Roofing Fasteners&Plates



Insulation Roofing Fasteners



#12 Standard Roofing Fasteners

#12 TGR Standard Roofing Screws, designed to fix insulation to steel (Max 2.0mm) and timber, Heavier Shank(4.3mm) and deep buttress thread ensure high turque and high pullout resistance.

Product Description

Thread Diameter: 5.58mm(0.220'')

Shank Diameter: 4.3mm(0.169'')

Head Diameter: 11.2mm(0.435'')

Head Type: #3 Phillips Flat Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or plastic plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-PHT1201	1-5/8''	Full	1000PCS/Bucket	5.71
TSR-PHT1202	2-1/4''	Full	1000PCS/Bucket	8.09
TSR-PHT1203	3''	3''	1000PCS/Bucket	11.32
TSR-PHT1204	4''	3''	1000PCS/Bucket	13.2
TSR-PHT1205	5''	4''	1000PCS/Bucket	16.35
TSR-PHT1206	6''	4''	1000PCS/Bucket	18.86
TSR-PHT1207	7''	4''	1000PCS/Bucket	22.64
TSR-PHT1208	8''	4''	1000PCS/Bucket	23.59

***For sizes or specifications not listed, please contact us for further information**

Insulation Roofing Fasteners



#14 Heavy Duty Roofing Fasteners-Truss Head

#14 TGR Heavy Duty Roofing Screws, designed for fixing insulation to steel (Max 2.0mm) and wood constructure, Heavier Shank(4.8mm) and deep buttress thread ensure high turque and high pullout resistance, max 406mm length could meet most of the applications.

Product Description

Thread Diameter: 6.22mm(0.245'')

Shank Diameter: 4.8mm(0.190'')

Head Diameter: 11.2mm(0.435'')

Head Type: #3 Phillips Truss Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or plastic plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-PHT141A	1-1/4''	Full	1000PCS/Bucket	5.44
TSR-PHT141B	1-3/4''	Full	1000PCS/Bucket	7.26
TSR-PHT1402	2''	Full	1000PCS/Bucket	8.16
TSR-PHT1403	3''	Full	1000PCS/Bucket	11.79
TSR-PHT1404	4''	3''	1000PCS/Bucket	15.42
TSR-PHT1405	5''	4''	500PCS/Bucket	9.96
TSR-PHT1406	6''	4''	500PCS/Bucket	11.79
TSR-PHT1407	7''	4''	500PCS/Bucket	13.61
TSR-PHT1408	8''	4''	500PCS/Bucket	15.42
TSR-PHT1409	9''	4''	500PCS/Bucket	16.78
TSR-PHT1410	10''	4''	500PCS/Bucket	18.14
TSR-PHT1411	11''	4''	500PCS/Bucket	19.95
TSR-PHT1412	12''	4''	250PCS/Bucket	11.34
TSR-PHT1414	14''	4''	250PCS/Bucket	13.15
TSR-PHT1416	16''	4''	250PCS/Bucket	16.78

***For sizes or specifications not listed, please contact us for further information**

Insulation Roofing Fasteners



#14 Heavy Duty Roofing Fasteners-Flat Head

#14 TGR Heavy Duty Roofing Screws, designed for fixing insulation to steel (Max 2.0mm) and wood constructure, Heavier Shank(4.8mm) and deep buttress thread ensure high turque and high pullout resistance, max 406mm length could meet most of the applications.

Product Description

Thread Diameter: 6.22mm(0.245'')

Shank Diameter: 4.8mm(0.190'')

Head Diameter: 11.2mm(0.435'')

Head Type: #3 Phillips Flat Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or plastic plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-FHT141A	1-1/4''	Full	1000PCS/Bucket	5.44
TSR-FHT141B	1-3/4''	Full	1000PCS/Bucket	7.26
TSR-FHT1402	2''	Full	1000PCS/Bucket	8.16
TSR-FHT1403	3''	Full	1000PCS/Bucket	11.79
TSR-FHT1404	4''	3''	1000PCS/Bucket	15.42
TSR-FHT1405	5''	4''	500PCS/Bucket	9.96
TSR-FHT1406	6''	4''	500PCS/Bucket	11.79
TSR-FHT1407	7''	4''	500PCS/Bucket	13.61
TSR-FHT1408	8''	4''	500PCS/Bucket	15.42
TSR-FHT1409	9''	4''	500PCS/Bucket	16.78
TSR-FHT1410	10''	4''	500PCS/Bucket	18.14
TSR-FHT1411	11''	4''	500PCS/Bucket	19.95
TSR-FHT1412	12''	4''	250PCS/Bucket	11.34
TSR-FHT1414	14''	4''	250PCS/Bucket	13.15
TSR-FHT1416	16''	4''	250PCS/Bucket	16.78

