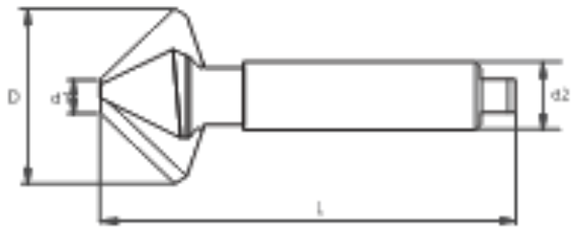
## GRANLUND COUNTERSINKS 90° Z3

DIN 335 C | HA

**ITEM: A6111**

| | |
|---|---|
| **Model** | 100T |
| **Material** | HSS |
| **Standard** | DIN 335C |
| **Countersinking angle** | 90° |
| **Surface treatment** | Bright |
| **CUT** | Right-hand |
| **Application** | 90° countersinking on all materials |

(*) Cylindrical shank with 3 facets




| < 500 | < 850 | < 1200 | < 600 | < 850 | Duplex | < 240 | < 300 | < 10% Si | > 10% Si | Brass Copper | Ti6Al4V | HTA | < 45 | < 60 | < 65 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ● | ● | ○ | ● | ○ | ○ | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | | |

COUNTERSINK DIN 335 C

| Tech. Code | | D mm | L mm | d1 mm | d2 mm |
|---|---|---|---|---|---|
| A611104,3 | | 4.3 | 44.0 | 1.5 | 6 |
| A611105 | | 5.0 | | | |
| A611106 | | 6.0 | | | |
| A611106,3 | | 6.3 | | | |
| A611106,5 | | 6.5 | 44.5 | | |
| A611107 | | 7.0 | 45.0 | | |
| A611107,3 | | 7.3 | | | |
| A611108,0 | | 8.0 | 45.5 | | |
| A611108,3 | | 8.3 | | | |
| A611108,6 | | 8.6 | | 2.0 | |
| A611109,4 | | 9.4 | 46.0 | | |
| A611110 | | 10.0 | | | |
| A611110,4 | | 10.4 | 46.5 | | |
| A611111,5 | | 11.5 | 47.5 | | |
| A611112 | | 12.0 | | | |
| A611112,4 | | 12.4 | 48.0 | | |
| A611113,4 | | 13.4 | 48.5 | | |
| A611115 | | 15.0 | 54.0 | 3.0 | 10 (*) |

| Tech. Code | | D mm | L mm | d1 mm | d2 mm |
|---|---|---|---|---|---|
| A611116 | | 16.0 | 55.0 | 3.0 | 10 (*) |
| A611116,4 | | 16.4 | | | |
| A611116,5 | | 16.5 | | | |
| A611118 | | 18.0 | 56.5 | | |
| A611119 | | 19.0 | 57.0 | | |
| A611120 | | 20.0 | | 4.0 | |
| A611120,5 | | 20.5 | 57.5 | | |
| A611122 | | 22.0 | 58.5 | | |
| A611123 | | 23.0 | 59.0 | | |
| A611125 | | 25.0 | 60.5 | | |
| A611126 | | 26.0 | 61.0 | | |
| A611128 | | 28.0 | 62.5 | | |
| A611130 | | 30.0 | 64.0 | | |
| A611131 | | 31.0 | 64.5 | | |
| A611134 | | 34.0 | 74.0 | 8.0 | 16 |
| A611135 | | 35.0 | 75.0 | | |
| A611137 | | 37.0 | 76.0 | | |
| A611140 | | 40.0 | 77.0 | | |

## KERFOLG COUNTERSINKS 90° Z3

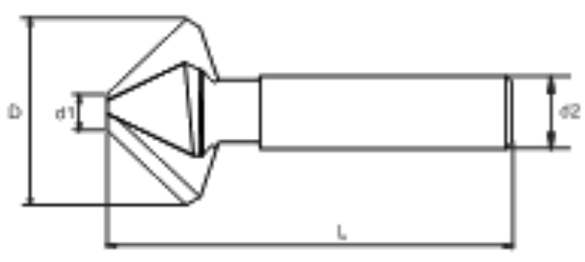
Spot

NdF | HM | HA

**ITEM: A6112**

| | |
|---|---|
| **Material** | Micro-grain carbide |
| **Standard** | Factory Standard |
| **Countersinking angle** | 90° |
| **CUT** | Right-hand |
| **Surface treatment** | Bright |
| **Application** | 90° countersinking on all materials |

UNI




| < 500 | < 850 | < 1200 | < 600 | < 850 | Duplex | < 240 | < 300 | < 10% Si | > 10% Si | Brass Copper | Ti6Al4V | HTA | < 45 | < 60 | < 65 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ● | ● | ○ | ● | ● | ○ | ● | ● | ● | ○ | ○ | ○ | | ● | ○ | |

COUNTERSINK FACTORY STANDARD

| Tech. Code | | D mm | L mm | d1 mm | d2 mm |
|---|---|---|---|---|---|
| A61126,3906 | | 6.3 | 51 | 1.5 | 6 |
| A61128,3906 | | 8.3 | 52 | 2 | |
| A611210,4906 | | 10.4 | 53 | 2.5 | |
| A611212,4906 | | 12.4 | 55 | 2.9 | |
| A611212,4908 | | | | | 8 |
| A611216,5906 | | 16.5 | 58 | 3.2 | 6 |
| A611216,5908 | | | | | 8 |

| Tech. Code | | D mm | L mm | d1 mm | d2 mm |
|---|---|---|---|---|---|
| A611216,59010 | | 16.5 | 58 | 3.2 | 10 |
| A611220,5906 | | 20.5 | 61 | 3.5 | 6 |
| A611220,5908 | | | | | 8 |
| A611220,59010 | | | | | 10 |
| A611225,59010 | | 25.5 | 64 | 3.8 | |
| A611231,59010 | | 31.5 | 68 | 4.2 | |



Indivisible package | Suggested retail package - Unit price