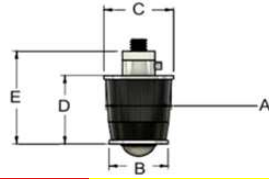


EXPANDER PLUGS



Line	Image	PART #	DESCRIPTION	B Min Washer OD (IN)	C Max Washer OD (IN)	Minimum Pipe ID (IN)	Maximum Pipe ID (IN)	E Plug Length (IN)	D Rubber Length (IN)	A Rubber Min Diameter (IN)	A Rubber Max Expansion Diameter (IN)
3		MSTS 1011400D	1/2" Expandable Plug CTS .400 OD	0.25	0.300	0.439	0.550	1.750	1.130	0.594	0.781
4		MSTS 1011585D	1/2" Expandable Plug .585 OD	0.375	0.438	0.594	0.622	1.750	1.130	0.594	0.781
5		MSTS 1011600	Expander Plugs 3/4" Special .600-.745 shaved.	0.595	0.605	0.625	0.710	1.750	1.130	0.590	0.750
6		MSTS 1011700	3/4" Special Expander Plug shaved to .700"	0.625	0.705	0.715	0.790	1.750	1.130	0.695	0.875
7		EXP 750730	3/4" Expander Shaft 1 pce c/w plug shaved to .730"	0.625	0.735	0.750	0.810	1.750	1.130	0.730	0.900
8		MSTS 1011735D	3/4" sch 80 Expander Plug for undersized sch 80 shaved to .735"	0.625	0.735	0.750	0.810	1.750	1.130	0.730	0.900
9		MSTS 1011	3/4" Special Expandable Plug .740 OD	0.625	0.740	0.755	0.824	1.750	1.130	0.735	1.130
10		EXP 750	3/4" Expandable Plug & Shaft - one piece	0.650	0.785	0.810	0.900	1.750	1.130	0.770	0.950
11		MSTS 1011AD	3/4" Expander Plug .785" Detachable	0.650	0.785	0.810	0.900	1.750	1.130	0.770	0.950
12		MSTS 1011AM	Perfection PE Tee 3/4" Expander Plug (.785") modifies with #006 bolt head "O" ring and 15/16" top washer	0.650	0.937	0.810	N/A	1.750	1.130	0.770	0.950
13		EXP 1000	1" Expandable Plug & Shaft - one piece	0.781	0.875	0.875	1.049	1.750	1.130	0.875	1.250
14		MSTS 1011BD	1" Expandable Plug Detachable	0.781	0.875	0.875	1.049	1.750	1.130	0.875	1.250
15		MSTS 1011CD	1 1/4" Expandable Plug Detachable	1.050	1.125	1.130	1.380	1.875	1.188	1.130	1.440
16		EXP 1250	1 1/4" Expandable Plug & Shaft - one piece	1.245	1.255	1.275	1.380	1.875	1.188	1.235	1.440
17		MSTS 1011CSWD	1 1/4" Detachable Expander plug - straight wall	1.245	1.255	1.275	1.380	1.875	1.188	1.235	1.440
18		EXP 1500	1 1/2" Expandable Plug & Shaft - one piece	1.280	1.375	1.380	1.610	1.810	1.188	1.380	1.750
19		MSTS 1011DD	1 1/2" Detachable Expandable Plug	1.280	1.375	1.380	1.610	1.810	1.188	1.380	1.750
20		EXP 2000	2" Expandable Plug & Shaft - one piece	1.820	1.910	1.940	2.067	1.880	1.188	1.940	2.310
21		MSTS 1011ED	2" Detachable Expandable Plug	1.820	1.910	1.940	2.067	1.880	1.188	1.940	2.310