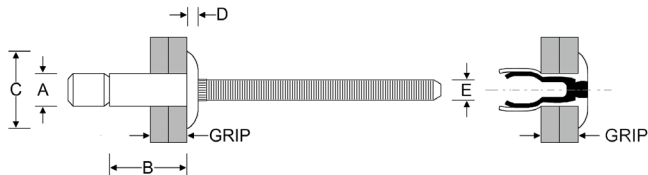


Aluminium Structural Rivets

Structural Rivets (SR) are designed with a unique mechanically locked mandrel ideal for demanding applications. The SR Series feature impressive installed values, broad grip ranges, a pressure tight seal and a flush breaking mandrel regardless of the material thickness. Widely used in the Transport Industry for assembling trailer units, Structural rivets are available in a wide combination of diameters, grip ranges, materials and head styles.



Material: Body: Aluminium 5000
Mandrel: Aluminium 7000
Finish: Body: Clear Chromate
Mandrel: Clear Chromate



DOME / LARGE FLANGE



100° COUNTERSUNK

Diameter (A) mm	Part Code	Grip Range (Min ~ Max) mm	Hole Size (±0.10) mm	B mm	C mm	D mm	E mm	Shear (Min) kN	Tensile (Min) kN	Pack Size Pcs
Dome Head										
4.80 (3/16)	SRDB-0604	1.60 ~ 6.90	5.00	10.6	10.1	2.20	3.00	2.70	2.20	50
	SRDB-0607XG	1.60 ~ 11.1		14.5						50
6.40 (1/4)	SRDB-0806	2.00 ~ 9.50	6.70	14.3	13.4	3.00	4.00	5.80	4.00	50
	SRDB-0810XG	2.00 ~ 16.0		20.6						50
9.50 (3/8)	SRDB-1212	3.05 ~ 15.9	10.0	21.1	18.7	4.45	5.80	13.1	8.40	–
100° Countersunk Head										
4.80 (3/16)	SR100-B605	3.20 ~ 8.00	5.00	13.0	8.80	2.00	3.00	2.70	2.20	100
	SR100-B608	7.00 ~ 12.7		17.0						100
6.40 (1/4)	SR100-B807	3.20 ~ 11.1	6.70	17.0	10.4	2.20	4.00	5.80	4.00	50
	SR100-B812	10.5 ~ 18.4		23.5						50
Large Flange Head										
4.80 (3/16)	SRTB-0604	1.60 ~ 6.35	5.00	10.5	12.7	1.90	2.90	2.66	2.22	100
	SRTB-0607XG	5.40 ~ 11.1		14.5						100

All diagrams and drawings are intended for illustration and measurement purposes only. Dimensions and specifications may change without prior notice. Please refer to your distributor for the most up-to-date data sheet. The test data presented offers approximate average strength values based on multiple tests conducted in various materials and thicknesses. For applications requiring precise strength figures or when the applied load approaches the published values, we strongly recommend conducting tests specific to your use case.

REVISED MAY 2025