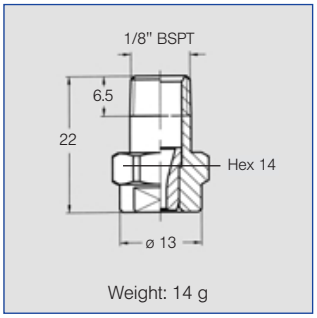
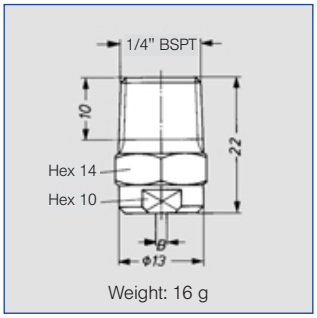
Solid stream nozzles

Series 544

Long, closed jet with punctiform impact pattern. Optimized flow conditions. Highest jet power. Concentrated solid stream jet.
Applications:
Cleaning installations.



Weight: 14 g



Weight: 16 g

Ordering no. Type	Mat.-no. 16 1.4305/303 SS	Mat.-no. 30 Brass	Code 1/8" BSPT	Code 1/4" BSPT	B Ø [mm]	V̇ [l/min] p [bar] 0,5	1,0	2,0	[US gal./min] at 40 psi	3,0	5,0	10,0	15,0	20,0	30,0
544. 110	○	○	**CA**	**CC**	0,23	0,02	0,03	0,04	0,01	0,05	0,06	0,09	0,11	0,13	0,15
544. 160	○	-	**CA**	**CC**	0,33	0,03	0,04	0,06	0,02	0,07	0,09	0,13	0,16	0,19	0,23
544. 200	○	○	**CA**	**CC**	0,39	0,05	0,07	0,10	0,03	0,12	0,16	0,22	0,27	0,32	0,39
544. 240	○	-	**CA**	**CC**	0,50	0,08	0,11	0,16	0,05	0,20	0,25	0,36	0,44	0,51	0,62
544. 280	○	-	**CA**	**CC**	0,63	0,13	0,18	0,25	0,08	0,31	0,40	0,56	0,68	0,79	0,97
544. 320	○	○	**CA**	**CC**	0,80	0,20	0,28	0,40	0,12	0,49	0,63	0,89	1,10	1,26	1,55
544. 360	○	○	**CA**	**CC**	1,05	0,32	0,45	0,63	0,20	0,77	1,00	1,41	1,73	1,99	2,44
544. 400	○	○	**CA**	**CC**	1,30	0,50	0,71	1,00	0,31	1,22	1,58	2,24	2,74	3,16	3,87
544. 480	○	○	**CA**	**CC**	1,32	0,80	1,13	1,60	0,50	1,96	2,53	3,58	4,38	5,06	6,20
544. 560	○	○	**CA**	**CC**	1,65	1,25	1,77	2,50	0,78	3,06	3,95	5,59	6,85	7,91	9,68
544. 640	○	○	**CA**	**CC**	2,09	2,00	2,83	4,00	1,24	4,90	6,32	8,94	10,95	12,65	15,49
544. 720	○	○	**CA**	**CC**	2,63	3,15	4,45	6,30	1,95	7,72	9,96	14,09	17,25	19,92	24,40
544. 800	○	○	**CA**	**CC**	3,30	5,00	7,07	10,00	3,10	12,25	15,81	22,36	27,39	31,62	38,73

B = bore diameter
Can also be used for air or steam (see page 6.9).

Example for ordering:	Type	+	Material no.	+	Code	=	Ordering no.
	544. 110	+	**16**	+	**CC**	=	**544. 110. 16. CC**

The folded page at the end of the catalogue will give you a survey on the various assembly possibilities.
For complete assembly accessories, please refer to „Accessories“.

Conversion formula for the above series: $\dot{V}_2 = \dot{V}_1 * \sqrt{\frac{p_2}{p_1}}$