

HTN | HYDRAULIC TENSIONER NUTS - IMPERIAL

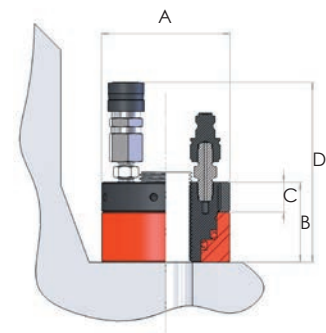


Capacities from 198 to 1911 kN

Bolt sizes from 1" to 4" diameter

Maximum working pressure 1500 bar

- ▶ 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 nitrocarburised corrosion resistant piston
- ▶ Self-energising 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
- ▶ Customised and special design tensioners are available on request



Model number	Bolt size	Capacity		Effective area (cm²)	Stroke (mm)	Weight (kg)	Tommy bar	Dimensions (mm)			
		kN	tonnes					A	B	C	D
HTN1-100	1"-8 UN	198	20.2	13.2	5	1.9	TTB06	72	55	18	132
HTN2-112	1 1/8"-8 UN	216	22.1	14.4	5	2.0	TTB06	75	55	18	132
HTN3-125	1 1/4"-8 UN	253	25.8	16.9	5	2.4	TTB06	82	57	21	134
HTN4-137	1 3/8"-8 UN	306	31.2	20.4	5	2.7	TTB06	88	57	22	135
HTN5-150	1 1/2"-8 UN	344	35.1	22.9	6	2.9	TTB06	93	58	21	135
HTN6-162	1 5/8"-8 UN	398	40.5	26.5	6	3.5	TTB06	100	62	23	142
HTN7-175	1 3/4"-8 UN	475	48.4	31.7	6	4.0	TTB06	106	64	24	141
HTN8-187	1 7/8"-8 UN	501	51.1	33.4	6	4.2	TTB06	110	64	25	142
HTN9-200	2"-8 UN	564	57.5	37.6	6	4.9	TTB06	117	67	32	145
HTN10-225	2 1/4"-8 UN	746	76.1	49.8	8	6.4	TTB06	128	74	28	152
HTN11-250	2 1/2"-8 UN	905	92.3	60.3	8	8.0	TTB06	141	77	29	155
HTN12-275	2 3/4"-8 UN	1000	101.9	66.7	8	8.8	TTB08	150	78	30	156
HTN13-300	3"-8 UN	1203	122.7	80.2	8	10.6	TTB08	162	81	31	159
HTN14-325	3 1/4"-8 UN	1414	144.1	94.3	10	12.9	TTB08	174	87	35	165
HTN15-350	3 1/2"-8 UN	1605	163.6	107	10	16.2	TTB10	187	95	37	173
HTN16-375	3 3/4"-8 UN	1705	173.8	113.6	10	18.3	TTB10	194	102	39	179
HTN17-400	4"-8 UN	1911	194.9	127.4	10	21.9	TTB10	205	110	41	188

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

HTN | HYDRAULIC TENSIONER NUTS - METRIC

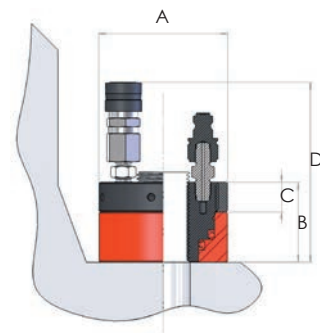


Capacities from 198 to 1911 kN

Bolt sizes from M24 to M100 diameter

Maximum working pressure 1500 bar

- ▶ 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 nitrocarburised corrosion resistant piston
- ▶ Self-energising seals for improved performance at high temperatures and pressures
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Model number	Bolt size	Capacity		Effective area (cm²)	Stroke (mm)	Weight (kg)	Tommy bar	Dimensions (mm)			
		kN	tonnes					A	B	C	D
HTN1-M24	M24x3	198	20.2	13.2	5	1.9	TTB06	72	55	18	132
HTN2-M27	M27x3	216	22.1	14.4	5	2.0	TTB06	75	55	18	132
HTN3-M30	M30x3.5	253	25.8	16.9	5	2.4	TTB06	82	57	21	134
HTN3-M33	M33x3.5	253	25.8	16.9	5	2.4	TTB06	82	57	21	134
HTN4-M36	M36x4	306	31.2	20.4	5	2.7	TTB06	88	57	22	135
HTN5-M39	M39x4	344	35.1	22.9	6	2.9	TTB06	93	58	21	135
HTN6-M42	M42x4.5	398	40.5	26.5	6	3.5	TTB06	100	62	23	142
HTN7-M45	M45x4.5	475	48.4	31.7	6	4.0	TTB06	106	64	24	141
HTN8-M48	M48x5	501	51.1	33.4	6	4.2	TTB06	110	64	25	142
HTN9-M52	M52x5	564	57.5	37.6	6	4.9	TTB06	117	67	32	145
HTN10-M56	M56x5.5	746	76.1	49.8	8	6.4	TTB06	128	74	28	152
HTN11-M60	M60x5.5	905	92.3	60.3	8	8.0	TTB06	141	77	29	155
HTN11-M64	M64x6	905	92.3	60.3	8	8.0	TTB06	141	77	29	155
HTN12-M68	M68x6	1000	101.9	66.7	8	8.8	TTB08	150	78	30	156
HTN13-M72	M72x6	1203	122.7	80.2	8	10.6	TTB08	162	81	31	159
HTN13-M76	M76x6	1203	122.7	80.2	8	10.6	TTB08	162	81	31	159
HTN14-M80	M80x6	1414	144.1	94.3	10	12.9	TTB08	174	87	35	165
HTN15-M85	M85x6	1605	163.6	107	10	16.2	TTB10	187	95	37	173
HTN15-M90	M90x6	1605	163.6	107	10	16.2	TTB10	187	95	37	173
HTN16-M95	M95x6	1705	173.8	113.6	10	18.3	TTB10	194	102	39	179
HTN17-M100	M100x6	1911	194.9	127.4	10	21.9	TTB10	205	110	41	188

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