Straub Open-Flex 1L Couplings

Applications:
• suitable for repairing or joining pipes where access to the pipe end is difficult or impossible

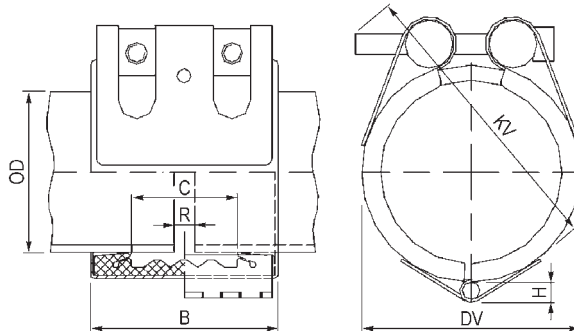**Features:**
• use to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation
• wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design
• joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
• requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening
• accommodates up to 5° of pipe misalignment
• vary gap between pipe ends
• absorbs vibration, water hammer, and sound
• acts as an expansion joint; will accept up to .25" of axial movement
• EPDM sealing sleeve temperature range: **- 4°F** to **176°F (-20°C** to **80°C)**
• 5 year limited warranty
• reusable

Materials:
• casing: AISI 316Ti; screws: AISI 4135 steel; bolts: AISI 12L 14 galvanized

Specifications:
• American Bureau of Shipping (ABS) up to **232** PSI
• Underwriter's Laboratories (UL)
• National Sanitation Foundation (NSF)
• conforms to ASTM 1476, Type 2, Class 3 specifications

Size	Pipe OD Range actual	Pipe OD Range min to max	Working Pressure PSI	B	C	H	DV	KV	Maximum Distance Between Pipe End R	316 Ti Stainless Steel Part #
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28"	2.8"	3.3"	.20"	STR35001
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28"	3.2"	3.7"	.20"	STR35151
2½"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36"	3.2"	3.7"	.20"	STR35201
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36"	4.4"	4.9"	.20"	STR35351
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36"	5.4"	5.9"	.20"	STR35651
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38"	6.4"	7.1"	.20"	STR35901
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38"	7.5"	8.1"	.20"	STR36051

⚠ **Note: Not pull-out resistant.** Ensure that pipes are properly anchored and supported.

Assembly Tool

Part #
STR6648