

# Rotating nozzles up to 14,500 psi

The maximum pressure rotating nozzles enz golden jet® are specifically designed for up to 14,500 psi cleaning pressure. They are especially efficient for cleaning the hardest deposits such as heat exchangers pipes in chemical nuclear plants, as well as in general industrial applications.

**Applications**












- Cleaning of heat exchangers in chemical and nuclear plants and for general industrial pipe cleaning



## Rotating nozzles up to 14,500 psi












### 14,500 psi Rotating nozzles (RGS)











For  $\varnothing$  1.1"–2.0", equipped as radial rotating nozzle with 4 water jets (RGS) at an angle of 75° to the pipe wall.

			
	<b>05.0281N</b>	<b>05.0401</b>	<b>05.0501</b>
	1/4 NPT	1/2 NPT	1/2 NPT
	1.2 - 1.6	1.6 - 2.2	2.2 × 3
	8	10.5	10.5
	4 × M4	4 × M6	4 × M6
	1.1 × 2.2	1.6 × 4.2	2.0 × 4.8
	0.44	1.56	2.78
	14,500	14,500	14,500
	—	—	—

### 14,500 psi Rotating nozzles (HRH)

For  $\varnothing$  1.1"–2.0", equipped as semi-radial rotating nozzle with 4 water jets (HRH backwards) at an angle of approx. 45° to the back.

			
	<b>05.0282N</b>	<b>05.0402</b>	<b>05.0502</b>
	1/4 NPT	1/2 NPT	1/2 NPT
	1.2 - 1.6	1.6 - 2.2	2.2 - 3
	8	10.5	10.5
	4 × M4	4 × M6	4 × M6
	1.1 × 2.2	1.6 × 4.2	2.0 × 7.8
	0.44	1.56	2.78
	14,500	14,500	14,500
	—	—	—












	Connecting thread [inch]		Rotating nozzles		Maximum pressure [psi]
	Application range [inch]		Thrust jet		Recycling
	min. gpm at 1450 psi at the nozzle		Front jet		
	Measures [inch]		Weight [lb.]		

## Rotating nozzles up to 14,500 psi











### 14,500 psi Rotating nozzles (HRV)

For Ø 1.1"–2.0", equipped as semi-radial rotating nozzle with 4 water jets (HRV forwards acting) at an angle of approx. 45° to the front.

**Attention! Use only with a lance!**

			
	<b>05.0283N</b>	<b>05.0403</b>	<b>05.0503</b>
	1/4 NPT	1/2 NPT	1/2 NPT
	1.2 - 1.6	1.6 - 2.2	2.2 - 3
	8	10.5	10.5
	4 × M4	4 × M6	4 × M6
	ØxL 1.1 × 2.2	1.6 × 4.2	2.0 × 4.8
	0.44	1.56	2.78
	14,500	14,500	14,500
	—	—	—


























	Connecting thread [inch]		Rotating nozzles		Maximum pressure [psi]
	Application range [inch]		Thrust jet		Recycling
	min. gpm at 1450 psi at the nozzle		Front jet		
	Measures [inch]		Weight [lb.]		











## Rotating nozzles up to 14,500 psi

### 14,500 psi Rotating nozzles (KBR)

For Ø 0.5"–2.0", equipped as combination nozzle (KBR) with 2 water jets, semi-radial with an angle of approx. 45°, directed backward and 2 water jets radial acting at an angle of 90° to the pipe wall.

				
	<b>05.011N</b>	<b>05.012N</b>	<b>05.016N</b>	<b>05.016NB</b>
	1/16 NPT	1/8 NPT	1/8 NPT	1/4 NPT
	0.5 - 0.7	0.5 - 0.7	0.7 - 1.2	0.7 - 1.2
	12	12	12	12
	45°/ 2 × 0.90 mm 90°/ 2 × 0.85 mm	45°/ 2 × 0.90 mm 90°/ 2 × 0.85 mm	45°/ 2 × 1.00 mm 90°/ 2 × 0.90 mm	45°/ 2 × 1.00 mm 90°/ 2 × 0.90 mm
	Ø×L 0.4 × 1.2	0.5 × 1.2	0.6 × 1.6	0.6 × 1.6
	0.04	0.04	0.09	0.09
	14,500	14,500	14,500	14,500
	—	—	—	—

