

GEOMETRIE VON ALUMINIUMPROFILIEN

Um Ihnen die Orientierung zu erleichtern, haben wir, wo es sinnvoll ist, die Geometrie des jeweils kompatiblen Aluprofiles angegeben. Zusätzlich finden Sie in der Tabelle Detailmaße und Toleranzen der wichtigsten Profilformen.

 I							PROFILE			B 						
Eckradius [mm]	Gewinde	Kerndurchmesser [mm]	Nuttiefe T [mm]	A2 [mm]	Nut	Toleranz	Rastermaß [mm]			Toleranz	Nut	A2 [mm]	Nuttiefe T [mm]	Kerndurchmesser [mm]	Gewinde	Eckradius [mm]
2.0	M5 (max. M6)	Ø 4.3 ±0.1 (drill max. Ø 6)	6.35 ±0.15	1.8 ±0.1	5 +0.3 -0.0	±0.15	20			±0.15	6 +0.3 -0.0	1.5	5.5	Ø 5.5 +0.2 -0.1	S6 M6	1.15
3.0	M6 (max. M8)	Ø 5.0 +0.2 -0.0 (drill max. Ø 8)	9.75 +0.2 -0.0	3.0 +0.00 -0.25	6.2 +0.3 -0.0	±0.2	30			±0.2	8 +0.3 -0.0	2.2	9.0	Ø 7.3 +0.2 -0.1	S8 M8	2.0
4.0 X: 1.0	S7 M8 (max. M12)	Ø 6.8 +0.0 -0.2 (drill max. Ø 13)	12.25 +0.3 -0.0	4.5 +0.3 -0.0	8 +0.4 -0.0	±0.2	40			40: ±0.6 80: ±0.8 120: ±1.0 160: ±1.6	10 +0.4 -0.0	6.0	12.5	Ø 10.0 ±0.15	S12 M12	3.0
							45			45: ±0.3 90: ±0.4 180: ±0.6 270: ±1.0 360: ±1.5	10 +0.4 -0.0	6.0	*12.5 14.5 (leichtes Profil, tiefe Nut)	Ø 10.0 ±0.15	S12 M12 (*max. M16)	3.0 90 x 90: 5.0
5.0	M10 (max. M16)	Ø 8.5 +0.1 -0.2 (drill max. Ø 16)	15.5 +0.3 -0.0	5.3 +0.3 -0.0	10 +0.4 -0.0	±0.3	50			±0.3	10 +0.4 -0.0	6.0	12.5	Ø 10.0 ±0.15	S12 M12	3.0
6.0	M12 (max. M20)	Ø 10.2 +0.0 -0.2 (drill max. Ø 20)	18.3 +0.3 -0.0	6.6 +0.3 -0.0	12 +0.4 -0.0	±0.3	60			±0.3	10 +0.4 -0.0	6.0	13.0	Ø 10.0 ±0.15 60 x 90: Ø 15.0	S12 M12	3.0 60 x 90: 5.0 60 x 90: M16

*schweres Profil, flache Nut