# CURVE ISO SALDATE E S.S.

**SPESSORE NORMALE - RAGGIO STRETTO 3D**
**UNI 7929/79 - Fe 320/DIN 2605/62 - St. 37.0**
**ESTREMITA' LISCE (IN ACCORDO CON ISO 3418)**

| DIAM. | SPESS. | PESO TEORICO | PREZZO UNITARIO | | |
|---|---|---|---|---|---|
| | | | SALDATE | | S. S. |
| mm. | mm. | KG | 45° | 90° | 90° |
| 21.3* | 2.0 | 0.04 | - | - | 1,63 |
| 26.9 | 2.3 | 0.06 | 1,30 | 1,30 | 1,45 |
| 33.7 | 2.6 | 0.11 | 1,31 | 1,31 | 1,50 |
| 38.0 | 2.6 | 0.16 | 1,73 | 1,73 | - |
| 42.4 | 2.6 | 0.19 | 1,55 | 1,55 | 1,91 |
| 44.5 | 2.6 | 0.22 | 2,11 | 2,11 | - |
| 48.3 | 2.6 | 0.26 | 2,03 | 2,03 | 2,15 |
| 54.0 | 2.6 | 0.36 | 3,03 | 3,03 | - |
| 57.0 | 2.9 | 0.44 | 3,03 | 3,03 | - |
| 60.3 | 2.9 | 0.49 | 3,16 | 3,16 | 3,21 |
| 70.0 | 2.9 | 0.70 | 4,43 | 4,43 | 4,84 |
| 76.1 | 2.9 | 0.79 | 4,44 | 4,44 | 4,84 |
| 88.9 | 3.2 | 1.22 | 6,61 | 6,61 | 8,00 |
| 101.6 | 3.6 | 1.83 | 8,74 | 8,74 | 11,90 |
| 108.0 | 3.6 | 2.23 | 10,87 | 10,87 | 13,84 |
| 114.3 | 3.6 | 2.37 | 11,03 | 11,03 | 14,03 |
| 133.0 | 4.0 | 3.64 | 16,01 | 16,01 | 21,72 |
| 139.7 | 4.0 | 4.03 | 17,75 | 17,75 | 23,63 |
| 159.0 | 4.5 | 5.80 | 25,23 | 25,23 | 31,93 |
| 168.3 | 4.5 | 6.51 | 28,09 | 28,09 | 34,03 |
| 193.7 | 5.6 | 10.63 | 44,01 | 55,01 | 65,10 |
| 219.1 | 6.3 | 14.90 | 52,17 | 65,21 | 81,92 |
| 244.5 | 6.3 | 19.80 | Richiesta | 128,44 | 201,06 |
| 273.0 | 6.3 | 24.90 | Richiesta | 126,11 | 139,36 |
| 323.9 | 7.1 | 39.90 | Richiesta | 185,40 | 208,50 |
| 355.6 | 8.0 | 57.20 | - | - | - |
| 406.4 | 8.8 | 82.30 | - | - | - |
| 508 | 11.0 | 162.00 | - | - | - |
| 609,6 | 12.5 | | - | - | - |

** Solo in esecuzione senza saldatura*

*N.B.: Il peso teorico indicato è riferito alla curva a 90°.*

# CURVE ASA S.S.

**LONG RADIUS (L.R.) 1,5D - ANSI B16.9**
**ACCIAIO ASTM A234 Gr WPB (A 106 Gr. B)**
**ESTREMITA' SMUSSATE ANSI B 16.25**

| DIAM. | DIAM. ESTERNO | PESO TEORICO | PREZZO UNITARIO | | |
|---|---|---|---|---|---|
| IN. | mm. | KG | 90°-Sp.STD | 90°-Sp.XS | 45°-Sp.STD |
| 1/2 | 21,34 | 0,05 | 3,85 | | |
| 3/4 | 26,67 | 0,06 | 3,85 | | |
| 1 | 33,4 | 0,15 | 4,17 | | |
| 1 1/4 | 42,16 | 0,26 | 4,81 | | |
| 1 1/2 | 48,26 | 0,38 | 5,78 | | |
| 2 | 60,33 | 0,68 | 7,06 | | |
| 2 1/2 | 73,03 | 1,30 | 10,91 | | |
| 3 | 88,9 | 1,50 | 17,01 | Prezzi | Prezzi |
| 3 1/2 | 101,6 | 2,23 | - | a | a |
| 4 | 114,3 | 2,92 | 26,32 | richiesta | richiesta |
| 5 | 141,3 | 6,67 | 71,73 | | |
| 6 | 168,3 | 6,50 | 67,41 | | |
| 8 | 219,1 | 16,00 | 131,60 | | |
| 10 | 273 | 25,00 | 218,27 | | |
| 12 | 323,9 | 35,70 | 353,09 | | |
| 14 | 355 | 72,00 | Richiesta | | |
| 16 | 406 | 94,50 | Richiesta | | |

