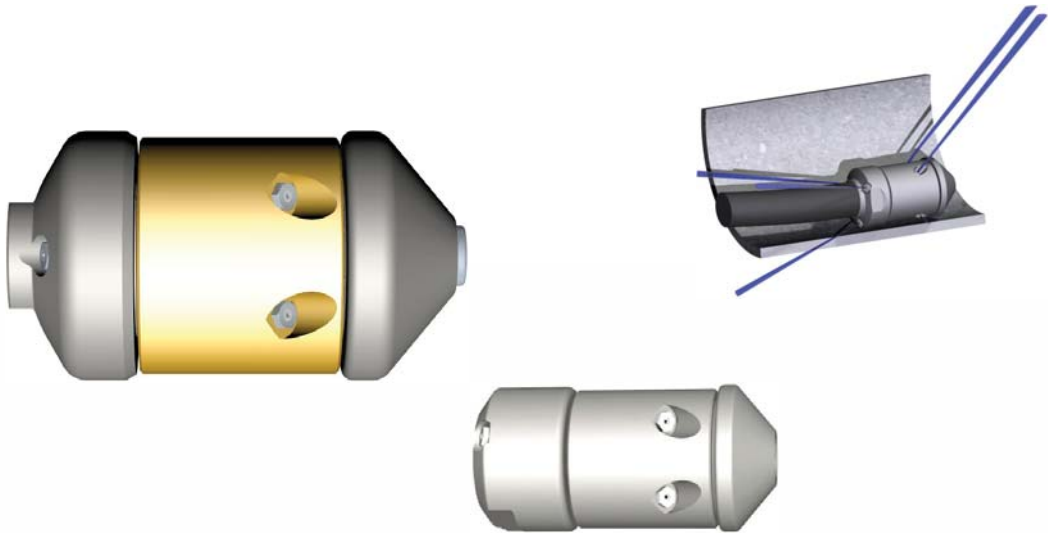


## HRV Semi-radial forward rotating nozzles

enz golden jet® semi-radial nozzle is equipped with four 45° angle forward jets (A front jet is available upon request). As a result, this nozzle must either be equipped with extra thrust jets or be mounted on a lance. The forward jets disintegrate most any residue and flush the debris ahead of the nozzle.















### Applications

- Core-flushing of the steel pipes during hydraulic thrust-boring
- Cleaning of residential lateral pipes from inside the house out to the mainline
- Removal of ice in manholes
















## HRV Semi-radial forward rotating nozzles











### HRV Semi-radial forward rotating nozzles 1/4" - 3/4"

				
	<b>03.028N</b>	<b>03.040</b>	<b>03.050A</b>	<b>03.050B</b>
	1/4 NPT	1/2	1/2	3/4
	1.5 - 4	2.5 - 6	4 - 8	4 - 8
	8	13	18	18
	4 × M4	4 × M6	4 × M6	4 × M6
	3 × M4	3 × M6	3 × M6	3 × M6
	*	*	*	*
	1.1 × 2.2	1.6 × 3.1	2.0 × 3.9	2.0 × 3.9
	0.45	1.25	2.45	2.45
	5,075	5,075	5,075	3,625
	—	—	—	—

### HRV Semi-radial forward rotating nozzles 1" - 1 1/4"

			
	<b>03.060</b>	<b>03.100A</b>	<b>03.100B</b>
	1	1	1 1/4
	4 - 12	8 - 24	8 - 24
	26	53	53
	4 × M8	4 × M10	4 × M10
	3 × M8	3 × M10	3 × M10
	*	*	*
	2.4 × 4.4	4 × 7.1	4 × 7.1
	3.55	16.45	16.45
	3,625	3,625	3,625
	—	—	—



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