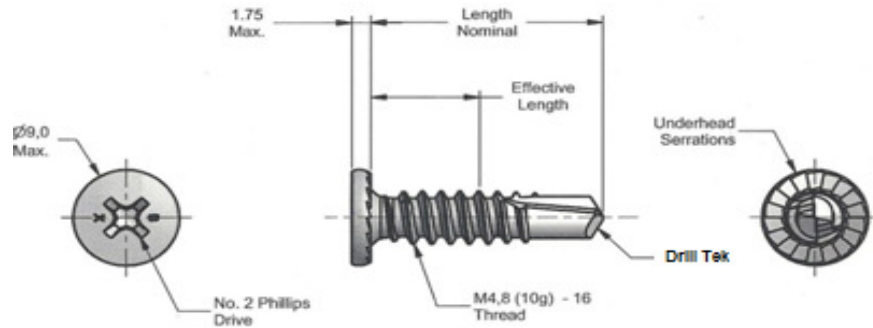


SELF DRILLING SCREW SPECIFICATIONS

Light Steel Framing Screws

Type 1: With Flat Head



Low profile head useful for steel framing applications, where the screw must fit flush within the dimple to allow for a smooth finish for cladding or lining materials over the top

Used for drilling and fastening purlins

Phillips Cross Drive PH2 for 10 - 16 x 20mm and PH3 for 12 - 8 x 20mm

Screw Dimensions

Part Number	Gauge	TPI	Length	Effective length	Quantity (in Nos)
	10	16	20mm	7.25 minimum	1000/Box
	12	8	20mm	7.25 minimum	1000/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)	Reference Standard
10	6.8	11.9	8.4	AS3566.1-2002
12	8.8	15.3	13.2	AS3566.1-2002

Coating Specifications

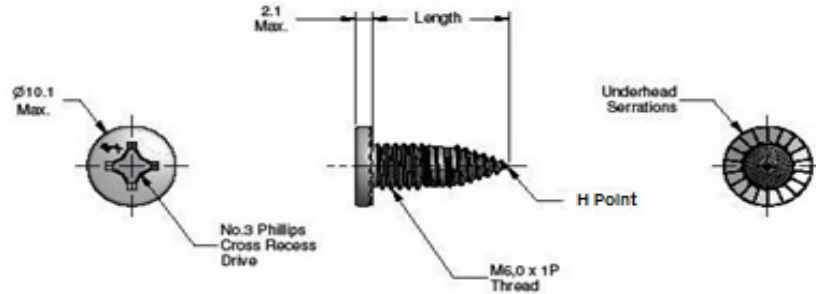
Coating	Color	Requirement	Reference Standard
<i>E Coat</i>	Light Grey	1000 Hrs Salt Spray Tested as per AS2331.3.1	AS3566.2-2002 Class 3

Others

Packing	<i>Loose and Collated</i>
Material	<i>Carbon Steel SAE1022</i>
Heat treatment	<i>As per AS3566.1</i>
Special Instruction	<i>For 0.9 to 2 mm steel</i>

Light Steel Framing Screws

Type 2: H Fix



Specialised fastener for transportable and modular buildings or pre-fabricated steel framing that will be transported long distance.

Pin point (PP) suitable for pre-punched holes metal 0.55mm to 1.15mm

Phillips Cross Drive PH3

Screw Dimension

Part Number	Gauge	TPI	Length	Quantity (in Nos)
	M6	20	15	1000/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)	Reference Standard
M6	10.8	20.6	19.6	AS3566.1-2002

Coating Specifications

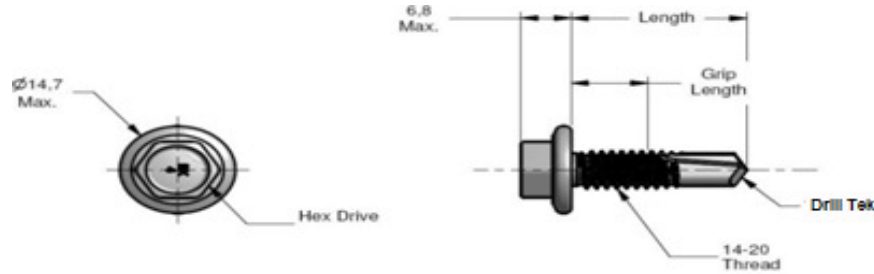
Coating	Color	Requirement	Reference Standard
<i>E Coat</i>	Light Grey	1000 Hrs Salt Spray Tested as per AS2331.3.1	AS3566.2-2002 Class 3

Others

Packing	<i>Loose</i>
Material	<i>Carbon Steel SAE1022</i>
Heat treatment	<i>As per AS3566.1</i>
Special Instruction	<i>For 0.55mm to 1.15 mm steel</i>

Light Steel Framing Screws

Type 3: Truss Connector



Hex Head provides high installation torque and ideal for metal to metal application.

