

Vorschweißflansche / Welding Neck Flanges



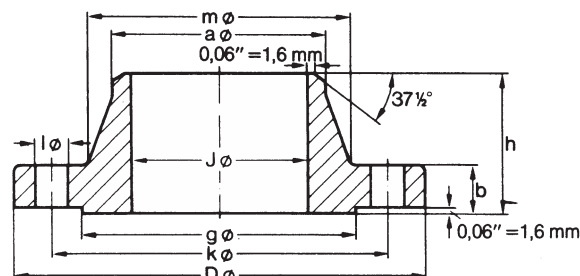
ANSI B 16.5

150 lbs

Werkstoff / Material:

304(L) / 316(L) / 321(H)

1.4541 / 1.4571



150 lb/sq. In.

| Rohrabmessung / Tube | | Flansch / Flange | | | | Ansatz / Hub | | Leiste / Raised | Schraubenlöcher / Drilling Template | | | Gewicht / |
|----------------------|---------|------------------|--------|-------|--------|--------------|--------|-----------------|-------------------------------------|-------|--------|-----------|
| Nom. | OD | D | J | b | h | a | m | face g | Anzahl / | l | k | Weight |
| Size | in. | in. | in. | in. | in. | in. | in. | in. | Number | in. | in. | ≈ Pounds |
| DN | mm | mm | mm | mm | mm | mm | mm | mm | | mm | mm | ≈ kg |
| 1/2" | 0,840 | 3,50 | 0,62 | 0,44 | 1,88 | 0,84 | 1,19 | 1,38 | 4 | 0,62 | 2,38 | 1,10 |
| | 21,300 | 88,90 | 15,70 | 11,20 | 47,80 | 21,30 | 30,20 | 35,10 | 4 | 15,70 | 60,50 | 0,48 |
| 3/4" | 1,050 | 3,88 | 0,82 | 0,50 | 2,06 | 1,05 | 1,50 | 1,69 | 4 | 0,62 | 2,75 | 1,60 |
| | 26,700 | 98,60 | 20,80 | 12,70 | 52,30 | 26,70 | 38,10 | 42,90 | 4 | 15,70 | 69,90 | 0,71 |
| 1" | 1,315 | 4,25 | 1,05 | 0,56 | 2,19 | 1,32 | 1,94 | 2,00 | 4 | 0,62 | 3,12 | 2,20 |
| | 33,400 | 108,00 | 26,70 | 14,20 | 55,60 | 33,50 | 49,30 | 50,80 | 4 | 15,70 | 79,20 | 1,01 |
| 1 1/4" | 1,660 | 4,62 | 1,38 | 0,62 | 2,25 | 1,66 | 2,31 | 2,50 | 4 | 0,62 | 3,50 | 2,90 |
| | 42,200 | 117,30 | 35,10 | 15,70 | 57,20 | 42,20 | 58,70 | 63,50 | 4 | 15,70 | 88,90 | 1,33 |
| 1 1/2" | 1,900 | 5,00 | 1,61 | 0,69 | 2,44 | 1,90 | 2,56 | 2,88 | 4 | 0,62 | 3,88 | 3,80 |
| | 48,300 | 127,00 | 40,90 | 17,50 | 62,00 | 48,30 | 65,00 | 73,20 | 4 | 15,70 | 98,60 | 1,72 |
| 2" | 2,375 | 6,00 | 2,07 | 0,75 | 2,50 | 2,38 | 3,06 | 3,62 | 4 | 0,75 | 4,75 | 5,70 |
| | 60,300 | 15,40 | 52,60 | 19,10 | 63,50 | 60,50 | 77,70 | 91,90 | 4 | 19,10 | 120,70 | 2,58 |
| 2 1/2" | 2,875 | 7,00 | 2,47 | 0,88 | 2,75 | 2,88 | 3,56 | 4,12 | 4 | 0,75 | 5,50 | 9,10 |
| | 73,000 | 177,80 | 62,70 | 22,40 | 69,90 | 73,20 | 90,40 | 104,60 | 4 | 19,10 | 139,70 | 4,11 |
| 3" | 3,500 | 7,50 | 3,07 | 0,94 | 2,75 | 3,50 | 4,25 | 5,00 | 4 | 0,75 | 6,00 | 10,80 |
| | 88,900 | 190,50 | 78,00 | 23,90 | 69,60 | 88,90 | 108,00 | 127,00 | 4 | 19,10 | 152,40 | 4,92 |
