

Garant**Centre drill set HSS-E No. 111050 in a case, uncoated, Number of drills: 10****Order data**

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|--------------|---------------|
| Order number | 111055 10 |
| GTIN | 4045197797759 |
| Item class | 11A |

Description**Version:**

Composed of centre drills DIN 333.

Content:

Centre drill No. 111050, 1 pc. each in size 0.75; 1; 1.5; 1.6; 2; 2.5; 3; 3.15; 4; 5.

Technical description

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|---------------------------------|----------------------|
| Number of drills | 10 |
| Coating | uncoated |
| Tool material | HSS E |
| Standard | DIN 333 |
| Type | A |
| Tolerance nominal \varnothing | k12 |
| Countersink angle | 60 degrees |
| Shank | Parallel shank to h7 |

| | |
|-----------------|---------|
| Colour ring | without |
| Type of product | convex |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Alu plastics | suitable | 70 m/min | N |
| Aluminium (short chipping) | suitable | 45 m/min | N |
| Steel < 500 N/mm ² | suitable | 40 m/min | P |
| Steel < 750 N/mm ² | suitable | 30 m/min | P |
| Steel < 900 N/mm ² | suitable | 25 m/min | P |
| Steel < 1100 N/mm ² | suitable | 10 m/min | P |
| Steel < 1400 N/mm ² | suitable | 8 m/min | P |
| INOX < 900 N/mm ² | suitable | 12 m/min | M |
| INOX > 900 N/mm ² | suitable | 8 m/min | M |
| GG(G) | suitable only under restricted conditions | 25 m/min | K |
| CuZn | suitable | 80 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |

Accessories

| | |
|--|-------------|
| Centre drill HSS-EA Nominal Ø DC k12 4 mm | 111050 4 |
| Centre drill HSS-EA Nominal Ø DC k12 0,75 mm | 111050 0,75 |
| Centre drill HSS-EA Nominal Ø DC k12 1,5 mm | 111050 1,5 |
| Centre drill HSS-EA Nominal Ø DC k12 2 mm | 111050 2 |
| Centre drill HSS-EA Nominal Ø DC k12 2,5 mm | 111050 2,5 |
| Centre drill HSS-EA Nominal Ø DC k12 3 mm | 111050 3 |
| Centre drill HSS-EA Nominal Ø DC k12 1 mm | 111050 1 |

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|--|-------------|
| Centre drill HSS-EA Nominal Ø DC k12 1,6 mm | 111050 1,6 |
| Centre drill HSS-EA Nominal Ø DC k12 3,15 mm | 111050 3,15 |
| Centre drill HSS-EA Nominal Ø DC k12 5 mm | 111050 5 |