

Aplicación: aceros muy duros hasta 1200 N/mm<sup>2</sup>, aceros inoxidable y fundiciones



- **Uso polivalente**
- **Mecanizado de alta velocidad**
- **Máxima vida útil**
- **Made in France**

- **Metal duro integral + PVD**
- **Rectificado de canales**
- **Refrigeración interna**
- **Recubrimiento PERTURA**
- **Tratamiento de arista**

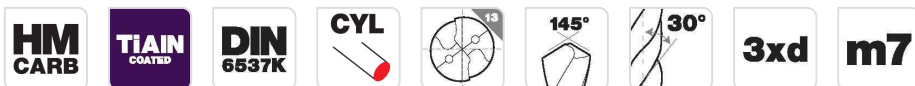
**Máquinas**



**Aplicaciones**



**Características**



**Propiedades y beneficios**

- + Metal duro integral + PVD : Cuerpo de la herramienta de carburo de tungsteno macizo (HM) con recubrimiento de PVD. ➡ Permite una mejor evacuación de las virutas. Prolonga la vida de la herramienta y optimiza las condiciones de corte.
- + Ruptura de ranura: añadir una ranura adicional. ➡ Protección de las puntas y de la faja guía para una óptima estabilidad dimensional y vida útil de la herramienta.
- + Lubricación interna: Riego central ➡ La herramienta dispone de canales internos para acercar al máximo el fluido lubricante a los filos de corte.
- + Recubrimiento PERTURA : Dureza 3200HV, coeficiente de rozamiento 0,25, resistente al calor (1100°C). ➡ Muy alta resistencia a la abrasión y a la oxidación. Multiaplicación.
- + Triboacabado: Redondeamiento de las aristas de corte. ➡ Protege el filo de corte para una máxima productividad.



| Codigo      | EAN           | Ø   | d2/CM | L  | l  | lu | QTY | PCB |
|-------------|---------------|-----|-------|----|----|----|-----|-----|
| 82432010300 | 3221912304124 | 3   | 6     | 62 | 20 |    | 1   | 1   |
| 82432010310 | 3221912304131 | 3.1 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010320 | 3221912304148 | 3.2 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010330 | 3221912213099 | 3.3 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010340 | 3221912304155 | 3.4 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010350 | 3221912304162 | 3.5 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010360 | 3221912304179 | 3.6 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010370 | 3221912304186 | 3.7 | 6     | 62 | 20 |    | 1   | 1   |
| 82432010380 | 3221912304193 | 3.8 | 6     | 66 | 24 |    | 1   | 1   |
| 82432010390 | 3221912304209 | 3.9 | 6     | 66 | 24 |    | 1   | 1   |
| 82432010400 | 3221912304216 | 4   | 6     | 66 | 24 |    | 1   | 1   |
| 82432010410 | 3221912304230 | 4.1 | 6     | 66 | 24 |    | 1   | 1   |
| 82432010420 | 3221912304247 | 4.2 | 6     | 66 | 24 |    | 1   | 1   |
| 82432010430 | 3221912304254 | 4.3 | 6     | 66 | 24 |    | 1   | 1   |