| 3 1/2" | 4,000 | 8,50 | 3,55 | 0,94 | 2,81 | 4,00 | 4,81 | 5,50 | 8 | 0,75 | 7,00 | 13,40 |
| | 101,600 | 215,90 | 90,20 | 23,90 | 71,40 | 101,60 | 122,20 | 139,70 | 8 | 19,10 | 177,80 | 6,08 |
| 4" | 4,500 | 9,00 | 4,03 | 0,94 | 3,00 | 4,50 | 5,31 | 6,19 | 8 | 0,75 | 7,50 | 15,10 |
| | 114,300 | 228,60 | 102,40 | 23,90 | 76,20 | 114,30 | 134,90 | 157,20 | 8 | 19,10 | 190,50 | 6,84 |
| 5" | 5,563 | 10,00 | 5,05 | 0,94 | 3,50 | 5,56 | 6,44 | 7,31 | 8 | 0,88 | 8,50 | 18,90 |
| | 141,300 | 254,00 | 128,30 | 23,90 | 88,90 | 141,20 | 163,60 | 185,70 | 8 | 22,40 | 215,90 | 8,56 |
| 6" | 6,625 | 11,00 | 6,07 | 1,00 | 3,50 | 6,63 | 7,56 | 8,50 | 8 | 0,88 | 9,50 | 23,30 |
| | 168,300 | 279,40 | 154,20 | 25,40 | 88,90 | 168,40 | 192,00 | 215,90 | 8 | 22,40 | 241,30 | 10,60 |
| 8" | 8,625 | 13,50 | 7,98 | 1,12 | 4,00 | 8,63 | 9,69 | 10,62 | 8 | 0,88 | 11,75 | 38,80 |
| | 219,100 | 342,90 | 202,70 | 28,40 | 101,60 | 219,20 | 246,10 | 269,70 | 8 | 22,40 | 298,50 | 17,60 |
| 10" | 10,750 | 16,00 | 10,02 | 1,19 | 4,00 | 10,75 | 12,00 | 12,75 | 12 | 1,00 | 14,25 | 53,00 |
| | 273,000 | 406,40 | 254,50 | 30,20 | 101,60 | 273,10 | 304,80 | 323,90 | 12 | 25,40 | 362,00 | 24,00 |
| 12" | 12,750 | 19,00 | 12,00 | 1,25 | 4,50 | 12,75 | 14,38 | 15,00 | 12 | 1,00 | 17,00 | 80,40 |
| | 323,800 | 482,60 | 304,80 | 31,80 | 114,30 | 323,90 | 365,30 | 381,00 | 12 | 25,40 | 431,80 | 36,50 |
| 14" | 14,000 | 21,00 | | 1,38 | 5,00 | 14,00 | 15,75 | 16,25 | 12 | 1,12 | 18,75 | 107,00 |
| | 355,600 | 533,40 | | 35,10 | 127,00 | 355,60 | 400,10 | 412,80 | 12 | 28,40 | 476,30 | 48,40 |
| 16" | 16,000 | 23,50 | | 1,44 | 5,00 | 16,00 | 18,00 | 18,50 | 16 | 1,12 | 21,25 | 134,00 |
| | 406,400 | 596,90 | | 36,60 | 127,00 | 406,40 | 457,20 | 469,90 | 16 | 28,40 | 539,80 | 60,60 |
| 18" | 18,000 | 25,00 | | 1,56 | 5,50 | 18,00 | 19,88 | 21,00 | 16 | 1,25 | 22,75 | 151,00 |
| | 457,200 | 635,00 | | 39,60 | 139,70 | 457,20 | 505,00 | 533,40 | 16 | 31,80 | 577,90 | 68,30 |
| 20" | 20,000 | 27,50 | | 1,69 | 5,69 | 20,00 | 22,00 | 23,00 | 20 | 1,25 | 25,00 | 186,00 |
| | 508,000 | 698,50 | | 42,90 | 144,50 | 508,00 | 558,80 | 584,20 | 20 | 31,80 | 635,00 | 84,50 |
| 24" | 24,000 | 32,00 | | 1,88 | 6,00 | 24,00 | 26,12 | 27,25 | 20 | 1,38 | 29,50 | 253,00 |
| | 609,600 | 812,80 | | 47,80 | 152,40 | 609,60 | 663,40 | 692,20 | 20 | 35,10 | 749,30 | 115,00 |

