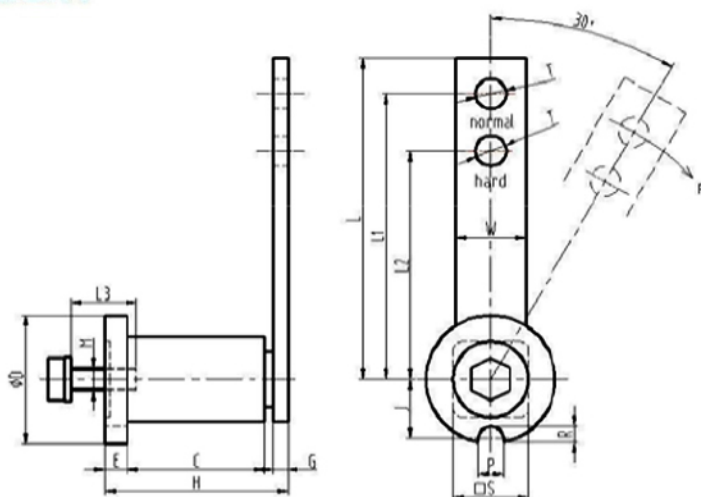


GHW

TENSIONER ELEMENT



This tensioner consists of elastomeric inserts.

They are based on highly elastic natural rubber with a good shape memory and are designed for applications in temperatures from -20°C to +60°C.

The tensioner combines some functions of springs, bearings, tensioners, noise and vibration dampers.

The tensioner is designed as easy installing and maintenance free for chain and belt drives. Several standard sizes and wide range of accessories are available.

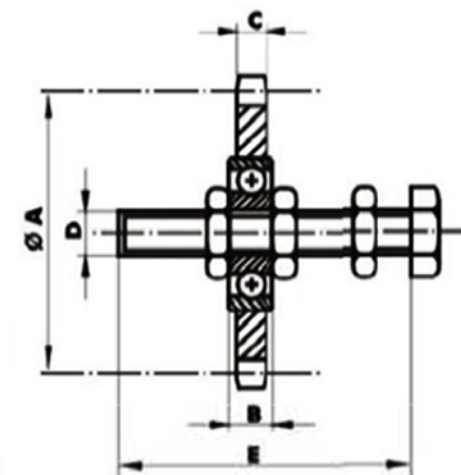
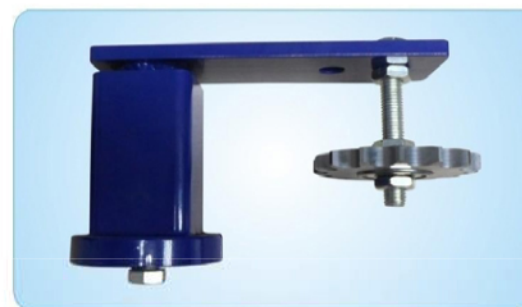
The tensioner can be used for both tensioning directions.

TENSIONER ELEMENT

TYPE	F _{max} 0.32" (N)	D	H	G	M	L1	L2	W	L	L3	□S	E	P	T	J	Weight (Kg)
TS11	90	36	51 ^{+1.5} _{-0.5}	5	M6	80	60	20	90	20	24	6.4	7	8.5	16.5	0.2
TS15	140	46	62 ^{+1.5} _{-0.5}	5	M8	100	80	25	112.5	25	30	8.4	7	10.5	20.8	0.4
TS18	320	59	77 ⁺² _{-1.5}	7	M10	100	80	30	115	30	37	11	8	10.5	25.3	0.7
TS27	820	78	107 ⁺² _{-1.5}	8	M12	130	100	50	155	40	52.5	15	10	13	34.3	1.8
TS38	1500	95	140 ⁺² _{-0.5}	10	M16	175	140	60	205	40	67	17	13	20.5	42	3.6
TS45	2500	115	198 ⁺⁴ _{-1.5}	12	M20	225	180	70	260	50	80	18	12.5	20.5	52	6.4

CHAIN TENSIONER/IDLER SPROCKET

TYPE	Chain Size	Number of teeth	ΦA	B	C	D	E	Weight[KG]	TS size
3/8"~7/32"	35 / 068	15	45.81	9	5.7	M10	60	0.15	TS15/18
1/2"~5/16"	40 / 088	15	61.08	9	7.2	M10	60	0.2	TS15/18
1/2"~5/16"	40 / 088	15	61.08	12	7.2	M12	80	0.23	TS27
5/8"~3/8"	50 / 106	15	76.36	12	9.1	M12	80	0.37	TS27
5/8"~3/8"	50 / 106	15	76.36	15	9.1	M20	120	0.4	TS38
3/4"~7/16"	60 / 128	15	91.63	12	11.5	M12	80	0.6	TS27
3/4"~7/16"	60 / 128	15	91.63	15	11.5	M20	120	0.9	TS38
1"~7/02"	80 / 168	13	106.14	15	16.2	M20	120	1.3	TS38



BELT TENSIONER/ROLLER

Size	A	B	C	ΦD	E	Weight[KG]	TS size
30*35	35	3	51	30	M8	0.08	TS11
40*45	45	6	67	40	M10	0.17	TS15/18
60*60	60	7.5	89	60	M12	0.4	TS27
80*90	90	9	127	80	M20	1.2	TS38

