

HYTORC GALL-FREE NUT NON-GALLING NUT

In industrial environments, galling is a costly side effect caused by high friction, extreme temperatures, and lateral loads. The HYTORC Gall-Free Nut prevents thread damage and nut seizure, while also allowing easy and safe disassembly without damaging contact surfaces. Because threaded rods and other components do not need to be replaced, and workload and resource demands are significantly reduced, gall-free nuts quickly pay for themselves

The HYTORC Gall-Free Nut provides a trouble-free solution for all standard hex nut sizes and can also be customized for more complex applications. The patented technology, geometry, and material specifications eliminate issues with high tightening forces and extreme temperatures—even without thread lubricants.



The nut's two-piece design consists of an inner and outer part, which, thanks to a precise material combination, eliminates galling issues. Nuts compatible with standard thread sizes can be supplied with various materials and coatings.

The smooth surface of the gall-free nut (1) is placed against the joint surface. The indicator ring on top of the nut (2) helps ensure that the nut is installed in the correct orientation.

DIMENSIONS

Nut size	A/F mm	M mm	H mm
M20	30	18,00	18,80
M22	32	19,40	20,20
M24	36	21,50	22,30
M27	41	23,80	24,60
M30	46	25,60	26,40
M33	50	28,70	29,50
M36	55	31,00	31,80
M39	60	33,40	34,40
M42	65	34,00	35,00
M45	70	36,00	37,00
M48	75	38,00	39,00
M52	80	42,00	43,00
M56	85	45,00	46,00
M60	90	48,00	49,00
M64	95	51,00	52,00