Vom Besteller anzugeben
To be specified by purchaser

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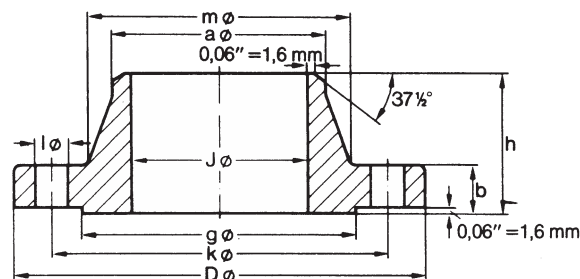
ANSI B 16.5

300 lbs

Werkstoff / Material:

304(L) / 316(L) / 321(H)

1.4541 / 1.4571



300 lb/sq. In.

| Rohrabbmessung / Tube | | Flansch / Flange | | | | Ansatz / Hub | | Leiste / Raised | Schraubenlöcher / Drilling Template | | | Gewicht / |
|-----------------------|---------|------------------|--------|-------|--------|--------------|--------|-----------------|-------------------------------------|-------|--------|-----------------|
| Nom. Size | OD in. | D in. | J in. | b in. | h in. | a in. | m in. | face g in. | Anzahl / Number | l in. | k in. | Weight ≈ Pounds |
| DN | mm | mm | mm | mm | mm | mm | mm | mm | | mm | mm | ≈ kg |
| 1/2" | 0,840 | 3,75 | 0,62 | 0,56 | 2,06 | 0,84 | 1,50 | 1,38 | 4 | 0,62 | 2,62 | 1,70 |
| | 21,300 | 95,20 | 15,70 | 14,20 | 52,30 | 21,30 | 38,10 | 35,00 | 4 | 15,70 | 66,50 | 0,75 |
| 3/4" | 1,050 | 4,62 | 0,82 | 0,62 | 2,25 | 1,05 | 1,88 | 1,69 | 4 | 0,75 | 3,25 | 2,80 |
| | 26,700 | 117,30 | 20,80 | 15,70 | 57,10 | 26,70 | 47,70 | 42,90 | 4 | 19,00 | 82,50 | 1,26 |
| 1" | 1,315 | 4,88 | 1,05 | 0,69 | 2,44 | 1,32 | 2,12 | 2,00 | 4 | 0,75 | 3,50 | 3,50 |
| | 33,400 | 123,90 | 26,70 | 17,50 | 62,00 | 33,50 | 53,80 | 50,80 | 4 | 19,00 | 88,90 | 1,52 |
| 1 1/4" | 1,660 | 5,25 | 1,38 | 0,75 | 2,56 | 1,66 | 2,50 | 2,50 | 4 | 0,75 | 3,88 | 4,50 |
| | 42,200 | 133,30 | 35,10 | 19,00 | 65,00 | 42,20 | 63,50 | 63,50 | 4 | 19,00 | 98,50 | 2,03 |
| 1 1/2" | 1,900 | 6,12 | 1,61 | 0,81 | 2,69 | 1,90 | 2,75 | 2,88 | 4 | 0,88 | 4,50 | 6,40 |
| | 48,300 | 155,40 | 40,90 | 20,60 | 68,30 | 48,30 | 69,80 | 73,10 | 4 | 22,30 | 114,30 | 2,89 |
| 2" | 2,375 | 6,50 | 2,07 | 0,88 | 2,75 | 2,38 | 3,31 | 3,62 | 8 | 0,75 | 5,00 | 7,50 |
| | 60,300 | 165,10 | 52,60 | 22,30 | 69,80 | 60,40 | 84,00 | 91,90 | 8 | 19,00 | 127,00 | 3,40 |
| 2 1/2" | 2,875 | 7,50 | 2,47 | 1,00 | 3,00 | 2,88 | 3,94 | 4,12 | 8 | 0,88 | 5,88 | 11,40 |
| | 73,000 | 190,50 | 62,70 | 25,40 | 76,20 | 73,10 | 100,00 | 104,60 | 8 | 22,30 | 149,30 | 5,17 |
| 3" | 3,500 | 8,25 | 3,07 | 1,12 | 3,12 | 3,50 | 4,62 | 5,00 | 8 | 0,88 | 6,62 | 15,30 |
| | 88,900 | 209,50 | 78,00 | 28,40 | 79,20 | 88,90 | 117,30 | 127,00 | 8 | 22,30 | 168,10 | 6,93 |
