



Datasheet

Stainless Steel Nylon Insert Locking Nuts: Metric Thread



Nylon Insert Lock Nuts are Hex Nuts that have a captive nylon washer mounted in their top to create a prevailing torque type Lock Nut. The undersized washer forms a compression grip that binds on the threads of the mating fastener to resist loosening.

Nylon insert lock nuts generate a large amount of friction and heat during installation and so can present galling problems. If this occurs it is recommended that you slow down your installation speed or alternatively consider a different locking mechanism.

- Available in A2, 304 and A4, 316 Stainless Steel
- Threaded in accordance with Din standard 985
- Are used to fasten machine threaded fastener sin through hole application
- Cannot be used at elevated temperatures or with certain chemicals due to limitations of the non-metallic inserts but the nylon washer does provide a gas and moisture seal
- Also available in Bright Zinc Plated Steel in accordance with Din standard 982

Material	Finish	Thread Size	Stainless Steel Type	Type	RS Part No.
Stainless Steel	Plain	M3	A2, 304	Nylon Insert	521917
Stainless Steel	Plain	M4	A2, 304	Nylon Insert	521923
Stainless Steel	Plain	M5	A2, 304	Nylon Insert	521939
Stainless Steel	Plain	M6	A2, 304	Nylon Insert	521945
Stainless Steel	Plain	M8	A2, 304	Nylon Insert	521951
Stainless Steel	Plain	M10	A2, 304	Nylon Insert	521967
Stainless Steel	Plain	M12	A2, 304	Nylon Insert	521973
Stainless Steel	Plain	M16	A2, 304	Nylon Insert	275692
Stainless Steel	Plain	M20	A2, 304	Nylon Insert	275709

Material	Finish	Thread Size	Stainless Steel Type	Type	RS Part No.
Stainless Steel	Plain	M3	A4, 316	Nylon Insert	767804
Stainless Steel	Plain	M4	A4, 316	Nylon Insert	767810
Stainless Steel	Plain	M5	A4, 316	Nylon Insert	767826
Stainless Steel	Plain	M6	A4, 316	Nylon Insert	767832
Stainless Steel	Plain	M8	A4, 316	Nylon Insert	767848
Stainless Steel	Plain	M10	A4, 316	Nylon Insert	767854
Stainless Steel	Plain	M12	A4, 316	Nylon Insert	2484539
Stainless Steel	Plain	M16	A4, 316	Nylon Insert	7976377
Stainless Steel	Plain	M20	A4, 316	Nylon Insert	7976386