SUREWELD METALS LTD.
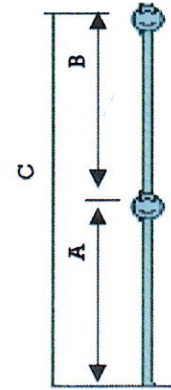## Additional Products
Handrail Standards

Solid standards are of all-welded construction similar to tubular construction.

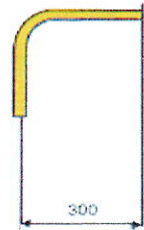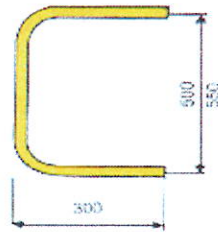| Tubular Type	Ball Dia	Shank Size	Rail Size
TL Light Duty	63	24 N/B	25 N/B
TM Heavy Duty	63	32 N/B	25 N/B
TH Heavy Duty	75	38 N/B	32 N/B

Ball centres normally 550 or 500
Handrail sticks (drilled but not foot) are:
550 x 700 or 500 x 700
B   A   B   A

Handrails

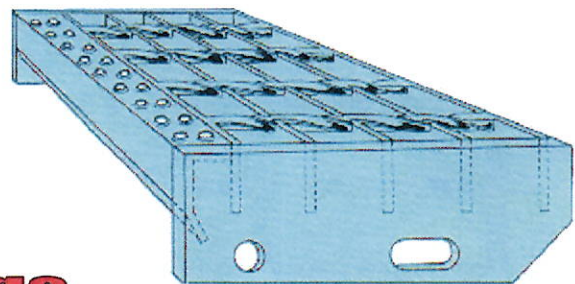Standard handrail   25 N/B
from stock   32 N/B
                 38 N/B

Straight Connector

Treads

We produce steps with the same bearing and
cross bar dimensions as our forge-welded
gratings. They are always supplied with
non-slip grooved special nosing.

Fixings

Fixings are available for all types of grating and
for any support details which are in use.

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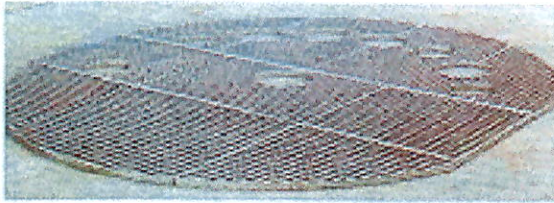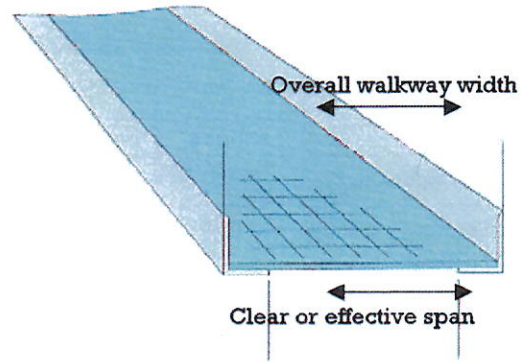
Industrial Grating

Overall walkway width

Clear or effective span

BS4592: Part 1 (1987)		Indentifies the design load for floor grating based on the use of the walkway
Light Duty	Access by one person	- 3 kN/m²
General Duty	Regular two-way pedestrian traffic	-5 kN/m²
Heavy Duty	High density pedestrian traffic	-7.5kN/m²

The table below indicates the suggested floor grating section for
walkway widths or beam support
We have used 41/100 type as being the most economical

50.8
(101.6)

30.16
(41.45)

Section	Maximum walkway width for		
	3kN/m²	5kN/m²	7.5kN/m²
20 x 3	1075	925	800
25 x 3	1350	1150	1000
30 x 3	1625	1375	1200
40 x 3	2100	1825	1600
50 x 3	2500	2200	2000
20 x 5	1250	1050	950
25 x 5	1600	1350	1150
30 x 5	1925	1625	1420
40 x 5	2400	2100	1900
50 x 5	2850	2500	2250
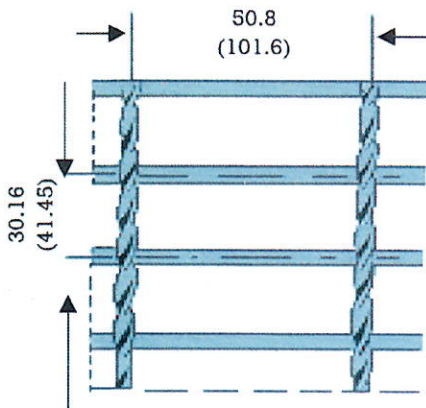
Standard forge-welded panels are
supplied 6100 x 1000mm (nominal size)