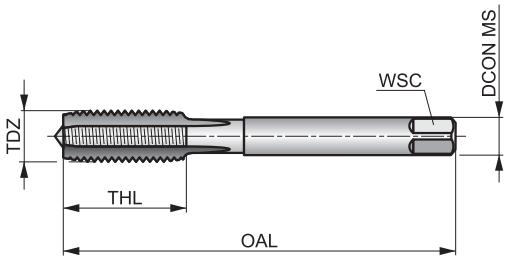
# E111

DORMER

## Juego de Machos de Mano en Serie HSS, Canales Rectos, UNF, Norma DIN

Ideal para roscar a mano materiales duros. El diseño recto lo hace adecuado tanto para agujeros pasantes como ciegos. Disponible como un solo macho de acabado o como un juego de tres machos en serie, que deben usarse por orden uno tras otro para crear la rosca completa.

| | | |
|---|---|---|
| UNF | DIN 2181 | 2B |
| | 1.5×D | HSS |
| C 2-3 | | R |
| Bright | | |




Grupo de Material de la pieza.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1.1 ■ | P1.2 ■ | P1.3 ■ | P2.1 ■ | P2.2 ■ | P2.3 ◪ | P3.1 ■ | P3.2 ◪ | P4.1 ◪ | K1.1 ◪ | K1.2 ◪ | K1.3 ◪ | K2.1 ◪ | K2.2 ◪ |
| K3.1 ◪ | K3.2 ◪ | K4.1 ◪ | K4.2 ◪ | K5.1 ◪ | K5.2 ◪ | N1.1 ■ | N1.2 ■ | N1.3 ■ | N2.1 ■ | N2.2 ■ | N2.3 ■ | N3.1 ■ | N3.2 ■ |
| N3.3 ■ | N4.2 ■ | N4.3 ■ | | | | | | | | | | | |

| Producto | TDZ | TPI | TD (mm) | OAL (mm) | THL (mm) | DCON MS (mm) | WSC (mm) | NOF | PHD (mm) |
|---|---|---|---|---|---|---|---|---|---|
| **E1115-44N03** | 5 | 44 | 3.180 | 45.0 | 13 | 4.00 | 3.00 | 3 | 2.70 |
| **E1115-44N09** | 5 | 44 | 3.180 | 45.0 | 13 | 4.00 | 3.00 | 3 | 2.70 |
| **E1116-40N03** | 6 | 40 | 3.510 | 45.0 | 10 | 4.00 | 3.00 | 3 | 2.95 |
| **E1116-40N09** | 6 | 40 | 3.510 | 45.0 | 10 | 4.00 | 3.00 | 3 | 2.95 |
| **E1118-36N03** | 8 | 36 | 4.170 | 50.0 | 14 | 6.00 | 4.90 | 3 | 3.50 |
| **E1118-36N09** | 8 | 36 | 4.170 | 50.0 | 14 | 6.00 | 4.90 | 3 | 3.50 |
| **E11110-32N03** | 10 | 32 | 4.820 | 50.0 | 14 | 6.00 | 4.90 | 3 | 4.10 |
| **E11110-32N09** | 10 | 32 | 4.820 | 50.0 | 14 | 6.00 | 4.90 | 3 | 4.10 |
| **E1111/4N03** | 1/4 | 28 | 6.350 | 56.0 | 17 | 6.00 | 4.90 | 3 | 5.50 |
| **E1111/4N09** | 1/4 | 28 | 6.350 | 56.0 | 17 | 6.00 | 4.90 | 3 | 5.50 |
| **E1115/16N03** | 5/16 | 24 | 7.940 | 63.0 | 19 | 6.00 | 4.90 | 3 | 6.90 |
| **E1115/16N09** | 5/16 | 24 | 7.940 | 63.0 | 19 | 6.00 | 4.90 | 3 | 6.90 |
| **E1113/8N03** | 3/8 | 24 | 9.530 | 63.0 | 16 | 7.00 | 5.50 | 3 | 8.50 |
| **E1113/8N09** | 3/8 | 24 | 9.530 | 63.0 | 16 | 7.00 | 5.50 | 3 | 8.50 |
| **E1117/16N03** | 7/16 | 20 | 11.110 | 63.0 | 15 | 8.00 | 6.20 | 3 | 9.90 |
| **E1117/16N09** | 7/16 | 20 | 11.110 | 63.0 | 15 | 8.00 | 6.20 | 3 | 9.90 |
| **E1111/2N03** | 1/2 | 20 | 12.700 | 70.0 | 22 | 9.00 | 7.00 | 3 | 11.50 |
| **E1111/2N09** | 1/2 | 20 | 12.700 | 70.0 | 22 | 9.00 | 7.00 | 3 | 11.50 |
| **E1119/16N03** | 9/16 | 18 | 14.290 | 70.0 | 16 | 11.00 | 9.00 | 4 | 12.90 |
| **E1119/16N09** | 9/16 | 18 | 14.290 | 70.0 | 16 | 11.00 | 9.00 | 4 | 12.90 |
| **E1115/8N03** | 5/8 | 18 | 15.880 | 70.0 | 16 | 12.00 | 9.00 | 4 | 14.50 |
| **E1115/8N09** | 5/8 | 18 | 15.880 | 70.0 | 16 | 12.00 | 9.00 | 4 | 14.50 |
| **E1113/4N03** | 3/4 | 16 | 19.050 | 80.0 | 22 | 14.00 | 11.00 | 4 | 17.50 |
| **E1113/4N09** | 3/4 | 16 | 19.050 | 80.0 | 22 | 14.00 | 11.00 | 4 | 17.50 |
| **E1117/8N03** | 7/8 | 14 | 22.230 | 90.0 | 22 | 18.00 | 14.50 | 4 | 20.40 |
| **E1117/8N09** | 7/8 | 14 | 22.230 | 90.0 | 22 | 18.00 | 14.50 | 4 | 20.40 |
| **E1111N03** | 1″ | 12 | 25.400 | 90.0 | 22 | 20.00 | 16.00 | 4 | 23.25 |
| **E1111N09** | 1″ | 12 | 25.400 | 90.0 | 22 | 20.00 | 16.00 | 4 | 23.25 |