

APPLICATIONS

SS Repair clamps are designed to connect to an existing pipeline as a permanent repair solution or offtake connection.

SS Repair Clamps:

- Are suitable for water and sewer applications.
- Are Not suitable for joining pipes,
- Do Not provide any axial restraint



FEATURES

Clamp are designed to fit a range of pipe diameters

316 stainless steel components, fully passivated after fabrication, for maximum corrosion resistance

Full circle nitrile seal provides insulation against galvanic corrosion

Anti-galling coating applied to fasteners for ease of installation



TECHNICAL DATA

- Standard: AS 4181
- Size Range: DN 15 – DN 1200
- Pressure: PN16 unless noted otherwise
(Clamps up to 690 OD)
- Materials: 316 SS Band, offtakes and fasteners, NBR Seal (AS 1646, AS/NZS 4020)
- Temp Range: Max 60 deg C (Water)
- Offtakes: BSP Sockets, AS 4087 Flanges

SS REPAIR CLAMPS (1 PART) AS 4181 PN16

Nom Dia	OD Range	150 Long	200 Long	300 Long	400 Long	600 Long	Compatible Pressure Pipe Materials				
							PVC S2, DI, AC GRP	PVC S1, ABS S1, Gal	Copper	Steel MS, SS	Reinf Conc
50	45 - 51	SC040SI-15						40	50		
	59 - 67	SC050SI-15						50	65	50	
	69 - 76	SC065DWV-15						65	80	65	
80	85 - 95		SC080SI-20					80	90	80	
	95 - 104		SC080S2-20				80		100	90	
100	110 - 120		SC100SI-20					100		100	
	121 - 130		SC100S2-20	SC100S2-30	SC100S2-40	SC100S2-60	100		125		
150	151 - 161		SC100CU-20						150		
	174 - 183		SC150S2-20	SC150S2-30	SC150S2-40	SC150S2-60	150				
	189 - 199		SC150VC-20						200		150
200	218 - 228		SC200SI-20					200		200	
	229 - 238		SC200S2-20	SC200S2-30	SC200S2-40	SC200S2-60	200		225		
225	248 - 257			SC225SI-30					225		225
	255 - 265			SC225S2-30	SC225S2-40	SC225S2-60	225				
250	271 - 281			SC250SI-30					250		225
	281 - 290			SC250S2-30	SC250S2-40	SC250S2-60	250			250	
300	312 - 322			SC300SI-30					300		
	343 - 355				SC300S2-40	SC300S2-60	300				



SS REPAIR CLAMPS (2 PART) AS 4181 PN16						
Nom Dia	OD Range	400 Long	600 Long	Compatible Pressure Pipe Materials		
				PVC S2, DI, AC GRP	PVC S1, ABS S1	Steel MS, SS
225	250 - 270	SC225S2-402	SC225S2-602	225	225	
250	270 - 290	SC250S2-402	SC250S2-602	250	250	250
300	310 - 330	SC300S1-402	SC300S1-602		300	300
	330 - 350	SC300S2-402	SC300S2-602	300		
350	350 - 370	SC350S1-402	SC350S1-602		350	350
375	400 - 420	SC375S1-402	SC300S1-602		375	400
	420 - 440	SC375S2-402	SC375S2-602	375		
400	450 - 470	SC400S1-402	SC600S1-602		400	450
450	490 - 510	SC450S2-402	SC450S2-602	450	450	500



SS REPAIR CLAMPS (3 PART) AS 4181 PN16						
Nom Dia	OD Range	400 Long	600 Long	Compatible Pressure Pipe Materials		
				PVC S2, DI, AC GRP	PVC S1, ABS S1	Steel MS, SS
450	490 - 510	SC450S2-403	SC450S2-603	450	450	500
500	560 - 590	SC500S2-403	SC500S2-603	500	500	
600	600 - 620	SC600ST-403	SC600ST-603			600
	620 - 640	SC575S1-403	SC575S1-603		575	
	650 - 680	SC600S2-403	SC600S2-603	600		

RECOMMENDED CLAMP LENGTH

The general recommendation is that the clamp length should be twice the pipe diameter. And the clamp length should not be less than the diameter of the pipe.

For longitudinal damage, we recommend a clamp length equal to 4 times the length of the damaged section of the pipe

Where a large section of the pipe wall is broken away, a section of thin gauge stainless steel sheet metal should be placed over the opening to provide a sealing surface for the gasket.



SS OFFTAKE CLAMPS – FLANGED & BSP					
DN	OD Range	BSP Offtake		FLANGED Offtake	
		Code	Offtake	Code	Offtake
40	45-51	SCB040SI-	20,25,32		
50	59-76	SCB050SI-	20,25,32,40,50		
80	85-95	SCB080SI-	20,25,32,40,50		
	95-104	SCB080S2-	20,25,32,40,50	SCF080S2-	80
100	110-120	SCB100SI-	20,25,32,40,50	SCF100SI-	80,100
	121-130	SCB100S2-	20,25,32,40,50	SCF100S2-	80,100
150	151-161	SCB150SI-	20,25,32,40,50	SCF150SI-	80,100
	174-183	SCB150S2-	20,25,32,40,50	SCF150S2-	80,100,150
200	218-228	SCB200SI-	20,25,32,40,50	SCF200SI-	80,100,150
	229-238	SCB200S2-	20,25,32,40,50	SCF200S2-	80,100,150
225	248-257	SCB225SI-	20,25,32,40,50	SCF225SI-	80,100,150
	255-265	SCB225S2-	20,25,32,40,50	SCF225S2-	80,100,150
250	271-281	SCB250SI-	20,25,32,40,50	SCF250SI-	80,100,150
	281-290	SCB250S2-	20,25,32,40,50	SCF250S2-	80,100,150
300	312-322	SCB300SI-	20,25,32,40,50	SCF300SI-	80,100,150
	343-355	SCB300S2-	20,25,32,40,50	SCF300S2-	80,100,150
375	400-420	SCB375SI-	20,25,32,40,50	SCF375SI-	80,100,150
	420-440	SCB375S2-	20,25,32,40,50	SCF375S2-	80,100,150
450	450-470	SCB450SI-	20,25,32,40,50	SCF450SI-	80,100,150
	490-510	SCB450S2-	20,25,32,40,50	SCF450S2-	80,100,150

