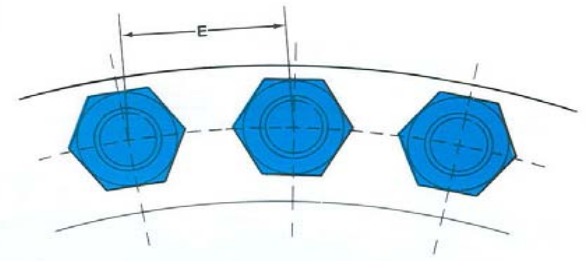
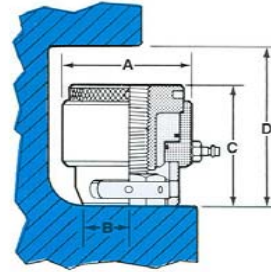


HTI -- Variable Model Hydraulic Stud Tensioner Specifications:

- A minimum of one thread diameter of thread engagement is recommended.
- Stud Load is directly proportional to the hydraulic pressure applied.
- A Nut Rotating Socket can be provided or the Nuts can be drilled.



Inch Tool Model	Metric Tool Model	Thread Size		Maximum Force		Hydraulic Area		Weight		- A - Diameter		- B - Bridge Chamfer		- C - Overall Height		- D - Clearance		- E - Min. Stud Pitch	
		Inch	Metric	lbf	kN	in ²	cm ²	lb	kg	in	mm	in	mm	in	mm	in	mm	in	mm
V2A075	V2AM18	3/4	18	57,650	256	2.65	17.1	5.7	2.6	3.65	93	1.00	25	2.9	75	4.0	101	2.20	56
-----	V2AM20	-----	20	57,650	256	2.65	17.1	5.7	2.6	3.65	93	1.03	26	3.0	75	4.0	102	2.22	56
V2A088	V2AM22	7/8	22	57,650	256	2.65	17.1	5.7	2.6	3.65	93	1.03	26	3.1	78	4.1	105	2.26	57
V2A100	V2AM24	1	24	57,650	256	2.65	17.1	5.5	2.5	3.65	93	1.13	29	3.2	81	4.2	108	2.33	59
V2A112	V2AM27	1 1/8	27	57,650	256	2.65	17.1	5.3	2.4	3.65	93	1.25	32	3.3	84	4.4	111	2.47	63
-----	V2BM30	-----	30	102,500	456	4.71	30.4	8.8	4.0	4.10	104	1.41	36	3.7	93	4.8	121	2.89	73
V2B125	V2BM33	1 1/4	33	102,500	456	4.71	30.4	8.8	4.0	4.10	104	1.41	36	3.7	94	4.9	124	2.99	76
V2B138	V2BM36	1 3/8	36	102,500	456	4.71	30.4	9.0	4.1	4.10	104	1.47	37	3.8	98	5.2	132	3.10	79
V2B150	V2BM39	1 1/2	39	102,500	456	4.71	30.4	8.4	3.8	4.10	104	1.59	40	4.0	101	5.5	140	3.21	82
V2C150	V2CM39	1 1/2	39	185,000	823	8.50	54.9	19	8.8	5.43	138	1.70	43	4.7	120	6.3	159	3.47	88
V2C162	V2CM42	1 5/8	42	185,000	823	8.50	54.9	19	8.6	5.43	138	1.70	43	4.7	120	6.3	159	3.53	90
V2C175	V2CM45	1 3/4	45	185,000	823	8.50	54.9	19	8.5	5.43	138	1.80	46	4.9	123	6.5	166	3.78	96
V2C188	V2CM48	1 7/8	48	185,000	823	8.50	54.9	19	8.4	5.43	138	2.00	51	5.2	131	7.1	181	3.91	99
V2C200	V2CM52	2	52	185,000	823	8.50	54.9	19	8.5	5.43	138	2.00	51	5.2	131	7.1	181	4.01	102
V2D188	V2DM48	1 7/8	48	291,500	1,297	13.4	86.5	34	15	6.65	169	2.00	51	5.4	138	7.2	182	4.26	108
V2D200	V2DM52	2	52	291,500	1,297	13.4	86.5	34	15	6.65	169	2.00	51	5.4	138	7.3	185	4.33	110
V2D225	V2DM56	2 1/4	56	291,500	1,297	13.4	86.5	33	15	6.65	169	2.25	57	5.6	143	7.8	198	4.65	118
-----	V2DM60	-----	60	291,500	1,297	13.4	86.5	31	14	6.65	169	2.49	63	5.9	149	8.1	207	4.68	119
V2D250	V2DM64	2 1/2	64	291,500	1,297	13.4	86.5	31	14	6.65	169	2.49	63	5.9	149	8.2	208	4.93	125
V2E250	V2EM64	2 1/2	64	392,900	1,748	18.1	117	47	21	7.80	198	2.49	63	6.3	160	9.0	227	5.15	131
V2E275	V2EM72	2 3/4	72	392,900	1,748	18.1	117	47	21	7.80	198	2.72	69	6.5	166	9.2	234	5.55	141
V2E300	V2EM76	3	76	392,900	1,748	18.1	117	47	21	7.80	198	2.91	74	6.8	173	9.7	246	5.96	151
V2F325	V2FM85	3 1/4	85	619,200	2,754	28.5	184	90	41	9.83	250	3.16	80	7.9	199	12	297	6.54	166
V2F350	V2FM90	3 1/2	90	619,200	2,754	28.5	184	89	41	9.83	250	3.38	86	8.1	206	12	304	6.85	174
V2F375	V2FM95	3 3/4	95	619,200	2,754	28.5	184	91	41	9.83	250	3.66	93	8.4	212	12	310	7.49	190
V2F400	V2FM100	4	100	619,200	2,754	28.5	184	88	40	9.83	250	3.78	96	8.6	218	12	316	7.71	196

Maximum Pressure: 21,750 psi 1,500 Bar

Stroke: Model V2A 10 mm (0.39") Model V2B 12 mm (0.47") Models V2C through V2F 15 mm (0.59")

Notes:

1. These specifications are for our standard sizes. Custom designs are our specialty and are readily available.
2. Product development is continually taking place and changes to these specifications may occur at any time.