

Whirl Jet Nozzles 2500 bar

WSD – R

Operating pressure: max. 2500 bar

To use for: Pipe cleaning

Description:

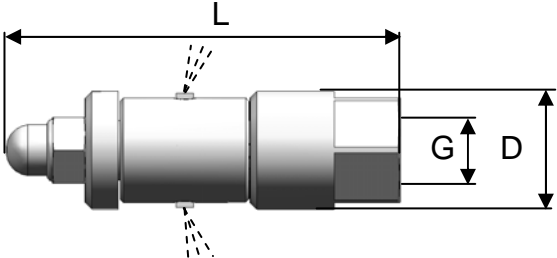
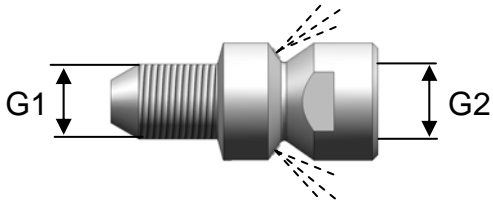
The whirl jet nozzle "WSD – R" (radial water jet) is a rotating nozzle and is specially designed for the cleaning of inner walls of tubes. This nozzle guarantees an excellent cleaning rate. The different nozzle sizes allow an optimum adaptation to varying tube diameters.

Function:

By utilizing the reaction force of the high-pressure jet a nozzle carrier rotates on the longitudinal axis of a carrier shaft at several thousand rpm. The rotating radial jets will effectively clean inner walls of tubes from deposits or contamination.

Special characteristics:

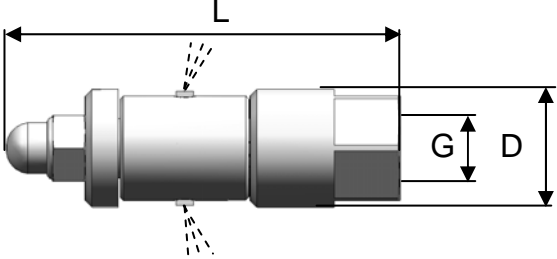
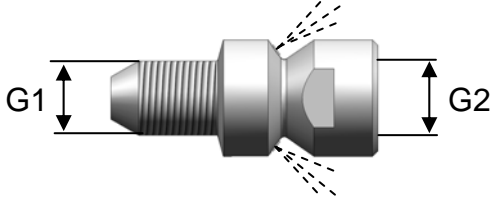
The WSD-R nozzle may be used with both – rigid lances **and** hoses without requirement of a forward feed component.

Whirl jet nozzle Radial water jets						Forward feed component			
									
Type	Part-No.	Ø D mm	L mm	Thread G	Nozzle Ø mm	Type	Part-No.	Thread G1 – G2	Nozzle Ø mm
R 15	341.0781	15	58	i 3/8-24UNF-LH	2x 0,2	VSE 15	341.0793 341.0665 341.0794	a 3/8-24UNF-LH – i 3/8-24UNF-LH	2x 0,5
	341.0627				2x 0,3				2x 0,6
	341.0628				2x 0,4				2x 0,7
	341.0629				2x 0,5				2x 0,8
	341.0630				2x 0,6				
	341.0782				2x 0,7				
	341.0783				2x 0,8				
R 18	341.0784	18	58	i 3/8-24UNF-LH	2x 0,2	VSE 18	341.0795 341.0666 341.0796	a 3/8-24UNF-LH – i 3/8-24UNF-LH	2x 0,5
	341.0631				2x 0,3				2x 0,6
	341.0632				2x 0,4				2x 0,7
	341.0633				2x 0,5				2x 0,8
	341.0634				2x 0,6				
	341.0785				2x 0,7				
	341.0786				2x 0,8				

Thread M as per DIN 13 / ISO 261 ; Thread G as per DIN EN ISO 228-1

Special characteristics:

The WSD-R nozzle may be used with both – rigid lances **and** hoses without requirement of a forward feed component.

Whirl jet nozzle Radial water jets						Forward feed component			
									
Type	Part-No.	Ø D mm	L mm	Thread G	Nozzle Ø mm	Type	Part-No.	Thread G1 – G2	Nozzle Ø mm
R 22	341.0787	22	63	i 9/16-18UNF-LH	2x 0,2	VSE 22	341.0797 341.0667 341.0798	a 9/16-24UNF-LH – i 9/16-24UNF-LH	2x 0,5
	341.0635				2x 0,3				2x 0,6
	341.0636				2x 0,4				2x 0,7
	341.0655				2x 0,45				
	341.0637				2x 0,5				
	341.0638				2x 0,6				
	341.0788				2x 0,7				
	341.0789				2x 0,8				
R 28	341.0790	28	75	i 9/16-18UNF-LH	2x 0,2	VSE 28	341.0799 341.0668 341.0800	a 9/16-24UNF-LH – i 9/16-24UNF-LH	2x 0,5
	341.0639				2x 0,3				2x 0,6
	341.0640				2x 0,4				2x 0,7
	341.0641				2x 0,5				
	341.0642				2x 0,6				
	341.0791				2x 0,7				
	341.0792				2x 0,8				