Drill point enables drilling into medium to heavy gauge steel.

5/16 Hex head driver

Screw Dimensions

Part Number	Gauge	TPI	Length	Quantity (in Nos)
	10	14 and 16	16mm, 20 mm and 25 mm	500/Box
	12	14 and 16	16mm, 20 mm and 25 mm	500/Box
	14	14 and 16	16mm, 20 mm and 25 mm	500/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)	Reference Standard
10	6.8	11.9	8.4	AS3566.1-2002
12	8.8	15.3	13.2	AS3566.1-2002
14	10.9	19.7	18.5	AS3566.1-2002

Coating Specifications

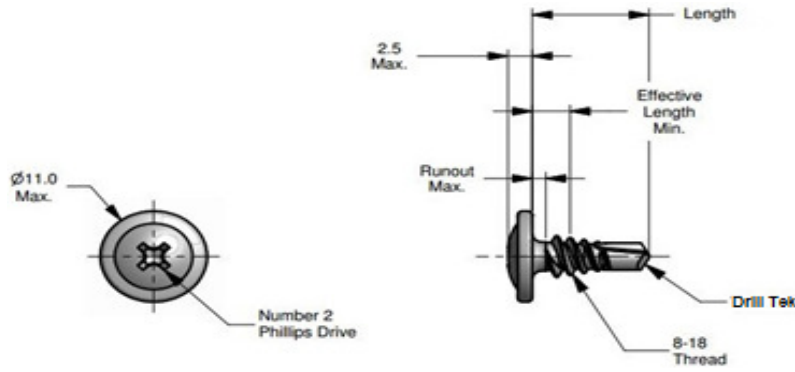
Coating	Color	Requirement	Reference Standard
E-Coat	Light Grey	1000 Hrs or 2000 Hrs Salt Spray Tested as per AS2331.3.1	AS3566.2-2002 Class 3
Zinc	White	24 Hrs or 48 Hrs	ASTM B117

Others

Packing	<i>Loose and Collated</i>
Material	<i>Carbon Steel SAE1022</i>
Heat treatment	<i>As per AS3566.1</i>
Washer	<i>Bonded and cut</i>
Special Instruction	<i>For 0.75mm to 2 mm steel</i>

Light Steel Framing Screws

Type 4: Button Head Screw for Non-Structural Works



Suitable for attaching building wrap/weather barrier to steel framing

Phillips Cross Drive PH2

Screw Dimensions

Part Number	Gauge	TPI	Length	Quantity (in Nos)
	8	18	16mm	1000/Box
	8	18	25mm	1000/Box
	8	18	32mm	1000/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)	Reference Standard
8	5.1	6.3	5.9	AS3566.1-2002

Coating Specifications

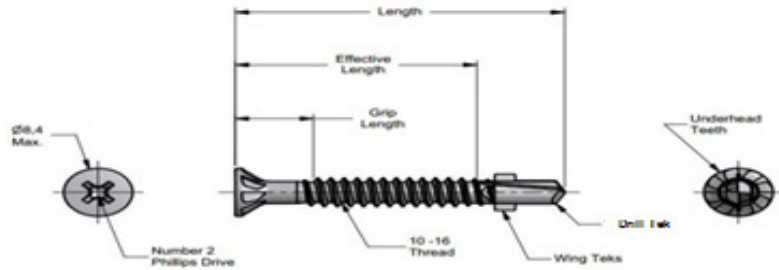
Coating	Color	Requirement
Yellow Zinc	Yellow	24 Hrs and 48 Hrs in accordance with ASTM B117

Others

Packing	<i>Loose</i>
Material	<i>Carbon Steel SAE1022</i>
Heat treatment	<i>As per AS3566.1</i>
Special Instruction	<i>For 0.75mm to 2 mm steel</i>