| 3 1/2" | 4,000 | 9,00 | 3,55 | 1,19 | 3,19 | 4,00 | 5,25 | 5,50 | 8 | 0,88 | 7,25 | 19,10 |
| | 101,600 | 228,60 | 90,20 | 30,20 | 81,00 | 101,60 | 133,30 | 139,70 | 8 | 22,30 | 184,10 | 8,67 |
| 4" | 4,500 | 10,00 | 4,03 | 1,25 | 3,38 | 4,50 | 5,75 | 6,19 | 8 | 0,88 | 7,88 | 24,70 |
| | 114,300 | 254,00 | 102,40 | 31,70 | 85,80 | 114,30 | 146,00 | 157,20 | 8 | 22,30 | 200,10 | 11,20 |
| 5" | 5,563 | 11,00 | 5,05 | 1,38 | 3,88 | 5,56 | 7,00 | 7,31 | 8 | 0,88 | 9,25 | 33,30 |
| | 141,300 | 279,40 | 128,30 | 35,00 | 98,50 | 141,20 | 177,80 | 185,60 | 8 | 22,30 | 234,90 | 15,10 |
| 6" | 6,625 | 12,50 | 6,07 | 1,44 | 3,88 | 6,63 | 8,12 | 8,50 | 12 | 0,88 | 10,62 | 42,40 |
| | 168,300 | 317,50 | 154,20 | 36,50 | 98,50 | 168,40 | 206,20 | 215,90 | 12 | 22,30 | 269,70 | 19,10 |
| 8" | 8,625 | 15,00 | 7,98 | 1,62 | 4,38 | 8,63 | 10,25 | 10,62 | 12 | 1,00 | 13,00 | 65,90 |
| | 219,100 | 381,00 | 202,70 | 41,10 | 111,20 | 219,20 | 260,30 | 269,70 | 12 | 25,40 | 330,20 | 29,90 |
| 10" | 10,750 | 17,50 | 10,02 | 1,88 | 4,62 | 10,75 | 12,63 | 12,75 | 16 | 1,20 | 15,25 | 94,10 |
| | 273,000 | 444,50 | 254,50 | 47,70 | 117,30 | 273,00 | 320,50 | 323,80 | 16 | 28,40 | 387,30 | 42,70 |
| 12" | 12,750 | 20,50 | 12,00 | 2,00 | 5,12 | 12,75 | 14,75 | 15,00 | 16 | 1,25 | 17,75 | 136,00 |
| | 323,800 | 520,70 | 304,80 | 50,80 | 130,00 | 323,80 | 374,60 | 381,00 | 16 | 31,70 | 450,80 | 61,80 |
| 14" | 14,000 | 23,00 | | 2,12 | 5,62 | 14,00 | 16,75 | 16,25 | 20 | 1,25 | 20,25 | 189,00 |
| | 355,600 | 584,20 | | 53,80 | 142,70 | 355,60 | 425,40 | 412,70 | 20 | 31,70 | 514,30 | 85,80 |
| 16" | 16,000 | 25,50 | | 2,25 | 5,75 | 16,00 | 19,00 | 18,50 | 20 | 1,38 | 22,50 | 234,00 |
| | 406,400 | 647,70 | | 57,10 | 146,00 | 406,40 | 482,60 | 469,90 | 20 | 35,00 | 571,50 | 106,00 |
| 18" | 18,000 | 28,00 | | 2,38 | 6,25 | 18,00 | 21,00 | 21,00 | 24 | 1,38 | 24,75 | 289,00 |
| | 457,200 | 711,20 | | 60,40 | 158,70 | 457,20 | 533,40 | 533,40 | 24 | 35,00 | 628,60 | 131,00 |
| 20" | 20,000 | 30,50 | | 2,50 | 6,38 | 20,00 | 23,12 | 23,00 | 24 | 1,38 | 27,00 | 348,00 |
| | 508,000 | 774,70 | | 63,50 | 162,00 | 508,00 | 587,20 | 584,20 | 24 | 35,00 | 685,80 | 158,00 |
| 24" | 24,000 | 36,00 | | 2,75 | 6,62 | 24,00 | 27,62 | 27,25 | 24 | 1,62 | 32,00 | 507,00 |
| | 609,600 | 914,40 | | 69,80 | 168,10 | 609,60 | 701,50 | 692,10 | 24 | 41,10 | 812,80 | 230,00 |

