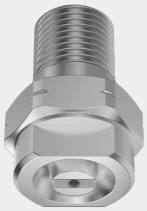
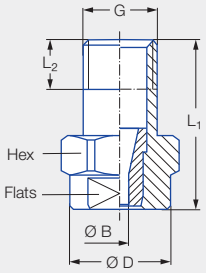
Low pressure solid stream nozzles
Series 544

Properties:
- Concentrated solid stream jet
- High impact

Applications:
- Cleaning and washing processes
- Injection
- Targeted cooling
- Pasteurization



Series 544



Code	G	Dimensions [mm]					Weight [g] (Brass)
		L_1	L_2	Ø D	Hex	Flats	
CA	1/8 BSPT	22.0	6.5	13.0	14	10	14.0
CC	1/4 BSPT	22.0	10.0	13.0	14	10	16.0

Ordering no.					Bore diameter B [mm]	V̇ water [l/min]								
Type	Mat. no.		Code			p [bar]								
	16	30												
	Stainless steel 303	Brass	1/8 BSPT	1/4 BSPT		0.5	1.0	2.0	3.0	**5.0**	10.0	15.0	20.0	30.0
544.110	●	●	**CA**	**CC**	0.23	0.02	0.03	0.04	0.05	**0.06**	0.08	0.10	0.12	0.15
544.160	●		**CA**	**CC**	0.33	0.03	0.04	0.06	0.07	**0.09**	0.13	0.16	0.18	0.22
544.200	●	●	**CA**	**CC**	0.39	0.05	0.07	0.10	0.12	**0.16**	0.23	0.28	0.32	0.39
544.240	●		**CA**	**CC**	0.50	0.08	0.11	0.16	0.19	**0.25**	0.35	0.43	0.50	0.61
544.280	●		**CA**	**CC**	0.63	0.13	0.18	0.25	0.31	**0.40**	0.57	0.69	0.80	0.98
544.320	●	●	**CA**	**CC**	0.80	0.20	0.28	0.40	0.49	**0.63**	0.89	1.09	1.26	1.54
544.360	●	●	**CA**	**CC**	1.05	0.32	0.45	0.63	0.77	**1.00**	1.41	1.73	2.00	2.45
544.400	●	●	**CA**	**CC**	1.30	0.50	0.71	1.00	1.22	**1.58**	2.23	2.74	3.16	3.87
544.480	●	●	**CA**	**CC**	1.33	0.80	1.13	1.60	1.96	**2.53**	3.58	4.38	5.06	6.20
544.560	●	●	**CA**	**CC**	1.65	1.25	1.77	2.50	3.06	**3.95**	5.59	6.84	7.90	9.68
544.640	●	●	**CA**	**CC**	2.09	2.00	2.83	4.00	4.90	**6.32**	8.94	10.95	12.64	15.48
544.720	●	●	**CA**	**CC**	2.66	3.15	4.45	6.30	7.71	**9.96**	14.09	17.25	19.92	24.40
544.800	●	●	**CA**	**CC**	3.30	5.00	7.07	10.00	12.25	**15.81**	22.36	27.38	31.62	38.73

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Ordering example:	Type 544.110	+	Material no. 16	+	Code CA	=	Ordering no. 544.110.16.CA

Assembly accessories can be found in Chapter 9 “Accessories”.