*N.B.: Per curve in esecuzione - SHORT RADIUS -*
*quotazioni da richiedere di volta in volta*
*Il peso teorico indicato è riferito allo spessore STD.*

# CURVE ISO S.S. 5D

**DIN 2605, R.ST.37.0.**

| DIAM. IN. | DIAM. EST. mm. | SPESS. | PREZZO UNITARIO |
|---|---|---|---|
| 1/2 | 21,3 | 2,00 | 3,06 |
| 3/4 | 26,9 | 2,30 | 3,28 |
| 1 | 33,7 | 2,60 | 3,29 |
| 1 1/4 | 42,4 | 2,60 | 4,06 |
| 1 1/2 | 48,3 | 2,60 | 4,78 |
| 2 | 60,3 | 2,90 | 6,77 |
| 2 1/2 | 76,1 | 2,90 | 9,22 |
| 3 | 88,9 | 3,20 | 15,66 |
| 3 1/2 | 101,6 | 3,60 | 28,22 |
| | 108 | 3,60 | 31,63 |
| 4 | 114,3 | 3,60 | 31,70 |
| | 133 | 4,00 | 51,57 |
| 5 | 139,7 | 4,00 | 71,55 |
| | 159 | 4,50 | 80,44 |
| 6 | 168,3 | 4,50 | 99,64 |
| 8 | 219,1 | 6,30 | 230,86 |

# RIDUZIONI CONCENTRICHE ED ECCENTRICHE

(ANSI + ISO)

| DIAMETRO IN. D x d | ISO CONCENTR. SP. NORM. | ANSI B 16.9/25 CONCENTR. SP. STD | ANSI B 16.9/25 ECCENTRIC. SP. STD |
|---|---|---|---|
| 3/4 x 1/2 | | 5,85 | 9,06 |
| 1 x 1/2 | | 5,85 | 9,06 |
| x 3/4 | 4,43 | 6,10 | 9,06 |
| 1 1/4 x 1/2 | | 7,40 | 13,57 |
| x 3/4 | 4,80 | 6,60 | 11,31 |
| x 1 | 4,39 | 6,10 | 10,27 |
| 1 1/2 x 1/2 | | | |
| x 3/4 | 6,47 | 7,80 | 13,77 |
| x 1 | 5,30 | 6,42 | 11,51 |
| x 1 1/4 | 4,51 | 6,42 | 10,48 |
| 2 x 1/2 | | | |
| x 3/4 | | | |
| x 1 | 6,70 | 8,12 | 13,33 |
| x 1 1/4 | 5,82 | 6,60 | 12,32 |
| x 1 1/2 | 5,03 | 6,50 | 10,48 |
| 70 x 42,4 | 8,53 | | |
| x 48,3 | 7,38 | | |
| x 60,3 | 6,47 | | |
| 2 1/2 x 1 | | | |
| x 1 1/4 | 7,90 | 11,03 | 16,46 |
| x 1 1/2 | 6,97 | 10,25 | 13,97 |
| x 2 | 6,34 | 9,08 | 12,76 |
| 3 x 1 | | | |
| x 1 1/4 | 16,52 | 12,97 | 20,16 |
| x 1 1/2 | 11,63 | 12,47 | 19,85 |
| x 2 | 9,15 | 9,47 | 14,81 |
| x 70 | 8,40 | | |
| x 2 1/2 | 7,51 | 9,35 | 14,81 |
| 101,6 x 1 1/2 | | | |
| x 2 | 18,64 | 14,96 | |
| x 70 | 15,23 | | |
| x 2 1/2 | 12,06 | 13,71 | |
| x 3 | 10,96 | 11,35 | |
| 108 x 60 | 18,10 | | |
| x 70 | 16,47 | | |
| x 76,1 | 13,77 | | |
| x 88,9 | 11,52 | | |
| 4 x 1 | | | |
| x 1 1/4 | | | |
| x 1 1/2 | | | |
| x 2 | 18,91 | 14,96 | 31,51 |
| x 70 | 18,10 | | |
| x 2 1/2 | | 13,71 | 26,15 |
| x 76,1 | 14,60 | | |
| x 3 | 12,77 | 11,35 | 25,68 |
| x 3 1/2 | 12,21 | | |
| 133 x 70 | 34,84 | | |
| x 76,1 | 29,70 | | |
| x 88,9 | 20,65 | | |
| x 101,6 | 19,36 | | |
| x 108 | 19,76 | | |
| x 114,3 | 15,52 | | |
| 139,7 x 76,1 | 30,85 | | |
| x 88,9 | 26,21 | | |
| x 101,6 | 25,02 | | |
| x 108 | 21,66 | | |
| x 114,3 | 19,74 | | |
| x 133 | 14,56 | | |