Vom Besteller anzugeben
To be specified by purchaser

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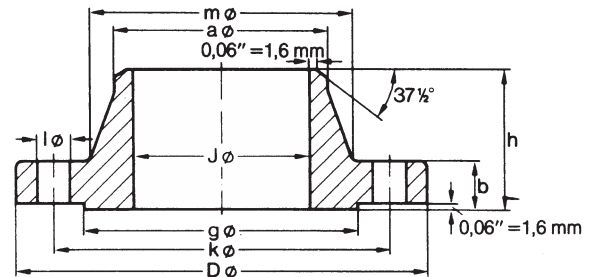
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Vorschweißflansche / Welding Neck Flanges



ANSI B 16.5
600 lbs

Werkstoff / Material:
304(L) / 316(L) / 321(H)
1.4541 / 1.4571



600 lb/sq. In.

| Rohrabmessung / Tube | | | Flansch / Flange | | | Ansatz / Hub | | Leiste / Raised | Schraubenlöcher / Drilling Template | | | Gewicht / |
|----------------------|---------|--------|------------------|--------|--------|--------------|--------|-----------------|-------------------------------------|-------|--------|-----------------|
| Nom. Size | OD in. | D in. | J in. | b in. | h in. | a in. | m in. | face g in. | Anzahl / Number | l in. | k in. | Weight ≈ Pounds |
| DN | mm | mm | mm | mm | mm | mm | mm | mm | | mm | mm | ≈ kg |
| 1/2" | 0,840 | 3,75 | | 0,56 | 2,06 | 0,84 | 1,50 | 1,38 | 4 | 0,62 | 2,62 | 1,90 |
| | 21,300 | 95,30 | | 14,20 | 52,30 | 21,30 | 38,10 | 35,10 | 4 | 15,70 | 66,50 | 0,87 |
| 3/4" | 1,050 | 4,62 | | 0,62 | 2,25 | 1,05 | 1,88 | 1,69 | 4 | 0,75 | 3,25 | 3,20 |
| | 26,700 | 117,30 | | 15,70 | 57,20 | 26,70 | 47,80 | 42,90 | 4 | 19,10 | 82,60 | 1,45 |
| 1" | 1,315 | 4,88 | | 0,69 | 2,44 | 1,32 | 2,12 | 2,00 | 4 | 0,75 | 3,50 | 3,90 |
| | 33,400 | 124,00 | | 17,50 | 62,00 | 33,50 | 53,80 | 50,80 | 4 | 19,10 | 88,90 | 1,76 |
| 1 1/4" | 1,660 | 5,25 | | 0,81 | 2,62 | 1,66 | 2,50 | 2,50 | 4 | 0,75 | 3,88 | 5,60 |
| | 42,200 | 133,40 | | 20,60 | 66,50 | 42,20 | 63,50 | 63,50 | 4 | 19,10 | 98,60 | 2,49 |
| 1 1/2" | 1,900 | 6,12 | | 0,88 | 2,75 | 1,90 | 2,75 | 2,88 | 4 | 0,88 | 4,50 | 7,70 |
| | 48,300 | 155,40 | | 22,40 | 69,90 | 48,30 | 69,90 | 73,20 | 4 | 22,40 | 114,30 | 3,49 |
| 2" | 2,375 | 6,50 | | 1,00 | 2,88 | 2,38 | 3,31 | 3,62 | 8 | 0,75 | 5,00 | 9,60 |
| | 60,300 | 165,10 | | 25,40 | 73,20 | 60,50 | 84,10 | 91,90 | 8 | 19,10 | 127,00 | 4,36 |
| 2 1/2" | 2,875 | 7,50 | | 1,12 | 3,12 | 2,88 | 3,94 | 4,12 | 8 | 0,88 | 5,88 | 14,20 |
| | 73,000 | 190,50 | | 28,40 | 79,20 | 73,20 | 100,10 | 104,60 | 8 | 22,40 | 149,40 | 6,43 |
| 3" | 3,500 | 8,25 | | 1,25 | 3,25 | 3,50 | 4,62 | 5,00 | 8 | 0,88 | 6,62 | 18,80 |
| | 88,900 | 209,60 | | 31,80 | 82,60 | 88,90 | 117,30 | 127,00 | 8 | 22,40 | 168,10 | 8,53 |