***For sizes or specifications not listed, please contact us for further information**



#15 Extra Heavy Duty Roofing Fasteners

#15 TGR Extra Heavy Duty Roofing Screws is specialized high-performance fastener designed to fix insulation and membrane to steel, O.S.B., or aluminum roof decks. Heavier Shank(5.25mm) and deep buttress thread ensure high turque and high pullout resistance, max 406mm length could meet most of the applications.

Product Description

Thread Diameter: 6.99mm(0.275'')

Shank Diameter: 5.25mm(0.206'')

Head Diameter: 11.2mm(0.435'')

Head Type: #3 Phillips Truss Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or other plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-PHT1502	2''	Full	1000PCS/Bucket	9.53
TSR-PHT1503	3''	Full	1000PCS/Bucket	13.61
TSR-PHT1504	4''	3''	1000PCS/Bucket	17.69
TSR-PHT1505	5''	4''	500PCS/Bucket	11.34
TSR-PHT1506	6''	4''	500PCS/Bucket	13.15
TSR-PHT1507	7''	4''	500PCS/Bucket	14.79
TSR-PHT1508	8''	4''	500PCS/Bucket	17.24
TSR-PHT1509	9''	4''	500PCS/Bucket	18.60
TSR-PHT1510	10''	4''	500PCS/Bucket	20.87
TSR-PHT1511	11''	4''	500PCS/Bucket	23.59
TSR-PHT1512	12''	4''	250PCS/Bucket	12.48
TSR-PHT1514	14''	4''	250PCS/Bucket	14.97
TSR-PHT1516	16''	4''	250PCS/Bucket	17.24

***For sizes or specifications not listed, please contact us for further information**



#15 Extra Heavy Duty Roofing Fasteners

#15 TGR Extra Heavy Duty Roofing Screws is specialized high-performance fastener designed to fix insulation and membrane to steel, O.S.B., or aluminum roof decks. Heavier Shank(5.25mm) and deep buttress thread ensure high turque and high pullout resistance, max 406mm length could meet most of the applications.

Product Description

Thread Diameter: 6.99mm(0.275'')

Shank Diameter: 5.25mm(0.206'')

Head Diameter: 11.2mm(0.435'')

Head Type: #3 Phillips Flat Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

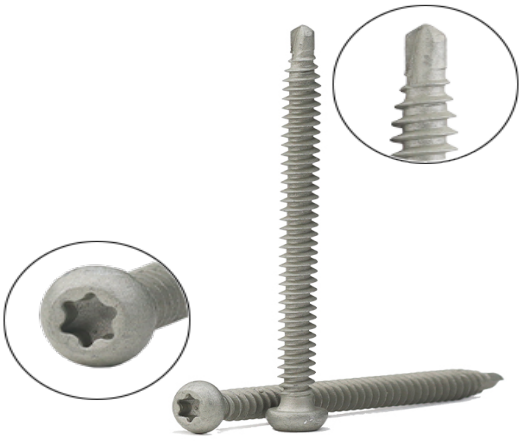
Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or other plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-PHT1502	2''	Full	1000PCS/Bucket	9.53
TSR-PHT1503	3''	Full	1000PCS/Bucket	13.61
TSR-PHT1504	4''	3''	1000PCS/Bucket	17.69
TSR-PHT1505	5''	4''	500PCS/Bucket	11.34
TSR-PHT1506	6''	4''	500PCS/Bucket	13.15
TSR-PHT1507	7''	4''	500PCS/Bucket	14.79
TSR-PHT1508	8''	4''	500PCS/Bucket	17.24
TSR-PHT1509	9''	4''	500PCS/Bucket	18.60
TSR-PHT1510	10''	4''	500PCS/Bucket	20.87
TSR-PHT1511	11''	4''	500PCS/Bucket	23.59
TSR-PHT1512	12''	4''	250PCS/Bucket	12.48
TSR-PHT1514	14''	4''	250PCS/Bucket	14.97
TSR-PHT1516	16''	4''	250PCS/Bucket	17.24

***For sizes or specifications not listed, please contact us for further information**



#12 Standard Roofing Fasteners

#12 TGR Standard Roofing Screws, designed to fix insulation to steel (Max 2.0mm) and timber, Heavier Shank(4.3mm) and deep buttress thread ensure high turque and high pullout resistance.

