Carbonation and Aeration Stones

Sintered 316L stainless stones on tri-clamp shaft assemblies, for carbonation in tanks and inline aeration.

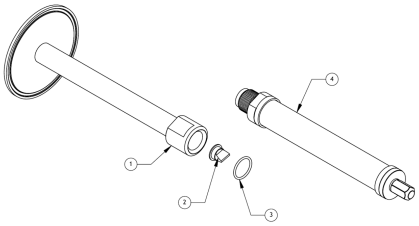


Specifications

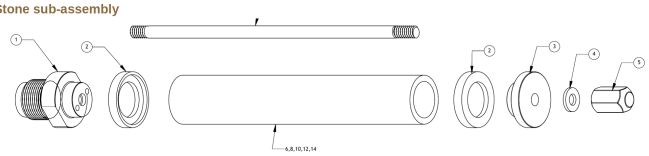
Stone	Sintered porous 316L stainless steel tube, media grade 2
Stone size	1.000 in. [25.4 mm] OD, 0.750 in. [19.1 mm] ID, 0.125 in. [3.2 mm] wall
Shaft assembly	304 stainless; 1.5 or 3.0 in. tri-clamp straight; 2.0 in. 90 degree (aeration)
Soft parts	Silicone duck bill check valve; Buna-N O-ring, dash 018; PTFE nut washer, M6 x 2 mm
Part number	0715.3040.70xx (stone assembly)
Spare parts	Rebuild kit ACC-CS-REBUILD_KIT; elastomer kit ACC-CS-ELASTOMER_KIT

Dimensions inches [millimetres]

Assembly



Stone sub-assembly



Assembly 1 shaft assembly, 2 check valve, 3 O-ring, 4 stone sub-assembly

Stone sub-assembly 1 stone hub, 2 stone holder (two), 3 heavy washer, 4 PTFE nut washer, 5 end nut; the sintered stone sits between the holders on the tie shaft

Stone length, in. [mm]	Replacement stone	Assembly, 1.5 in. tri-clamp shaft	Assembly, 3.0 in. tri-clamp shaft	Recommended tank
4 [101.6]	CS-19000-R0400	CS-19000-R0400-0150	CS-19000-R0400-0300	Under 10 bbl
6 [152.4]	CS-19000-R0600	CS-19000-R0600-0150	CS-19000-R0600-0300	Up to 10 bbl
8 [203.2]	CS-19000-R0800	CS-19000-R0800-0150	CS-19000-R0800-0300	Up to 15 bbl
10 [254.0]	CS-19000-R1000	CS-19000-R1000-0150	CS-19000-R1000-0300	Up to 20 bbl
12 [304.8]	CS-19000-R1200	CS-19000-R1200-0150	CS-19000-R1200-0300	Up to 25 bbl
14 [355.6]	CS-19000-R1400	CS-19000-R1400-0150	CS-19000-R1400-0300	Up to 30 bbl
16 [406.4]	CS-19000-R1600	CS-19000-R1600-0150	CS-19000-R1600-0300	Up to 35 bbl
18 [457.2]	CS-19000-R1800	CS-19000-R1800-0150	CS-19000-R1800-0300	Up to 40 bbl
20 [508.0]	CS-19000-R2000	CS-19000-R2000-0150	CS-19000-R2000-0300	Up to 45 bbl
24 [609.6]	CS-19000-R2400	CS-19000-R2400-0150	CS-19000-R2400-0300	50 to 60 bbl

Dimensions are nominal. Tank sizes are guidance. Inline aeration: 1 in. [25.4 mm] stone on a 1.5 in. tri-clamp short straight shaft (CS-19000-R0100-0150) or a 2.0 in. tri-clamp 90 degree shaft (CS-19000-R0100-0200/90).

Stones of every length use the same 316L tube and the same hub, holders and tie shaft.