



FRS

Round-head bolt with square, DIN 603

The round-head bolt with square FRS (in line with DIN 603) is used in particular for fastening supporting structures to walls and/or ceilings. It is available in lengths from 16 to 50 mm and with threads from M6 to M12. We provide components in various materials and surface finishes to ensure that various corrosion protection requirements for different areas of application are met.

steel, galvanic zinc plated

Products	L	D	d	Ø	W
FRS 6X25	25 mm	16 mm	4 mm	6 mm	0,007 kg
FRS 8X20	20 mm	20 mm	5 mm	8 mm	0,014 kg
FRS 8X25	25 mm	20 mm	5 mm	8 mm	0,015 kg
FRS 8X35	35 mm	20 mm	5 mm	8 mm	0,018 kg
FRS 8X50	50 mm	20 mm	5 mm	8 mm	0,022 kg
FRS 10X30	30 mm	24 mm	6 mm	10 mm	0,027 kg
FRS 12X30	30 mm	30 mm	8 mm	12 mm	0,047 kg

steel, batch/hot-dip galvanized

Products	L	D	d	Ø	W
FRS 10X20F	30 mm	24 mm	6 mm	10 mm	0,028 kg
FRS 10X30F	30 mm	24 mm	6 mm	10 mm	0,028 kg
FRS 12X30F	30 mm	30 mm	8 mm	12 mm	0,049 kg

Stainless steel, according to ASTM 304 / BS 304 S 3

Products	L	D	d	Ø	W
FRS 6X16E	16 mm	16 mm	4 mm	6 mm	0,006 kg

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PRODUCT INFORMATION

Products	L	D	d	Ø	W
FRS 6X20E	20 mm	16 mm	4 mm	6 mm	0,006 kg
FRS 6X25E	25 mm	16 mm	4 mm	6 mm	0,007 kg
FRS 6X50E	50 mm	16 mm	4 mm	6 mm	0,014 kg
FRS 8X20E	20 mm	20 mm	5 mm	8 mm	0,014 kg
FRS 8X25E	25 mm	20 mm	5 mm	8 mm	0,014 kg
FRS 8X35E	35 mm	20 mm	5 mm	8 mm	0,018 kg
FRS 8X50E	50 mm	20 mm	5 mm	8 mm	0,022 kg
FRS 10X30E	30 mm	24 mm	6 mm	10 mm	0,029 kg
FRS 12X30E	30 mm	30 mm	8 mm	12 mm	0,051 kg

Stainless steel, according to ASTM 316 Ti / AISI 316 L, BS 320S17 / BS 316S11

Products	L	D	d	Ø	W
FRS 6X20E4	20 mm	16 mm	4 mm	6 mm	0,008 kg
FRS 8X25E4	25 mm	20 mm	5 mm	8 mm	0,014 kg
FRS 8X50E4	50 mm	20 mm	5 mm	8 mm	0,023 kg

L: length
D: diameter
d: thickness
Ø: thread diameter
W: Weight per storage unit

DETAIL AND APPLICATION IMAGES