Product Description

Thread Diameter: 5.58mm(0.220'')

Shank Diameter: 4.3mm(0.169'')

Head Diameter: 11.2mm(0.435'')

Head Type: T30 Torx Pan Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

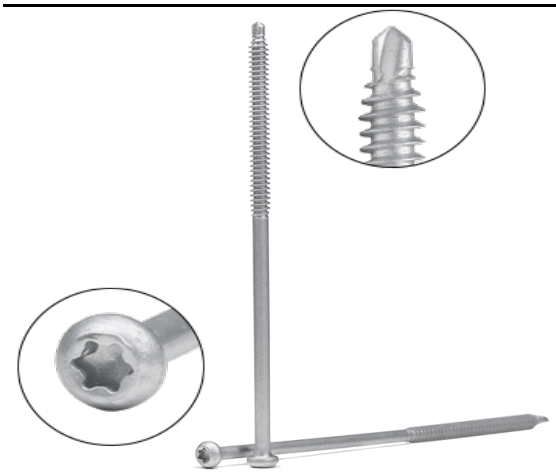
Plates & Accessories

Use 3" (76 mm) steel plates or plastic plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-TPT1201	1-5/8''	Full	1000PCS/Bucket	5.71
TSR-TPT1202	2-1/4''	Full	1000PCS/Bucket	8.09
TSR-TPT1203	3''	3''	1000PCS/Bucket	11.32
TSR-TPT1204	4''	3''	1000PCS/Bucket	13.2
TSR-TPT1205	5''	4''	1000PCS/Bucket	16.35
TSR-TPT1206	6''	4''	1000PCS/Bucket	18.86
TSR-TPT1207	7''	4''	1000PCS/Bucket	22.64
TSR-TPT1208	8''	4''	1000PCS/Bucket	23.59

***For sizes or specifications not listed, please contact us for further information**

Insulation Roofing Fasteners



#14 Heavy Duty Roofing Fasteners-Torx

#14 TGR Heavy Duty Roofing Screws is specialized high-performance fastener designed to fix insulation and membrane to steel, O.S.B., or aluminum roof decks. Deep buttress thread ensure high turque and high pullout resistance, max 406mm length could meet most of the applications.

Product Description

Thread Diameter: 6.30mm(0.248'')

Shank Diameter: 4.90mm(0.193'')

Head Diameter: 10.5mm(0.413'')

Head Type: T30 Torx Pan Head

Material

Heat Treated Steel C1022

Surface Treatment

Standard: CR-10 Corrosion Resistant Coating

Customized: 500-2000H NSS/5-30 Cycles of Kesternich

Application

Insulation&Membrane Fixing

Advantage

Sharp drill point for faster drilling speed.

Heavier shank diameter generate more torque.

Plates & Accessories

Use 3" (76 mm) steel plates or other plates, depending upon the application.

Model No.	Size	Thread	Packing	Weight(Kgs)
TSR-TPT141A	1-1/4''	Full	1000PCS/Bucket	5.44
TSR-TPT141B	1-3/4''	Full	1000PCS/Bucket	7.26
TSR-TPT1402	2''	Full	1000PCS/Bucket	8.16
TSR-TPT1403	3''	Full	1000PCS/Bucket	11.79
TSR-TPT1404	4''	3''	1000PCS/Bucket	15.42
TSR-TPT1405	5''	4''	500PCS/Bucket	9.96
TSR-TPT1406	6''	4''	500PCS/Bucket	11.79
TSR-TPT1407	7''	4''	500PCS/Bucket	13.61
TSR-TPT1408	8''	4''	500PCS/Bucket	15.42
TSR-TPT1409	9''	4''	500PCS/Bucket	16.78
TSR-TPT1410	10''	4''	500PCS/Bucket	18.14
TSR-TPT1411	11''	4''	500PCS/Bucket	19.95
TSR-TPT1412	12''	4''	250PCS/Bucket	11.34
TSR-TPT1414	14''	4''	250PCS/Bucket	13.15
TSR-TPT1416	16''	4''	250PCS/Bucket	16.78

