



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

**Price-attractive module** for flexible automation in your machine

**Fast, automatic cleaning** for a maximum machine utilization

**Idle times** reduced on a minimum

**Increased safety** for machine operator



Sizes  
Quantity: 1



Weight  
0.1 kg

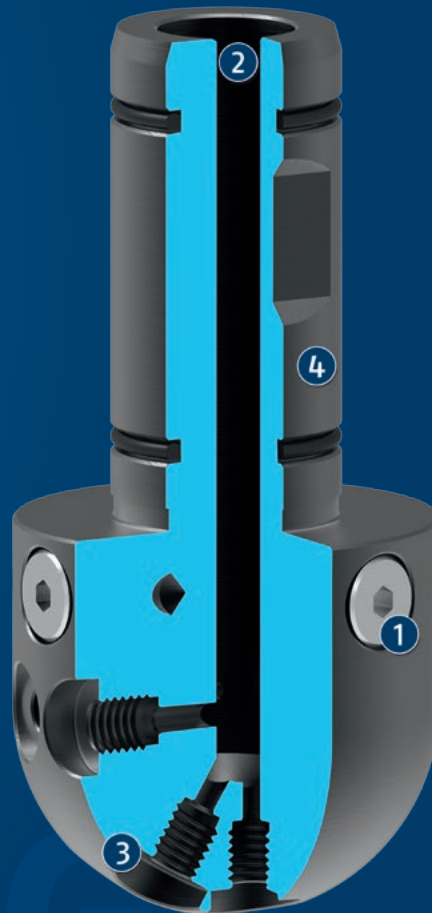
## Functional description

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, and can reach 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 system

# RGG

Cleaning unit with shank interface

## 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

- ❶ Vacuum gripper GSW-V
- ❷ Magnetic gripper GSW-M
- ❸ Gripper with GSW-B shank interface and PGN-plus
- ❹ Gripper with GSW-B shank interface and PZN-plus
- ❺ Cleaning unit RGG
- ❻ Wireless sensor System RSS

## SCHUNK offers more ...

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



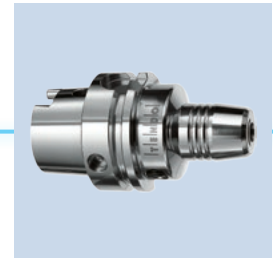
Gripper with shaft interface



Vacuum Gripper



Magnetic gripper



Toolholder



Stationary clamping technology

① For more information on these products can be found on the following product pages or at [schunk.com](http://schunk.com). Please contact us: SCHUNK technical hotline +49-7133-103-2696

## Options and special information

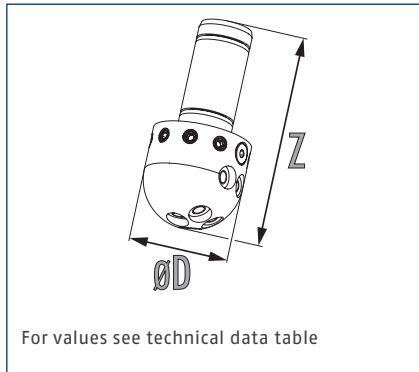
Please note that use under extreme conditions (e.g. with coolant, casting or abrasive dust) will considerably reduce the service life of this product.

