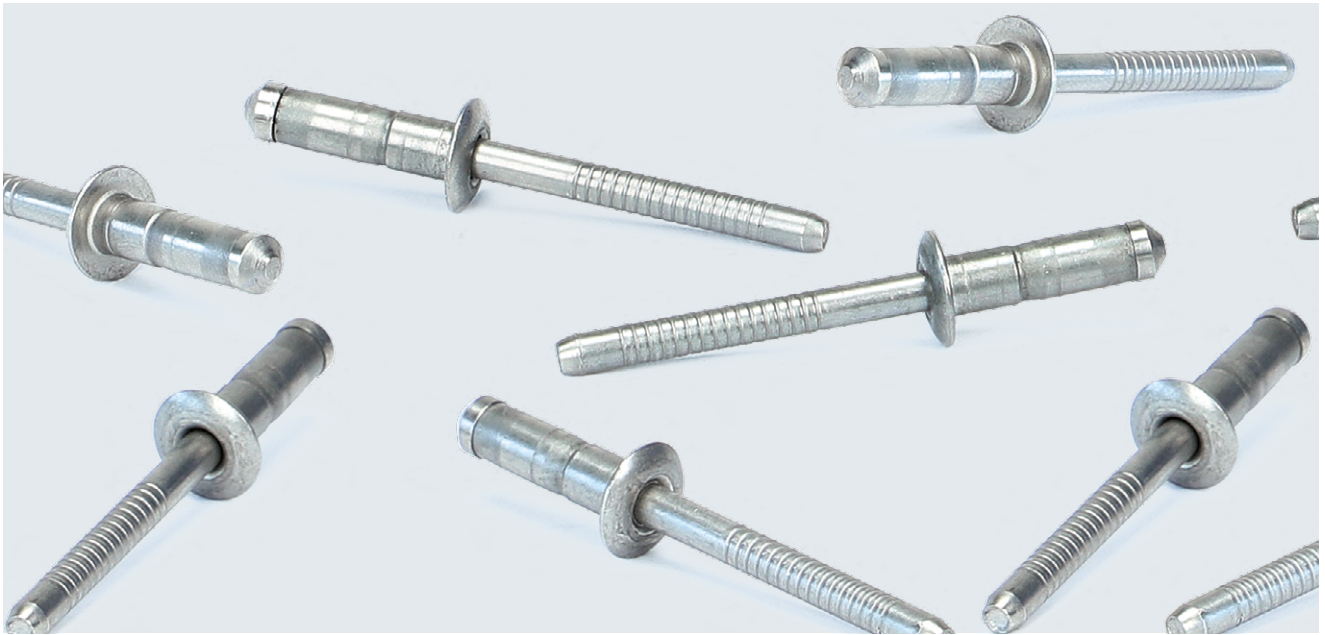




Avinox® blind rivets



Benefits at a glance

- High shear and tensile strength at break for secure, vibration-proof connections
- The Avinox stainless steel version offers high corrosion resistance and is ideal for high-temperature applications
- Large blind-side footprint
- Good load distribution on the blind side - ideal for thin materials
- Good hole filling properties compensate for hole tolerances
- Positive stem retention - no damage, malfunctions or rattling from loose mandrels

Sample applications:

- Automotive engineering
- Housing and switch cabinet construction
- HVAC
- Telecommunications
- Lighting



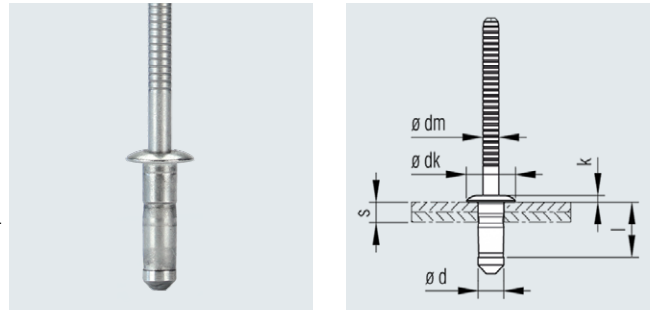
Avinox® BE61 blind rivets

Truss head

Material

Sleeve:
Stainless steel 1.4567

Mandrel:
Stainless steel 1.4301/1.4541



Nominal \varnothing d [mm]	Bore \varnothing [mm]	Grip range s [mm]	Blind sleeve l max. [mm]	Blind rivet head		Mandrel \varnothing dm max. [mm]	Nominal strength at break		Article No.
				dk max. [mm]	Height k max. [mm]		Shear ¹⁾²⁾ [N]	Tensile ¹⁾ [N]	
3.2	3.3 - 3.4	1.0 - 3.0	9.0	6.6	1.1	2.1	1600	2000	341 640 000
		3.0 - 5.0	11.5	6.6	1.1	2.1	1700	2000	341 641 000
		5.0 - 7.0	14.1	6.6	1.1	2.1	3200	2000	341 642 000
4.0	4.1 - 4.3	1.0 - 3.0	10.3	8.0	1.5	2.6	2800	4000	341 650 000
		3.0 - 5.0	12.9	8.0	1.5	2.6	5200	4000	341 651 000
		5.0 - 7.0	15.6	8.0	1.5	2.6	5200	4000	341 652 000
4.8	4.9 - 5.1	1.5 - 3.5	12.8	9.6	1.5	3.2	5500	5000	341 660 000
		3.5 - 6.0	15.4	9.6	1.5	3.2	5500	5000	341 661 000
		6.0 - 8.5	18.4	9.6	1.5	3.2	5500	5000	341 662 000

* Strengths at break relate to rivet failure.

¹⁾ Typical values

²⁾ For supporting mandrels

Other designs available on request.