Aplicación: aceros muy duros hasta 1200 N/mm2, aceros inoxidables y fundiciones

|             |               |       |    |     |    |   |   |
|-------------|---------------|-------|----|-----|----|---|---|
| 82432010440 | 3221912304261 | 4.4   | 6  | 66  | 24 | 1 | 1 |
| 82432010450 | 3221912304278 | 4.5   | 6  | 66  | 24 | 1 | 1 |
| 82432010460 | 3221912213105 | 4.6   | 6  | 66  | 24 | 1 | 1 |
| 82432010465 | 3221912304285 | 4.65  | 6  | 66  | 24 | 1 | 1 |
| 82432010470 | 3221912304292 | 4.7   | 6  | 66  | 24 | 1 | 1 |
| 82432010480 | 3221912304308 | 4.8   | 6  | 66  | 28 | 1 | 1 |
| 82432010490 | 3221912304315 | 4.9   | 6  | 66  | 28 | 1 | 1 |
| 82432010500 | 3221912304322 | 5     | 6  | 66  | 28 | 1 | 1 |
| 82432010510 | 3221912304339 | 5.1   | 6  | 66  | 28 | 1 | 1 |
| 82432010520 | 3221912304346 | 5.2   | 6  | 66  | 28 | 1 | 1 |
| 82432010530 | 3221912304353 | 5.3   | 6  | 66  | 28 | 1 | 1 |
| 82432010540 | 3221912304360 | 5.4   | 6  | 66  | 28 | 1 | 1 |
| 82432010550 | 3221912304377 | 5.5   | 6  | 66  | 28 | 1 | 1 |
| 82432010555 | 3221912304384 | 5.55  | 6  | 66  | 28 | 1 | 1 |
| 82432010560 | 3221912304391 | 5.6   | 6  | 66  | 28 | 1 | 1 |
| 82432010570 | 3221912304407 | 5.7   | 6  | 66  | 28 | 1 | 1 |
| 82432010580 | 3221912304414 | 5.8   | 6  | 66  | 28 | 1 | 1 |
| 82432010590 | 3221912304421 | 5.9   | 6  | 66  | 28 | 1 | 1 |
| 82432010600 | 3221912304438 | 6     | 6  | 66  | 28 | 1 | 1 |
| 82432010610 | 3221912304445 | 6.1   | 8  | 79  | 34 | 1 | 1 |
| 82432010620 | 3221912112620 | 6.2   | 8  | 79  | 34 | 1 | 1 |
| 82432010630 | 3221912304452 | 6.3   | 8  | 79  | 34 | 1 | 1 |
| 82432010640 | 3221912304469 | 6.4   | 8  | 79  | 34 | 1 | 1 |
| 82432010650 | 3221912304476 | 6.5   | 8  | 79  | 34 | 1 | 1 |
| 82432010660 | 3221912304483 | 6.6   | 8  | 79  | 34 | 1 | 1 |
| 82432010670 | 3221912304490 | 6.7   | 8  | 79  | 34 | 1 | 1 |
| 82432010675 | 3221912304506 | 6.75  | 8  | 79  | 34 | 1 | 1 |
| 82432010680 | 3221912304513 | 6.8   | 8  | 79  | 34 | 1 | 1 |
| 82432010690 | 3221912304520 | 6.9   | 8  | 79  | 34 | 1 | 1 |
| 82432010700 | 3221912112637 | 7     | 8  | 79  | 34 | 1 | 1 |
| 82432010710 | 3221912304537 | 7.1   | 8  | 79  | 41 | 1 | 1 |
