

MODEL

7706-T TRANSITION COUPLING

Model 7706-T Transition Couplings allows for a direct transition from IPS pipe sizes to ISO pipe sizes.



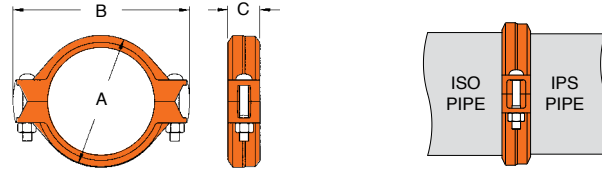
Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
Class 150	300 psi @ 100°F 20 Bar @ 38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar/PSI	Max. End Load kN / Lbs	Axial Displacement mm / in	Angular Movement		Dimensions			Bolts Size mm / in	Weight Kgs / Lbs
					Per Coupling Degree (°)	Per Pipe mm / m in / ft	A mm / in	B mm / in	C mm / in		
2½ x 76.1mm	73.0 x 76.1	20	5.90	0 ~ 3.2	2° - 24'	21.0	102	138	48	M10 x 55	1.2
	2.875 x 3.000	300	1330	0 ~ 0.13			4.02	5.43	1.89		
6 x 165.1mm	168.3 x 165.1	20	44.29	0 ~ 6.4	1° - 06'	19.0	200	270	53	M16 x 90	3.5
	6.625 x 6.500	300	9960	0 ~ 0.25			7.87	10.63	2.09		

*Deflection or angular movement is the maximum value that a coupling allows with no internal pressure.

MODEL

7771-T TRANSITION COUPLING

The Shurjoint Model 7771-T Transition Coupling allows for a direct transition from IPS pipe sizes to JIS pipe sizes. Available in nominal pipe sizes from 8" through 12" this coupling can accommodate a combination of pipes, valves and or fittings with a single coupling. Bolt pads are designed to make metal to metal contact to provide for a secure and rigid joint.

The stepped exterior design of the housings help to ensure the correct positioning of IPS and JIS sides.



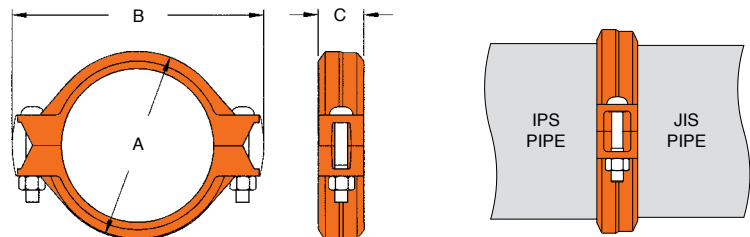
Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
Class 150	300 psi @ 100°F 20 Bar @ 38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Actual Pipe O.D.		Max. Working Pressure Bar / PSI	Max. End Load kN / Lbs	Total Axial Displacement mm / in	Dimensions			Bolts Size mm	Weight Kgs / Lbs
	IPS mm / in	JIS mm / in				A mm / in	B mm / in	C mm / in		
200	219.1	216.3	20	75.37	3.2	259	335	63	M16 x 135	7.0
8	8.625	8.515	300	17520	0.13	10.20	13.19	2.50		15.4
250	273.0	267.4	20	117.01	3.2	316	386	63	M20 x 120	9.0
10	10.750	10.528	300	27190	0.13	12.46	15.20	2.50		19.8
300	323.9	318.5	20	164.71	3.2	367	448	63	M22 x 165	11.0
12	12.750	12.539	300	38280	0.13	14.45	17.64	2.50		24.2