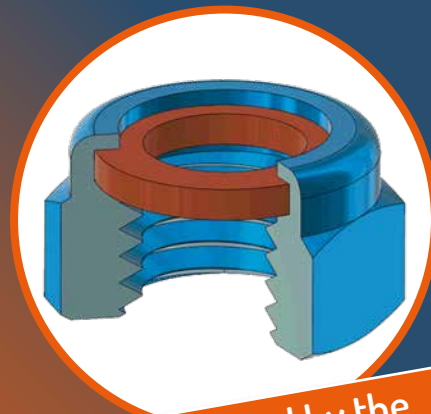




Flaig + Hommel

FH[®] NYLON-INSERT LOCK-NUT



Approved by the
Deutsche Bahn AG
in BN 205 107-03
and BN 205 107-04



Q1 - SUPPLIER



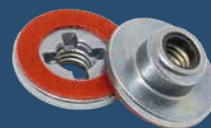
- Hexagon lock-nuts with heat resistant brown nylon ring for railway applications -
The clamping part is a heat resistant nylon ring for demanding applications and suitable for reusability.
Common features of the nylon ring includes high mechanical strength and good
high temperature performance from -50°C up to 180°C.

TECHNICAL DATA



DIMENSIONS	M3 to M39 (1/4" to 1 1/2" - All other dimensions upon request.)	
DESIGN	standard thread	DIN 982, DIN 6924, ISO 7040
	fine thread	DIN 982, DIN 6924, ISO 10512
	thin nuts	DIN 985, ISO 10511
PROPERTY CLASS ACCORDING TO DIN EN ISO 898-2	04, 05, 8, 10, 12	
STAINLESS STEELS	A2-035, A2-040, A2-70, A2-80, A4-035, A4-040, A4-70, A4-80	
PROPERTIES	<p>The clamping part is a heat resistant nylon ring for demanding applications and suitable for reusability. Common features of the nylon ring includes high mechanical strength and good high temperature performance from -50°C up to 180°C.</p> <p>Compared to conventional lock nuts, the clamping part is characterized by high aging resistance, higher mechanical strength and significantly better chemical resistance.</p>	
SURFACE COATINGS	Galvanic surfaces according to DIN EN ISO 4042 (zinc-iron, zinc-nickel, etc.), zink flake coating according to DIN EN ISO 10683, phosphating, copper-plating, QPQ, etc.	
MECHANICAL PROPERTIES	DIN EN ISO 2320 (DIN EN 20898-2/ DIN EN ISO 898-2)	
INSTRUCTION FOR INSTALLATION	general	Srew-on speed should not be set to high, to prevent the ring from overheating. (We recommend running practical tests with the screwed connections)
	stainless	We recommend using a lubricant to prevent cold welding.

01/2023 / EN



Special-purpose solutions upon request!

REFERENCES



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