***For sizes or specifications not listed, please contact us for further information**



2'' Metal Seam Plate

2” Metal Seam Plate is used within fully bonded seams to attach reinforced and non-reinforced single-ply membranes to the substrate. Used with #14 #15, purlin, fluted concrete nail or 1/4” concrete spike fasteners in roofing systerm applications.

Product Description

Diameter: 50.8mm(2'')

Thickness: 0.03" (0.76 mm)

Hole Size: 6.73mm(0.265'')

Application

Insulation&Membrane Fixing

Material

AZ-55 Galvalume Steel Sheet

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-RP-1	2''	0.03''	1000PCS/Bucket	12.25



3'' Metal Seam Plate

3” Metal Seam Plate is used within fully bonded seams to attach reinforced and non-reinforced single-ply membranes to the substrate. Used with #14 #15, purlin, fluted concrete nail or 1/4” concrete spike fasteners in roofing systerm applications.

Product Description

Diameter: 76.0mm(3'')

Thickness: 0.02" (0.5 mm)

Hole Size: 6.73mm(0.265'')

Application

Insulation&Membrane Fixing

Material

AZ-55 Galvalume Steel Sheet

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-RP-2	3''	0.02''	1000PCS/Bucket	16.50

***For sizes or specifications not listed, please contact us for further information**

2-3/8'' Barbed Metal Seam Plate



2-3/8” Barbed Metal Seam Plates are used to fix reinforced single-ply and modified bituminous membranes to the substrate. Used with #14 #15, purlin, fluted concrete nail or 1/4” concrete spike fasteners in roofing systerm applications.

Product Description

Diameter: 60mm(2-3/8'')

Thickness: 0.04" (1.0 mm)

Hole Size: 6.95mm(0.272'')

Material

AZ-55 Galvalume Steel Sheet

Application

Insulation&Membrane Fixing

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-BP-1	2-3/8''	0.04''	1000PCS/Bucket	22.60

3'' Barbed Metal Seam Plate



3” Metal Seam Plate Plates are specially designed to be used with TGR All-Purpose, Heavy-Duty, Concrete Drive and Stainless Steel Fasteners in roofing applications.

Product Description

Diameter: 76.0mm(3'')

Thickness: 0.017" (0.43 mm)-0.023''(0.58mm)

Hole Size: 6.73mm(0.265'')

Material

AZ-55 Galvalume Steel Sheet

Application

Insulation&Membrane Fixing

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-RP-3	3''	0.02''	1000PCS/Bucket	16.50

***For sizes or specifications not listed, please contact us for further information**

2-3/8'' Barbed Metal Seam Plate



2-3/8” Barbed Metal Seam Plates are used to fix reinforced single-ply and modified bituminous membranes to the substrate. Used with #14 #15, purlin, fluted concrete nail or 1/4” concrete spike fasteners in roofing systerm applications.

Product Description

Diameter: 60mm(2-3/8'')

Thickness: 0.024" (0.8 mm)

Hole Size: 6.85mm(0.270'')

Application

Insulation&Membrane Fixing

Material

AZ-55 Galvalume Steel Sheet

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-BP-2	2-3/8''	0.024''	1000PCS/Bucket	18.60

2-3/8'' Metal Seam Plate



2-3/8” Metal Seam Plate Plates are specially designed to be used with TGR All-Purpose, Heavy-Duty, Concrete Drive and Stainless Steel Fasteners in roofing applications.

Product Description

Diameter: 60mm(2-3/8'')

Thickness: 0.024" (0.8 mm)

Hole Size: 6.73mm(0.265'')

Application

Insulation&Membrane Fixing

Material

AZ-55 Galvalume Steel Sheet

Corrosion Resistance

Could meet the requirement of FM4470

Model No.	Size	Thickness	Packing	Weight(Kgs)
TSR-BP-3	2-3/8''	0.024''	1000PCS/Bucket	18.60

***For sizes or specifications not listed, please contact us for further information**