

10G COUNTERSUNK HEAD SELF DRILLING SCREWS

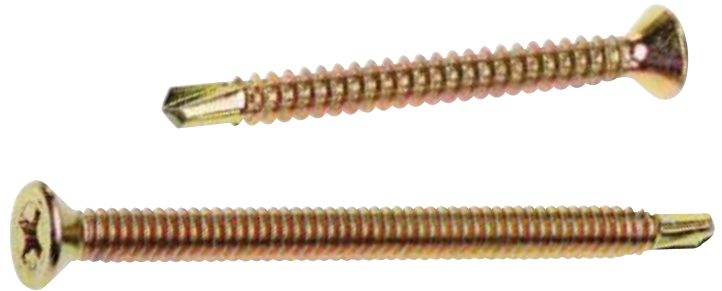
ZINC PLATED

Carbon steel self drilling screws in zinc yellow coating for internal use. Quoted lengths are from under the head to the tip of the screw. For effective fixing the drill point and a few threads must be completely drill through the two mating materials.

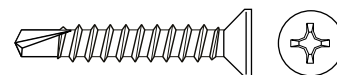
Longer screws feature a smooth shank run out (will not have thread all the way) this does not effect the grip range of the screw as the effective length is consider from under the head to just above the drill point.

Drill capacity is the thickness of the metal material.

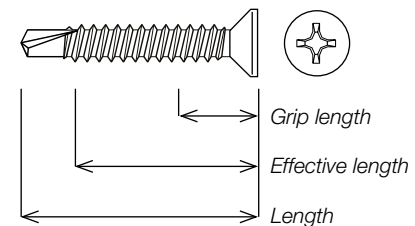
- phillips drive
- self drill point no.3
- carbon steel heat treated to AS3566.1
- electroplated zinc



10-16
(coarse)



10-24
(fine)



Gauge	Threads	Driver	Available Lengths	Drill Capacity
10g	16	P2	25 - 65mm	0.75 - 3.5mm
10g	24	P2	25 - 65mm	1.2 - 5.0mm

CHARACTERISTICS

MECHANICAL PROPERTIES			
Screw	Single Shear (N)	Axial Tensile (N)	Torsional Strength (Nm)
10g-16	5700	12100	8.4
10g-24	6200	11400	8.6

PULL OUT DATA (kN) G450 Steel						
Screw	1.0mm	1.2mm	1.5mm	1.9mm	2.4mm	3.2mm
10g-16	2.8	3.5	4.3	5.8	8.3	9.5
10g-24	-	-	-	5.8	7.6	9.3

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes.