Straps (Mats)
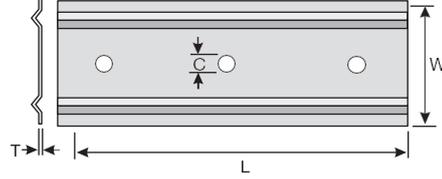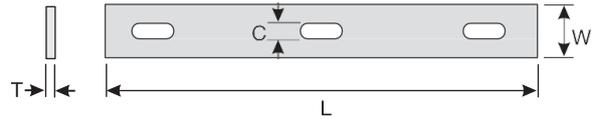
Category: Mesh

W-Strap (Mat)
— T = 12, 14, 16 gauge
— W = 5" to 13"
— L = 54" to 240"
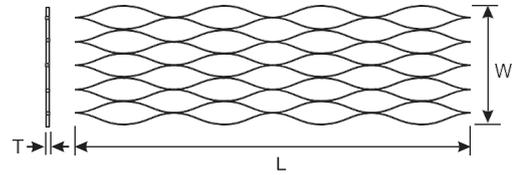— C = hole size/spacing to customer specs

Rock bolt strap
— A36 material (36,000 psi yield)
— T = 12 gauge to 1/4"
— W = 4" to 8
— L = 48" to 120"
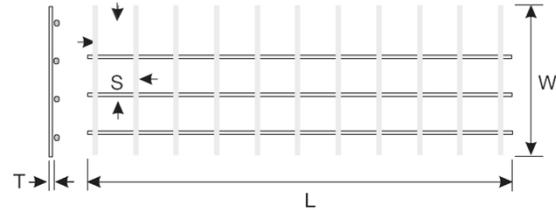— C = hole/slot size/spacing to spec

Expanded metal mesh strap
— 1008 material (30,000 psi yield)
— T = 8 gauge (0.164")
— W = 15"
— L = 88.5"
— Deburred for safer handling

Welded wire mesh strap
— To ASTM A185 specifications
— T = 0/0 gauge (0.306")
— W = 12"
— L = 84" to 240"
— S = 4" x 4" spacing

Customized options available upon request.

ORSO Strap

Physical Properties

Typical Yield Strength of Wire	Minimum Ultimate Strength Wire	Material Grade
400MPa	500-800MPa	Hard drawn low carbon wire

Nominal Length	Roll Width	Cross Wire Diameter	Longitudinal Wire Size	Mass	Aperture
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
1000-6000	300	6.3	10	4.1	170 x 62

Key features

— Commonly used when surface support is required in environments with ongoing deformation or seismically active.

— The longitudinal wire strand is able to slip under load conditions through the cross wires to distribute load over several bolts.

— OSRO straps provide a large surface confinement to loose rock that can form between bolts.

— Weld specification AS/NZ4680.

— Corrosion protection can be provided by hot dip galvanising.

Standard lengths & packaging

— Typical lengths: 1000mm,2000mm,3000mm,4000mm,5000mm,5800mm,6000mm by 300mm width.

— Standard packs of 25, Custom packaging by negotiation.

Notes

— It is Quality Assured to ISO 9001:2015

Product accessories examples

— We manufacture a comprehensive range of products specifically designed for this mesh.

Products

Product Group	Butterfly Plate	Thread Bar	Bolts
Product Imagery			

Legal disclaimer

All dimensions, weights, quantities, and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local representative for final confirmation of any key specifications.

Scan to get our app

iOS   Android