Thread M as per DIN 13 / ISO 261 ; Thread G as per DIN EN ISO 228-1

Performance Chart

Whirl jet nozzle WSD – R-2500



Type	Part-No.	Nozzle ø mm	Operating pressure - bar -														
			1600	1700	1800	1900	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
			Flow rate - l/min -														
R 15	341.0781	2x 0,2	11	12	12	13	14	14	15	15	16	16	16	17	17	18	19
	341.0627	2x 0,3	12	13	13	14	15	15	16	16	17	17	17	18	18	19	20
	341.0628	2x 0,4	14	15	15	16	17	17	18	18	19	19	19	20	20	21	21
	341.0629	2x 0,5	17	18	18	19	19	20	20	20	21	21	22	22	23	23	23
	341.0630	2x 0,6	19	20	20	21	21	22	22	22	23	23	23	24	24	24	25
	341.0782	2x 0,7	22	23	23	24	24	25	25	25	26	26	26	27	27	27	28
	341.0783	2x 0,8	26	27	27	28	28	29	29	29	30	30	30	31	31	31	32
R 18	341.0784	2x 0,2	12	13	13	14	15	15	16	16	17	17	17	18	18	19	20
	341.0631	2x 0,3	13	14	14	15	16	16	17	17	18	18	18	19	19	20	21
	341.0632	2x 0,4	15	16	16	17	18	18	19	19	19	20	21	22	22	23	23
	341.0633	2x 0,5	18	19	19	20	21	21	22	22	23	23	24	25	25	26	26
	341.0634	2x 0,6	22	23	24	25	26	27	28	28	29	29	30	30	31	31	32
	341.0785	2x 0,7	28	29	31	32	33	34	35	36	37	37	38	38	39	39	40
	341.0786	2x 0,8	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
R22	341.0787	2x 0,2	13	13	14	15	15	16	17	17	18	18	18	19	19	20	20
	341.0635	2x 0,3	14	14	15	16	16	17	18	18	19	19	20	20	20	21	21
	341.0636	2x 0,4	15	16	17	18	18	19	19	20	20	21	22	22	23	23	24
	341.0655	2x 0,45	16	17	18	19	20	20	21	22	22	22	23	24	24	25	26
	341.0637	2x 0,5	19	20	21	22	23	23	24	25	25	25	26	27	27	28	29
	341.0638	2x 0,6	23	24	25	26	27	28	29	29	30	30	31	31	32	32	33
	341.0788	2x 0,7	31	32	33	34	35	36	37	38	39	40	41	41	42	42	43
341.0789	2x 0,8	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
R 28	341.0790	2x 0,2	14	14	15	16	16	17	18	18	19	19	20	20	20	21	21
	341.0639	2x 0,3	15	15	16	17	17	18	19	19	20	20	21	21	21	22	23
	341.0640	2x 0,4	17	17	18	19	19	21	22	22	23	23	24	24	25	25	26
	341.0641	2x 0,5	20	21	22	23	24	25	26	26	27	27	28	28	29	29	30
	341.0642	2x 0,6	24	25	26	27	28	29	30	30	31	31	32	32	33	33	34
	341.0791	2x 0,7	33	34	35	36	37	38	39	40	41	42	43	43	44	44	45
	341.0792	2x 0,8	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

Forward feed component VSE-2500



Type	Part-No.	Nozzle ø mm	Operating pressure - bar -														
			1600	1700	1800	1900	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
			Flow rate - l/min -														
VSE 15	341.0793	2x 0,5	12	13	13	14	14	14	14	15	15	15	15	15	15	16	
	341.0665	2x 0,6	18	19	19	20	20	21	21	21	21	22	22	22	23	23	
	341.0794	2x 0,7	24	25	26	27	27	28	28	28	29	29	29	30	30	31	
VSE 18	341.0795	2x 0,5	12	13	13	14	14	14	14	15	15	15	15	15	15	16	
	341.0666	2x 0,6	18	19	19	20	20	21	21	21	21	22	22	22	23	23	
	341.0796	2x 0,7	24	25	26	27	27	28	28	28	29	29	29	30	30	31	
VSE 22	341.0797	2x 0,5	12	13	13	14	14	14	14	15	15	15	15	15	15	16	
	341.0667	2x 0,6	18	19	19	20	20	21	21	21	21	22	22	22	23	23	
	341.0798	2x 0,7	24	25	26	27	27	28	28	28	29	29	29	30	30	31	
VSE 28	341.0799	2x 0,5	12	13	13	14	14	14	14	15	15	15	15	15	15	16	
	341.0668	2x 0,6	18	19	19	20	20	21	21	21	21	22	22	22	23	23	
	341.0800	2x 0,7	24	25	26	27	27	28	28	28	29	29	29	30	30	31	