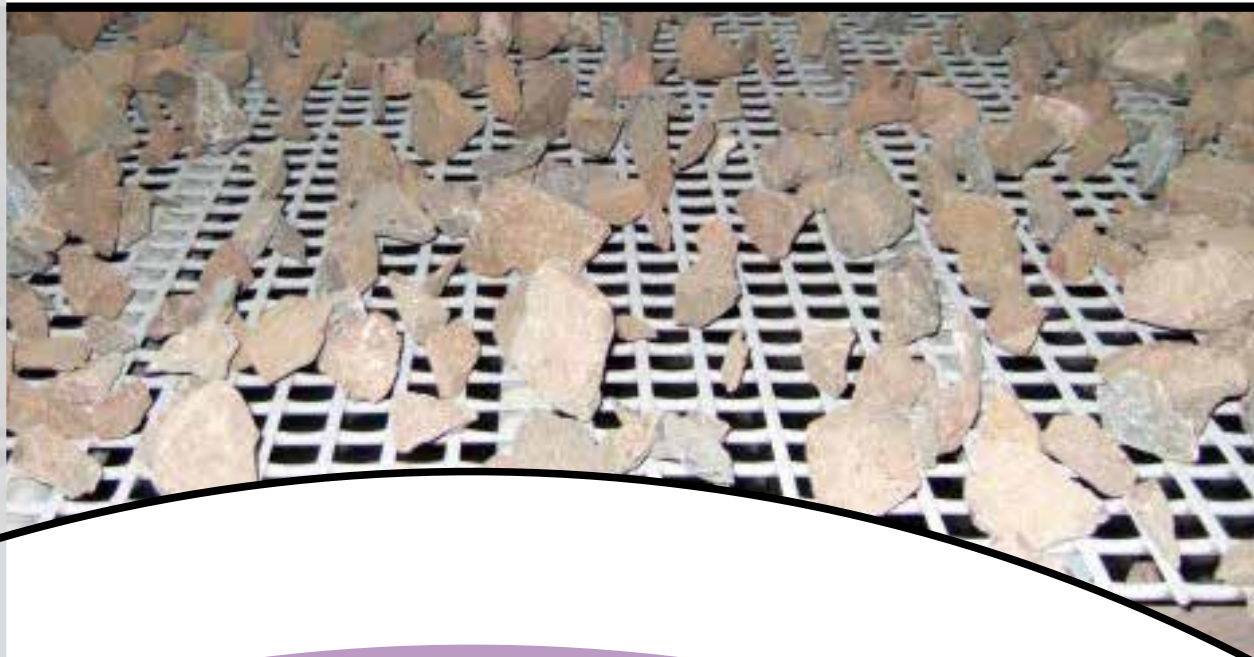


Electro-welded Screens



Screening
Media

9

- 9. Electro-welded Screens
 - 9.1. Round wire
 - 9.2. HT profiled wire
 - 9.3. GZ profiled wire
 - 9.4. Available apertures
 - 9.5. Hook types



Electro-welded Screens

Characteristics

Electro-welded screens are used in dry or wet screening of natural or crushed material, mainly coal, coke and slag. They are resistant to vibration, provide a large open area, have a high precision in screening and a high durability. They are manufactured with round or wedged profiles, to avoid pegging.

Material

Special manganese steel, chrome - nickel steel.

Mesh aperture

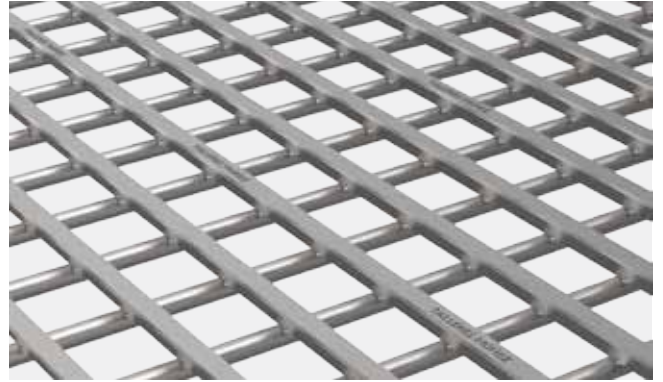
6-200 mm (square or rectangular mesh).
For other apertures please check availability.

