

Aplicación: Taladrados de profundidad media < 3xd en aceros blandos hasta 500N/mm<sup>2</sup>



- Especial aceros resistentes y fundiciones
- Taladrado rápido
- Resistente
- Taladrado preciso
- Made in France

- Afilado elíptico
- mango cilíndrico.
- Hélice tipo N a 30°
- Acero rápido
- Punta de 118°

## Máquinas



## Aplicaciones



## Características



## Propiedades y beneficios

- + Afilado elíptico: disminución elíptica de la punta de la broca. ➡ Permite reducir los esfuerzos de corte manteniendo una excelente rigidez de la herramienta y una buena resistencia al desgaste.
- + mango cilíndrico: el diámetro del mango es igual al diámetro de la punta. ➡ Permite un uso versátil en máquinas electroportátiles y máquinas herramientas CNC.
- + Hélice tipo N de 30°: perfil de hélice normal con un ángulo de hélice de 30°. ➡ Adecuado para usos generales. Aporta una buena rigidez a la herramienta así como una excelente precisión de taladrado.
- + Acero rápido: sustrato HSS ➡ Para uso general en aceros de baja dureza
- + Punta de 118°: ángulo de punta de 118° del afilado de la broca. ➡ Apta para un uso general en materiales de virutas largas. Permite un ataque rápido del material y un fácil centrado.



| Codigo      | EAN           | Ø   | d2/CM | L  | I  | lu | QTY | PCB |
|-------------|---------------|-----|-------|----|----|----|-----|-----|
| 81400310030 | 3221910841393 | 0.3 | 0.3   | 19 | 3  |    | 1   | 10  |
| 81400310040 | 3221910841409 | 0.4 | 0.4   | 20 | 5  |    | 1   | 10  |
| 81400310050 | 3221910841416 | 0.5 | 0.5   | 22 | 6  |    | 1   | 10  |
| 81400310060 | 3221910841423 | 0.6 | 0.6   | 24 | 7  |    | 1   | 10  |
| 81400310070 | 3221910841430 | 0.7 | 0.7   | 28 | 9  |    | 1   | 10  |
| 81400310080 | 3221910841454 | 0.8 | 0.8   | 30 | 10 |    | 1   | 10  |
| 81400310090 | 3221910841461 | 0.9 | 0.9   | 32 | 11 |    | 1   | 10  |
| 81400310100 | 3221910841478 | 1   | 1     | 34 | 12 |    | 1   | 10  |
| 81400310110 | 3221910841485 | 1.1 | 1.1   | 36 | 14 |    | 1   | 10  |
| 81400310120 | 3221910841492 | 1.2 | 1.2   | 38 | 16 |    | 1   | 10  |
| 81400310130 | 3221910841515 | 1.3 | 1.3   | 38 | 16 |    | 1   | 10  |
| 81400310140 | 3221910841522 | 1.4 | 1.4   | 40 | 18 |    | 1   | 10  |
| 81400310150 | 3221910841539 | 1.5 | 1.5   | 40 | 18 |    | 1   | 10  |

Aplicación: Taladrados de profundidad media < 3xd en aceros blandos hasta 500N/mm<sup>2</sup>

