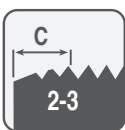
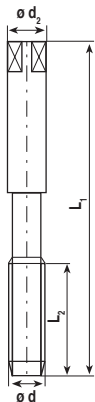


DIN 374



Codice Articolo

| ER | ER-Y | ER-T | ER | ER |
|----|------|------|----|----|
|----|------|------|----|----|



|         |        |       |       |        |        |
|---------|--------|-------|-------|--------|--------|
|         | NEUTRO | TiN   | TiCN  | NEUTRO | NEUTRO |
| Tol     | 6H     | 6H    | 6H    | 6G     | +10    |
| Mat     | HSS-E  | HSS-E | HSS-E | HSS-E  | HSS-E  |
| Imbocco | C      | C     | C     | C      | C      |

| L1  | L2 | d2  | ∅   | Preforo | d x p        |       |       |       |       |       |
|-----|----|-----|-----|---------|--------------|-------|-------|-------|-------|-------|
| 45  | 8  | 1.4 | -   | 1.75    | M 2 x 0.25   |       |       |       |       |       |
| 45  | 8  | 1.6 | -   | 1.95    | M 2.2 x 0.25 |       |       |       |       |       |
| 45  | 9  | 1.8 | -   | 2.15    | M 2.5 x 0.35 |       |       |       |       |       |
| 56  | 5  | 2.2 | -   | 2.65    | M 3 x 0.35   | 31,05 |       |       |       |       |
| 56  | 6  | 2.5 | 2.1 | 3.15    | M 3.5 x 0.35 |       |       |       |       |       |
| 63  | 7  | 2.8 | 2.1 | 3.5     | M 4 x 0.5    | 28,75 |       |       |       |       |
| 70  | 8  | 3.5 | 2.7 | 4.5     | M 5 x 0.5    | 29,21 |       |       |       |       |
| 80  | 10 | 4.5 | 3.4 | 5.5     | M 6 x 0.5    | 37,37 |       |       |       |       |
| 80  | 10 | 4.5 | 3.4 | 5.25    | M 6 x 0.75   | 27,60 | 32,45 | 34,04 | 32,20 |       |
| 80  | 10 | 5.5 | 4.3 | 6.25    | M 7 x 0.75   | 34,50 |       |       |       |       |
| 90  | 12 | 6   | 4.9 | 7.25    | M 8 x 0.75   | 31,88 |       |       |       |       |
| 90  | 12 | 6   | 4.9 | 7       | M 8 x 1      | 26,45 | 33,38 | 35,65 | 31,05 | 46,19 |
| 100 | 18 | 7   | 5.5 | 8       | M 9 x 1      | 40,25 |       |       |       |       |
| 100 | 12 | 7   | 5.5 | 9.25    | M 10 x 0.75  | 43,70 |       |       |       |       |
| 100 | 12 | 7   | 5.5 | 9       | M 10 x 1     | 27,83 | 36,63 | 39,56 | 32,20 | 50,11 |
| 100 | 12 | 7   | 5.5 | 8.75    | M 10 x 1.25  | 28,41 | 37,21 | 40,14 | 32,66 | 50,27 |
| 100 | 12 | 8   | 6.2 | 10.25   | M 11 x 0.75  |       |       |       |       |       |
| 100 | 12 | 8   | 6.2 | 10      | M 11 x 1     | 46,00 |       |       |       |       |
| 100 | 12 | 8   | 6.2 | 9.75    | M 11 x 1.25  | 54,28 |       |       |       |       |
| 100 | 12 | 9   | 7   | 11.25   | M 12 x 0.75  | 51,75 |       |       |       |       |
| 100 | 12 | 9   | 7   | 11      | M 12 x 1     | 36,80 | 47,17 | 50,60 |       | 61,98 |
| 100 | 12 | 9   | 7   | 10.75   | M 12 x 1.25  | 34,50 | 44,87 | 48,30 | 40,25 | 61,98 |
| 100 | 16 | 9   | 7   | 10.5    | M 12 x 1.5   | 34,50 | 44,87 | 48,30 |       |       |
| 100 | 12 | 11  | 9   | 12.5    | M 13 x 0.5   |       |       |       |       |       |
| 100 | 12 | 11  | 9   | 12.25   | M 13 x 0.75  |       |       |       |       |       |
| 100 | 18 | 11  | 9   | 12      | M 13 x 1     | 54,74 |       |       |       |       |
| 100 | 12 | 11  | 9   | 13.5    | M 14 x 0.5   |       |       |       |       |       |
| 100 | 12 | 11  | 9   | 13.25   | M 14 x 0.75  |       |       |       |       |       |
| 100 | 12 | 11  | 9   | 13      | M 14 x 1     | 48,30 |       |       |       |       |
| 100 | 12 | 11  | 9   | 12.75   | M 14 x 1.25  | 48,30 |       |       |       |       |
| 110 | 18 | 11  | 9   | 12.5    | M 14 x 1.5   | 43,47 | 57,32 | 61,87 | 50,60 | 84,93 |
| 100 | 18 | 12  | 9   | 14      | M 15 x 1     | 67,85 |       |       |       |       |
| 100 | 18 | 12  | 9   | 13.5    | M 15 x 1.5   | 67,85 |       |       |       |       |
| 100 | 12 | 12  | 9   | 15      | M 16 x 1     | 56,58 |       |       |       |       |
| 100 | 12 | 12  | 9   | 14.75   | M 16 x 1.25  | 69,00 |       |       |       |       |
| 100 | 18 | 12  | 9   | 14.5    | M 16 x 1.5   | 48,76 | 63,90 | 68,89 | 58,65 | 96,41 |
| 100 | 18 | 12  | 9   | 16      | M 17 x 1     | 81,65 |       |       |       |       |
| 100 | 18 | 12  | 9   | 15.5    | M 17 x 1.5   |       |       |       |       |       |
| 110 | 18 | 14  | 11  | 17      | M 18 x 1     | 67,85 |       |       |       |       |
| 110 | 25 | 14  | 11  | 16.5    | M 18 x 1.5   | 64,40 | 80,38 | 85,68 |       |       |
| 110 | 18 | 14  | 11  | 16      | M 18 x 2     | 97,75 |       |       |       |       |