| 82432010720 | 3221912304544 | 7.2   | 8  | 79  | 41 | 1 | 1 |
| 82432010730 | 3221912304551 | 7.3   | 8  | 79  | 41 | 1 | 1 |
| 82432010740 | 3221912304568 | 7.4   | 8  | 79  | 41 | 1 | 1 |
| 82432010750 | 3221912304575 | 7.5   | 8  | 79  | 41 | 1 | 1 |
| 82432010755 | 3221912304582 | 7.55  | 8  | 79  | 41 | 1 | 1 |
| 82432010760 | 3221912304599 | 7.6   | 8  | 79  | 41 | 1 | 1 |
| 82432010770 | 3221912304605 | 7.7   | 8  | 79  | 41 | 1 | 1 |
| 82432010780 | 3221912304612 | 7.8   | 8  | 79  | 41 | 1 | 1 |
| 82432010790 | 3221912304629 | 7.9   | 8  | 79  | 41 | 1 | 1 |
| 82432010800 | 3221912304636 | 8     | 8  | 79  | 41 | 1 | 1 |
| 82432010810 | 3221912304643 | 8.1   | 10 | 89  | 47 | 1 | 1 |
| 82432010820 | 3221912304650 | 8.2   | 10 | 89  | 47 | 1 | 1 |
| 82432010830 | 3221912304667 | 8.3   | 10 | 89  | 47 | 1 | 1 |
| 82432010840 | 3221912304674 | 8.4   | 10 | 89  | 47 | 1 | 1 |
| 82432010850 | 3221912154422 | 8.5   | 10 | 89  | 47 | 1 | 1 |
| 82432010860 | 3221912304681 | 8.6   | 10 | 89  | 47 | 1 | 1 |
| 82432010870 | 3221912075093 | 8.7   | 10 | 89  | 47 | 1 | 1 |
| 82432010880 | 3221912304698 | 8.8   | 10 | 89  | 47 | 1 | 1 |
| 82432010890 | 3221912304704 | 8.9   | 10 | 89  | 47 | 1 | 1 |
| 82432010900 | 3221912304711 | 9     | 10 | 89  | 47 | 1 | 1 |
| 82432010910 | 3221912304728 | 9.1   | 10 | 89  | 47 | 1 | 1 |
| 82432010920 | 3221912304735 | 9.2   | 10 | 89  | 47 | 1 | 1 |
| 82432010930 | 3221912304742 | 9.3   | 10 | 89  | 47 | 1 | 1 |
| 82432010940 | 3221912304759 | 9.4   | 10 | 89  | 47 | 1 | 1 |
| 82432010950 | 3221912304766 | 9.5   | 10 | 89  | 47 | 1 | 1 |
| 82432010955 | 3221912304773 | 9.55  | 10 | 89  | 47 | 1 | 1 |
| 82432010960 | 3221912304780 | 9.6   | 10 | 89  | 47 | 1 | 1 |
| 82432010970 | 3221912304797 | 9.7   | 10 | 89  | 47 | 1 | 1 |
| 82432010980 | 3221912304803 | 9.8   | 10 | 89  | 47 | 1 | 1 |
| 82432010990 | 3221912304810 | 9.9   | 10 | 89  | 47 | 1 | 1 |
| 82432011000 | 3221912132659 | 10    | 12 | 102 | 55 | 1 | 1 |
| 82432011010 | 3221912304827 | 10.1  | 12 | 102 | 55 | 1 | 1 |
| 82432011020 | 3221912304834 | 10.2  | 12 | 102 | 55 | 1 | 1 |
| 82432011025 | 3221912304841 | 10.25 | 12 | 102 | 55 | 1 | 1 |

