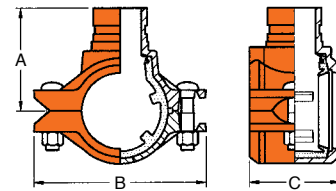


MODEL

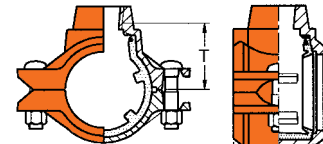
C-7 OUTLET COUPLING

The Model C-7 Outlet Coupling combines the features of a coupling and a reducing outlet. The C-7 facilitates an easy reducing branch outlet without the need of a mechanical tee or reducing tee and couplings. The C-7 is available with grooved, male threaded or female threaded outlets. This fitting is

recommended for fire sprinkler and other pipelines of moderate pressure. The C-7 Outlet Coupling can be used for dry pipe systems or vacuum services up to 10 inHg or 254 mmHg, which may occur when the system is drained.



Grooved Outlet



Threaded Outlet



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.

Run pipe mm / in	Nominal Size		Max. Working Pressure Bar / PSI	Axial Displacement mm / in	Max. End Load kN / Lbs	Dimensions				Bolt Size mm / in	Weight Kgs / Lbs
	FPT mm / in	Gr / MPT mm / in				T* mm / in	A mm / in	B mm / in	C mm / in		
40 1½	15	---	20	20~22	3.7 850	52	---	114	70	M10 x 55 ¾ x 2½	1.2
	½	---	300	0.81~0.88		2.06	---	4.50	2.75		2.6
	20	---	20	20~22		52	---	114	70		1.2
	¾	---	300	0.81~0.88		2.06	---	4.50	2.75		2.6
	25	---	20	20~22		49	---	114	70		1.3
50 2	1	---	300	0.81~0.88	5.7 1330	1.94	---	4.50	2.75	M10 X 55 ¾ x 2½	2.9
	15	---	20	20~22		59	---	127	70		1.4
	½	---	300	0.81~0.88		2.32	---	5.00	2.75		3.1
	20	---	20	20~22		59	---	127	70		1.4
	¾	---	300	0.81~0.88		2.32	---	5.00	2.75		3.1
65 2½	25	33.4	20	20~22	8.4 2120	56	---	127	70	M12 X 60 ½ x 2½	1.5
	1	---	300	0.81~0.88		56	89	127	70		1.5
	15	---	20	32~38		2.20	3.50	5.00	2.75		3.3
	½	---	300	1.25~1.50		2.20	---	6.33	3.25		4.8
	20	---	20	32~38		65	---	161	83		2.1
	¾	---	300	1.25~1.50		2.56	---	6.33	3.25		4.6
	25	---	20	32~38		62	---	161	83		2.0
	1	---	300	1.25~1.50		2.44	---	6.33	3.25		4.4
80 3	32	42.2	20	32~38	12.4 2890	64	94	161	83	M12 X 75 ½ x 3	2.3
	1¼	1¼	300	1.25~1.50		2.52	3.70	6.33	3.25		5.1
	40	48.3	20	32~38		---	94	161	83		2.4
	1½	1½	300	1.25~1.50		---	3.70	6.33	3.25		5.9
	20	---	20	32~38		72	---	175	83		2.7
	¾	---	300	1.25~1.50		2.83	---	6.87	3.25		5.9
	25	33.4	20	32~38		70	102	175	83		2.8
	1	1	300	1.25~1.50		2.75	4.00	6.87	3.25		6.2
100 4	32	---	20	32~38	20.5 4770	70.0	102.0	175.0	83.0	M16 X 90 ¾ x 3½	2.8
	1¼	---	300	1.25~1.50		2.75	4.00	6.87	3.25		6.2
	48.3	48.3	20	32~38		70.0	102	175	83		2.9
	1½	1½	300	1.25~1.50		2.75	4.00	6.87	3.25		6.4
	20	---	20	41~46		94	---	211	93		4.2
	¾	---	300	1.63~1.81		3.70	---	8.31	3.66		9.2
	25	33.4	20	41~46		91	---	211	93		4.3
150 6	1	1	300	1.63~1.81	44.5 9950	3.58	---	8.31	3.66	M16 X 90 ¾ x 3½	9.5
	40	48.3	20	41~46		84	124	211	93		4.3
	1½	1½	300	1.63~1.81		3.31	4.88	8.31	3.66		9.5
	50	60.3	20	41~46		89.0	124	211	93		4.5
	2	2	300	1.63~1.81		3.50	4.88	8.31	3.66		9.9
	20	---	20	41~46		121	---	276	94		6.0
	¾	---	300	1.63~1.81		4.76	---	10.86	3.70		13.2
150 6	25	---	20	41~46	44.5 9950	121	---	276	94	M16 X 90 ¾ x 3½	6.0
	1	---	300	1.63~1.81		4.76	---	10.86	3.70		13.2
	40	48.3	20	41~46		121	154	276	94		6.2
	1½	1½	300	1.63~1.81		4.76	6.06	10.86	3.70		13.6
	50	60.3	20	41~46		111.0	154	276	94		6.5
2	2	300	1.63~1.81	4.4	6.06	10.86	3.70	14.3			

FPT : Female threaded outlet Gr: Grooved outlet MPT: Male threaded outlet
*T : Center of run pipe to end of outlet pipe (dimensions approximate). Female threaded outlet only.