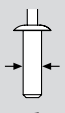
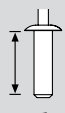
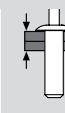


- Excellent hole fill for good joint construction
- Locked, rattle free mandrel
- Good vibration resistance
- High shear & tensile strength



F Series Domed Head

Carbon Steel
Mandrel: Carbon Steel

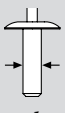
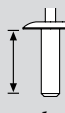
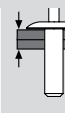
			DESCRIPTION							BULK PACK		SMALL PACK		
mm	mm	mm		mm	mm	mm	mm	N	N	ARTICLE	BOX QTY	ARTICLE	BOX QTY	kg
4.0 3.80 - 3.98	10.0 12.0	1.5 - 3.5 3.5 - 6.0	FSD4010BS	4.1 - 4.2	7.60 - 8.22	1.35	2.64	3,000	2,800	77573	5,000	89685	500	2.56
			FSD4012BS							77910	5,000	89684	500	2.82
4.8 4.65 - 4.88	12.0 15.0 17.0	1.5 - 3.5 3.5 - 6.0 6.0 - 8.5	FSD4812BS	4.9 - 5.0	9.24 - 9.80	1.60	3.20	3,600	4,250	78243	3,000	89757	500	4.17
			FSD4815BS					4,600	4,000	77317	3,000	77527	500	4.60
			FSD4817BS					5,700	3,550	78605	3,000	on request		4.83

- Excellent hole fill for good joint construction
- Locked, rattle free mandrel
- Good vibration resistance
- **Large flange increases bearing surface for weaker, thinner materials**
- Suitable for oversized holes or slots under the head



F Series Large Flange

Carbon Steel
Mandrel: Carbon Steel

			DESCRIPTION							BULK PACK		SMALL PACK		
mm	mm	mm		mm	mm	mm	mm	N	N	ARTICLE	BOX QTY	ARTICLE	BOX QTY	kg
4.8 4.65 - 4.88	12.0 15.0	1.5 - 3.5 3.5 - 6.0	FSD4812BSLF14	4.9 - 5.0	14.00 - 14.60	2.00	3.20	3,600	4,250	78272	2,000	on request		5.35
			FSD4815BSLF14					4,600	4,000	on request		on request		5.78

d =Nominal Diameter, Min - Max Diameter; l =Body Length (+/- 0.5mm); g =Grip Range (Min - Max); d_h =Hole Size (Min - Max); d_k =Flange Diameter (Min - Max);
 k =Flange Thickness (Max); d_m =Nominal Mandrel Diameter; S =Nominal Shear Strength; T =Nominal Tensile Strength