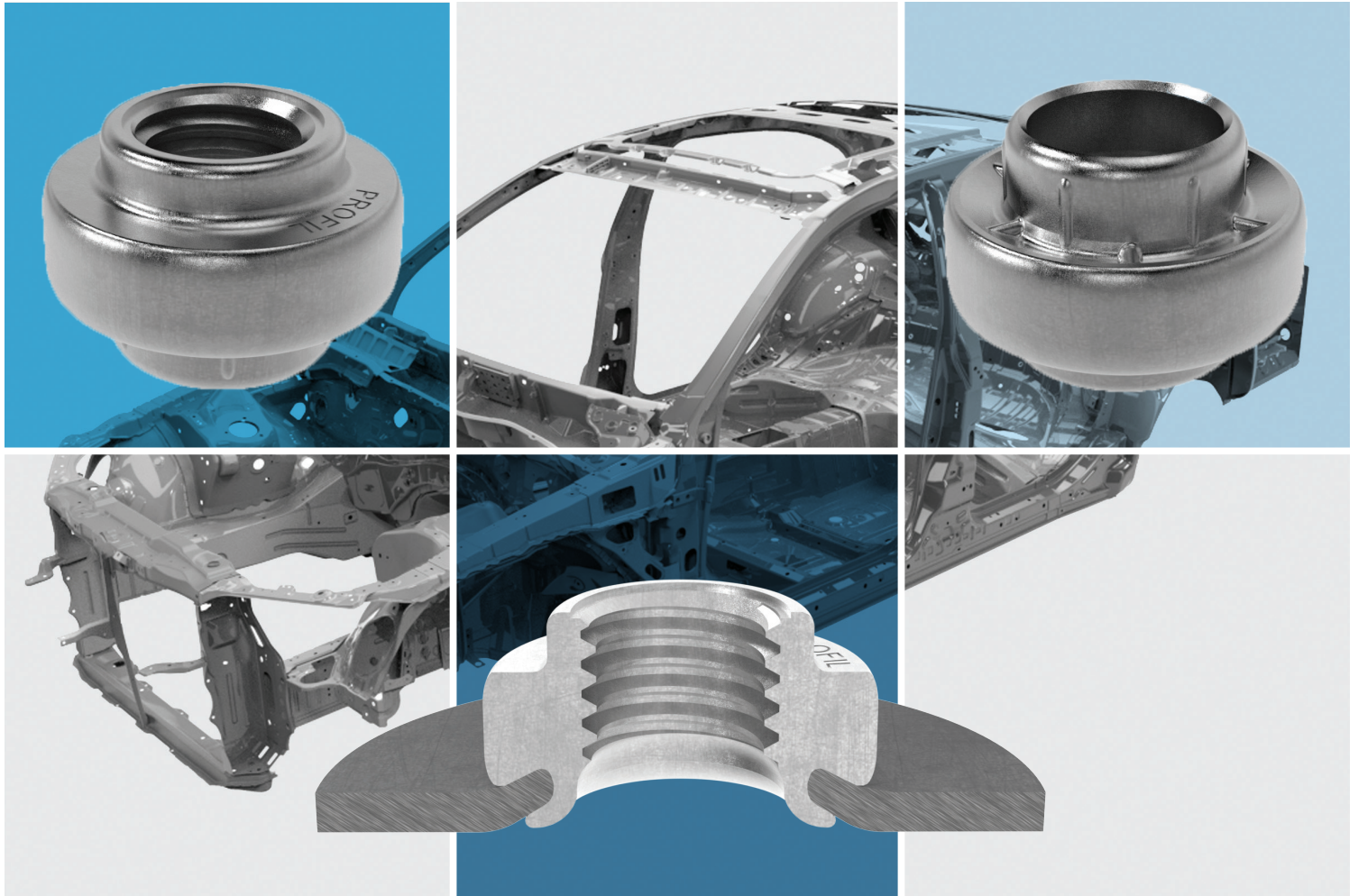
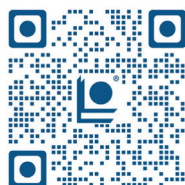


PROFIL RND Light® Round Rivet Nut



Your System Supplier for **M**echanically **A**ttached **F**asteners (**MAF**)

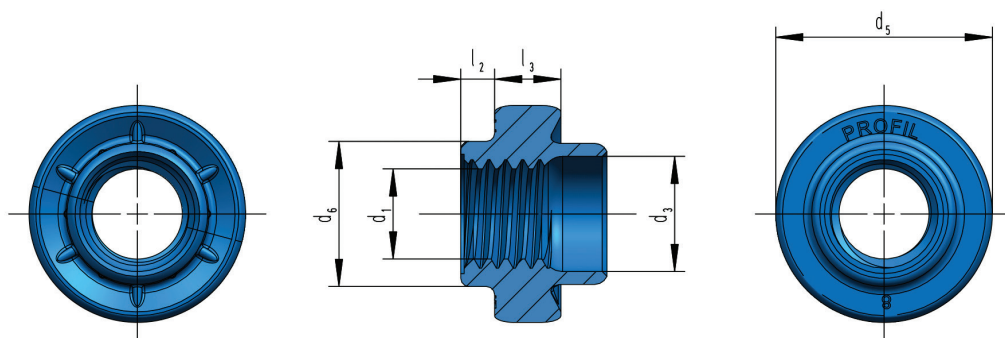


Scan QR code for more information

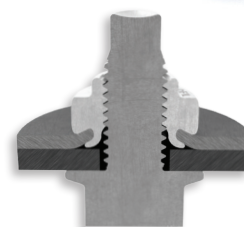
PROFIL RND Light® Round Rivet Nut

Technical Product Data Sheet

Thread size	M5 to M12
Thread tolerance	6G
Property class	8 or 10
Panel thickness	0.6 mm to 3.0 mm
Panel tensile strength	Up to 550 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 ⁻⁴ mbar · l/s (IP67)
Thread repair	Repairable with standard wire thread inserts
Torque-out resistance	High
Push-out resistance	High
Installation methode available	Fully automated in die, Body in White (BIW), Manual



Body	RNDL05	RNDL06	RNDL08	RNDL10	RNDL12
Thread	M5	M6	M8	M10	M12
Pitch	0.8	1.0	1.25	1.5	1.75
Panel Thickness [mm]	0.6 to 2.5	0.6 to 2.5	0.8 to 3.0	1.0 to 3.0	1.0 to 3.0
Ød ₂ [mm]	7.4	8.4	10.4	12.5	14.9
Ød ₃ [mm]	5.5	6.3	8.5	10.5	12.5
Ød ₅ [mm]	12.0	13.5	16.0	21.0	26.0
Ød ₆ [mm]	7.7	8.7	10.7	12.8	15.2
l ₁ [mm]	2.9	2.9	3.4	3.4	3.4
l ₂ [mm]	4.3	3.9	4.9	4.8	6.0
l ₃ [mm]	1.0	2.0	2.5	4.3	4.8



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