65,0 $+1,5$ $-0,5$	4	M8	M6	9,0	5	15	20,5	18,0	0+ 140	0+ 175	0,23	BS 20	RE014321
BSR 30	RE014330	58	32	8,5	78,0 $+1,5$ $-0,5$	5	M10	M6	9,0	6	18	23,5	23,5	0+ 380	0+ 475	0,50	BS 30	RE014331
BSR 40	RE014340	78	45	10,5	110,0 $+2,0$ $-1,0$	8	M12	M8	14,0	6	27	31,5	31,5	0+ 860	0+1118	1,03	BS 40	RE014341
BSR 50	RE014350	95	60	12,5	140,0 $+2,0$ $-1,0$	10	M16	M10	14,5	6	40	41,5	41,5	0+1600	0+2000	2,39	BS 50	RE014351
BSR 60	RE014360	115	72	12,5	196,0 $+2,5$ $-1,5$	12	M20	M12	14,0	8	45	50,0	50,0	0+2700	0+3375	4,97	BS 60	RE014361
BSR 70	RE014370	130	80	17,0	195,0 $+2,5$ $-1,5$	12	M24	M16	15,0	10	50	56,0	56,0	0+4400	0+5500	6,46	BS 70	RE014371



Tensioning elements – Type: ECO BS / Elementi tenditori – Tipo: ECO BS



MATERIALS Steel/Aluminium.

TREATMENTS Oven-painted.

USE Elastic element for chain/belt tensioner.

Rotation angle $\pm 30^\circ$.

Operating temperature from -40°C to $+80^\circ\text{C}$.

MATERIALI Acciaio/Alluminio.

TRATTAMENTI Verniciatura a forno.

IMPIEGO Elemento elastico per tendicatena e tendicinghia.

Angolo di rotazione $\pm 30^\circ$.

Temperatura di lavoro da -40°C a $+80^\circ\text{C}$.