Wire

Wire Ø 4-22 mm. (round, HT and GZ type profiling).

Dimensions

Customisable to clients specifications.



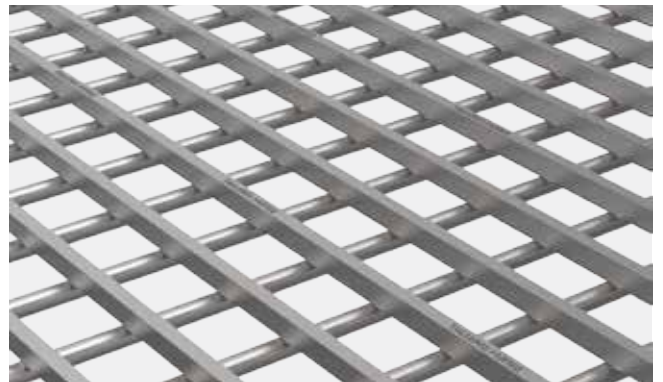
*HT profile electro-welded mesh
Square aperture*



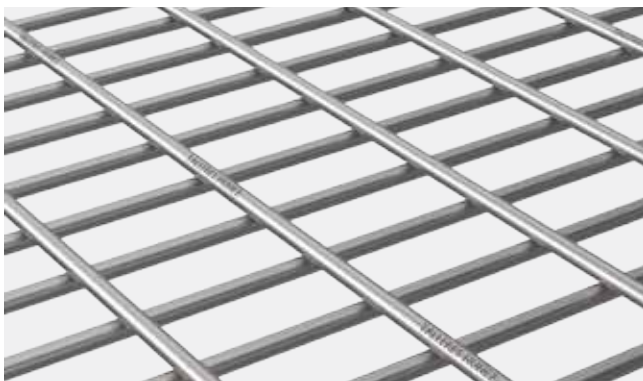
*HT profile electro-welded mesh
Rectangular aperture*



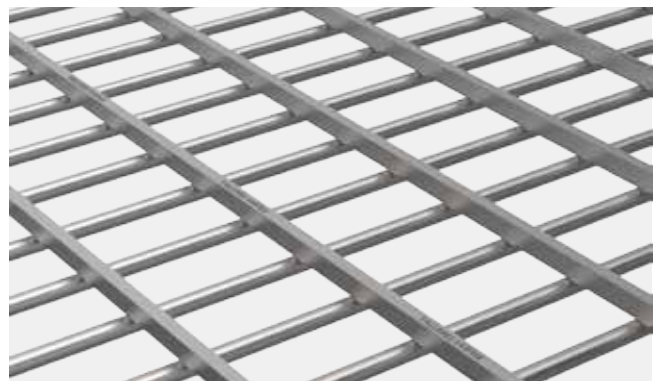
*Round wire electro-welded mesh
Square aperture*



*GZ profile electro-welded mesh
Square aperture*



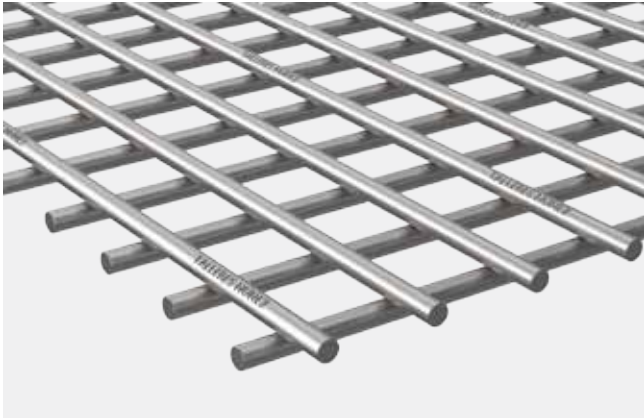
*Round wire electro-welded mesh
Rectangular aperture*



