

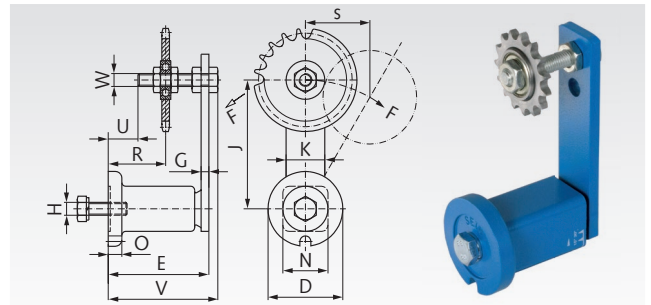
## Chain Tensioners for Single-Strand Roller Chains DIN ISO 606 (ex DIN 8187)

**Material:** Housing sintered steel or grey cast iron, lever St52, sprocket made from steel.

This tensioning element, a continually-tensioning torsion element, prolongs the service life of chain and belt drives by at least 30%, and radically reduces maintenance and repair work. The unique operating principle of this spring offers a long tensioning distance, especially as the lever can be pre-tensioned by up to 30° in both directions. The permanent torsion force does not only automatically compensate the chain elongation, the rubber mounted element also dampens vibrations and shocks in the entire drive. Other advantages: chain track adjustable, rubber suspension, adjustable at an angle of 360°, tensioning pressure steplessly adjustable from "normal" to "hard". Can be used for both tensioning directions. Temperature range: -20° to +80°C.

Ordering Details: e.g.: Product No. 140 802 00, Tensioner and 140 501 01, Sprocket

DIN ISO	Product No. Tensioning Element	Product No. Single Sprocket	No. of Teeth	Pitch Ø mm	max. Tensioning Force N	D mm	E mm	H mm	J mm	N mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
06 B - 1	140 802 00	140 501 01	15	45,81	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	34-55	50	23	85	M10	0,75
081	140 802 16	140 502 01	18	73,14	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	40-48	50	23	88	M16	0,95
083	140 802 16	140 503 01	18	73,14	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	40-48	50	23	88	M16	0,96
08 B - 1	140 802 00	140 505 01	15	61,08	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	34-55	50	23	85	M10	0,80
10 B - 1	140 803 00	140 506 01	15	76,36	0 - 810	78	108 <sup>+2/-0,5</sup>	M12	130	52	42-80	65	27	115	M12	2,05
12 B - 1	140 803 00	140 507 01	15	91,63	0 - 810	78	108 <sup>+2/-0,5</sup>	M12	130	52	42-80	65	27	115	M12	2,25
16 B - 1	140 804 00	140 508 01	13	106,14	0 - 1500	95	140 <sup>+2/-0,5</sup>	M16	175	66	60-100	87,5	40	153	M20	4,80



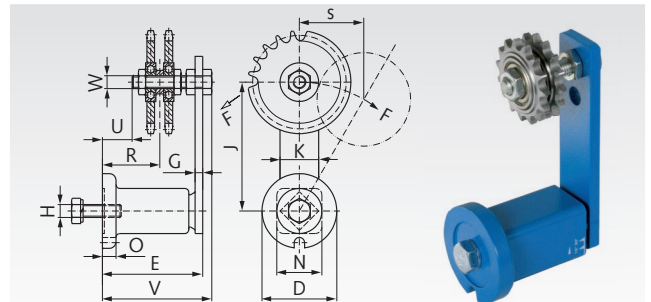
## Chain Tensioners for Double-Strand Roller Chains DIN ISO 606 (ex DIN 8187)

**Material:** Housing sintered steel or grey cast iron, lever St52, sprocket made from steel.

This tensioning element, a continually-tensioning torsion element, prolongs the service life of chain and belt drives by at least 30%, and radically reduces maintenance and repair work. The unique operating principle of this spring offers a long tensioning distance, especially as the lever can be pre-tensioned by up to 30° in both directions. The permanent torsion force does not only automatically compensate the chain elongation, the rubber mounted element also dampens vibrations and shocks in the entire drive. Other advantages: chain track adjustable, rubber suspension, adjustable at an angle of 360°, tensioning pressure steplessly adjustable from "normal" to "hard". Can be used for both tensioning directions. Temperature range: -20° to +80°C.

Ordering Details: e.g.: Product No. 140 802 00, Tensioner and 140 521 01, Sprocket

DIN ISO	Product No. Tensioning Element	Product No. Double Sprocket	No. of Teeth	Pitch Ø mm	max. Tensioning Force N	D mm	E mm	H mm	J mm	N mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
06 B - 2	140 802 00	140 521 01	15	45,81	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	39-50	50	23	85	M10	0,80
08 B - 2	140 802 00	140 525 01	15	61,08	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	41-48	50	23	85	M10	0,80
10 B - 2	140 803 00	140 526 01	15	76,36	0 - 810	78	108 <sup>+2/-0,5</sup>	M12	130	52	50-71	65	27	115	M12	2,30
12 B - 2	140 803 00	140 527 01	15	91,63	0 - 810	78	108 <sup>+2/-0,5</sup>	M12	130	52	51-70	65	27	115	M12	2,75
16 B - 2	140 804 00	140 528 01	13	106,14	0 - 1500	95	140 <sup>+2/-0,5</sup>	M16	175	66	56-85	87,5	20	153	M20	5,65



## Chain Tensioners for Triple-Strand Roller Chains DIN ISO 606 (ex DIN 8187)

**Material:** Housing sintered steel or grey cast iron, lever St52, sprocket made from steel.

This tensioning element, a continually-tensioning torsion element, prolongs the service life of chain and belt drives by at least 30%, and radically reduces maintenance and repair work. The unique operating principle of this spring offers a long tensioning distance, especially as the lever can be pre-tensioned by up to 30° in both directions. The permanent torsion force does not only automatically compensate the chain elongation, the rubber mounted element also dampens vibrations and shocks in the entire drive. Other advantages: chain track adjustable, rubber suspension, adjustable at an angle of 360°, tensioning pressure steplessly adjustable from "normal" to "hard". Can be used for both tensioning directions. Temperature range: -20° to +80°C.

Ordering Details: e.g.: Product No. 140 802 00, Tensioner and 140 531 01, Sprocket

DIN ISO	Product No. Tensioning Element	Product No. Triple Sprocket	No. of Teeth	Pitch Ø mm	max. Tensioning Force N	D mm	E mm	H mm	J mm	N mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
06 B - 3	140 802 00	140 531 01	15	45,81	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	25-45	50	6	85	M10	0,90
08 B - 3	140 802 12	140 535 01	15	61,08	0 - 350	58	79 <sup>+1,5/-0,5</sup>	M10	100	35	23-47	50	6	85	M12	0,90
10 B - 3	140 803 00	140 536 01	15	76,36	0 - 810	78	108 <sup>+2/-0,5</sup>	M12	130	52	40-64	65	15	115	M12	3,25
12 B - 3	140 804 00	140 537 01	15	91,63	0 - 1500	95	140 <sup>+2/-0,5</sup>	M16	175	66	56-80	87,5	30	153	M20	6,50

