

Rapid Sewer OB Junction Clamps Grade 316 Stainless Steel

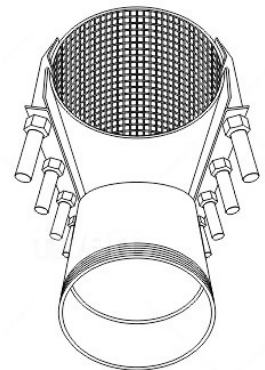
Our Sewer OB Junction clamps are made from 316 Grade Stainless Steel and are ideally suited for either new or damaged property connections on non-pressure sewer pipelines.

These CBJ clamps are designed for a permanent sewer branch connection.

CBJ Clamps cover a larger surface of the host pipe with length options of 300mm to 400mm. This increased surface area reinforces the host pipe at the tapping point to provide maximum strength and reliability.

Components

Shell:	Grade 316 Stainless steel. Fully passivized after welding
Offtake:	Available in DN100mm or DN150mm uPVC offtakes fitted at 45 degree's from the clamp shell.
Gasket:	Nitrile rubber for use with gas, water and petrochemicals. Specially formulated for use with drinking water and incorporating antioxidant agents to increase shelf life. Gaskets have a gridded design, tapered ends and vulcanized armour plates for easy installation and optimum sealing efficiency.
Locking Washer Plate:	Grade 316 Stainless steel. Locks into position for easy tightening of nuts
Receiver Bars:	Grade 316 Stainless steel TIG-welded to shell to form a strong fusion. Fully passivized after welding
Lugs:	Grade 316 Stainless steel MIG-welded to receiver bar and fully passivized after welding. Leading edge is rounded to prevent them from catching bolt bars during installation
Bolts:	Grade 316 Stainless steel Thread-rolled for strength and coated to prevent galling. Bolts are MIG-welded to the receiver bar and fully passivized after welding.
Nuts/Washers:	Grade 316 Stainless steel



General Information

Operating pressure rated to 100kPA

Maximum temperature 60 degrees

Installation instructions

Clean and remove any debris around the host pipe, where the clamp will be placed. Check for any pipe damage, if present relocate the clamp. Disassemble the clamp, and place off take part onto the host pipe in its required position.

Insert hand into off take and trace around the inside of the off take pipe onto the host pipe, using a felt tip pen.

Remove off take from the host pipe.

Cut hole into the host pipe using the markings as a guide. Cut the hole, approximately 10mm larger than the markings, this will make room for the extruding internal pipe.

Install the clamp onto the host pipe. Ensure that the extruding internal pipe is not interfering with the host pipe. If the extruding internal pipe is interfering with the host pipe, remove the clamp and enlarge the hole at the areas of interference.

Tension the nuts evenly and diametrically. Tighten the nuts from one end to the other, or from the centre nuts outwards. Check the gaps between the segments are even whilst tensioning.

Final tension of the nuts is approximately 70Nm. Check the tension of the nuts 10 minutes later, re-tension nuts if required to 70Nm



Rapid Sewer Junction Clamps

Part Number	Outside Diameter	Description
CBJ-160/170-100	160 - 170mm	OB SS316 CLAMP 160 to 170 x 100 x 45 uPVC
CBJ-175/185-100	175 - 185mm	OB SS316 CLAMP 175 to 185 x 100 x 45 uPVC
CBJ-190/210-100	190 - 210mm	OB SS316 CLAMP 190 to 210 x 100 x 45 uPVC
CBJ-190/210-150	190 - 210mm	OB SS316 CLAMP 190 to 210 x 150 x 45 uPVC
CBJ-225/245-100	225 - 245mm	OB SS316 CLAMP 225 to 245 x 100 x 45 uPVC
CBJ-225/245-150	225 - 245mm	OB SS316 CLAMP 225 to 245 x 150 x 45 uPVC
CBJ-250/270-100	250 - 270mm	OB SS316 CLAMP 250 to 270 x 100 x 45 uPVC
CBJ-250/270-150	250 - 270mm	OB SS316 CLAMP 250 to 270 x 150 x 45 uPVC
CBJ-270/290-100	270 - 290mm	OB SS316 CLAMP 270 to 290 x 100 x 45 uPVC
CBJ-270/290-150	270 - 290mm	OB SS316 CLAMP 270 to 290 x 150 x 45 uPVC
CBJ-310/330-100	310 - 330mm	OB SS316 CLAMP 310 to 330 x 100 x 45 uPVC
CBJ-310/330-150	310 - 330mm	OB SS316 CLAMP 310 to 330 x 150 x 45 uPVC

NOTE: Larger host pipe clamp sizes available on request