

PRODUCT DATA

Metal SDS Flanged Hex Head

Applications	
<ul style="list-style-type: none"> • Wall cladding • Sheds • Fencing and gates • Metal to metal fixing • Hinges into metal post, gate and doors 	

Material	C1022 Hardened
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Finish	X9 Coating
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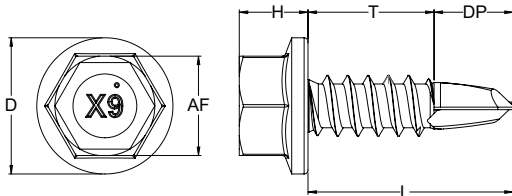


10 Gauge Hex Head

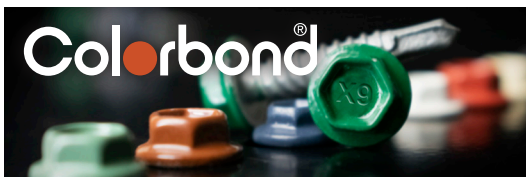
X9 ProteXion coating is suitable for ISO 9223 Category 4 environments.



Dimensions



Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head Height	Head ø	Drive Size
				L (mm)	T (mm)	DP (mm)	H (mm)	D (mm)	AF (inch)
T9PM9FH1016016	QH180	10	16	16	9.8	6.2	5	11	HEX 5/16
T9PM9FH1016025	QH185	10	16	25	18.8	6.2	5	11	HEX 5/16



Refer to our documents online for a complete list of available Colorbond® colours.

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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Pullout Values

Plate (Purlin)	Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
G2	0.8	1150	1000	400
G2	1.2	2100	1750	700
G550	1.6	4750	4300	1700
G450	2.0	6300	6000	2400
G450	2.5	8000	7350	2950
G2	3.0	8150	7450	3000

Mechanical Properties

Torsional Strength	¹ Mean Tensile Strength	¹ Mean Shear Strength	² Characteristic Tensile Strength	² Characteristic Shear Strength	² Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)	(N)
14.1	21200	12700	20850	12500	7800

Drill Point Test

Plate (Purlin)	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
	(mm)	(kg)	(RPM)	(Max. individual) Seconds	(Max. average) Seconds
G450	2.5	24	2200	3	2.5

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Installation

1. Use a cordless screw gun set between 2,200–3,000 RPM. Fit the HEX Drive Bit over the screw and place at the fastening position.
2. Apply consistently firm pressure to the screw driver while the screw is drilling.
3. Care should be taken not to over-tighten the screw.

*Installation with impact drivers not recommended.

Recommended for use with:

MAGNETIC NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPNSS31045	BA18	45
TXDIPNSS31065	B090	65



Recommended
HEX 5/16 Magnetic
Nut Setter

MAGNETIC NUT SETTER S2 ALLOY STEEL BLACK / STANDARD DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDDPNSS31045	B025	45
TXDDPNSS31065	B050	65
TXDDPNSS31100	B060	100
TXDDPNSS31150	B075	150



Recommended
HEX 5/16 Magnetic
Nut Setter

SPRING NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPSS31065	BA48	65
TXDIPSS31150	BA49	150



Recommended
HEX 5/16 Spring
Nut Setter

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