

HEAVY DUTY PRESS LOCKED GRATINGS



| Bearing bar | Cross bar |
|---------------------------------|-----------|
| 80x8 | 15x6 |
| 90x8 | 25x6 |
| 100x8 | 25x6 |
| 110x8 | 25x6 |
| 120x8 | 25x6 |
| 130x8 | 25x6 |
| 140x8 | 40x6 |
| 150x8 | 40x6 |
| 80x10 | 40x8 |
| 90x10 | 40x8 |
| 100x10 | 40x8 |
| 110x10 | 40x8 |
| 120x10 | 40x8 |
| 130x10 | 40x8 |
| 140x10 | 40x8 |
| 150x10 | 40x8 |
| 100x12 | 40x10 |
| 110x12 | 40x10 |
| 120x12 | 40x10 |
| 130x12 | 40x10 |
| 140x12 | 40x10 |
| 150x12 | 40x10 |
| 160x12 | 40x10 |
| 170x12 | 40x10 |
| 180x12 | 40x10 |
| bearing bar length max. 2500 mm | |

If the gratings you order are for vehicular use, you must give us details in advance – wheel load, load carrying area, clear span and direction of travel so that we can calculate the grating flooring.

| Standard Mesh Spacing | | | |
|-----------------------|---|-----------|--------|
| Bearing bar | | Cross bar | |
| 25 | x | 50 | 100 |
| 50 | x | 50 | 100 |
| 75 | x | 50 | 75 100 |
| 100 | x | 50 | 75 100 |

| Bridge class | Colour key | Wheel load | Load carrying area |
|--------------|--------------------|------------|--------------------|
| 3/3 | Vehicle up to 3 t | 10 kN | 200 x 200 mm |
| 9/9 | Vehicle up to 9 t | 30 kN | 200 x 260 mm |
| 30/30 | Vehicle up to 30 t | 50 kN | 200 x 400 mm |
| 60/30 | Vehicle up to 60 t | 100 kN | 200 x 600 mm |

| Bearing bars (mm) | | | | | | | | | | | | | |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 120 x 10 | 130 x 10 | 140 x 10 | 150 x 10 | 100 x 12 | 110 x 12 | 120 x 12 | 130 x 12 | 140 x 12 | 150 x 12 | 160 x 12 | 170 x 12 | 180 x 12 | |
| F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p | F _p |
| 460,80 | 540,80 | 627,20 | 720,00 | 384,00 | 464,64 | 552,96 | 648,96 | 752,64 | 864,00 | 983,04 | 1109,76 | 1244,16 | |
| 345,60 | 405,60 | 470,40 | 540,00 | 288,00 | 348,48 | 414,72 | 486,72 | 564,48 | 648,00 | 737,28 | 832,32 | 933,12 | |
| 276,48 | 324,48 | 376,32 | 432,00 | 230,40 | 278,78 | 331,78 | 389,38 | 451,58 | 518,40 | 589,82 | 665,86 | 746,50 | |
| 230,40 | 270,40 | 313,60 | 360,00 | 192,00 | 232,32 | 276,48 | 324,48 | 376,32 | 432,00 | 491,52 | 554,88 | 622,08 | |
| 172,80 | 202,80 | 235,20 | 270,00 | 144,00 | 174,24 | 207,36 | 243,36 | 282,24 | 324,00 | 368,64 | 416,16 | 466,56 | |
| 138,24 | 162,24 | 188,16 | 216,00 | 115,20 | 139,39 | 165,89 | 194,69 | 225,79 | 259,20 | 294,91 | 332,93 | 373,25 | |
| 115,20 | 135,20 | 156,80 | 180,00 | 82,29 | 116,16 | 138,24 | 162,24 | 188,16 | 216,00 | 245,76 | 277,44 | 311,04 | |
| 86,40 | 115,89 | 134,40 | 154,29 | 72,00 | 87,12 | 118,49 | 139,06 | 161,28 | 185,14 | 210,65 | 237,81 | 266,61 | |
| 76,80 | 101,40 | 117,60 | 135,00 | 64,00 | 77,44 | 103,68 | 121,68 | 141,12 | 162,00 | 184,32 | 208,08 | 233,28 | |
| 69,12 | 81,12 | 104,53 | 120,00 | 57,60 | 69,70 | 82,94 | 108,16 | 125,44 | 144,00 | 163,84 | 184,96 | 207,36 | |
| 62,84 | 73,75 | 85,53 | 108,00 | 52,36 | 63,36 | 75,40 | 88,49 | 112,90 | 129,60 | 147,46 | 166,46 | 186,62 | |
| 57,60 | 67,60 | 78,40 | 90,00 | 45,35 | 58,08 | 69,12 | 81,12 | 102,63 | 117,82 | 134,05 | 151,33 | 169,66 | |
| 53,17 | 62,40 | 72,37 | 83,08 | 42,04 | 53,61 | 63,80 | 74,88 | 86,84 | 108,00 | 122,88 | 138,72 | 155,52 | |
| 47,02 | 57,94 | 67,20 | 77,14 | 39,18 | 47,41 | 59,25 | 69,53 | 80,64 | 92,57 | 113,43 | 128,05 | 143,56 | |
| 44,03 | 54,08 | 62,72 | 72,00 | 36,69 | 44,39 | 55,30 | 64,90 | 75,26 | 86,40 | 105,33 | 118,90 | 133,30 | |
| 41,39 | 50,70 | 58,80 | 67,50 | 34,49 | 41,73 | 51,84 | 60,84 | 70,56 | 81,00 | 92,16 | 110,98 | 124,42 | |
| 39,05 | 45,83 | 55,34 | 63,53 | 32,54 | 39,38 | 46,86 | 57,26 | 66,41 | 76,24 | 86,74 | 104,04 | 116,64 | |
| 36,96 | 43,38 | 52,27 | 60,00 | 30,80 | 37,27 | 44,36 | 54,08 | 62,72 | 72,00 | 81,92 | 92,48 | 109,78 | |