

2804 Avdelok

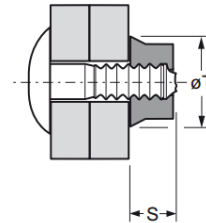
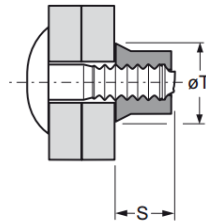
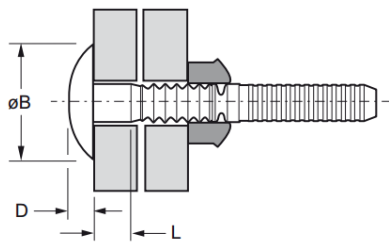
Aluminium - Large head
9.6 mm (3/8")

Features

- High shear strength for high strength assembly
- High controlled clamp provides excellent vibration resistance
- Quick to install across a wide range of applications
- Easy to inspect for tampering
- High security tamper resistance - TIR approved
- Robust and rugged installation tools

Material

- Pin: Aluminium alloy, polished (AA 2024, DIN 1725, AlCuMg2, Werkstoff 3.1355)
- Collar: Aluminium alloy, natural (BS 1473 6061, AA 6061, DIN 1725 AlMg1SiCu, Werkstoff 3.3211)



Full Collar

Half Collar

Flanged Collar

Part No. Pin	Size ø	w. Full Collar ⁽¹⁾		Hole Size	L	øB	D	Part No. Full Collar		Part No. Half Collar ⁽¹⁾		Part No. Flanged Collar ⁽²⁾					
		nom.	min.					max.	-	nom.	max.	max.	S max.	øT max.	S max.	øT max.	S max.
02804-01208	9.6 (3/8")	9.53	15.88	9.8	9.53	32.2	5.0	02837-01200	18.6	15.5	02838-01200	15.5	15.5	02839-01200	20.0	20.0	1.42
02804-01210		12.70	19.05		12.70												
02804-01212		15.88	22.23		15.88												
02804-01214		19.05	25.40		19.05												
02804-01216		22.23	28.58		22.23												
02804-01218		25.40	31.75		25.40												
02804-01220		28.58	34.93		28.58												
02804-01222		31.75	38.10		31.75												
02804-01224		34.93	41.28		34.93												
02804-01226		38.10	44.45		38.10												
02804-01228		41.28	47.63		41.28												
02804-01230		44.45	50.80		44.45												
02804-01232		47.63	53.98		47.63												

Size ø	Shear ⁽³⁾	Tension ⁽³⁾
nom.	kN	kN
9.6	18.69	18.68

- 1) Half collars increase the grip range to that of the next longest pin. Maximum grip increases by 1.57 mm for 4.8 mm and 6.4 mm fasteners and 3.18 mm for 8.0 mm and 9.6 mm fasteners.
- 2) Flanged collars are used in applications where the hole on the collar side of the application is oversize or is slotted for alignment purposes. To determine what length of pin is required, add dimension U to the thickness of material being fastened.
- 3) These figures represent minimum fastener shear and tensile strength values with the use of a full or flanged collar. When using half collars tension is reduced to approximately 45%.

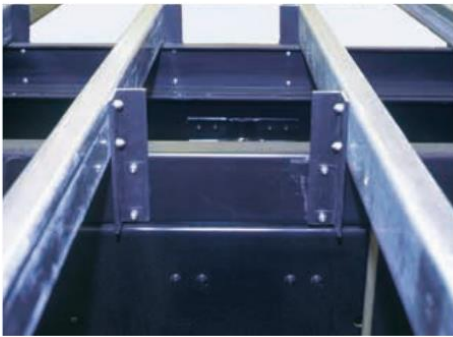
Assembly Applications

- Commercial vehicles
- Truck & trailer
- Heating systems
- Steel construction
- Solar panels
- Railway
- Mining

Heating systems



Commercial vehicles



Ventilator frame



Car seat

