



TYT Locknut



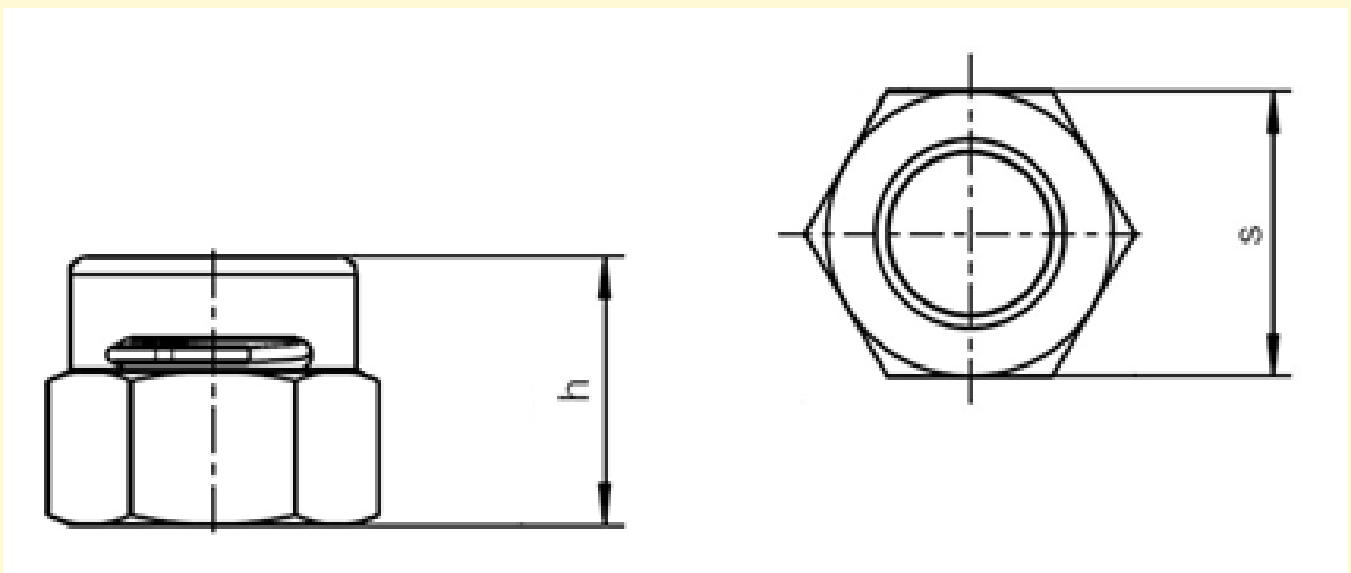
Bolts are exposed to dynamic loads and continuous vibrations in several applications. Due to which nuts can unintentionally unfasten from the bolts. Standard nuts available in market use friction and clamping torque to prevent loosening of the nut from the bolts.

Navbharat Engineers introduces a new breakthrough technology for fastening of nuts to the bolts. TYT Locknut combines the loss prevention function with the anti-rotation lock. This enables it to maintain the clamping force and preload force in the connection simultaneously.

TYT Locknut incorporates a special grade spring into the nuts body. When the bolt encounters the spring, it expands and puts clamping pressure on the bolt. The tension of the spring prevents the bolt from rotating in the reverse direction. To release the bolt from the nut, one needs to release the tension on the spring by sliding the hook provided in the nut. This feature makes TYT Locknut have repeated reusability unlike

TYT Locknuts are highly preferred where vibrations and dynamic lateral loads can cause standards nut to unscrew and fail affecting the safety.

TYT Locknuts are used in Railways, Automobile and Mechanical Engineering, Construction, Bridge, and structural Engineering,



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Technical Chart

Nut Size	Hex A / F (s)	Nut Length (h)	Ordering No	
			Stainless Steel	Carbon Steel
M6x1P	10	10	TYT060S	TYT060M
M8x1.25P	13	13	TYT080S	TYT080M
M10x1.5P	17	16	TYT100S	TYT100M
M12x1.75P	19	20	TYT120S	TYT120M
M14x2P	22	21	TYT140S	TYT140M
M16x2P	24	23	TYT160S	TYT160M
M18x2.5P	27	27	TYT180S	TYT180M
M20x2.5P	30	29	TYT200S	TYT200M
M22x2.5P	32	31	TYT220S	TYT220M
M24x3P	36	35	TYT240S	TYT240M
M27x3P	41	38	TYT270S	TYT270M
M30x3.5P	46	42	TYT300S	TYT300M
M33x3.5P	50	45	TYT330S	TYT330M
M36x4P	55	50	TYT360S	TYT360M
M36x4P	60	53	TYT390S	TYT390M
M36x4P	65	55	TYT420S	TYT420M