

# product datasheet

## self tapping masonry screw



www.evolutionfasteners.co.uk



Countersunk Head



Slotted Hex Head



<b>Designed for:</b>	Fixing timber battens, trunking, track and general components into concrete and masonry.
<b>Head Style:</b>	Countersunk or slotted hexagonal
<b>Drive Bit:</b>	Phillips 2 for countersunk, 5/16" hex for slotted hex head
<b>Thread Form:</b>	High low
<b>Drill Point:</b>	Nail point
<b>Coating:</b>	500hr blue Ruspert®
<b>Shank Material:</b>	Carbon steel
<b>Material Grade:</b>	AISI C1022
<b>Effective Thread Length:</b>	Fully threaded

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Self-tapping Masonry Screw with Countersunk Head							
Product Code	Size	Box Qty	Carton Qty	Fixture Thickness	Min. Drill Depth	Min. Embedment Depth	Pilot Hole
MSCSK4.8-32-2	4.8 x 32mm	100	3,200	0.0mm - 7.0mm	33.0mm	25mm	4mm
MSCSK4.8-45-2	4.8 x 45mm	100	2,400	5.0mm - 20mm	33.0mm	32mm	4mm
MSCSK4.8-57-2	4.8 x 57mm	100	2,400	17.0mm - 32.0mm	33.0mm	32mm	4mm
MSCSK4.8-70-2	4.8 x 70mm	100	2,500	30.0mm - 45.0mm	33.0mm	32mm	4mm
MSCSK4.8-82-2	4.8 x 82mm	100	2,500	42.0mm - 57.0mm	33.0mm	32mm	4mm
MSCSK4.8-100-2	4.8 x 100mm	100	1,400	60.0mm - 75.0mm	33.0mm	32mm	4mm
MSCSK6.3-45-3	6.3 x 45mm	100	3,000	5.0mm - 20.0mm	33.0mm	32mm	5mm
MSCSK6.3-57-3	6.3 x 57mm	100	2,000	17.0mm - 32.0mm	33.0mm	32mm	5mm
MSCSK6.3-70-3	6.3 x 70mm	100	1,600	30.0mm - 45.0mm	33.0mm	32mm	5mm
MSCSK6.3-82-3	6.3 x 82mm	100	1,200	42.0mm - 57.0mm	33.0mm	32mm	5mm
MSCSK6.3-100-3	6.3 x 100mm	100	1,200	60.0mm 75.0mm	33.0mm	32mm	5mm
MSCSK6.3-125-3	6.3 x 125mm	100	800	85.0mm 100.00mm	33.0mm	32mm	5mm

Self-tapping Masonry Screw with Slotted Hex Head							
Product Code	Size	Box Qty	Carton Qty	Fixture Thickness	Min. Drill Depth	Min. Embedment Depth	Pilot Hole
MSHH6.3-32-516	6.3 x 32mm	100	3,200	0.0mm - 7.0mm	33.0mm	25mm	4mm
MSHH6.3-45-516	6.3 x 45mm	100	2,400	5.0mm - 20mm	33.0mm	32mm	4mm
MSHH6.3-57-516	6.3 x 57mm	100	2,400	17.0mm - 32.0mm	33.0mm	32mm	4mm
MSHH6.3-70-516	6.3 x 70mm	100	2,500	30.0mm - 45.0mm	33.0mm	32mm	4mm
MSHH6.3-82-516	6.3 x 82mm	100	2,500	42.0mm - 57.0mm	33.0mm	32mm	4mm

Ultimate Pull Out Values								
Embedment Depth	35N/mm <sup>2</sup> Concrete		Common Masonry		Dense Block		Hollow Beam	
	4.8mm Diameter	6.3mm Diameter	4.8mm Diameter	6.3mm Diameter	4.8mm Diameter	6.3mm Diameter	4.8mm Diameter	6.3mm Diameter
25mm	2.5kN	5.6kN	1.3kN	2.0kN	1.5kN	2.5kN	N/A	N/A
30mm	3.3kN	7.0kN	1.5kN	2.5kN	1.7kN	3.0kN	5.0kN	9.7kN
35mm	4.2kN	8.8kN	2.3kN	3.0kN	2.0kN	4.0kN	5.4kN	10.2kN
40mm	5.2kN	11.0kN	3.2kN	4.0kN	2.5kN	4.7kN	N/A	N/A

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Masonry Screws



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