Available Lengths: 200mm, 300mm, 400mm & 600mm
When ordering: Nominate Code + Length + Offtake size



SEWER OB JUNCTIONS- PNI						
DN	OD Range suits	Branch Offtake		Length	45 Deg Junction	90 Deg Junction
		DN	Type			
150	PVC DWV	100	SWJ Socket	300	SCOB150SI-100	SCOB150SI-100
150	PVC DWV	150	SWJ Socket	400	SCOB150SI-150	SCOB150SI-150
150	AC	100	SWJ Socket	300	SCOB150S2-100	SCOB150S2-100
150	AC	150	SWJ Socket	400	SCOB150S2-150	SCOB150S2-150
150	VC	100	SWJ Socket	300	SCOB150VC-100	SCOB150VC-100
150	VC	150	SWJ Socket	400	SCOB150VC-150	SCOB150VC-150
225	PVC DWV	100	SWJ Socket	300	SCOB225SI-100	SCOB225SI-100
225	PVC DWV	150	SWJ Socket	400	SCOB225SI-150	SCOB225SI-150
225	AC	100	SWJ Socket	300	SCOB225S2-100	SCOB225S2-100
225	AC	150	SWJ Socket	400	SCOB225S2-150	SCOB225S2-150
225	VC	100	SWJ Socket	300	SCOB225VC-100	SCOB225VC-100
225	VC	150	SWJ Socket	400	SCOB225VC-150	SCOB225VC-150
300	PVC DWV	100	SWJ Socket	300	SCOB300SI-100	SCOB300SI-100
300	PVC DWV	150	SWJ Socket	400	SCOB300SI-150	SCOB300SI-150
300	AC	100	SWJ Socket	300	SCOB300S2-100	SCOB300S2-100
300	AC	150	SWJ Socket	400	SCOB300S2-150	SCOB300S2-150

Clamps to suit other pipe sizes and materials are available on request



SS JUNIOR CLAMPS

Nom Dia	OD Range	75 Long	150 Long	Pressure Pipe Materials		
				Gal	Copper	Poly
15	21.3	SCJG15	SCJG15-15	15		
20	26.7	SCJG20	SCJG20-15	20		
25	33.4	SCJG25	SCJG25-15	25		
32	42.2	SCJG32	SCJG32-15	32		
15	12.7	SCJC15	SCJC15-15		15	
20	19.1	SCJC20	SCJC20-15		20	
25	25.4	SCJC25	SCJC25-15		25	25
32	31.8	SCJC32	SCJC32-15		32	32
40	38.1	SCJC40	SCJC40-15		40	



SS HALF CLAMPS

Nom Dia	OD Range	75 Long	150 Long	Pressure Pipe Materials		
				Gal	Copper	Poly
15	21.3	SCHG15	SCHG15-15	15		
20	26.7	SCHG20	SCHG20-15	20		
25	33.4	SCHG25	SCHG25-15	25		
32	42.2	SCHG32	SCHG32-15	32		
40	48.3	SCHG40	SCHG40-15	40		
50	60.3	SCHG50	SCHG50-15	50		
65	76.0	SCHG65	SCHG65-15	65		
80	89.0	SCHG80	SCHG80-15	80		



SS TAPPING SADDLES

Dia	Range	20	25	32	40	50
80	88-108	TBS0820	TBS0825	TBS0832		
100	110-135	TBS1020	TBS1025	TBS1032	TBS1040	
150	160-190	TBS1520	TBS1525	TBS1532	TBS1540	TBS1550
200	210-240	TBS2020	TBS2025	TBS2032	TBS2040	TBS2050
225	240-270	TBS2220	TBS2225	TBS2232	TBS2240	TBS2250
250	270-300	TBS2520	TBS2525	TBS2532	TBS2540	TBS2550
300	300-330	TBSP3020	TBSP3025	TBSP3032	TBSP3040	TBSP3050
	330-360	TBS3020	TBS3025	TBS3032	TBS3040	TBS3050
375	390-420	TBSP3720	TBSP3725	TBSP3732	TBSP3740	TBSP3750
	420-450	TBS3720	TBS3725	TBS3732	TBS3740	TBS3750
450	490-520	TBS4520	TBS4525	TBS4532	TBS4540	TBS4550

CIVILPIPES PTY LTD

ABN 30 168 566 667
2 Potassium St. Narangba Qld 4504
PO Box 304, North Lakes Qld 4509



Web:
civilpipes.com.au



Telephone:
+61 7 3053 3456



E-mail:
sales@civilpipes.com.au