Codice Articolo

| ER | ER-Y | ER-T | ER | ER |
|----|------|------|----|----|
|----|------|------|----|----|

|         | NEUTRO | TiN   | TiCN  | NEUTRO | NEUTRO |
|---------|--------|-------|-------|--------|--------|
| Tol     | 6H     | 6H    | 6H    | 6G     | +10    |
| Mat     | HSS-E  | HSS-E | HSS-E | HSS-E  | HSS-E  |
| Imbocco | C      | C     | C     | C      | C      |



| L1  | L2 | d2 | ∅    | Preforo | d x p      |        |        |        |  |
|-----|----|----|------|---------|------------|--------|--------|--------|--|
| 125 | 18 | 16 | 12   | 19      | M 20 x 1   | 79,35  |        |        |  |
| 125 | 18 | 16 | 12   | 18,5    | M 20 x 1.5 | 72,59  | 101,73 | 111,78 |  |
| 125 | 18 | 16 | 12   | 18      | M 20 x 2   | 103,50 |        |        |  |
| 125 | 18 | 18 | 14,5 | 21      | M 22 x 1   | 94,30  |        |        |  |
| 125 | 18 | 18 | 14,5 | 20,5    | M 22 x 1.5 | 80,50  |        |        |  |
| 125 | 18 | 18 | 14,5 | 20      | M 22 x 2   | 116,15 |        |        |  |
| 140 | 18 | 18 | 14,5 | 23      | M 24 x 1   | 108,10 |        |        |  |
| 140 | 18 | 18 | 14,5 | 22,5    | M 24 x 1.5 | 92,00  |        |        |  |
| 140 | 18 | 18 | 14,5 | 22      | M 24 x 2   | 115,00 |        |        |  |
| 140 | 18 | 18 | 14,5 | 24      | M 25 x 1   |        |        |        |  |
| 140 | 18 | 18 | 14,5 | 23,5    | M 25 x 1.5 | 137,08 |        |        |  |
| 140 | 18 | 18 | 14,5 | 23      | M 25 x 2   |        |        |        |  |
| 140 | 18 | 20 | 16   | 25      | M 26 x 1   | 158,70 |        |        |  |
| 140 | 18 | 20 | 16   | 24,5    | M 26 x 1.5 | 142,60 |        |        |  |
| 140 | 18 | 20 | 16   | 24      | M 26 x 2   |        |        |        |  |
| 140 | 25 | 20 | 16   | 26      | M 27 x 1   |        |        |        |  |
| 140 | 25 | 20 | 16   | 25,5    | M 27 x 1.5 | 144,90 |        |        |  |
| 140 | 25 | 20 | 16   | 25      | M 27 x 2   | 151,80 |        |        |  |
| 150 | 18 | 20 | 16   | 27      | M 28 x 1   |        |        |        |  |
| 150 | 18 | 20 | 16   | 26,5    | M 28 x 1.5 | 165,60 |        |        |  |
| 150 | 18 | 20 | 16   | 26      | M 28 x 2   |        |        |        |  |
| 150 | 18 | 22 | 18   | 29      | M 30 x 1   |        |        |        |  |
| 150 | 18 | 22 | 18   | 28,5    | M 30 x 1.5 | 170,20 |        |        |  |
