Stainless steel cable mesh sizing guide :
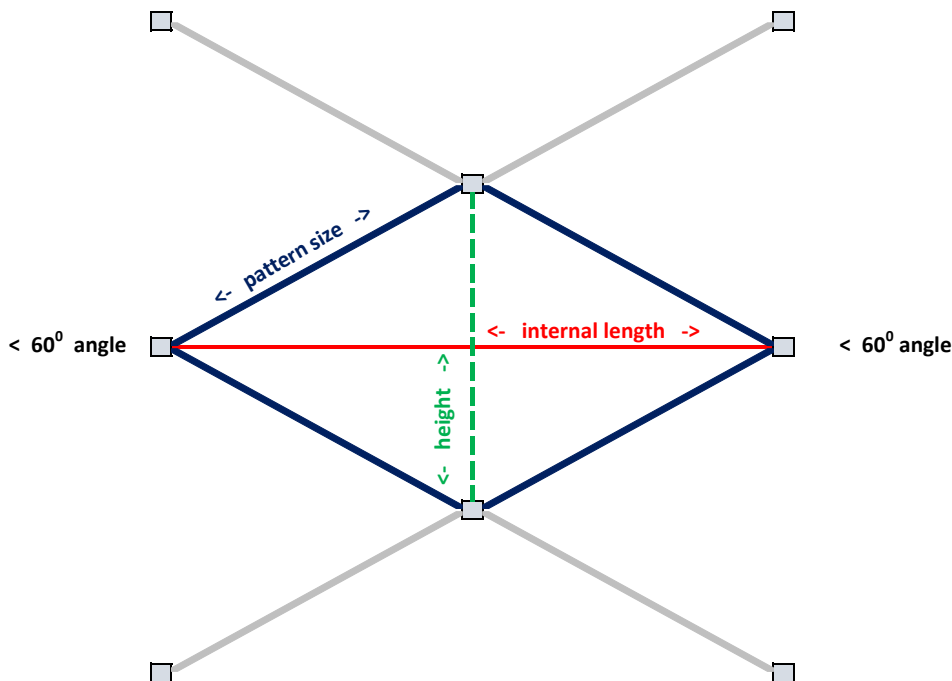

Guidance for inside length measurement - diamond pattern size relationship:

Pattern size:	Height:	Formula:	Inside length:
25mm	25mm	= 25 x 1.732	43 mm
30mm	30mm	= 30 x 1.732	52 mm
35mm	35mm	= 35 x 1.732	61 mm
40mm	40mm	= 40 x 1.732	69 mm
50mm (common size)	50mm	= 50 x 1.732	87 mm
60mm	60mm	= 60 x 1.732	104 mm
70mm	70mm	= 70 x 1.732	121 mm
80mm	80mm	= 80 x 1.732	139 mm
90mm	90mm	= 90 x 1.732	156 mm
100mm (common size)	100mm	= 100 x 1.732	173 mm
120mm	120mm	= 120 x 1.732	208 mm
150mm	150mm	= 150 x 1.732	260 mm