| 3 1/2" | 4,000 | 9,00 | | 1,38 | 3,38 | 4,00 | 5,25 | 5,50 | 8 | 1,00 | 7,25 | 23,60 |
| | 101,600 | 228,60 | | 35,10 | 85,90 | 101,60 | 133,40 | 139,70 | 8 | 25,40 | 184,20 | 10,70 |
| 4" | 4,500 | 10,75 | | 1,50 | 4,00 | 4,50 | 6,00 | 6,19 | 8 | 1,00 | 8,50 | 38,30 |
| | 114,300 | 273,10 | | 38,10 | 101,60 | 114,30 | 152,40 | 157,20 | 8 | 25,40 | 215,90 | 17,40 |
| 5" | 5,563 | 13,00 | | 1,75 | 4,50 | 5,56 | 7,44 | 7,31 | 8 | 1,12 | 10,50 | 64,30 |
| | 141,300 | 330,20 | | 44,50 | 114,30 | 141,20 | 189,00 | 185,70 | 8 | 28,40 | 266,70 | 29,20 |
| 6" | 6,625 | 14,00 | | 1,88 | 4,62 | 6,63 | 8,75 | 8,50 | 12 | 1,12 | 11,50 | 76,90 |
| | 168,300 | 355,60 | | 47,80 | 117,30 | 168,40 | 222,30 | 215,90 | 12 | 28,40 | 292,10 | 34,90 |
| 8" | 8,625 | 16,50 | | 2,19 | 5,25 | 8,63 | 10,75 | 10,62 | 12 | 1,25 | 13,75 | 119,00 |
| | 219,100 | 419,10 | | 55,60 | 133,40 | 219,20 | 273,10 | 269,70 | 12 | 31,80 | 349,30 | 53,90 |
| 10" | 10,750 | 20,00 | | 2,50 | 6,00 | 10,75 | 13,50 | 12,75 | 16 | 1,38 | 17,00 | 191,00 |
| | 273,000 | 508,00 | | 63,50 | 152,40 | 273,10 | 342,90 | 323,90 | 16 | 35,10 | 431,80 | 86,50 |
| 12" | 12,750 | 22,00 | | 2,62 | 6,12 | 12,75 | 15,75 | 15,00 | 20 | 1,38 | 19,25 | 227,00 |
| | 323,800 | 558,80 | | 66,50 | 155,40 | 323,90 | 400,10 | 381,00 | 20 | 35,10 | 489,00 | 103,00 |
| 14" | 14,000 | 23,75 | | 2,75 | 6,50 | 14,00 | 17,00 | 16,25 | 20 | 1,50 | 20,75 | 269,00 |
| | 355,600 | 603,30 | | 69,90 | 165,10 | 355,60 | 431,80 | 412,80 | 20 | 38,10 | 527,00 | 122,00 |
| 16" | 16,000 | 27,00 | | 3,00 | 7,00 | 16,00 | 19,50 | 18,50 | 20 | 1,62 | 23,75 | 374,00 |
| | 406,400 | 685,80 | | 76,20 | 177,80 | 406,40 | 495,30 | 469,90 | 20 | 41,10 | 603,30 | 170,00 |
| 18" | 18,000 | 29,25 | | 3,25 | 7,25 | 18,00 | 21,50 | 21,00 | 20 | 1,75 | 25,75 | 449,00 |
| | 457,200 | 743,00 | | 82,60 | 184,20 | 457,20 | 546,10 | 533,40 | 20 | 44,50 | 654,10 | 204,00 |
| 20" | 20,000 | 32,00 | | 3,50 | 7,50 | 20,00 | 24,00 | 23,00 | 24 | 1,75 | 28,50 | 560,00 |
| | 508,000 | 812,80 | | 88,90 | 190,50 | 508,00 | 609,60 | 584,20 | 24 | 44,50 | 723,90 | 254,00 |
| 24" | 24,000 | 37,00 | | 4,00 | 8,00 | 24,00 | 28,25 | 27,25 | 24 | 2,00 | 33,00 | 789,00 |
| | 609,600 | 939,80 | | 101,60 | 203,20 | 609,60 | 76,60 | 692,20 | 24 | 50,80 | 838,20 | 358,00 |

Vom Besteller anzugeben
To be specified by purchaser

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