Aplicación: aceros muy duros hasta 1200 N/mm<sup>2</sup>, aceros inoxidables y fundiciones

|             |               |       |    |     |    |   |   |
|-------------|---------------|-------|----|-----|----|---|---|
| 82432011030 | 3221912304858 | 10.3  | 12 | 102 | 55 | 1 | 1 |
| 82432011040 | 3221912304865 | 10.4  | 12 | 102 | 55 | 1 | 1 |
| 82432011050 | 3221912075086 | 10.5  | 12 | 102 | 55 | 1 | 1 |
| 82432011060 | 3221912304872 | 10.6  | 12 | 102 | 55 | 1 | 1 |
| 82432011070 | 3221912304889 | 10.7  | 12 | 102 | 55 | 1 | 1 |
| 82432011080 | 3221912304896 | 10.8  | 12 | 102 | 55 | 1 | 1 |
| 82432011090 | 3221912304902 | 10.9  | 12 | 102 | 55 | 1 | 1 |
| 82432011100 | 3221912304919 | 11    | 12 | 102 | 55 | 1 | 1 |
| 82432011110 | 3221912304926 | 11.1  | 12 | 102 | 55 | 1 | 1 |
| 82432011120 | 3221912304933 | 11.2  | 12 | 102 | 55 | 1 | 1 |
| 82432011130 | 3221912304940 | 11.3  | 12 | 102 | 55 | 1 | 1 |
| 82432011140 | 3221912304957 | 11.4  | 12 | 102 | 55 | 1 | 1 |
| 82432011150 | 3221912304964 | 11.5  | 12 | 102 | 55 | 1 | 1 |
| 82432011160 | 3221912304971 | 11.6  | 12 | 102 | 55 | 1 | 1 |
| 82432011170 | 3221912304988 | 11.7  | 12 | 102 | 55 | 1 | 1 |
| 82432011180 | 3221912304995 | 11.8  | 12 | 102 | 55 | 1 | 1 |
| 82432011190 | 3221912305008 | 11.9  | 12 | 102 | 55 | 1 | 1 |
| 82432011200 | 3221912305015 | 12    | 12 | 102 | 55 | 1 | 1 |
| 82432011210 | 3221912305022 | 12.1  | 14 | 107 | 60 | 1 | 1 |
| 82432011220 | 3221912305039 | 12.2  | 14 | 107 | 60 | 1 | 1 |
| 82432011230 | 3221912305046 | 12.3  | 14 | 107 | 60 | 1 | 1 |
| 82432011240 | 3221912305053 | 12.4  | 14 | 107 | 60 | 1 | 1 |
| 82432011250 | 3221912305060 | 12.5  | 14 | 107 | 60 | 1 | 1 |
| 82432011260 | 3221912305077 | 12.6  | 14 | 107 | 60 | 1 | 1 |
| 82432011270 | 3221912305084 | 12.7  | 14 | 107 | 60 | 1 | 1 |
| 82432011280 | 3221912305091 | 12.8  | 14 | 107 | 60 | 1 | 1 |
| 82432011290 | 3221912305107 | 12.9  | 14 | 107 | 60 | 1 | 1 |
| 82432011300 | 3221912305114 | 13    | 14 | 107 | 60 | 1 | 1 |
| 82432011310 | 3221912305121 | 13.1  | 14 | 107 | 60 | 1 | 1 |
| 82432011320 | 3221912305138 | 13.2  | 14 | 107 | 60 | 1 | 1 |
| 82432011330 | 3221912305145 | 13.3  | 14 | 107 | 60 | 1 | 1 |
| 82432011340 | 3221912305152 | 13.4  | 14 | 107 | 60 | 1 | 1 |
| 82432011350 | 3221912305169 | 13.5  | 14 | 107 | 60 | 1 | 1 |
| 82432011360 | 3221912305176 | 13.6  | 14 | 107 | 60 | 1 | 1 |
| 82432011370 | 3221912305183 | 13.7  | 14 | 107 | 60 | 1 | 1 |
| 82432011380 | 3221912305190 | 13.8  | 14 | 107 | 60 | 1 | 1 |
| 82432011390 | 3221912305206 | 13.9  | 14 | 107 | 60 | 1 | 1 |
| 82432011400 | 3221912305213 | 14    | 14 | 107 | 60 | 1 | 1 |
| 82432011410 | 3221912305220 | 14.1  | 16 | 115 | 65 | 1 | 1 |
| 82432011420 | 3221912305237 | 14.2  | 16 | 115 | 65 | 1 | 1 |
| 82432011430 | 3221912305244 | 14.3  | 16 | 115 | 65 | 1 | 1 |
| 82432011440 | 3221912305251 | 14.4  | 16 | 115 | 65 | 1 | 1 |
| 82432011450 | 3221912305268 | 14.5  | 16 | 115 | 65 | 1 | 1 |
| 82432011460 | 3221912305275 | 14.6  | 16 | 115 | 65 | 1 | 1 |
| 82432011470 | 3221912305282 | 14.7  | 16 | 115 | 65 | 1 | 1 |
| 82432011480 | 3221912305299 | 14.8  | 16 | 115 | 65 | 1 | 1 |
| 82432011490 | 3221912305305 | 14.9  | 16 | 115 | 65 | 1 | 1 |
| 82432011500 | 3221912305312 | 15    | 16 | 115 | 65 | 1 | 1 |
| 82432011510 | 3221912305329 | 15.1  | 16 | 115 | 65 | 1 | 1 |
| 82432011520 | 3221912305336 | 15.2  | 16 | 115 | 65 | 1 | 1 |
| 82432011525 | 3221912305343 | 15.25 | 16 | 115 | 65 | 1 | 1 |
| 82432011530 | 3221912305350 | 15.3  | 16 | 115 | 65 | 1 | 1 |
| 82432011540 | 3221912305367 | 15.4  | 16 | 115 | 65 | 1 | 1 |
| 82432011550 | 3221912305374 | 15.5  | 16 | 115 | 65 | 1 | 1 |
| 82432011560 | 3221912305381 | 15.6  | 16 | 115 | 65 | 1 | 1 |
| 82432011570 | 3221912305398 | 15.7  | 16 | 115 | 65 | 1 | 1 |
| 82432011580 | 3221912305404 | 15.8  | 16 | 115 | 65 | 1 | 1 |
| 82432011590 | 3221912305411 | 15.9  | 16 | 115 | 65 | 1 | 1 |
| 82432011600 | 3221912305428 | 16    | 16 | 115 | 65 | 1 | 1 |