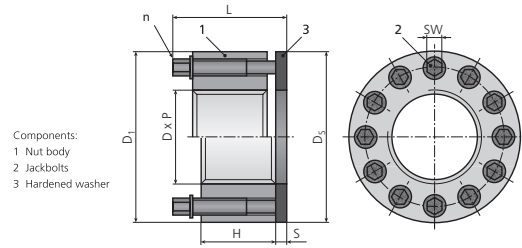


# CY

## Nut-style tensioner high strength

CY series tensioners are used for high strength bolt loads on general machinery applications. They fit in the same space as a heavy hex nut.



Metric	Size			Nut body		Jackbolt		Hardened washer		Height tot	Weight est	Preload* nom	Torque* nom	Preload capacity* max	
	Thread	Available Pitch			1		2		3						
Part number	D [mm]	P <sub>1</sub> [mm]	P <sub>2</sub>	P <sub>3</sub>	D <sub>1</sub> [mm]	H [mm]	n	SW [mm]	D <sub>s</sub> [mm]	S [mm]	L [mm]	F [kN]	M [Nm]	[kN]	
CY-M16x.../W	M16	2	1.5	1	34	16	6	5	32	3	33	0.12	110	14	140
CY-M20x.../W	M20	2.5	1.5	1	38	17	8	5	38	4	34	0.15	145	14	185
CY-M22x.../W	M22	2.5	1.5	1	41	17	8	5	41	4	34	0.17	145	14	185
CY-M24x.../W	M24	3	2	1.5	47	24	6	6	47	4	44	0.30	215	36	285
CY-M27x.../W	M27	3	2	1.5	51	24	8	6	50	5	45	0.37	285	36	380
CY-M30x.../W	M30	3.5	2	1.5	54	24	8	6	53	5	45	0.38	285	36	380
CY-M33x.../W	M33	3.5	2	1.5	62	32	6	8	61	5	57	0.70	345	72	460
CY-M36x.../W	M36	4	3	1.5	66	32	8	8	66	5	57	0.79	455	72	610
CY-M39x.../W	M39	4	3	1.5	72	32	10	8	70	5	57	0.97	570	72	760
CY-M42x.../W	M42	4.5	3	1.5	76	32	12	8	73	5	57	1.10	685	72	915
CY-M45x.../W	M45	4.5	3	1.5	81	38	8	10	80	6	68	1.40	700	131	935
CY-M48x.../W	M48	5	3	1.5	85	38	10	10	85	6	68	1.54	875	131	1170
CY-M52x.../W	M52	5	3	2	94	38	12	10	90	6	68	1.80	1050	131	1400
CY-M56x.../W	M56	5.5	4	2	98	38	12	10	94	6	68	1.93	1050	131	1400
CY-M60x.../W	M60	5.5	4	2	107	59	8	14	106	8	99	3.70	1270	315	1690
CY-M64x.../W	M64	6	4	2	113	59	10	14	112	8	99	4.10	1580	315	2100
CY-M68x.../W	M68	6	4	2	117	59	12	14	117	8	99	4.30	1900	315	2530
CY-M72x.../W	M72	6	4	2	121	59	12	14	120	8	99	4.50	1900	315	2530
CY-M76x.../W	M76	6	4	2	132	61	16	14	127	8	99	5.60	2530	315	3380
CY-M80x.../W	M80	6	4	2	133	61	16	14	127	8	99	5.40	2530	315	3380
CY-M85x.../W	M85	6	4	2	139	61	16	14	137	8	99	5.80	2530	315	3380
CY-M90x.../W	M90	6	4	2	145	61	16	14	140	8	99	6.30	2530	315	3380
CY-M100x.../W	M100	6	4	2	157	61	16	14	152	8	99	7.00	2530	315	3380
CY-M110x.../W	M110	6	4	2	177	61	20	14	163	8	99	9.00	3150	315	4200
CY-M120x.../W	M120	6	4	2	189	81	18	17	179	10	125	13.10	4700	645	6300
CY-M125x.../W	M125	6	4	2	194	81	18	17	190	10	125	13.70	4700	645	6300
CY-M130x.../W	M130	6	4	2	205	94	20	17	202	10	140	17.60	5250	645	7000
CY-M140x.../W	M140	6	4	2	215	94	22	17	215	10	140	18.89	5750	645	7700
CY-M150x.../W	M150	6	4	2	225	94	22	17	225	12	142	20.10	5750	645	7700
CY-M160x.../W	M160	6	4	-	226	107	24	17	220	10	160	20.80	6300	645	8400

\* All preload and torque values are provided for general reference. Applied preload plus additional bolt load from service should not exceed the maximum bolt or stud capacity. Contact your local Nord-Lock sales office for assistance in determining proper preload and torque settings for your application.  
- Other sizes, thread pitches or thread per inch (TPI) may be available.  
- Dimensions listed are representative.