

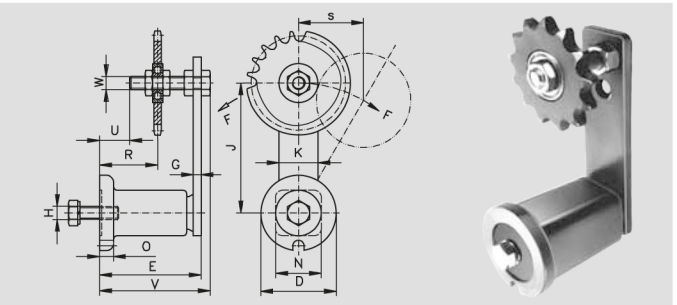
Chain Tensioners for Single-Strand Roller Chains DIN 8187

Material: Housing sintered steel or grey cast iron GG20, 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. 140 501 00, Chain Tensioner, 06 B-1

Product No.	DIN ISO	Number of teeth	Pitch Ø mm	max.Tensioning Force N	D mm	E mm	G mm	H mm	J mm	K mm	N mm	O mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
140 501 00	06 B - 1	15	45.81	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	34-55	50	23	85	M 10	0.75
140 502 00	081	18	73.14	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	40-48	50	23	88	M 16	0.95
140 503 00	083	18	73.14	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	40-48	50	23	88	M 16	0.96
140 505 00	08 B - 1	15	61.08	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	34-55	50	23	85	M 10	0.80
140 506 00	10 B - 1	15	76.36	0- 810	78	108 ^{+2 -0.5}	8	M12	130	50	52	15	42-80	65	27	115	M 12	2.05
140 507 00	12 B - 1	15	91.63	0- 810	78	108 ^{+2 -0.5}	8	M12	130	50	52	15	42-80	65	27	115	M 12	2.25
140 508 00	16 B - 1	13	106.14	0-1500	95	140 ^{+2 -0.5}	10	M16	175	60	66	15	60-100	87.5	40	153	M 20	4.80



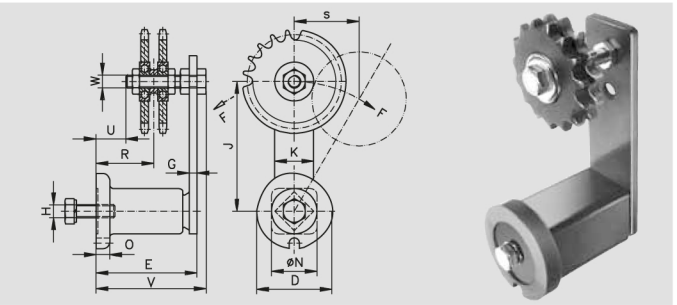
Chain Tensioners for Double-Strand Roller Chains DIN 8187

Material: Housing sintered steel or grey cast iron GG20, 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. 140 521 00, Chain Tensioner, 06 B-2

Product No.	DIN ISO	Number of teeth	Pitch Ø mm	max.Tensioning Force N	D mm	E mm	G mm	H mm	J mm	K mm	N mm	O mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
140 521 00	06 B - 2	15	45.81	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	39-50	50	23	85	M 10	0.80
140 525 00	08 B - 2	15	61.08	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	41-48	50	23	85	M 10	0.80
140 526 00	10 B - 2	15	76.36	0- 810	78	108 ^{+2 -0.5}	8	M12	130	50	52	15	50-71	65	27	115	M 12	2.30
140 527 00	12 B - 2	15	91.63	0- 810	78	108 ^{+2 -0.5}	8	M12	130	50	52	15	51-70	65	27	115	M 12	2.75
140 528 00	16 B - 2	13	106.14	0-1500	95	140 ^{+2 -0.5}	10	M16	175	60	66	15	56-85	87.5	20	153	M 20	5.65



Chain Tensioners for Triple-Strand Roller Chains DIN 8187

Material: Housing sintered steel or grey cast iron GG20, 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. 140 531 00, Chain Tensioner, 06 B-3

Product No.	DIN ISO	Number of teeth	Pitch Ø mm	max.Tensioning Force N	D mm	E mm	G mm	H mm	J mm	K mm	N mm	O mm	R mm	S max. mm	U mm	V mm	W mm	Weight kg
140 531 00	06 B - 3	15	45.81	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	25-45	50	6	85	M 10	0.9
140 535 00	08 B - 3	15	61.08	0- 350	58	79 ^{+1.5 -0.5}	7	M10	100	30	35	10.5	23-47	50	6	85	M 12	0.9
140 536 00	10 B - 3	15	76.36	0- 810	78	108 ^{+2 -0.5}	8	M12	130	50	52	15	40-64	65	15	115	M 12	3.25
140 537 00	12 B - 3	15	91.63	0- 1500	95	140 ^{+2 -0.5}	10	M16	175	60	66	15	56-80	87.5	30	153	M 20	6.5

