

Hydraulic Bolt Tensioner (BTH-Series)

Capacity : 12-377 tons Stroke : 10-16mm Working : 1000-1500 bar (Max)

MODEL	Bolt Metric	Capacity 1000 Bar	Stroke 'S'	Effective Area	A	B	C	D	E	F	G	CD	Model	Capacity 1500 Bar	D	CD
		tons.	mm.	mm ²	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		tons.	mm.	mm.
BTH-24-10	M24	12	10	12	44	70	16	88	130	30	100	100	BTV-24-10	18	100	110
BTH-30-12	M30	14	12	14	53	73	24	108	150	35	105	120	BTV-30-12	21	120	130
BTH-36-16	M36	20	16	19	55	75	25	120	155	40	110	130	BTV-36-16	29	130	140
BTH-42-16	M42	38	16	38	68	75	27	135	170	45	110	145	BTV-42-16	57	145	155
BTH-48-16	M48	60	16	59	75	75	30	152	180	55	115	165	BTV-48-16	89	160	170
BTH-52-16	M52	76	16	75	78	77	34	170	189	60	120	180	BTV-52-16	114	180	190
BTH-56-16	M56	97	16	97	80	85	38	190	203	65	135	200	BTV-56-16	146	200	210
BTH-64-16	M64	118	16	118	90	90	40	210	220	70	140	220	BTV-64-16	177	220	230
BTH-72-16	M72	137	16	136	90	95	45	225	230	80	140	235	BTV-72-16	205	235	245
BTH-76-16	M76	171	16	171	100	105	50	240	255	85	150	250	BTV-76-16	257	250	260
BTH-80-16	M80	193	16	192	100	105	50	250	255	90	150	260	BTV-80-16	288	260	270
BTH-90-16	M90	204	16	203	100	105	50	260	255	100	150	270	BTV-90-16	305	270	280
BTH-100-16	M100	252	16	251	100	120	55	285	275	110	170	295	BTV-100-16	377	300	310

Features / Benefits :

- Single acting, Light weight, compact, easy to use.
- Cylinder honed to a surface finish of 0.4 microns.
- Noiseless operation.
- Customised bolt tensioner on request.
- Used in petrochemicals, marine, steel plant, constructions, Hydro projects, Nuclear Plants & Cement Plants.

Application :

These are used for tensioning of bolts / studs in various fields.

