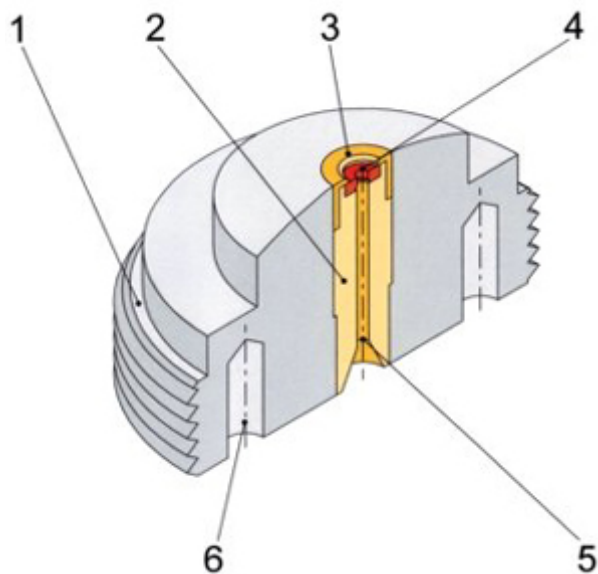


INT Nozzles



Nozzle and Thread cylinder:	Stainless steel
Integrated nozzle channel:	optimized for coherent water jet
Water pressure:	up to 30 bar
Standard parameter:	M30 x 1.5 or M32 x 1.5
Ruby ring jewel:	0.7 mm - 1.2 mm
Notice:	Nozzle is equipped with a seal ring or o-ring

Further diameters of ruby ring jewels to be enquired.

1. Nozzle body with outside thread
2. Nozzle insert
3. fastening bush for ring jewel
4. Ruby ring jewel
5. long flow-channel with special outlet
6. drilled holes for face spanner

Description of product

The OSKAR MOSER INT-nozzles were first installed in the German paper industry in the year 2004. Over 10.000 pieces of these nozzles have since been used worldwide. These nozzles combine the following advantages, for which protection of registered design is granted since 01.06.2005:

- Unreached coherent jet quality by means of a extended nozzle channel
- Most simple and secure installation e.g. de-installation
- The brush in the jet tube cannot damage the ruby ring jewel, as it is protected by the ring jewel – fastening bush and the fitting dome
- The ruby ring jewel is set surrounded in a metallic housing and not clued or pressed. This ring jewel is so built in loss-secure and also free of mechanic restraint. It cannot get lost while in operation or get damaged like glued or pressed jewels
- Ring jewel, ring jewel fastening bush and jet channel form the insert as building unit, which will be removed from the nozzle body, replaced and recycled by a new one at the OSKAR MOSER Company
- For this the OSKAR MOSER Company offers a unique cleaning service. The nozzles are being cleaned in several ultrasonic baths and each nozzle is being examined for possible wear and tear. If necessary, the insert will be replaced by a new one. The cleaned/refurbished nozzles return to the end customer with a routine check test report



Photograph: IBR Ravensburg



Photograph: IBR Ravensburg

Installation – Remove – Cleaning

Installation / Remove is executed by use of a very simple tool, the face spanner. The bore holes for retaining the face spanner can be protected efficiently against fouling by the use of vaseline. The plane at the bottom of the nozzle enables an easy and efficient cleaning of the spraying tube. Conditional on the construction the coherent nozzle channel is always flowed through. Unlike nozzles with simple ruby orifice – which constructional show the large excavation for setting the hexagon socket spanner in the middle, with the subsequence that the originally tight bundled water jet bows apart considerably due to turbulences – the INT nozzle can't get blocked up from the bottom caused of soiling.

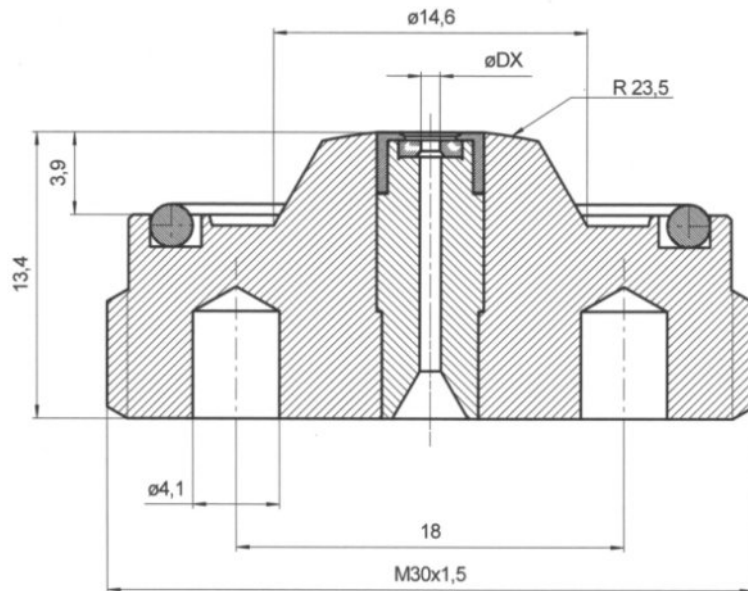


Photograph: JelMik, Wiefelstede



Photograph: JelMik, Wiefelstede

Integrated Waterjet Cleaning Nozzles - WR015 FOMAT



Part number	\varnothing [mm]	DX
Thread G 1/4"		
015.070.00.3100	0.70	
015.080.00.3100	0.80	
015.090.00.3100	0.90	
015.100.00.3100	1.00	