|             |               |      |      |     |    |   |    |
|-------------|---------------|------|------|-----|----|---|----|
| 81400310160 | 3221910841546 | 1.6  | 1.6  | 43  | 20 | 1 | 10 |
| 81400310170 | 3221910841553 | 1.7  | 1.7  | 43  | 20 | 1 | 10 |
| 81400310180 | 3221910841577 | 1.8  | 1.8  | 46  | 22 | 1 | 10 |
| 81400310190 | 3221910841584 | 1.9  | 1.9  | 46  | 22 | 1 | 10 |
| 81400310200 | 3221910841591 | 2    | 2    | 49  | 24 | 1 | 10 |
| 81400310210 | 3221910841607 | 2.1  | 2.1  | 49  | 24 | 1 | 10 |
| 81400310220 | 3221910841614 | 2.2  | 2.2  | 53  | 27 | 1 | 10 |
| 81400310230 | 3221910841638 | 2.3  | 2.3  | 53  | 27 | 1 | 10 |
| 81400310240 | 3221910841645 | 2.4  | 2.4  | 57  | 30 | 1 | 10 |
| 81400310250 | 3221910841652 | 2.5  | 2.5  | 57  | 30 | 1 | 10 |
| 81400310260 | 3221910841669 | 2.6  | 2.6  | 57  | 30 | 1 | 10 |
| 81400310270 | 3221910841676 | 2.7  | 2.7  | 61  | 33 | 1 | 10 |
| 81400310280 | 3221910841690 | 2.8  | 2.8  | 61  | 33 | 1 | 10 |
| 81400310290 | 3221910841706 | 2.9  | 2.9  | 61  | 33 | 1 | 10 |
| 81400310300 | 3221910841713 | 3    | 3    | 61  | 33 | 1 | 10 |
| 81400310310 | 3221910841720 | 3.1  | 3.1  | 65  | 36 | 1 | 10 |
| 81400310320 | 3221910841737 | 3.2  | 3.2  | 65  | 36 | 1 | 10 |
| 81400310330 | 3221910841751 | 3.3  | 3.3  | 65  | 36 | 1 | 10 |
| 81400310340 | 3221910841768 | 3.4  | 3.4  | 70  | 39 | 1 | 10 |
| 81400310350 | 3221910841775 | 3.5  | 3.5  | 70  | 39 | 1 | 10 |
| 81400310360 | 3221910841782 | 3.6  | 3.6  | 70  | 39 | 1 | 10 |
| 81400310370 | 3221910841799 | 3.7  | 3.7  | 70  | 39 | 1 | 10 |
| 81400310380 | 3221910841812 | 3.8  | 3.8  | 75  | 43 | 1 | 10 |
| 81400310390 | 3221910841829 | 3.9  | 3.9  | 75  | 43 | 1 | 10 |
| 81400310400 | 3221910841836 | 4    | 4    | 75  | 43 | 1 | 10 |
| 81400310410 | 3221910841843 | 4.1  | 4.1  | 75  | 43 | 1 | 10 |
| 81400310420 | 3221910841850 | 4.2  | 4.2  | 75  | 43 | 1 | 10 |
| 81400310430 | 3221910841874 | 4.3  | 4.3  | 80  | 47 | 1 | 10 |
| 81400310440 | 3221910841881 | 4.4  | 4.4  | 80  | 47 | 1 | 10 |
| 81400310450 | 3221910841898 | 4.5  | 4.5  | 80  | 47 | 1 | 10 |
| 81400310460 | 3221910841904 | 4.6  | 4.6  | 80  | 47 | 1 | 10 |
| 81400310470 | 3221910841911 | 4.7  | 4.7  | 80  | 47 | 1 | 10 |
| 81400310480 | 3221910841935 | 4.8  | 4.8  | 86  | 52 | 1 | 10 |
| 81400310490 | 3221910841942 | 4.9  | 4.9  | 86  | 52 | 1 | 10 |
| 81400310500 | 3221910841959 | 5    | 5    | 86  | 52 | 1 | 10 |
| 81400310510 | 3221910841966 | 5.1  | 5.1  | 86  | 52 | 1 | 10 |
| 81400310520 | 3221910841973 | 5.2  | 5.2  | 86  | 52 | 1 | 10 |
| 81400310530 | 3221910841997 | 5.3  | 5.3  | 86  | 52 | 1 | 10 |
| 81400310540 | 3221910842000 | 5.4  | 5.4  | 93  | 57 | 1 | 10 |
| 81400310560 | 3221910842024 | 5.6  | 5.6  | 93  | 57 | 1 | 10 |
| 81400310570 | 3221910842031 | 5.7  | 5.7  | 93  | 57 | 1 | 10 |
| 81400310580 | 3221910842055 | 5.8  | 5.8  | 93  | 57 | 1 | 10 |
| 81400310590 | 3221910842062 | 5.9  | 5.9  | 93  | 57 | 1 | 10 |
| 81400310610 | 3221910842086 | 6.1  | 6.1  | 101 | 63 | 1 | 10 |
| 81400310620 | 3221910842093 | 6.2  | 6.2  | 101 | 63 | 1 | 10 |
| 81400310630 | 3221910842116 | 6.3  | 6.3  | 101 | 63 | 1 | 10 |
| 81400310640 | 3221910842123 | 6.4  | 6.4  | 101 | 63 | 1 | 10 |
| 81400310650 | 3221910842130 | 6.5  | 6.5  | 101 | 63 | 1 | 10 |
| 81400310660 | 3221910842147 | 6.6  | 6.6  | 101 | 63 | 1 | 10 |
| 81400310670 | 3221910842154 | 6.7  | 6.7  | 101 | 63 | 1 | 10 |
| 81400310680 | 3221910842178 | 6.8  | 6.8  | 109 | 69 | 1 | 10 |
| 81400310690 | 3221910842185 | 6.9  | 6.9  | 109 | 69 | 1 | 10 |
| 81400310700 | 3221910842192 | 7    | 7    | 109 | 69 | 1 | 10 |
| 81400310720 | 3221910842215 | 7.2  | 7.2  | 109 | 69 | 1 | 10 |
| 81400310750 | 3221910842253 | 7.5  | 7.5  | 109 | 69 | 1 | 10 |
| 81400310780 | 3221910842291 | 7.8  | 7.8  | 117 | 75 | 1 | 10 |
| 81400310820 | 3221910842338 | 8.2  | 8.2  | 117 | 75 | 1 | 5  |
| 81400310850 | 3221910842376 | 8.5  | 8.5  | 117 | 75 | 1 | 5  |
| 81400310880 | 3221910842413 | 8.8  | 8.8  | 125 | 81 | 1 | 5  |
| 81400310900 | 3221910842437 | 9    | 9    | 125 | 81 | 1 | 5  |
| 81400310950 | 3221910842499 | 9.5  | 9.5  | 125 | 81 | 1 | 5  |
| 81400310980 | 3221910842536 | 9.8  | 9.8  | 133 | 87 | 1 | 5  |
| 81400311000 | 3221910842550 | 10   | 10   | 133 | 87 | 1 | 5  |
| 81400311020 | 3221910842574 | 10.2 | 10.2 | 133 | 87 | 1 | 5  |
| 81400311050 | 3221910842611 | 10.5 | 10.5 | 133 | 87 | 1 | 5  |

Aplicación: Taladrados de profundidad media < 3xd en aceros blandos hasta 500N/mm<sup>2</sup>

|             |               |      |      |     |     |   |   |
|-------------|---------------|------|------|-----|-----|---|---|
| 81400311100 | 3221910842673 | 11   | 11   | 142 | 94  | 1 | 5 |
| 81400311150 | 3221910842734 | 11.5 | 11.5 | 142 | 94  | 1 | 5 |
| 81400311200 | 3221910842796 | 12   | 12   | 151 | 101 | 1 | 5 |
| 81400311250 | 3221910842857 | 12.5 | 12.5 | 151 | 101 | 1 | 5 |
| 81400311300 | 3221910842918 | 13   | 13   | 151 | 101 | 1 | 5 |