



Werkzeugliste

3000

6000



| Rohr | Werkstoff | Radius | Werkzeug | Gegenrolle | Gleitschuh | Maschine |
|-----------------|---|-----------|----------|------------|------------|----------------------------------|
| Rohrdurchmesser | H=Hydraulik ST 35.4 Edelstahl 1.4541/1.4571/14.401 K=Kupferrohr F37 S=Stahlrohr DIN 2440/2448/2458 | Rohrmitte | | | | 3000 6000D/400V 6000S/400V |
| 10 X 1 | K,E,S | 36 | 1036 | | 3010 | 3000 / 6000 |
| 10 x 1 | H | 36 | 1036 | 2248 | | 3000 / 6000 |
| 10 X 1,5 | H,E,S | 36 | 1036 | 2248 | | 3000 / 6000 |
| 10 X 2 | H,E | 36 | 1036 | 2248 | | 3000 / 6000 |
| 12 X 1 | K,E,S | 36 | 1236 | | 3012 | 3000 / 6000 |
| 12 X 1 | H | 36 | 1236 | 2248 | | 3000 / 6000 |
| 12 X 1,5 | H,K,E | 36 | 1236 | | 3012 | 3000 / 6000 |
| 12 X 2 | H,E | 36 | 1236 | 2248 | | 3000 / 6000 |
| 12 X 3 | H,E | 36 | 1236 | 2248 | | 3000 / 6000 |
| 13 X 1 | E,S | 40 | 1340 | | 3013 | 3000 / 6000 |
| 14 X 1 | K,E,S | 40 | 1440 | | 3014 | 3000 / 6000 |
| 14 X 1,5 | H | 40 | 1440 | 2248 | | 3000 / 6000 |
| 14 X 2 | H | 40 | 1440 | 2248 | | 3000 / 6000 |
| 15 X 1 | K,E,S | 40 | 1540K | | 3015 | 3000 / 6000 |
| 15 X 1 | H | 40 | 1540 | 2248 | | 3000 / 6000 |
| 15 X 1,5 | H,E,S | 40 | 1540 | | 3015 | 3000 / 6000 |
| 15 X 2 | H | 40 | 1540 | 2248 | | 3000 / 6000 |
| 16 X 1 | H | 40 | 1640 | | 3016 | 3000 / 6000 |
| 16 X 1,5 | H | 40 | 1640 | | 3016 | 3000 / 6000 |
| 16 X 2 | H | 40 | 1640 | 2248 | | 3000 / 6000 |
| 17,2 X 2 | S,E | 40 | 1740 | 2248 | | 3000 / 6000 |
| 18 X 1 | K,E,S | 55 | 1855K | | 3018 | 3000 / 6000 |
| 18 X 1,5 | E,S | 55 | 1855 | | 3018 | 3000 / 6000 |
| 18 X 1,5 | H | 55 | 1855 | 2248 | | 3000 / 6000 |
| 18 X 2 | H | 55 | 1855 | 2248 | | 3000 / 6000 |
| 18 X 3 | H | 45 | 1845 | 2248 | | 3000 / 6000 |
| 20 X 1 | H,E | 60 | 2060 | | 3020 | 3000 / 6000 |
| 20 X 1,5 | H | 50 | 2050 | 2248 | | 3000 / 6000 |
| 20 X 2 | H | 50 | 2050 | 2248 | | 3000 / 6000 |
| 20 X 2,5 | H | 50 | 2050 | 2248 | | 3000 / 6000 |
| 20 X 2,5 | H | 50 | 2050 | 2248 | | 3000 / 6000 |



