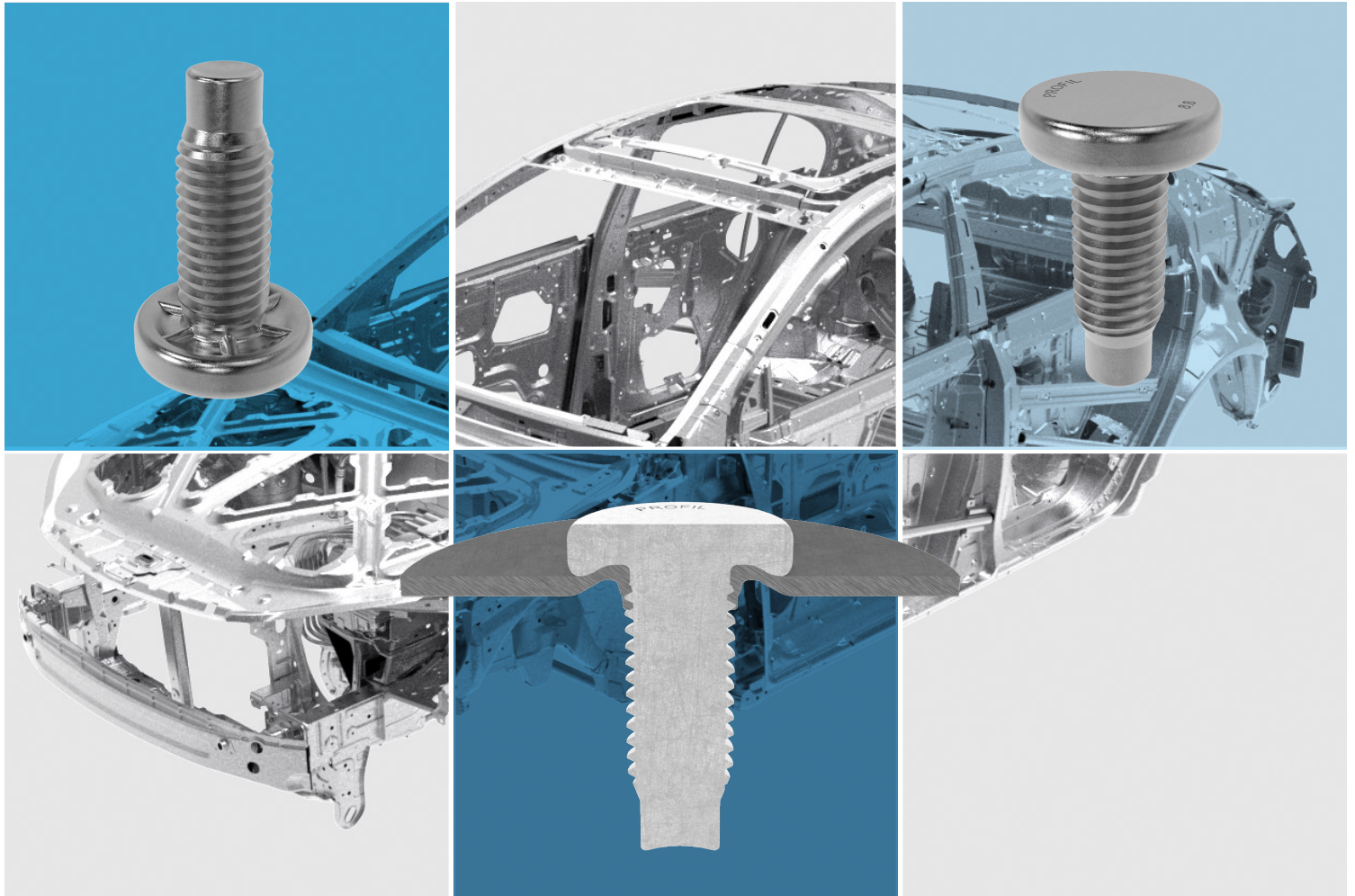


PROFIL EBF® Clinch Stud



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



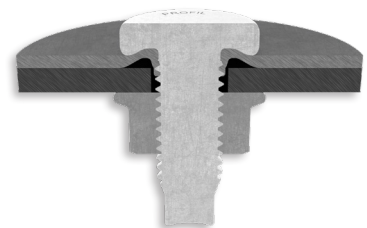
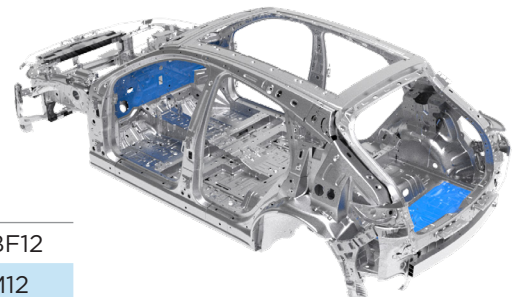
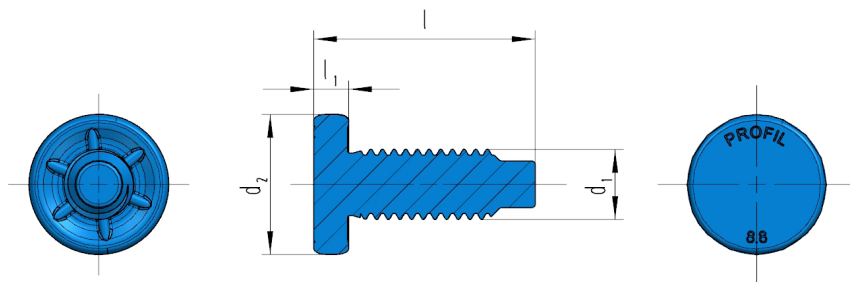
Scan QR code for more information

PROFIL EBF® Clinch Stud

Technical Product Data Sheet

Thread size	M5 to M12
Thread tolerance	6h*
Property class	8.8 or 10.9*
Panel thickness	From 1.0 mm to 4.0 mm
Panel tensile strength	Up to 800 MPa
Panel preparation	Pre-pierced and pre-formed
Geometrically conforming to	DIN EN ISO 898-1:2013-05
Surface coating	OEM approved
Watertightness	Leak rate < 5 • 10 ⁻³ mbar • l/s (IP67)
Torque-out resistance	Middle
Pull-through resistance	High
Push-out resistance	Middle
Side-load resistance	Middle
Installation methods available	Fully automated in die, Body in White (BIW), Manual

*In case of deviation requirement contact us



Body	EBF05	EBF06	EBF08	EBF10	EBF12
Thread d1	M5	M6	M8	M10	M12
Pitch	0.8	1.0	1.25	1.5	1.75
Panel thickness [mm]	1.0 to 3.0		1.0 to 3.5	1.5 to 4.0	1.5 to 4.0
d ₂ [mm]	12		16	20	24
l _{min} [mm]	10		10	10	10
l _{max} [mm]	30		40	50	
l ₁ [mm]	3.0		3.8	5.0	6.0

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