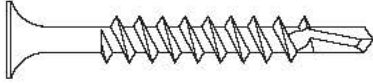


Product Specification Sheet

3.5mm – 4.8mm Bugle Head DRIVALL® Self Drill ® PART #13A –B10500

Self-drilling screws used to attach drywall to heavy gauge metal 0.9- 3.5 mm
Finish - Black/Gray Phosphate, Clear Zinc and GRABBERGARD



Bugle
Head



Drill Point



#2 Phillips
Drive



LOCK



APPLICATION:

Grabber Bugle Head Self-tapping fasteners for attaching gypsum board to 0.9 – 3.5 mm gauge steel in walls and ceiling
6mm – 19mm single-layer gypsum board to steel studs and track
6mm – 19mm and multiple-layer gypsum board to steel studs and track
Steel or wood cabinets through single-layer gypsum board to steel studs, 0.9 – 3.5 mm steel
OSB or plywood to 0.9 – 3.5 mm steel

DRILLING CAPACITY:

≤3.50 mm G550 (80 ksi)

FEATURE BENEFITS:

Bugle head creates a smooth professional finish
A fine-thread screw for general interior applications
Ideal for use with 0.9 – 3.5 mm steel 12 – 15 threads per inch
Super sharp, #3 Drivall® drill Point, designed to penetrate steel quickly and easily
#2 Phillips recess drive
The Bugle head is designed to seat fast and easily into soft wood or drywall, creating a flush surface finish.

INSTALLATION INSTRUCTIONS:

Use a standard screwgun with a depth-sensitive nose piece.
Suggested screwgun specifications for optimal performance: – 4 amps minimum, and RPM range of 1800 – 2500.
The bugle head is fully seated when the head is flush with the work surface.
Overdriving may result in failure of the DRIVALL® or strip out of the work surface.
The #3 point must penetrate beyond the metal a minimum of three thread pitches.

MATERIAL:

Carbon steel SAE 1022 | Heat Treat SAE J78 |

SPECIFICATIONS:

Standards	AS/NZ 3566	EN 14566:2009-10	IRC IBC 2006, 2009, 20012
Nominal screw diameter (mm)	3.5 mm	4.2 mm	4.8 mm
Head Diameter	8.0 mm	8.0 mm	10.1 mm
Screw lengths (mm)	25-41 mm	51-76 mm	89-152 mm
Type of thread	Double Lead		
Recess Type	(ISO 4757)	(DIN 7962)	Cross recess #2

Product Specification Sheet

3.5mm – 4.8mm

Bugle Head DRIVALL®

MECHANICAL PROPERTIES

SCREW VALUES Fastener Strength (Pss)			Fastener Strength (Pss) NOMINAL (tested)		
Designation	Nominal Diameter	Head Diameter	TPI	Tension, (P) kN	Shear (Pss) kN
TEEN Series	3.5	8	15	6.1	5.2
TEEN Series	3.8	8	15	7.4	5.8
30 Series	4.2	8	15	9.8	5.9
B10 Series	4.8	10.1	15	11.2	9
SIZE		3.5	3.8	4.2	4.8
Minimum Torsional torque \geq (Nm)		2.71	4.06	4.74	6.89
Fire behavior (EN13501-1:2007)		A1			
Surface hardness		>55 HRC			
Pull-out MIN. 0.6 metal		> 450 N			

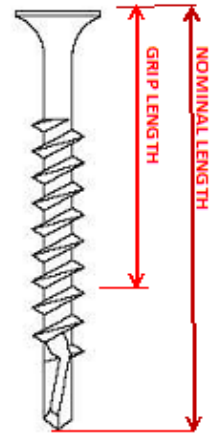
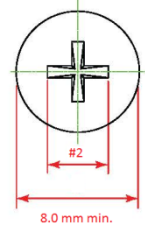
CORROSION PERFORMANCE:

STANDARD CORROSION TEST RESULTS			
Surface protection:			
"Phosphate" (ISO 4042)	"Zinc" (ISO 4042)	"Yellow Zinc" (ISO 4042)	"Grabbergard" (ISO 4042)
>11 g/m ²	$\geq 5 \mu\text{m A} \dots \text{E}$	$\geq 5 \mu\text{m A} \dots \text{G}$	$\geq 20 \mu\text{m}$
(ISO9227)	(ISO9227)	(ISO9227)	(ISO9227)
≥ 24 hours	≥ 48 hours	≥ 48 hours	≥ 1000 hours

SIZE AND ORDERING INFORMATION

ITEM	GAUGE LENGTH	QTY.	lbs.	LENGTH METRIC	Kg.
13A	6x1	10 M	33	25 mm	15
14RG	6x1-1/4	8 M	32	32 mm	14.5
14ZA	6x1-1/4	8 M	33	32 mm	15
15A	6x1-5/8	5 M	27	41 mm	12.3
15RG	6x1-5/8	5 M	22	41 mm	10
15ZA	6x1-5/8	5 M	27	41 mm	12.3
16A	6x1-7/8	4 M	27	47 mm	12.3
16ZA	6x1-7/8	4 M	27	47 mm	12.3
16RG	6x1-7/8	4 M	26	47 mm	11.8
30SRG	8x2-3/8	3 M	28	60 mm	12.7
30SRG	8x2-3/8	3 M	28	60 mm	12.7
14Z8LOX	8x1-1/4	1 M	7	32 mm	3.2
30MRG	8x2-5/8	2 M	20	66 mm	9.1
30LRG	8x3	2 M	20	76 mm	9.1
B10350SDL2RG	10x3-1/2	1 M	22	89 mm	10
B10350SDL2Z	10x3-1/2	1 M	22	89 mm	10
B10350SDRG	10x3-1/2	1 M	22	89 mm	10
B10350SDZ	10x3-1/2	1 M	22	89 mm	10
B10400SDL2Z	10x4	1 M	24	102 mm	10.9
B10400SDRG	10x4	1 M	24	102 mm	10.9
B10400SDZ	10x4	1 M	24	102 mm	10.9
B10450LYZ	10x4-1/2	1 M	25	115 mm	11.4
B10500SDL2Z	10x5	1 M	26	127 mm	11.8
B10500SDRG	10x5	1 M	26	127 mm	11.8
B10500SDZ	10x5	1 M	26	127 mm	11.8

All values nominal unless otherwise stated. Normal manufacturing tolerances apply.



NOMINAL DIAMETER	NOMINAL LENGTH			GRIP LENGTH	
3.5	1	25	mm	17	mm
3.5	1 1/8	29	mm	20	mm
3.5	1 1/4	32	mm	23	mm
3.5	1 5/8	41	mm	33	mm
4.2	1 7/8	48	mm	39	mm
4.2	2	51	mm	42	mm
4.2	2 1/4	57	mm	49	mm
4.8	2 1/2	64	mm	55	mm
4.8	3	76	mm	68	mm