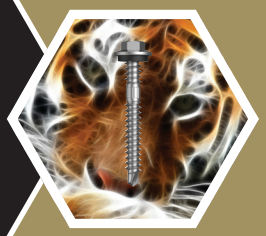
PRODUCT DATA



Metal Plasterboard Bugle Screws

Metal Plasterboard **Self Drilling Screw (SDS) #06-20**

Applications
• For fixing plasterboard to walls/wall studs/ceilings • Plasterboard into steel frame

Material	1022 C1022 Hardened
Finish	B-PH Black Phosphate

6 Gauge Bugle Head

Pullout Values				
Plate (Purlin)	**Metal Plate Thickness**	**[1]Mean Load**	**[2]Characteristic Load**	**[3]Working Load**
	(mm)	**(N)**	**(N)**	**(N)**
G550	0.5	750	550	200
G2	0.7	800	650	250
G2	1.2	1300	1200	450
G550	2.0	2500	2000	800

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	1.5	18	2200	4.5	3

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)**
2.7	7400	4450	6400	3850

Note: 1000N = 1kN

[1] Mean Load/Strength: the average ultimate strength of samples tested.

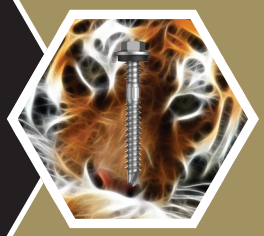
[2] Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

[3] Working Load: the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factors of Safety (FOS=2.5 for steel, FOS=2.5 for timber and FOS=3.0 for concrete) are already included.

DRiLLX®

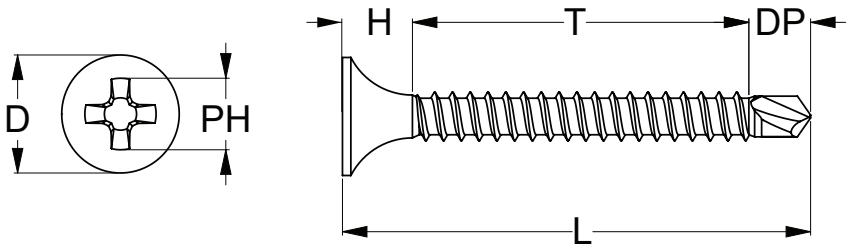
All values are obtained under laboratory conditions using DRiLLX product. Safety factors should be considered for design purposes. Actual pullout loads may differ slightly depending on certain properties of the base material.

PRODUCT DATA

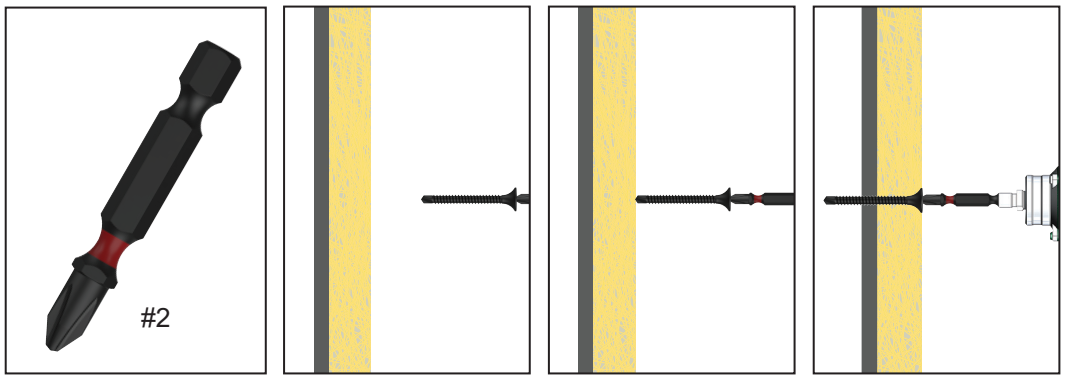


Metal Plasterboard Bugle Screws

Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	T (mm)	DP (mm)	H (mm)	D (mm)	PH	
T9PMLBP0620025	**QT120**	6	20	25	15.5	4.0	5.5	8.2	Phillips #2	3000
T9PMLBP0620032	**QT121**			32	22.5					1000
T9PMLBP0620041	**QT122**			41	31.5					1000



Installation



Recommended
Phillips Size #2 Drive Bit:

Part	QFind	Length
		(mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150

Installation Guide

1. Use a cordless screw driver set at 2200–3000 RPM.
2. Consistently apply firm pressure to the screw driver while drilling.
3. Take care not to overtighten the screw.

*Installation with impact drivers not recommended.