

Garant**GARANT Master Mute exchangeable cutting head for diamond burnishing,
Shank Ø / insert size: 20****Order data**

Order number	265377 20
GTIN	4069515036214
Item class	29E

Description**Version:**

Diamond burnishing tool for material classes P, M, K, N and S.

Function:

The pressure of the diamond burnishing tip produces a material flow from the near-surface material layer.

Application:

For surface machining up to $R_a = 0.3 \mu\text{m}$ on materials up to 65 HRC.

Cutting dataa:

Cutting speed v_c = value of finish machining (start value). Reduce the cutting speed step by step if vibrations occur. Feed rate $f = 70\%$ of the value of the finish machining (start value). Infeed $a_p = 0.1 \text{ mm}$ (start value) up to a maximum of 0.2 mm.

Supplied with:

Includes diamond burnishing tip and clamping screw.

Note:

A surface quality of at least $R_a = 1.6 \mu\text{m}$ is recommended by way of preparation.

Technical description

Data sheet

Minimum pre-drill $\varnothing D_{\min}$	24 mm
Centre offset L_3	12 mm
Series	Master Mute
Diamond burnishing tip	269016 1
Overall length L	21 mm
Clamping screw	269024 2
Shank $\varnothing D_s$	20 mm
Number of coolant channels	3
Through-coolant	yes
Type of product	Cutting head

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/265377-20>