TECHNICAL DATA SHEET

MULTIFIX STEEL TEST PLUGS

YTM MAKINA Multifix Steel Test Plugs are designed for sealing and testing pipe ends and openings. Tightening bolts compress the rubber seal between the steel flanges to form a reliable mechanical seal. Integrated handles assist with positioning, while the built-in bypass supports controlled flow during sealing and isolation operations.



SIZE RANGE
325 mm to 2000 mm

Temperature range
–20 °C to +80 °C

BACK PRESSURE
0.1 to 0.5 bar*

MATERIAL OPTIONS
NR / SBR / CR / EPDM

Customizable

With Bypass







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MULTIFIX STEEL TEST PLUGS (0,1bar/1,45PSI - 0,5bar/7,25PSI)

Product Code	Nominal Size (mm)	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Product Diameter (mm/inch)	SCH STD Pipe Inner Diameter (mm/inch)	Back Pressure (bar/psi)	Bypass Diameter (inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
EMSTP325	325	315mm/12,4"	355mm/13,98"	310mm/12,2"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	8,19kg/18,05lbs
EMSTP350	350	337mm/13,27"	380mm/14,96"	335mm/13,19"	336,54mm/13,25"	0,5bar/7,25psi	2"	126,4mm/4,98"	9,21kg/20,3lbs
EMSTP375	375	365mm/14,37"	405mm/15,94"	360mm/14,17"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	10,18kg/22,44lbs
EMSTP400	400	387mm/15,24"	430mm/16,93"	385mm/15,16"	387,34mm/15,25"	0,5bar/7,25psi	2"	126,4mm/4,98"	11,2kg/24,68lbs
EMSTP425	425	415mm/16,34"	455mm/17,91"	410mm/16,14"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	12,26kg/27,02lbs
EMSTP450	450	438mm/17,24"	480mm/18,9"	435mm/17,13"	437,94mm/17,24"	0,3bar/4,35psi	2"	126,4mm/4,98"	13,37kg/29,47lbs
EMSTP475	475	465mm/18,31"	505mm/19,88"	460mm/18,11"	-	0,3bar/4,35psi	2"	126,4mm/4,98"	14,53kg/32,02lbs
EMSTP500	500	489mm/19,25"	530mm/20,87"	485mm/19,09"	488,94mm/19,25"	0,3bar/4,35psi	2"	126,4mm/4,98"	15,73kg/34,66lbs
EMSTP525	525	515mm/20,28"	555mm/21,85"	510mm/20,08"	-	0,3bar/4,35psi	2"	126,4mm/4,98"	17,07kg/37,62lbs
EMSTP550	550	540mm/21,26"	580mm/22,83"	535mm/21,06"	539,94mm/21,26"	0,2bar/2,9psi	2"	126,4mm/4,98"	18,36kg/40,47lbs
EMSTP575	575	565mm/22,24"	605mm/23,82"	560mm/22,05"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	19,71kg/43,43lbs
EMSTP600	600	590mm/23,23"	630mm/24,8"	585mm/23,03"	590,94mm/23,27"	0,2bar/2,9psi	2"	126,4mm/4,98"	21,11kg/46,53lbs
EMSTP625	625	615mm/24,21"	655mm/25,79"	610mm/24,02"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	22,53kg/49,65lbs
EMSTP650	650	640mm/25,2"	680mm/26,77"	635mm/25"	640,94mm/25,23"	0,2bar/2,9psi	2"	126,4mm/4,98"	24kg/52,9lbs
EMSTP675	675	665mm/26,18"	705mm/27,76"	660mm/25,98"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	25,72kg/56,68lbs
EMSTP700	700	690mm/27,17"	730mm/28,74"	685mm/26,97"	691,94mm/27,24"	0,2bar/2,9psi	2"	126,4mm/4,98"	27,29kg/60,14lbs
EMSTP725	725	715mm/28,15"	755mm/29,72"	710mm/27,95"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	28,91kg/63,71lbs
EMSTP750	750	740mm/29,13"	780mm/30,71"	735mm/28,94"	742,94mm/29,25"	0,2bar/2,9psi	2"	126,4mm/4,98"	30,57kg/67,38lbs
EMSTP775	775	765mm/30,12"	805mm/31,69"	760mm/29,92"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	32,28kg/71,15lbs
EMSTP800	800	790mm/31,1"	830mm/32,68"	785mm/30,91"	793,94mm/31,26"	0,2bar/2,9psi	2"	126,4mm/4,98"	35,05kg/77,25lbs
EMSTP825	825	815mm/32,09"	855mm/33,66"	810mm/31,89"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	39,2kg/86,39lbs
EMSTP850	850	840mm/33,07"	880mm/34,65"	835mm/32,87"	844,94mm/33,27"	0,2bar/2,9psi	2"	126,4mm/4,98"	41,16kg/90,71lbs
EMSTP875	875	865mm/34,06"	905mm/35,63"	860mm/33,86"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	43,16kg/95,13lbs
