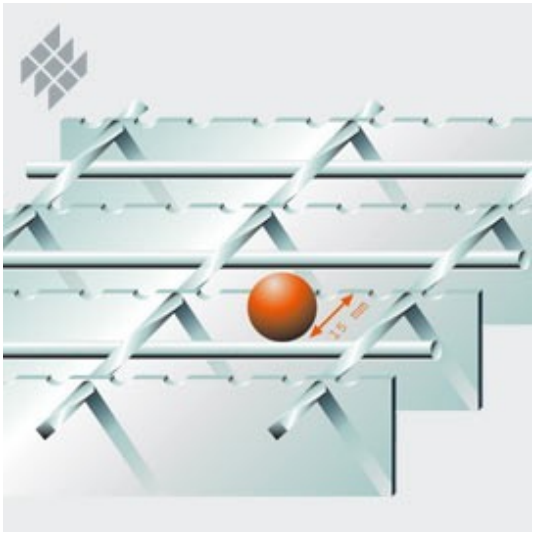
Offshore-gratings (O-SP-SS)

Meiser press welded gratings are produced from steel grade S235 or S355. The bearing bars and the rectangular twisted cross bars are cut to grating size before the cross bars are locked into the bearing bars at a pressure of 1000 kN and – simultaneously – electrically welded at 2500 KVA into one unit.

Press welded gratings are banded with flat bars which, as a rule, will have the same cross section as the bearing bars.

Bearing bars have an anti slip serrated surface.



technical facts for most common types

MEISER O-SP-SS 38,28 x 101,6

bearing bars	weight	max. clear span for walking loads at a deflection of max. 4 mm	l/200 mm
25x5	**41,10 kg/m²**	**910mm**	**971mm**
30x5	**47,20 kg/m²**	**1115mm**	**1317mm**
35x5	**53,30 kg/m²**	**1319mm**	**1694mm**
40x5	**59,40 kg/m²**	**1523mm**	**2101mm**
45x5	**65,50 kg/m²**	**1726mm**	**2535mm**
50x5	**71,60 kg/m²**	**1928mm**	**2993mm**

Special Form

As its name suggests, offshore grating was originally developed for use on offshore oil rigs.

Basically a press welded grating, it is strengthened by round bars welded beneath the twisted cross bars and in the same direction as the bearing bars. See the picture to the right.

Mesh spacing:
38,28 x 101,6 mm or 34.3 x 101,6 mm with round bar welded on beneath so that a test ball 15 mm in diameter cannot fall through.

Bearing bar measurement:
25 x 3 mm up to 50 x 5 mm

Sizes:
standard panels 6100x1000 mm or cutted to required sizes and re-edged at all sides