| DIAMETRO IN. D x d | ISO CONCENTR. SP. NORM. | ANSI B 16.9/25 CONCENTR. SP. STD | ANSI B 16.9/25 ECCENTRIC. SP. STD |
|---|---|---|---|
| 5 x 2 1/2 | | 27,43 | 45,53 |
| x 3 | | 23,06 | 39,68 |
| x 3 1/2 | | | |
| x 4 | | 20,07 | 38,52 |
| 159 x 88,9 | 43,14 | | |
| x 101,6 | 34,84 | | |
| x 108 | 29,95 | | |
| x 114,3 | 27,52 | | |
| x 133 | 20,92 | | |
| x 139 | 18,60 | | |
| 6 x 2 | | | |
| x 2 1/2 | | | |
| x 3 | 46,59 | 25,55 | 65,36 |
| x 3 1/2 | 40,77 | | |
| x 108 | 37,50 | | |
| x 4 | 30,51 | 24,31 | 50,20 |
| x 133 | 25,06 | | |
| x 139,7 | 23,80 | | |
| x 5 | | 23,94 | 86,36 |
| x 159 | 18,24 | | |
| 193,7 x 114,3 | 59,01 | | |
| x 133 | 55,00 | | |
| x 139,7 | 45,70 | | |
| x 159 | 37,44 | | |
| x 168,3 | 33,18 | | |
| 8 x 4 | 73,96 | 51,12 | 86,36 |
| x 133 | 57,12 | | |
| x 139,7 | 48,63 | | |
| x 5 | | 43,38 | 82,88 |
| x 159 | 45,59 | | |
| x 6 | 41,81 | 37,89 | 117,90 |
| x 193,7 | 34,17 | | |
| 244,5 x 159 | 90,38 | | |
| x 168 | 80,04 | | |
| x 193 | 63,25 | | |
| x 219 | 54,20 | | |
| 10 x 4 | | | |
| x 5 | | | |
| x 159 | 111,45 | | |
| x 6 | 89,90 | 60,47 | 117,90 |
| x 193,7 | 88,65 | | |
| x 8 | 76,48 | 56,73 | 115,56 |
| x 244,5 | 55,72 | | |
| 12 x 6 | | | |
| x 8 | 153,48 | 91,02 | 210,11 |
| x 244,5 | 135,76 | | |
| x 10 | 101,32 | 81,04 | 198,43 |
| 14 x 6 | | 269,19 | |
| 14 x 8 | | 256,20 | |
| 14 x 10 | | 250,33 | |
| 14 x 12 | | 226,02 | |
| 16 x 8 | | 267,80 | |
| 16 x 10 | | 262,08 | |
| 16 x 12 | | 232,14 | |
| 16 x 14 | | 229,76 | |

# TEE NORMALI - TEE RIDOTTI STD - FONDELLI

(ANSI + ISO)