*GZ profile electro-welded mesh
Rectangular aperture*

Electro-welded mesh

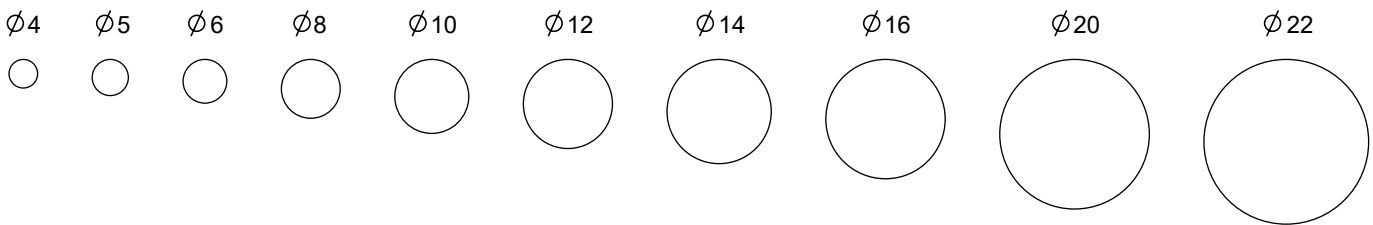
Round wire



Square aperture

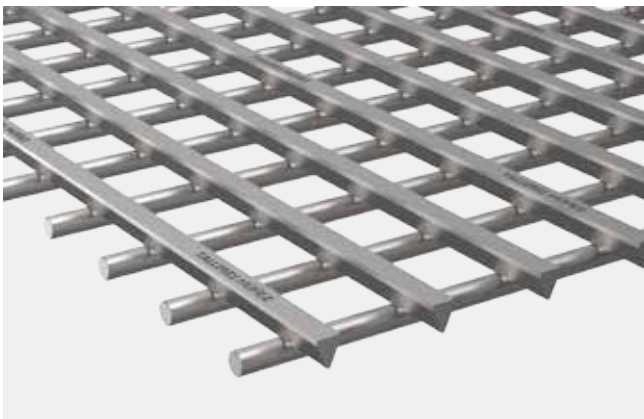


Rectangular aperture

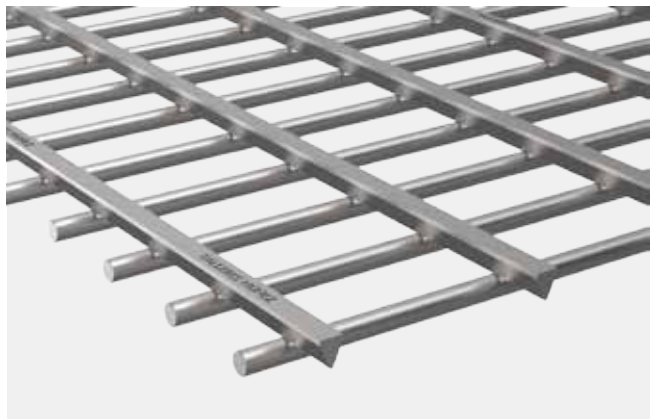


Electro-welded mesh

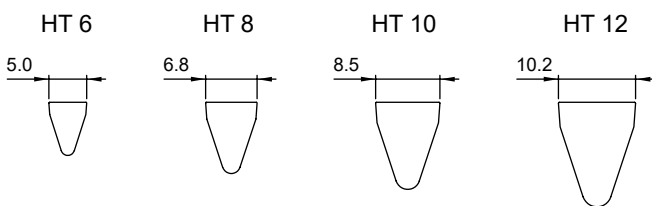
HT profile wire



Square aperture

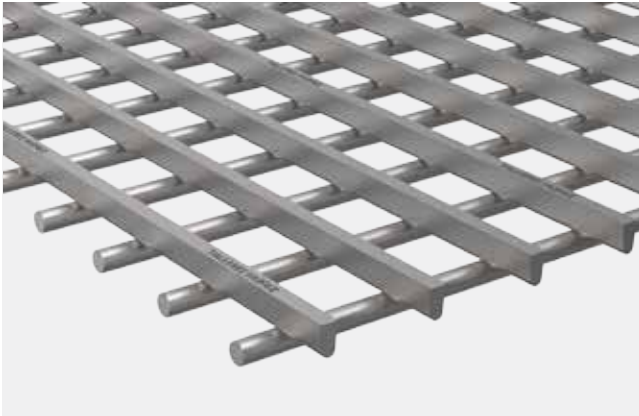


Rectangular aperture

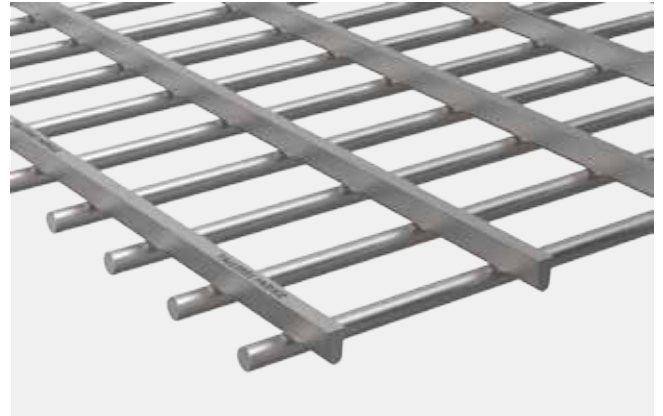


Electro-welded mesh

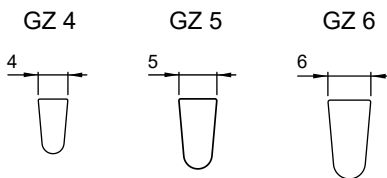
GZ profile wire



Square aperture



Rectangular aperture



Available apertures

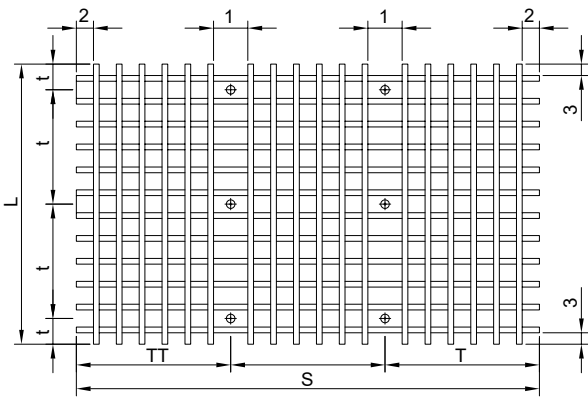
