

Garant

GARANT Power Q Double high feed rate indexable milling cutter, with threaded shank, Ø D / number of effective cutting edges Z: 35/4mm


Order data

| | |
|--------------|---------------|
| Order number | 213004 35/4 |
| GTIN | 4062406266677 |
| Item class | 210 |

Description
Version:

Tool system with **extremely stable embedding for the inserts for working to high process reliability. Tool geometries to reduce the cutting forces** contribute significantly to **reducing the load on the headstock.**

Spare part:

Pack of insert screws No. 219799 7 (10IP; 2.8Nm).

Note:

Use GARANT torque screwdriver TQ No. **211750 size 2.8** with bit No. **674252 size 10IP**.
When working with extensions, always use internal cooling.

Technical description

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|--------------------------------------|--------------|
| Mounting thread M | M16 |
| Ramping angle α_{\max} | 1.52 degrees |
| Circular interpolation milling a_p | 1.2 mm |
| Ø D ₃ | 25 mm |
| Cutting edge Ø D _c | 35 mm |
| suitable indexable insert | XOMU094812 |
| Number of cutting edges Z | 4 |

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|---|---------------------|
| Circular interpolation milling $\varnothing D_{\max}$ | 68 mm |
| Through-coolant | yes |
| $\varnothing D_1$ h6 | 17 mm |
| Overall length L_{tot} | 47 mm |
| $\varnothing D_2$ | 29 mm |
| Ramping length L for α_{\max} | 22.55 mm |
| Series | Power Q |
| Circular interpolation milling $\varnothing D_{\min}$ | 60 mm |
| Shank type | with threaded shank |
| Milling application | Plunging |
| Milling application | Ramping |
| Milling application | Circular milling |
| Machining strategy | HPC |
| Tool exchange | PowerCard |
| Type of product | Copy mill |

Accessories

| | |
|---|-------------|
| PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 10IP | 674252 10IP |
| Torque screwdriver, fixed setting set torque 2,8 N·m | 211750 2,8 |
| Set of insert screws 10 pieces Type 7 | 219799 7 |