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| 20 X 3 | H | 50 | 2050 | 2248 | | 3000 / 6000 |
| 21,3 X 1,6 | E | 65 | 2165 | | 3021 | 3000 / 6000 |
| 21,3 X 2,0 | E | | 2165 | | 3021 | 3000 / 6000 |
| 21,3 X 2,65 | S,E | 55 | 2155 | 2248 | | 3000 / 6000 |
| 21,3 X 3,25 | S,E | 40 | 2140 | 2248 | | 3000 / 6000 |
| 22 X 1 | K,S,H | 65 | 2265K | | 3022 | 3000 / 6000 |
| 22 X 1,2 | E | 65 | 2265K | | 3022 | 3000 / 6000 |
| 22 X 1,5 | H | 55 | 2255 | 2248 | | 3000 / 6000 |
| 22 X 3 | H | 55 | 2255 | 2248 | | 3000 / 6000 |
| 25 X 1 | S,E | 80 | 2580 | | 3025 | 3000 / 6000 |
| 25 X 1,5 | H,S,E | 65 | 2565 | | 3025 | 3000 / 6000 |
| 25 X 2 | H,S | 65 | 2565 | | 3025 | 3000 / 6000 |
| 25 X 2,5 | H,S | 65 | 2565 | 2247 | | 3000 / 6000 |
| 25 X 3 | H | 65 | 2565 | 2247 | | 3000 / 6000 |
| 25 X 4 | H | 65 | 2565 | 2247 | | 6000 |
| 25 X 4,5 | H | 65 | 2565 | 2247 | | 6000 |
| 25 X 5 | H | 65 | 2565 | 2247 | | 6000 |
| 26,9 X 1,6 | E,S | 80 | 2680 | | 3026 | 3000 / 6000 |
| 26,9 X 2 | E,S | 80 | 2680 | | 3026 | 3000 / 6000 |
| 26,9 X 2,3 | E,S | 65 | 2665 | | 3026 | 3000 / 6000 |
| 26,9 X 2,65 | E,S | 65 | 2665 | 2247 | | 3000 / 6000 |
| 26,9 X 3,25 | S | 65 | 2665 | 2247 | | 3000 / 6000 |
| 28 X 1 | K | 98 | 2898K | | 3028 | 3000 / 6000 |
| 28 X 1,2 | E | 98 | 2898K | | 3028 | 3000 / 6000 |
| 28 X 1,5 | K,E | 80 | 2880K | | 3028 | 3000 / 6000 |
| 28 X 2 | H | 80 | 2880 | | 3028 | 3000 / 6000 |
| 28 X 2,5 | H | 70 | 2870 | 2247 | | 3000 / 6000 |
| 28 X 3 | H | 70 | 2870 | 5094 | | 6000 |
| 28 X 4 | H | 70 | 2870 | 5094 | | 6000 |
| 28 X 5 | H | 70 | 2870 | 5094 | | 6000 |
| 30 X 1 | E,S | 110 | 30110 | | 3030 | 3000 / 6000 |
| 30 X 1,5 | S | 110 | 30110 | | 3030 | 3000 / 6000 |
| 30 X 2 | H | 110 | 30110 | | 3030 | 6000 |
| 30 X 2 | H,E | 90 | 3090 | | 3030 | 6000 |
| 30 X 3 | H | 90 | 3090 | 5094 | | 6000 |
| 30 X 4 | H | 90 | 3090 | 5094 | | 6000 |



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| 30 X 5 | H | 90 | 3090 | 5094 | | 6000 |
| 32 X 2 | H | 110 | 32110 | | 3032 | 6000 |
| 32 X 3 | H | 110 | 32110 | 5094 | | 6000 |
| 33,7 X 2 | E,S | 110 | 33110 | | 3033 | 6000 |
| 33,7 X 2,9 | S | 125 | 33125 | 2244 | | 3000 |
| 33,7 X 2,9 | S | 110 | 33110 | | 3033 | 6000 |
| 33,7 X 3,25 | S | 125 | 33125 | 2244/5094 | | 3000/6000 |
| 33,7 X 3,25 | S | 85 | 3385 | 5094 | | 6000 |
| 33,7 X 4,05 | S | 85 | 3385 | 5094 | | 6000 |
| 35 X 1 | S | 122 | 35122K | | 3035 | 3000 / 6000 |
| 35 X 1,5 | K,E | 122 | 35122K | | 3035 | 3000 / 6000 |
| 35 X 2 | H | 110 | 35110 | | 3035 | 6000 |
| 35 X 3 | H | 90 | 3590 | 5094 | | 6000 |
| 38 X 1,5 | S | 130 | 38130 | | 3038 | 6000 |
| 38 X 2 | H,S | 130 | 38130 | | 3038 | 6000 |
| 38 X 3 | H | 105 | 38105 | 5095 | | 6000 |
| 38 X 5 | H | 130 | 38130 | 5095 | | 6000 |
| 40 X 1 | E | 220 | 40220 | | 3040 | 6000 |
| 40 X 1,5 | E | 150 | 40150 | | 3040 | 6000 |
| 42 X 1,5 | K,E | 150 | 42150K | | 3042 | 6000 |
| 42 X 2 | H | 125 | 42125 | | 3042 | 6000 |
| 42 X 3 | H | 125 | 42125 | 5095 | | 6000 |
| 42 X 4 | H | 125 | 42125 | 5095 | | 6000 |
| 42,4 X 2 | E,S | 150 | 43150 | | 3043 | 6000 |
| 42,4 X 2,5 | S | 150 | 43150 | | 3043 | 6000 |
| 42,4 X 2,9 | S | 150 | 43150 | | 3043 | 6000 |
| 42,4 X 3,25 | S | 125 | 43125 | 5095 | | 6000 |
| 48,3 X 2 | E | 180 | 48180 | | 3048 | 6000 |
| 48,3 X 2,5 | S | 180 | 48180 | | 3048 | 6000 |
| 48,3 X 3,25 | S | 170 | 48170 | 5096 | | 6000 |
| 48,3 X 3,25 | S | 170 | 48170 | 5096 | | 6000 |
| 50 X 3 | H | 200 | 50200 | 5097 | | 6000D |
| 50 X 5 | H | 220 | 50220 | 5097 | | 6000D |
| 52 X 1,5 | E | 250 | 52250 | | 3052 | 6000 |
| 54 x 2 | K | 220 | 54220K | | 3054 | 6000 |
| 54 X 2 | E | 220 | 54220 | | 3054 | 6000D |
| 60,3 X 2,0 | E | 250 | 60250 | | 30603 | 6000D |
| 60,3 X 3,25 | S | 250 | 60250 | 5097 | | 6000D |
| 60,3 X 3,65 | S | 250 | 60250 | 5097 | | 6000D |
| 60,3 x 5. | H | 250 | 60250 | 5097 | | 6000D |