

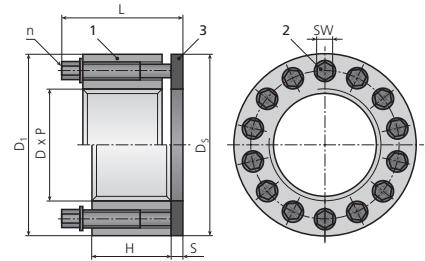
# H650T

## Nut-style tensioner

### Medium temperature, tall

H650T tensioners are intended for use where space is limited, and typically replace acorn and castle nuts. Preload and torque values are based on a bolt stress of 310 MPa (45,000 psi).

Components:  
 1 Nut body  
 2 Jackbolts  
 3 Hardened washer



Metric	Size			Nut body		Jackbolt		Hardened washer		Height	Weight	Preload*	Torque*
	Thread	Available pitch			1	2	3	tot	est	nom	nom		
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]
H650T-M24x.../W	M24	3	2	1.5	41	28	8	5	40	3	43	0.20	11
H650T-M27x.../W	M27	3	2	1.5	43	28	10	5	43	3	43	0.25	11
H650T-M30x.../W	M30	3.5	2	1.5	46	28	12	5	46	3	43	0.25	11
H650T-M33x.../W	M33	3.5	2	1.5	49	28	14	5	49	3	43	0.30	12
H650T-M36x.../W	M36	4	3	1.5	53	28	16	5	53	6	46	0.35	12
H650T-M39x.../W	M39	4	3	1.5	61	38	10	6	61	4	57	0.60	30
H650T-M42x.../W	M42	4.5	3	1.5	64	38	12	6	64	4	57	0.65	30
H650T-M45x.../W	M45	4.5	3	1.5	67	38	14	6	67	6	59	0.75	29
H650T-M48x.../W	M48	5	3	1.5	72	38	14	6	70	10	63	0.90	33
H650T-M52x.../W	M52	5	3	2	79	46	12	8	78	5	69	1.25	56
H650T-M56x.../W	M56	5.5	4	2	84	46	14	8	82	10	74	1.45	57
H650T-M60x.../W	M60	5.5	4	2	90	46	16	8	86	14	78	1.75	58
H650T-M64x.../W	M64	6	4	2	96	62	12	10	96	18	102	2.75	105
H650T-M72x.../W	M72	6	4	2	106	62	16	10	105	6	90	2.80	100
H650T-M76x.../W	M76	6	4	2	114	62	16	10	112	12	96	3.50	110
H650T-M80x.../W	M80	6	4	2	118	62	18	10	112	15	99	3.70	110
H650T-M90x.../W	M90	6	4	2	135	80	14	14	135	9	117	6.10	245
H650T-M100x.../W	M100	6	4	2	149	80	16	14	144	19	127	7.85	270

\* 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.