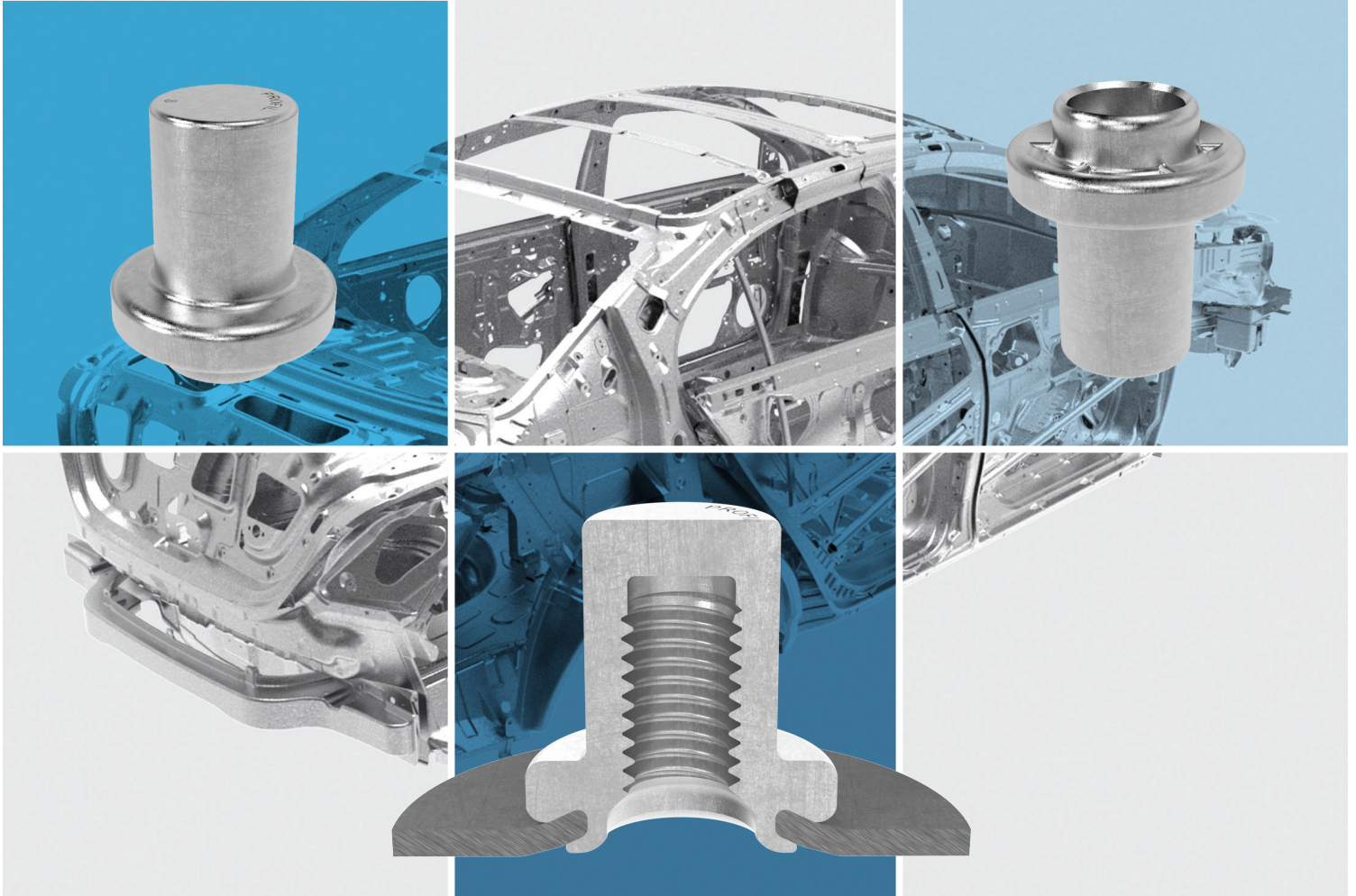
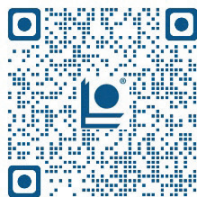


PROFIL RND® Cap Nut



Your System Supplier for **Mechanically Attached Fasteners (MAF)**



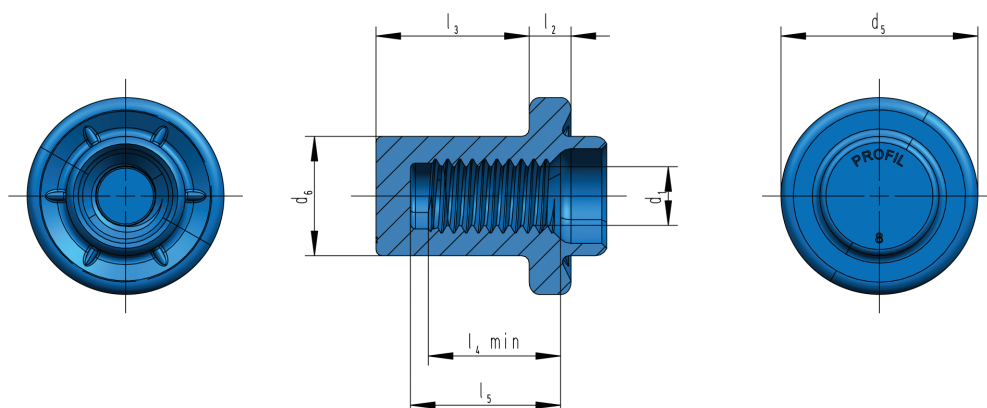
Scan QR code for more information

PROFIL RND® Cap Nut

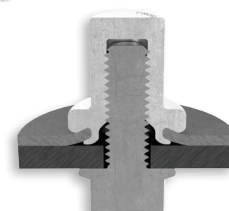
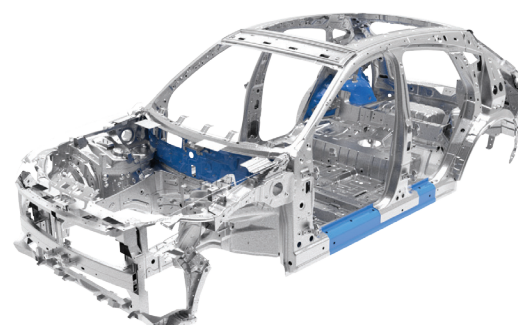
Technical Product Data Sheet

Thread size	M5 to M10
Thread tolerance	6G7H 6H7H* (according to DIN13-50)
Property class	8 or 10
Panel thickness	From 0.6 mm to 3.5 mm
Panel tensile strength	Up to 500 MPa (Class 8 Nut) up to 1000 MPa (Class 10 Nut)
Panel preparation	Pre-pierced and pre-formed
Geometrically conforming to	DIN EN ISO 898-2:2023-02
Surface coating	OEM approved
Watertightness	Leak rate < 5 • 10 ⁻⁵ mbar • l/s (IPX7)
Thread repair	Repairable with standard wire thread inserts
Torque-out resistance	High
Push-out resistance	Very high
Installation methods available	Fully automated in die, Body in White (BIW), Manual

*In case of deviation requirement contact us



Body	RND06		RND08	RND10
Thread d ₁	M5	M6	M8	M10
Pitch	0.8	1	1.25	1.25 1.5
Panel thickness [mm]	0.6 to 3.0		0.6 to 3.0	0.8 to 3.5
d ₅ [mm]	16		21.0	27.0
d ₆ [mm]	9.7		12.8	15.0
l ₂ [mm]	3.4		4.4	5.5
l ₃ [mm]	12.25		15.33	19.12



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