| 150 | 25 | 22 | 18   | 28      | M 30 x 2   | 170,20 |        |        |  |
| 150 | 18 | 22 | 18   | 31      | M 32 x 1   |        |        |        |  |
| 150 | 18 | 22 | 18   | 30,5    | M 32 x 1.5 | 195,50 |        |        |  |
| 150 | 18 | 22 | 18   | 30      | M 32 x 2   |        |        |        |  |
| 160 | 22 | 25 | 20   | 31,5    | M 33 x 1.5 | 223,10 |        |        |  |
| 160 | 22 | 25 | 20   | 31      | M 33 x 2   | 213,90 |        |        |  |
| 160 | 25 | 28 | 22   | 32,5    | M 34 x 1.5 |        |        |        |  |
| 180 | 22 | 28 | 22   | 34,5    | M 36 x 1.5 | 246,10 |        |        |  |
| 180 | 32 | 28 | 22   | 34      | M 36 x 2   | 243,80 |        |        |  |
| 180 | 32 | 28 | 22   | 33      | M 36 x 3   | 250,70 |        |        |  |
| 180 | 28 | 32 | 24   | 36,5    | M 38 x 1.5 | 381,80 |        |        |  |
| 180 | 28 | 32 | 24   | 37      | M 39 x 2   |        |        |        |  |
| 190 | 36 | 32 | 24   | 36      | M 39 x 3   | 356,50 |        |        |  |
| 180 | 28 | 32 | 24   | 38,5    | M 40 x 1.5 | 315,10 |        |        |  |
| 180 | 28 | 32 | 24   | 38      | M 40 x 2   | 361,10 |        |        |  |
| 180 | 28 | 32 | 24   | 37      | M 40 x 3   |        |        |        |  |
| 180 | 32 | 32 | 24   | 40,5    | M 42 x 1.5 | 363,40 |        |        |  |
| 180 | 32 | 32 | 24   | 40      | M 42 x 2   | 388,70 |        |        |  |
| 200 | 36 | 32 | 24   | 39      | M 42 x 3   | 363,40 |        |        |  |
| 190 | 28 | 36 | 29   | 43,5    | M 45 x 1.5 | 395,60 |        |        |  |
| 190 | 36 | 36 | 29   | 43      | M 45 x 2   | 437,00 |        |        |  |
| 190 | 36 | 36 | 29   | 42      | M 45 x 3   | 425,50 |        |        |  |
| 190 | 28 | 36 | 29   | 46,5    | M 48 x 1.5 | 460,00 |        |        |  |
| 190 | 28 | 36 | 29   | 46      | M 48 x 2   | 517,50 |        |        |  |
| 200 | 36 | 36 | 29   | 45      | M 48 x 3   | 487,60 |        |        |  |
| 200 | 32 | 36 | 29   | 48,5    | M 50 x 1.5 | 542,80 |        |        |  |
| 200 | 32 | 36 | 29   | 48      | M 50 x 2   | 542,80 |        |        |  |
| 200 | 32 | 36 | 29   | 47      | M 50 x 3   | 542,80 |        |        |  |
| 200 | 36 | 40 | 32   | 50,5    | M 52 x 1.5 |        |        |        |  |
| 200 | 36 | 40 | 32   | 50      | M 52 x 2   |        |        |        |  |
| 200 | 36 | 40 | 32   | 49      | M 52 x 3   |        |        |        |  |