| | | TEE NORMALI | | TEE RIDOTTI STD | FONDELLI (ISO + ANSI) | |
|---|---|---|---|---|---|---|
| DIAM. D x d | IN. | DIN. 2615 SP. NORMALI | ANSI B. 16,9 ASTM A234 WPB STD | ANSI B. 16,9 ASTM A234 WPB STD | ISO DIN 28011 SPESSORE NORMALE | ANSI B 16.9 ASTM A234 WPB STD |
| 1/2 | 21 x 21 x 21 | 8,17 | 9,25 | | | 5,14 |
| 3/4 | 26 x 26 x 26 | 8,67 | 9,25 | | 0,73 | 5,38 |
| | 26 x 21 x 26 | | | 9,85 | | |
| 1 | 33 x 33 x 33 | 10,20 | 11,43 | | 0,73 | 5,85 |
| | 33 x 26 x 33 | | | 12,16 | | |
| | 33 x 21 x 33 | | | 12,16 | | |
| 1 1/4 | 42 x 42 x 42 | 11,83 | 13,10 | | 0,78 | 6,42 |
| | 42 x 33 x 42 | | | 13,87 | | |
| | 42 x 26 x 42 | | | 13,87 | | |
| 1 1/2 | 48 x 48 x 48 | 13,69 | 14,78 | | 0,94 | 7,00 |
| | 48 x 42 x 48 | | | 15,67 | | |
| | 48 x 33 x 48 | | | 15,67 | | |
| 2 | 60 x 60 x 60 | 17,22 | 18,50 | | 1,02 | 7,47 |
| | 60 x 48 x 60 | | | 19,61 | | |
| | 60 x 42 x 60 | | | 19,61 | | |
| | 60 x 33 x 60 | | | 19,61 | | |
| 70 | 70 x 70 x 70 | | | | 1,68 | |
| | 73 x 60 x 73 | | | 27,83 | | |
| | 73 x 48 x 73 | | | 27,83 | | |
| | 73 x 42 x 73 | | | 27,83 | | |
| 2 1/2 | 73 x 73 x 73 | | 26,20 | | | 9,33 |
| 76,1 | | 24,46 | | | 1,56 | |
| 3 | 88 x 88 x 88 | 35,24 | 37,76 | | 1,89 | 9,69 |
| | 88 x 73 x 88 | | | 40,07 | | |
| | 88 x 60 x 88 | | | 40,07 | | |
| | 88 x 48 x 88 | | | 40,07 | | |
| 3 1/2 | | | | | | |
| 108 | | | | | 4,87 | |
| 4 | 114 x 114 x 114 | 49,54 | 53,17 | | 5,37 | 14,71 |
| | 114 x 88 x 114 | | | 56,38 | | |
| | 114 x 73 x 114 | | | 56,38 | | |
| | 114 x 60 x 114 | | | 56,38 | | |
| 133 | | | | | 7,02 | |
| 139,7 | | 71,17 | | | 9,74 | |
| 5 | 141 x 141 x 141 | | 75,52 | | | 21,94 |
| | 141 x 114 x 141 | | | 80,06 | | |
| | 141 x 88 x 141 | | | 80,06 | | |
| | 141 x 73 x 141 | | | 80,06 | | |
| | 141 x 60 x 141 | | | 80,06 | | |
| 159 | | | | | 12,48 | |
| 6 | 168 x 168 x 168 | 91,50 | 97,82 | | 15,70 | 24,76 |
| | 168 x 114 x 168 | | | 102,92 | | |
| | 168 x 88 x 168 | | | 102,92 | | |
| | 168 x 73 x 168 | | | 102,92 | | |
| 193,7 | | | | | 24,53 | |
| 8 | 219 x 219 x 219 | 174,35 | 184,94 | | 27,59 | |
| | 219 x 168 x 219 | | | 196,26 | | 42,03 |
| | 219 x 141 x 219 | | | 196,26 | | |
| | 219 x 114 x 219 | | | 196,26 | | |
| 244,5 | | | | | 51,91 | |
| 10 | 273 x 273 x 273 | 406,80 | 369,88 | | 63,20 | 61,86 |
| | 273 x 168 x 273 | | | 247,27 | | |
| | 273 x 219 x 273 | | | 247,27 | | |
| 12 | 323 x 323 x 323 | 531,20 | 492,31 | | 75,14 | 106,91 |
| | 323 x 219 x 323 | | | 364,43 | | |
| | 323 x 273 x 323 | | | 364,43 | | |
| 14 | 355 x 355 x 355 | | | | 190,39 | |
| 16 | 406 x 406 x 406 | | | | 257,68 | |
| 20 | 508 x 508 x 508 | | | | | |
| 24 | 609,6 x 609,6 x 609,6 | | | | | |

# MANICOTTI IN ACCIAIO FILETTATI

| DIAMETRO EST. | PREZZO UNITARIO | | |
|---|---|---|---|
| | GAS | | PORTACAVI AD-PE |
| | NERI | ZINCATI | ZINCATI |
| 3/8″ | 0,69 | 0,82 | – |
| 1/2″ | 0,93 | 1,04 | 2,12 |
| 3/4″ | 1,12 | 1,32 | 2,59 |
| 1″ | 1,51 | 1,84 | 3,84 |
| 1 1/4″ | 2,47 | 3,00 | 6,31 |
| 1 1/2″ | 2,95 | 3,53 | 6,86 |
| 2″ | 4,20 | 5,04 | 8,39 |
| 2 1/2″ | 7,04 | 8,26 | 11,31 |
| 3″ | 8,45 | 10,48 | 14,04 |
| 4″ | 16,84 | 19,61 | 22,07 |
| 5″ | 29,18 | 35,86 | – |
| 6″ | 57,38 | 67,22 | – |