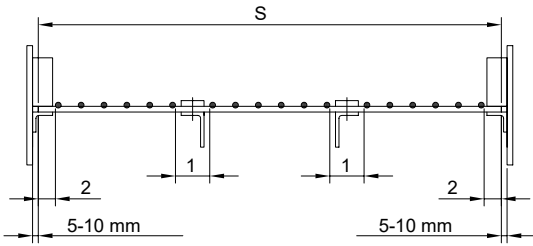
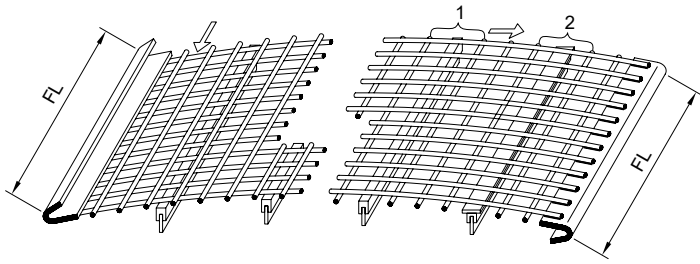
Round Wire	Apertures
4	10, 12, 14, 16
5	10, 12, 14, 16, 18, 20, 22
6	6, 18, 20, 22, 24, 25, 25, 27, 28, 30, 32, 34, 35, 36, 40
8	18, 20, 22, 24, 25, 25, 27, 28, 30, 32, 34, 35, 36, 40, 42, 45, 46, 47, 50
10	20, 22, 24, 25, 25, 27, 28, 30, 32, 34, 35, 36, 40, 42, 45, 46, 47, 50, 52, 55, 60, 63, 65, 67, 68, 70, 80
12	30, 35, 36, 40, 42, 45, 46, 47, 50, 52, 55, 60, 63, 65, 67, 68, 70, 80
14	40, 42, 45, 46, 47, 50, 52, 55, 60, 63, 65, 67, 68, 70, 80, 85
16	60, 63, 65, 67, 68, 70, 80, 85, 90, 100, 105, 140, 150
20	60, 63, 65, 67, 68, 70, 80, 85, 90, 100, 105, 140, 150
22	80, 85, 90, 100, 105, 140, 150