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

# RGG 20

Cleaning unit with shank interface

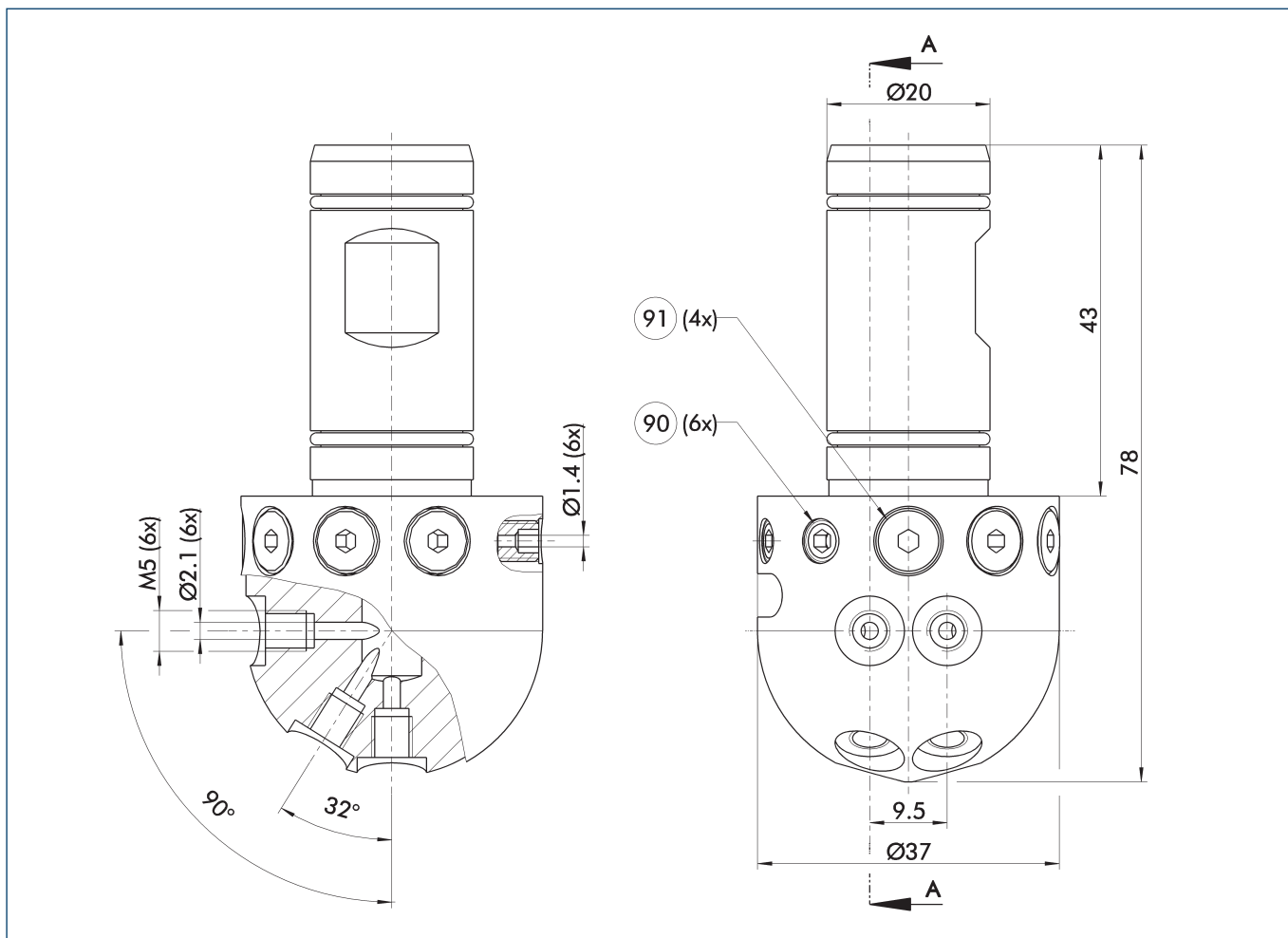
## Dimensions



## 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 $\varnothing D \times Z$	[mm]	37 x 78

**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

**SCHUNK GmbH & Co. KG**  
**Spann- und Greiftechnik**

Bahnhofstr. 106 - 134  
D-74348 Lauffen/Neckar  
Tel. +49-7133-103-2599  
Fax +49-7133-103-2239  
info@de.schunk.com  
schunk.com

Follow us



*J. Lehmann*

Jens Lehmann, German goalkeeper legend, SCHUNK brand ambassador since 2012 for safe, precise gripping and holding.  
[schunk.com/Lehmann](https://schunk.com/Lehmann)