

HTN | HYDRAULIC TENSIONER NUTS - METRIC

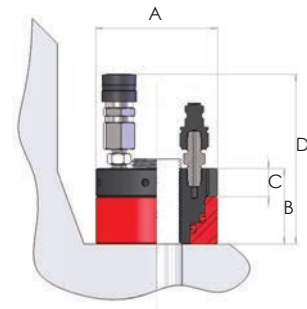


Capacities from 22.3 to 214.8 tons

Bolt sizes from M24 to M100 diameter

Maximum working pressure 21750 psi

- ▶ Single acting design with integral load holding lock nut
- ▶ Designed to permanently replace regular nuts on one side of the joint
- ▶ Ideally suited for bolted joints that need opening and closing, during maintenance, on a regular basis
- ▶ High grade alloy steel construction with nitrocarburized corrosion resistant piston
- ▶ Self-energizing seals for improved performance at high temperatures and pressures
- ▶ Dual quick connect inlet and outlet couplings for easy multiple tensioner nut connection
- ▶ Visible maximum stroke indicator to warn operator of potential over extension
- ▶ Customized and special design tensioners are available on request



Model number	Bolt size	Capacity		Effective area (in²)	Stroke (in)	Weight (lbs)	Tommy bar	Dimensions (in)			
		tons	kN					A	B	C	D
HTN1-M24	M24x3	22.3	198	2.05	0.2	4.2	TTB06	2.84	2.17	0.71	5.2
HTN2-M27	M27x3	24.3	216	2.24	0.2	4.4	TTB06	2.96	2.17	0.71	5.2
HTN3-M30	M30x3.5	28.4	253	2.61	0.2	5.3	TTB06	3.23	2.25	0.83	5.28
HTN3-M33	M33x3.5	28.4	253	2.61	0.2	5.3	TTB06	3.23	2.25	0.83	5.28
HTN4-M36	M36x4	34.4	306	3.16	0.2	6.0	TTB06	3.47	2.25	0.87	5.32
HTN5-M39	M39x4	38.7	344	3.56	0.24	6.4	TTB06	3.66	2.29	0.83	5.32
HTN6-M42	M42x4.5	44.7	398	4.11	0.24	7.7	TTB06	3.94	2.44	0.91	5.59
HTN7-M45	M45x4.5	53.4	475	4.91	0.24	8.8	TTB06	4.18	2.52	0.95	5.56
HTN8-M48	M48x5	56.3	501	5.18	0.24	9.3	TTB06	4.33	2.52	0.99	5.59
HTN9-M52	M52x5	63.3	564	5.82	0.24	10.8	TTB06	4.61	2.64	1.26	5.71
HTN10-M56	M56x5.5	83.9	746	7.71	0.32	14.1	TTB06	5.04	2.92	1.1	5.99
HTN11-M60	M60x5.5	101.7	905	9.35	0.32	17.6	TTB06	5.56	3.03	1.14	6.11
HTN11-M64	M64x6	101.7	905	9.35	0.32	17.6	TTB06	5.56	3.03	1.14	6.11
HTN12-M68	M68x6	112.3	1000	10.33	0.32	19.4	TTB08	5.91	3.07	1.18	6.15
HTN13-M72	M72x6	135.2	1203	12.44	0.32	23.4	TTB08	6.38	3.19	1.22	6.26
HTN13-M76	M76x6	135.2	1203	12.44	0.32	23.4	TTB08	6.38	3.19	1.22	6.26
HTN14-M80	M80x6	158.9	1414	14.61	0.39	28.4	TTB08	6.86	3.43	1.38	6.5
HTN15-M85	M85x6	180.3	1605	16.59	0.39	35.7	TTB10	7.37	3.74	1.46	6.82
HTN15-M90	M90x6	180.3	1605	16.59	0.39	35.7	TTB10	7.37	3.74	1.46	6.82
HTN16-M95	M95x6	191.5	1705	17.61	0.39	40.3	TTB10	7.64	4.02	1.54	7.05
HTN17-M100	M100x6	214.8	1911	19.75	0.39	48.3	TTB10	8.08	4.33	1.62	7.41

Note: Tommy bars are not included. Hi-Force recommends one tommy bar for every four tensioner nuts.