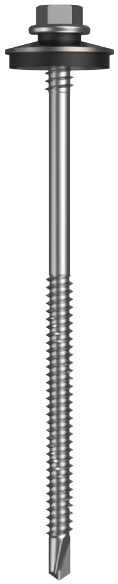
PRODUCT DATA

BDX Metal Cyclone — Multiseal

Applications
• Fastening metal roofing sheets to steel frames in areas of high wind • Longer lengths cover different thicknesses of roofing insulation • Assembled with a 25mm OD aluminium bonded washer • Suitable for all roofing profiles • Sheds

BDX®

XGRiP

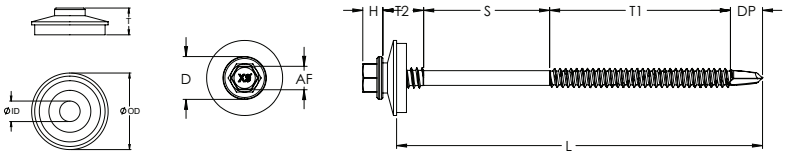


Material	1022 C1022 Hardened
Finish	X9 X9 Coating

14 Gauge Hex Head

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

Dimensions



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

Part	QFind	Gauge	TPI	Length	Thread Length		Shank	Drill Point Length	Head Height	Head ø	Drive Size
				L (mm)	T1 (mm)	T2 (mm)	S (mm)	DP (mm)	H (mm)	D (mm)	AF (inch)
T9PM9YG1414125	**QC06**	14	14	125	60	12	43	10	6.5	14	HEX 3/8
T9PM9YG1414150	**QC07**	14	14	150	100	12	28	10	6.5	14	HEX 3/8
T9PM9YG1414175	**QC08**	14	14	175	100	12	53	10	6.5	14	HEX 3/8
T9PM9YG1414205	**QC09**	14	14	205	100	12	83	10	6.5	14	HEX 3/8
T9PM9YG1414230	**QC10**	14	14	230	100	12	108	10	6.5	14	HEX 3/8

Washer	Outer Diameter (OD) mm	Inner Diameter (ID) mm	Thickness (T) mm
	25	6.5	11.5

PRODUCT DATA

BDX Metal Cyclone — Multiseal

Pullout Values

Plate (Purlin)	Metal Plate Thickness	[1]Mean Load	[2]Characteristic Load	[3]Working Load
	(mm)	(N)	(N)	(N)
G2	0.7	1150	1000	400
G2	1.1	2050	1850	750
G2	1.5	4600	4200	1700
G450	1.9	6000	5650	2250
G450	2.4	8700	8300	3300
G2	2.9	8000	7500	3000

Mechanical Properties

Torsional Strength	[1]Mean Tensile Strength	[1]Mean Shear Strength	[2]Characteristic Tensile Strength	[2]Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
16.9	21800	13100	16150	9700

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	1.9	18	2200	6	5

Note: 1000N = 1kN
[1] Mean Load/Strength is the average ultimate strength of samples tested.
[2] Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.
[3] Working Load is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor of Safety (FOS=2.5 for steel, FOS=2.5 for timber and FOS=3.0 for concrete) are already included.

All values are obtained under laboratory conditions. Safety factors should be considered for design purposes.
Actual pullout loads may differ slightly depending on certain properties of the base material.

PRODUCT DATA

BDX Metal Cyclone — Multiseal

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 / STANDARD DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDDPNSS37045	**B030**	45
TXDDPNSS37065	**B055**	65

Recommended
HEX 3/8 Magnetic Nut Setter

SPRING NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDIPSS37065	**BA50**	50
TXDIPSS37150	**BA51**	75

Recommended
HEX 3/8 Spring Nut Setter

MAGNETIC NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDIPNSS37045	**BA22**	45
TXDIPNSS37065	**B095**	65
TXDIPNSS37150	**BA23**	150

Recommended
HEX 3/8 Magnetic Nut Setter