			
	<b>05.0284N</b>	<b>05.0404</b>	<b>05.0504</b>
	1/4 NPT	1/2 NPT	1/2 NPT
	1.2 - 1.6	1.6 - 2.2	2.2 - 3
	8	10.5	10.5
	4 × M4	4 × M6	4 × M6
	Ø×L 1.1 × 2.2	1.6 × 4.2	2.0 × 4.8
	0.44	1.56	2.78
	14,500	14,500	14,500
	—	—	—























































	Connecting thread [inch]		Rotating nozzles		Maximum pressure [psi]
	Application range [inch]		Thrust jet		Recycling
	min. gpm at 1450 psi at the nozzle		Front jet		
	Measures [inch]		Weight [lb.]		

## Rotating nozzles up to 14,500 psi











### 14,500 psi Rotating nozzles (KBRV)

For Ø 0.4"–2.0", equipped as combination nozzle (KBRV) with 2 water jets, semi-radial with an angle of approx. 45°, directed forwards and 2 water jets radial acting at an angle of 90° to the pipe wall.

**Attention! Use only with a lance!**

		
<b>05.011NV</b>	<b>05.012NV</b>	<b>05.016NV</b>
 1/16 NPT	 1/8 NPT	 1/8 NPT
 0.5 - 0.7	 0.5 - 0.7	 0.7 - 1.2
 12	 12	 12
 45°/ 2 × 0.90 mm 90°/ 2 × 0.85 mm	 45°/ 2 × 0.90 mm 90°/ 2 × 0.85 mm	 45°/ 2 × 1.00 mm 90°/ 2 × 0.90 mm
 Ø×L 0.4 × 1.2	 Ø×L 0.5 × 1.2	 Ø×L 0.6 × 1.6
 0.04	 0.04	 0.09
 14,500	 14,500	 14,500
 —	 —	 —
		
<b>05.0285N</b>	<b>05.0405</b>	<b>05.0505</b>
 1/4 NPT	 1/2 NPT	 1/2 NPT
 1.2 - 1.6	 1.6 - 2.2	 2.2 - 3
 8	 10.5	 10.5
 4 × M4	 4 × M6	 4 × M6
 Ø×L 1.1 × 2.2	 Ø×L 1.6 × 4.2	 Ø×L 2.0 × 4.8
 0.44	 1.56	 2.78
 14,500	 14,500	 14,500
 —	 —	 —

























	Connecting thread [inch]		Rotating nozzles		Maximum pressure [psi]
	Application range [inch]		Thrust jet		Recycling
	min. gpm at 1450 psi		Front jet		
	Measures [inch]		Weight [lb.]		











## Rotating nozzles up to 14,500 psi

### 14,500 psi Rotating nozzles

For Ø 0.8 –2.0, equipped with 2 water jets, semi-radial with an angle of approx. 10°, directed forwards.

**Attention! Use only with a lance!**

				
	<b>05.022SPEZ</b>	<b>05.028SPEZ</b>	<b>05.031SPEZ</b>	<b>05.033SPEZ</b>
	1/4	1/2	1/2	1/2
	0.9 - 1.4	1.1 - 1.6	1.2 - 1.7	1.3 - 1.9
	4	6	6	7
	2 x M4	2 x M4	2 x M4	2 x M4
	ØxL 0.8 x 2.2	1.0 x 2.5	1.1 x 2.8	1.2 x 2.9
	0.26	0.49	0.59	0.75
	14,500	14,500	14,500	14,500
	—	—	—	—
				
	<b>05.040SPEZ</b>	<b>05.050SPEZ</b>		
	1/2	1/2		
	1.6 - 2.1	2.1 - 3.0		
	7	7		
	2 x M4	2 x M4		
	ØxL 1.5 x 3.1	1.9 x 3.7		
	1.32	2.53		
	14,500	14,500		
	—	—		

	Connecting thread [inch]		Rotating nozzles		Maximum pressure [psi]
	Application range [inch]		Thrust jet		Recycling
	min. gpm at 1450 psi at the nozzle		Front jet		
	Measures [inch]		Weight [lb.]		