



Superior Clamping and Gripping



Product Information

Cleaning Unit with Shank Interface RGG

RGG

Cleaning Unit with Shank Interface

Reliable. Productive. Cost-effective.

General accessories RGG

For cleaning of clamping devices and automation of machine tools. The cleaning unit can be used in any machine, which provides compressed air or coolant supply via the tool mounting.

Field of application

Every machine with conventional tool mountings and compressed air or coolant supply by the spindle

Advantages – Your benefits

Low-cost module for flexible automation in your machine

Fast, automatic cleaning for a maximum machine utilization

Increased safety for machine operator



Sizes
Quantity: 1



Weight
0.1 kg

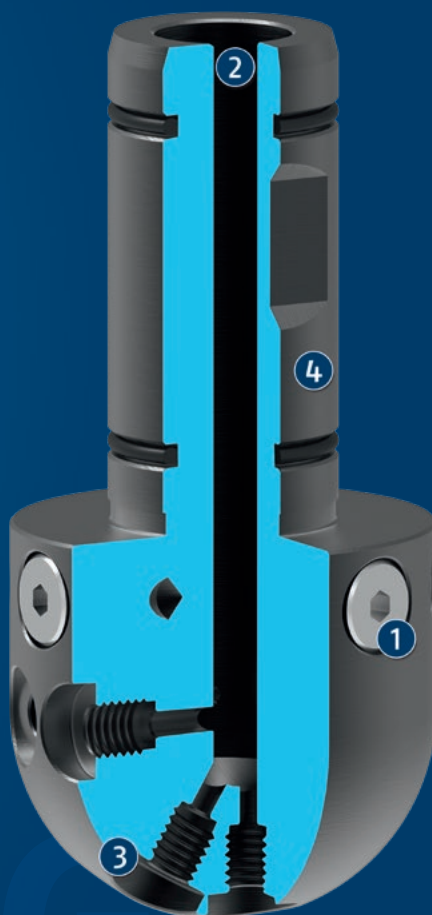
Functional description

The cleaning unit is operated hydraulically with machine coolant (filtered, max. particle size of 30 µm) or pneumatically with filtered compressed air in accordance with ISO 8573-1:2010 [7:4:4].

Cleanliness made simple – a total of six nozzles on the

ballhead blow out a powerful jet of air or coolant, which is forced from the toolholder taper into the shaft of the cleaning unit via a bore.

The head can also rotate with the machine tool spindle when it moves, reaching all corners of the working area.



① **Locking screws and restrictor inserts**
for changing the cleaning jet

② **Center bore**
for introduction of cleaning medium

③ **Outlet openings**
for producing cleaning jets

④ **Clamping diameter**
for mounting in any toolholding systems

General notes about the series

Spindle interface material: Aluminum alloy

Warranty: 24 months

Actuation: hydraulically with machine coolant (filtered, max. particle size of 30 µm) or pneumatically with filtered compressed air in accordance with ISO 8573-1:2010 [7:4:4].



Application example

Handling of pinions in a milling center

- ① Vacuum gripper GSW-V
- ② Magnetic gripper GSW-M
- ③ Gripper with shaft interface GSW-B and PGN-plus
- ④ Gripper with shaft interface GSW-B and PZN-plus
- ⑤ Cleaning unit RGG

SCHUNK offers more ...

The following components make the product even more productive – the suitable addition for the highest functionality, flexibility, reliability, and controlled production.



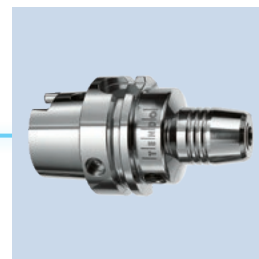
Gripper with shaft interface



Vacuum Gripper



Magnetic gripper



Toolholders



Stationary clamping technology

① For more information on these products can be found on the following product pages or at schunk.com.

Options and special information

Please note that applications under extreme conditions (e.g. coolant, casting or abrasive dust) will reduce the service life of this product considerably.

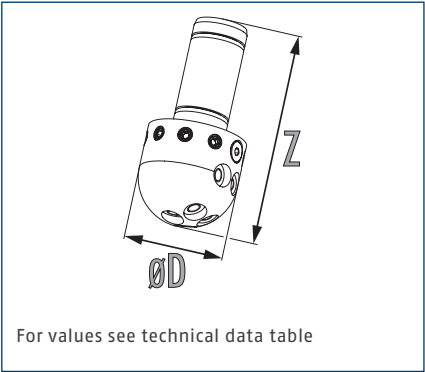
Please note that the product is not suitable for heat shrinking toolholders.