Dry wall Screws

Type 1: Hi Fix Countersunk Rib Head with Wings for Fibre Cement Board



Ideal for fixing fiber cement board on steel purlin. Underhead teeth for countersinking the head into the board

Phillips Cross Drive PH2

Screw Dimensions

Part Number	Gauge	TPI	Length	Quantity (in Nos)
	10	16	45mm	500/Box
	10	16	40mm	500/Box
	10	16	35mm	1000/Box
	10	16	25mm	1000/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)	Reference Standard
10	6.8	11.9	8.4	AS3566.1-2002

Coating Specifications

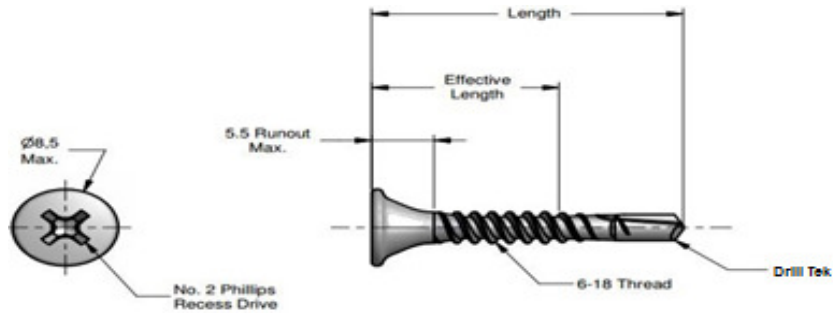
Coating	Color	Requirement	Reference Standard
<i>E Coat</i>	Light Grey	1000 Hrs Salt Spray Tested as per AS2331.3.1	AS3566.2-2002 Class 3
<i>Ruspert</i>	Light Grey	1000 Hrs Salt Spray Tested	

Others

Packing	<i>Loose</i>
Material	<i>Carbon Steel SAE1022</i>
Heat treatment	<i>As per AS3566.1</i>

Dry Wall Screws

Type 2: Gypsum Board Screws



Bugle head to fit below the top of the plaster board.

Screw Specification

Part Number	Gauge	TPI	Length	Quantity (in Nos)
	6 and 8	20	25mm	1000/Box
	6 and 8	20	35mm	1000/Box
	6 and 8	20	42mm	1000/Box
	6 and 8	20	55mm	500/Box

Technical Specification

Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)
20	5.1	6.3	5.9

Coating Specifications

Coating	Color	Requirement	Reference Standard
Zinc	White	24 Hrs or 48 Hrs	ASTM B117
Black Phosphate	Black	1000 Hrs salt spray testing	

Others

Packing	Loose
Material	Carbon Steel SAE1022
Heat treatment	As per AS3566.1
Special Instruction	For 0.75mm to 1.6 mm steel
Screw Point	These screws are also available in sharp point

Roofing Screws					
Screw Specifications					
Screw Images	Gauge	TPI/Length	Washer Type	Quantity (in Nos)	
	10	16 x 16	None	1000/Box	
				Cut washer	1000/Box
		16 x 25	None	1000/Box	
			Cut washer	1000/Box	
	12	14 x 20	None	500/Box	
			Cut washer	500/Box	
		14 x 35	Cut washer		
		14 x 55	Cut washer	1000/Box	
		14 x 68	Cut washer	1000/Box	
	14	10 x 25	None	500/Box	
			Cut washer	500/Box	
		20 x 45	Cut washer	1000/Box	
10 x 65		Cut washer	1000/Box		
	10 x 75	Cut washer	500/Box		

Technical Specification			
Screw Gauge/TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)
10	6.8	11.9	8.4
12	8.8	15.3	13.2
14	10.9	19.7	18.5

Coating Specifications			
Coating	Color	Requirement	Reference Standard
Ruspert	Light Grey	2000 Hrs Salt Spray Tested	ASTM B117
Zinc	White	24 Hrs or 48 Hrs	ASTM B117

Others	
<i>Packing</i>	<i>Loose</i>
<i>Material</i>	<i>Carbon Steel SAE1022</i>
<i>Heat treatment</i>	<i>As per AS3566.1</i>
<i>Additional Information</i>	<i>All the above are also available in bonded washer</i>