

# GEOMETRIE VON ALUMINIUMPROFILEN

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.

| <div> I</div> |                            |                                             |                       |                       |                     |          | PROFILE                                                                                                                                                                                                                                                                                                                                   |  |  | <div> B</div> |                    |         |                                                  |                       |                               |                         |
|------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|-----------------------|-----------------------|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------|--------------------|---------|--------------------------------------------------|-----------------------|-------------------------------|-------------------------|
| 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<br>(max. M6)            | Ø 4.3<br>±0.1<br>(drill max. Ø 6)           | 6.35<br>±0.15         | 1.8<br>±0.1           | 5<br>+0.3<br>-0.0   | ±0.15    | <div>20</div> <div> 20 x 20</div> <div> 20 x 40</div> <div> 40 x 40</div>          |  |  | ±0.15                                                                                            | 6<br>+0.3<br>-0.0  | 1.5     | 5.5                                              | Ø 5.5<br>+0.2<br>-0.1 | S6<br><br>M6                  | 1.15                    |
| 3.0                                                                                            | M6<br>(max. M8)            | Ø 5.0<br>+0.2<br>-0.0<br>(drill max. Ø 8)   | 9.75<br>+0.2<br>-0.0  | 3.0<br>+0.00<br>-0.25 | 6.2<br>+0.3<br>-0.0 | ±0.2     | <div>30</div> <div> 30 x 30</div> <div> 30 x 60</div> <div> 60 x 60</div>          |  |  | ±0.2                                                                                             | 8<br>+0.3<br>-0.0  | 2.2     | 9.0                                              | Ø 7.3<br>+0.2<br>-0.1 | S8<br><br>M8                  | 2.0                     |
| 4.0<br>X: 1.0                                                                                  | S7<br><br>M8<br>(max. M12) | Ø 6.8<br>+0.0<br>-0.2<br>(drill max. Ø 13)  | 12.25<br>+0.3<br>-0.0 | 4.5<br>+0.3<br>-0.0   | 8<br>+0.4<br>-0.0   | ±0.2     | <div>40</div> <div> 40 x 40</div> <div> 40 x 80</div> <div> 80 x 80</div>          |  |  | 40: +0.6<br>80: +0.8<br>120: +1.0<br>160: +1.6                                                   | 10<br>+0.4<br>-0.0 | 6.0     | 12.5                                             | Ø 10.0<br>±0.15       | S12<br><br>M12                | 3.0                     |
|                                                                                                |                            |                                             |                       |                       |                     |          | <div>45</div> <div> 45 x 45</div> <div> 45 x 90</div> <div> 90 x 90</div>          |  |  | 45: ±0.3<br>90: ±0.4<br>180: ±0.6<br>270: ±1.0<br>360: ±1.5                                      | 10<br>+0.4<br>-0.0 | 6.0     | *12.5<br>14.5<br>(leichtes Profil,<br>tiefe Nut) | Ø 10.0<br>±0.15       | S12<br><br>M12<br>(*max. M16) | 3.0<br><br>90 x 90: 5.0 |
| 5.0                                                                                            | M10<br>(max. M16)          | Ø 8.5<br>+0.1<br>-0.2<br>(drill max. Ø 16)  | 15.5<br>+0.3<br>-0.0  | 5.3<br>+0.3<br>-0.0   | 10<br>+0.4<br>-0.0  | ±0.3     | <div>50</div> <div> 50 x 50</div> <div> 50 x 100</div> <div> 100 x 100</div> |  |  | ±0.3                                                                                             | 10<br>+0.4<br>-0.0 | 6.0     | 12.5                                             | Ø 10.0<br>±0.15       | S12<br><br>M12                | 3.0                     |
| 6.0                                                                                            | M12<br>(max. M20)          | Ø 10.2<br>+0.0<br>-0.2<br>(drill max. Ø 20) | 18.3<br>+0.3<br>-0.0  | 6.6<br>+0.3<br>-0.0   | 12<br>+0.4<br>-0.0  | ±0.3     | <div>60</div> <div> 60 x 60</div> <div> 60 x 120</div> <div> 120 x 120</div> |  |  | ±0.3                                                                                             | 10<br>+0.4<br>-0.0 | 6.0     | 13.0                                             | Ø 10.0<br>±0.15       | S12<br><br>M12                | 3.0<br><br>60 x 90: 5.0 |
|                                                                                                |                            |                                             |                       |                       |                     |          |                                                                                                                                                                                                                                                                                                                                           |  |  |                                                                                                  |                    |         | 60 x 90: Ø 15.0                                  | 60 x 90: M16          |                               |                         |

\*schweres Profil, flache Nut