Guidance table is based on stretching the diamond pattern to a 60^0 angle, where pattern size = height. (Eg with diamond pattern size 50mm, where diamond pattern is stretched to a 60^0 angle and pattern size = height = 50mm, inside length = approx 87mm).
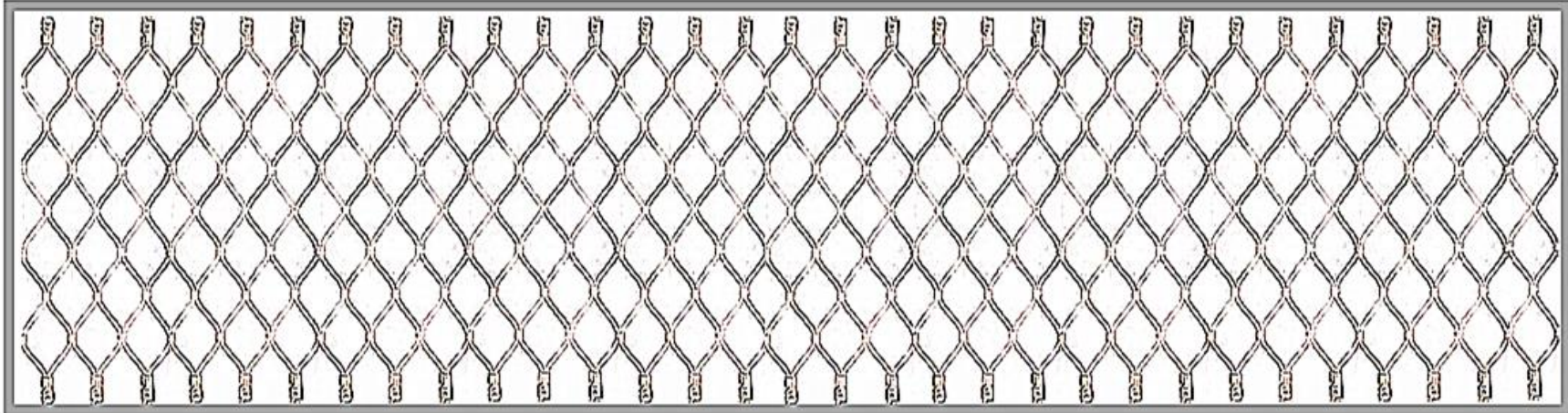
OPTIONS FOR CUSTOM MADE STAINLESS STEEL CABLE MESH:

1. Cable mesh can be made from the following wire sizes: 1.2mm, 1.5 or 1.6mm, 2mm, 2.4 or 2.5mm, 3 or 3.2mm and 4mm (our standard mesh is made with 2mm wire).
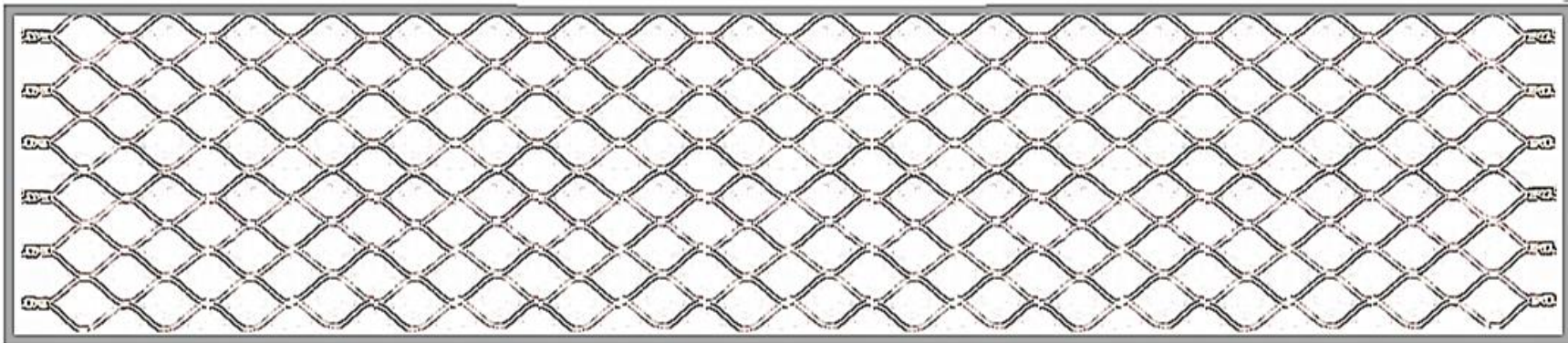
2. 316 grade SS wire is the default for cable mesh, but 304 grade SS wire can be an economical option for non-coastal and industrial applications.

3. Smallest pattern sizes: for 1.2mm and 1.5mm wire => 15mm pattern (15x26mm diamond); for 2mm wire => 25mm pattern (25x43mm diamond); for 2.4mm wire => 35mm pattern (35x61mm diamond); for 3mm wire => 40mm pattern (40x69mm diamond); for 4mm wire => 50mm pattern (50x87mm diamond). These are the smallest pattern sizes we recommend, because of workability / installation considerations.

FYI Recommended size for lacing wire is generally the same size wire as the cable mesh or the next size up.

Veritical Holes

Horizontal Holes