Work surface profile	Support profile	Min. aperture (mm)	Min. aperture (mm)
HT 6	HT 6	15	15
HT 6	HT 6	20	20
HT 6	Ø5 - Ø6	15	15
HT 6	Ø5 - Ø6	20	20
HT 8	HT 8	20	20
HT 8	Ø8	20	20
HT 10	HT10	25	25
HT 10	Ø8, Ø10	20	20
HT 10	Ø8, Ø10	25	25
HT 12	HT 12	30	30
HT 12	Ø10	30	30
HT 12	Ø10	30	30
HT 12	Ø12	35	35
Work surface profile	Support profile	Min. pitch (mm)	Separation between supports
HT 6	HT 6	3	50
HT 6	HT 6	5	50
HT 8	HT 8, HT 10	5	50
HT 10	HT 10	8	60
HT 12	HT 12	10	60

Work surface profile	Support profile	Min. aperture (mm)	Min. aperture (mm)
GZ 4	GZ 4	15	15
GZ 4	GZ 4	20	20
GZ 4	Ø5 - Ø6	15	15
GZ 4	Ø5 - Ø6	20	20
GZ 5	GZ 5	20	20
GZ 5	Ø6, Ø8	20	20
GZ 6	GZ 6	20	25
GZ 6	Ø8	20	20
GZ 6	Ø8	25	25
Work surface profile	Support profile	Min. pitch (mm)	Separation between supports
GZ 4	GZ 4	3	50
GZ 4	GZ 4	5	50
GZ 5	GZ 5	5	50
GZ 5	GZ 5	8	50
GZ 6	GZ 6	5	50
GZ 6	GZ 6	8	50

For other apertures please check availability.

Installation

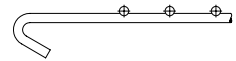


Hook types

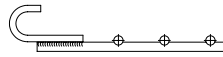
TYPE 3



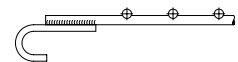
TYPE 3 - BIS



TYPE 5 - BIS



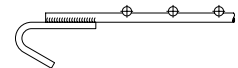
TYPE 5



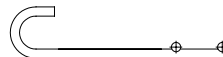
TYPE 6



TYPE 6 - BIS



TYPE 9 - BIS

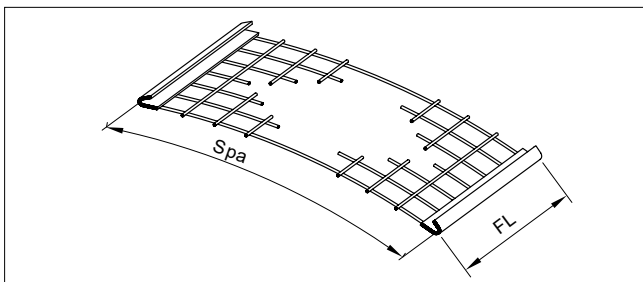
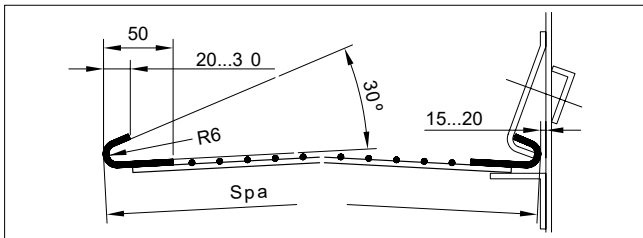


TYPE 9



Tension types

Side Tension



End Tension