RGG 20

Cleaning Unit with Shank Interface



Dimensions

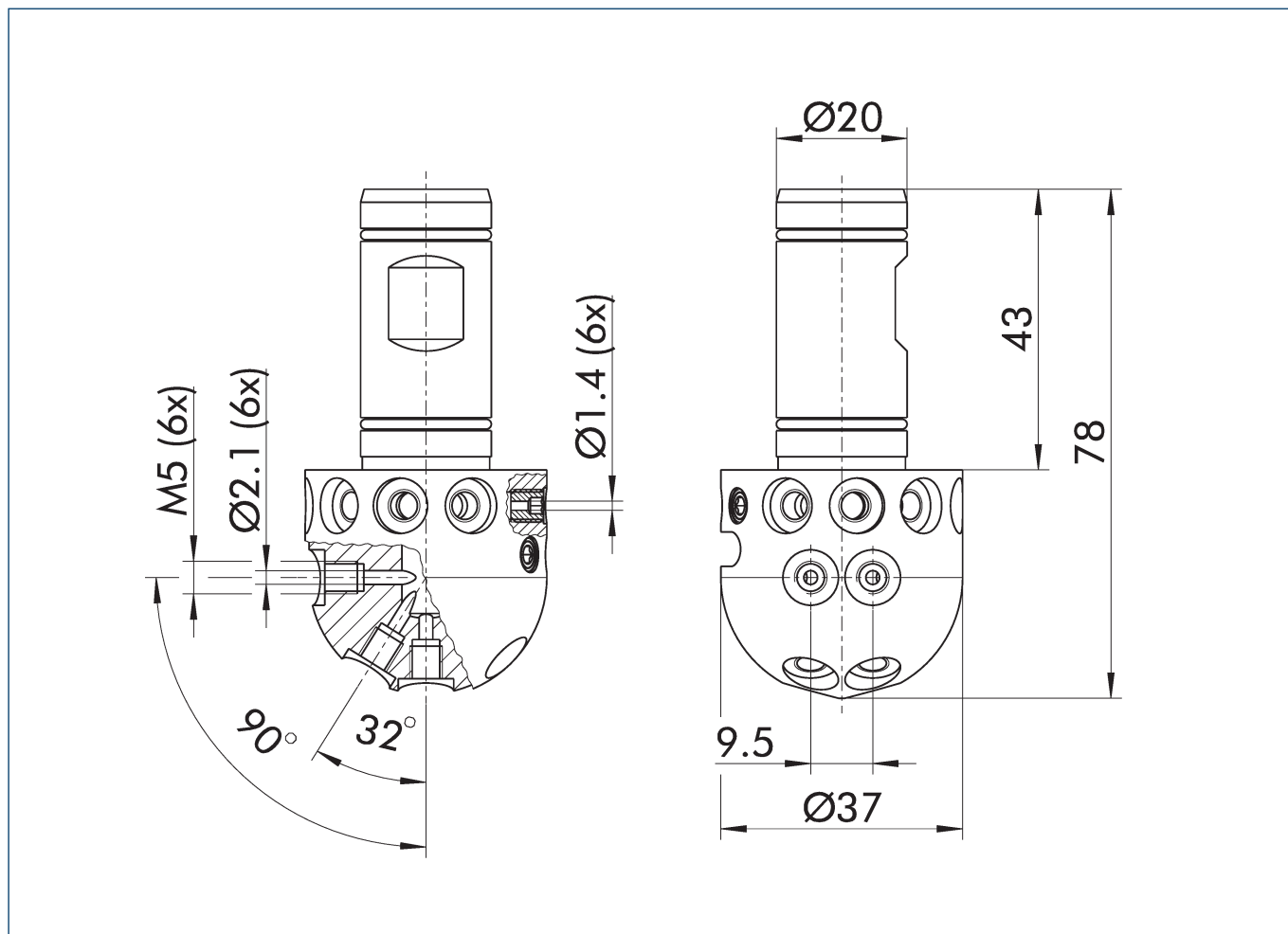


Technical data

Description		RGG 20
ID		0308590
Weight	[kg]	0.10
Min./max. ambient temperature	[°C]	-10/90
Max. permissible speed	[1/min]	100
Max. operating pressure	[bar]	80
Dimensions Ø D x Z	[mm]	37 x 78

ⓘ Please note that applications under extreme conditions (e.g. coolant, casting or abrasive dust) will reduce the service life of this product considerably.
Please note that the product is not suitable for heat shrinking toolholders.

Main view



For reducing the jet of the nozzles, the set-screws with nozzle bores can be used. Unused nozzles can be closed with the locking screws.

90 Set-screws with throttling port 91 Locking screws



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