

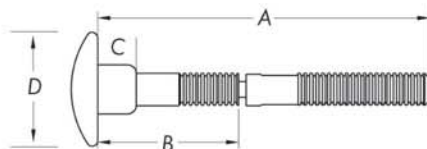


The Ultimate for GRP

FEATURES

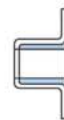
- For clamping GRP vehicle panels
- For clamping rubber to metal
- High shear strengths
- Waterproof / air tight
- Tamperproof / vibration resistant
- Customised colour schemes available
- Grip range identified by colour coded sealing washers
- Plastic encapsulated heads available

FASTAINER® BOLT



Part No.	Grip Range Min Max	A (under head length)	B (break point length)	C (shoulder length)	D (head diameter)	Hole Size	Colour Coded Grip Range
FT1209S	12.75-15.80	54 mm	14.3	-	21.6	Min 10.3	SEAL FT1209S
FT1210S	14.30-17.50	54 mm	15.9	-	21.6	Min 10.3	SEAL FT1210S
FT1211S	15.90-19.00	55 mm	17.5	4.6	21.6	Min 10.3	FT1211S
FT1212S	17.50-20.60	55 mm	19.0	6.0	21.6	Min 10.3	FT1212S
FT1213S	19.10-22.20	60 mm	20.6	7.9	21.6	Min 10.3	FT1213S
FT1214S	20.65-23.75	60 mm	22.0	9.5	21.6	Min 10.3	FT1214S
FT1215S	22.20-25.35	62 mm	23.8	10.9	21.6	Min 10.3	FT1215S
FT1216S	23.85-26.90	65 mm	25.4	12.5	21.6	Min 10.3	FT1216S
FT1217S	25.42-28.50	73 mm	27.0	14.2	21.6	Min 10.3	FT1217S
FT1218S	26.95-30.10	73 mm	28.6	14.2	21.6	Min 10.3	FT1218S
FT1219S	28.55-31.70	73 mm	30.2	14.2	21.6	Min 10.3	FT1219S
FT1220S	30.10-33.30	73 mm	31.7	14.2	21.6	Min 10.3	FT1220S
FT1222S	33.30-36.45	73 mm	34.9	14.2	21.6	Min 10.3	FT1222S
FT1224S	36.50-39.67	75.9mm	38.1	14.2	21.6	Min 10.3	FT1224S

FASTAINER® SHELL



Part No.	Flange Diameter
FTC1200X	21.5
FTC1200V	22.86
FTC1200S	25.4
FTC1200SLF	31.5



PERFORMANCE DATA

The strength of the joints may vary with the thickness and hardness of the metal sheet of the application as well as with the quality of the GRP board.

Fastener Size nom.	Clamp Force kN.	Tension	
		Minimum Grip kN.	Maximum Grip kN.
10.0	2.2	6.7	4.4