EMSTP900	900	890mm/35,04"	930mm/36,61"	885mm/34,84"	894,94mm/35,23"	0,2bar/2,9psi	2"	126,4mm/4,98"	45,2kg/99,62lbs
EMSTP925	925	915mm/36,02"	955mm/37,6"	910mm/35,83"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	47,32kg/104,28lbs
EMSTP950	950	940mm/37,01"	980mm/38,58"	935mm/36,81"	945,94mm/37,24"	0,2bar/2,9psi	2"	126,4mm/4,98"	49,54kg/109,18lbs
EMSTP975	975	965mm/37,99"	1005mm/39,57"	960mm/37,8"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	51,65kg/113,84lbs
EMSTP1000	1000	990mm/38,98"	1030mm/40,55"	985mm/38,78"	996,94mm/39,25"	0,2bar/2,9psi	2"	160mm/6,3"	71,09kg/156,68lbs
EMSTP1025	1025	1015mm/39,96"	1055mm/41,54"	1010mm/39,76"	-	0,1bar/1,45psi	2"	160mm/6,3"	74,03kg/163,17lbs
EMSTP1050	1050	1040mm/40,94"	1080mm/42,52"	1035mm/40,75"	1047,94mm/41,26"	0,1bar/1,45psi	2"	160mm/6,3"	80,81kg/178,11lbs
EMSTP1075	1075	1065mm/41,93"	1105mm/43,5"	1060mm/41,73"	-	0,1bar/1,45psi	2"	160mm/6,3"	83,68kg/184,44lbs
EMSTP1100	1100	1090mm/42,91"	1130mm/44,49"	1085mm/42,72"	1098,94mm/43,27"	0,1bar/1,45psi	2"	160mm/6,3"	86,69kg/191,06lbs
EMSTP1125	1125	1115mm/43,9"	1155mm/45,47"	1110mm/43,7"	-	0,1bar/1,45psi	2"	160mm/6,3"	89,91kg/198,16lbs
EMSTP1150	1150	1140mm/44,88"	1180mm/46,46"	1135mm/44,69"	1148,94mm/45,23"	0,1bar/1,45psi	2"	160mm/6,3"	94,03kg/207,24lbs
EMSTP1175	1175	1165mm/45,87"	1205mm/47,44"	1160mm/45,67"	-	0,1bar/1,45psi	2"	160mm/6,3"	97,17kg/214,16lbs
EMSTP1200	1200	1190mm/46,85"	1230mm/48,43"	1185mm/46,65"	1199,94mm/47,24"	0,1bar/1,45psi	2"	160mm/6,3"	100,71kg/221,96lbs
EMSTP1225	1225	1215mm/47,83"	1255mm/49,41"	1210mm/47,64"	-	0,1bar/1,45psi	2"	160mm/6,3"	103,94kg/229,08lbs
EMSTP1250	1250	1240mm/48,82"	1280mm/50,39"	1235mm/48,62"	-	0,1bar/1,45psi	2"	160mm/6,3"	107,17kg/236,2lbs
EMSTP1275	1275	1265mm/49,8"	1305mm/51,38"	1260mm/49,61"	-	0,1bar/1,45psi	2"	160mm/6,3"	111,07kg/244,79lbs
EMSTP1300	1300	1290mm/50,79"	1330mm/52,36"	1285mm/50,59"	-	0,1bar/1,45psi	2"	160mm/6,3"	114,14kg/251,56lbs
EMSTP1325	1325	1315mm/51,77"	1355mm/53,35"	1310mm/51,57"	-	0,1bar/1,45psi	2"	160mm/6,3"	118,37kg/260,88lbs
EMSTP1350	1350	1340mm/52,76"	1380mm/54,33"	1335mm/52,56"	-	0,1bar/1,45psi	2"	160mm/6,3"	121,53kg/267,85lbs
EMSTP1375	1375	1365mm/53,74"	1405mm/55,31"	1360mm/53,54"	-	0,1bar/1,45psi	2"	160mm/6,3"	124,83kg/275,13lbs
EMSTP1400	1400	1390mm/54,72"	1430mm/56,3"	1385mm/54,53"	-	0,1bar/1,45psi	2"	160mm/6,3"	132,2kg/291,36lbs
EMSTP1425	1425	1415mm/55,71"	1455mm/57,28"	1410mm/55,51"	-	0,1bar/1,45psi	2"	160mm/6,3"	136,09kg/299,95lbs
EMSTP1450	1450	1440mm/56,69"	1480mm/58,27"	1435mm/56,5"	-	0,1bar/1,45psi	2"	160mm/6,3"	139,64kg/307,76lbs
EMSTP1475	1475	1465mm/57,68"	1505mm/59,25"	1460mm/57,48"	-	0,1bar/1,45psi	2"	160mm/6,3"	143,63kg/316,57lbs
EMSTP1500	1500	1490mm/58,66"	1530mm/60,24"	1485mm/58,46"	-	0,1bar/1,45psi	2"	213mm/8,39"	171,84kg/378,73lbs
EMSTP1525	1525	1515mm/59,65"	1555mm/61,22"	1510mm/59,45"	-	0,1bar/1,45psi	2"	213mm/8,39"	174,96kg/385,62lbs
EMSTP1550	1550	1540mm/60,63"	1580mm/62,2"	1535mm/60,43"	-	0,1bar/1,45psi	2"	213mm/8,39"	181,46kg/399,94lbs
EMSTP1575	1575	1565mm/61,61"	1605mm/63,19"	1560mm/61,42"	-	0,1bar/1,45psi	2"	213mm/8,39"	184,56kg/406,78lbs
EMSTP1600	1600	1590mm/62,6"	1630mm/64,17"	1585mm/62,4"	-	0,1bar/1,45psi	2"	213mm/8,39"	189,61kg/417,9lbs
EMSTP1625	1625	1615mm/63,58"	1655mm/65,16"	1610mm/63,39"	-	0,1bar/1,45psi	2"	213mm/8,39"	192,75kg/424,83lbs
EMSTP1650	1650	1640mm/64,57"	1680mm/66,14"	1635mm/64,37"	-	0,1bar/1,45psi	2"	213mm/8,39"	198,3kg/437,06lbs
EMSTP1675	1675	1665mm/65,55"	1705mm/67,13"	1660mm/65,35"	-	0,1bar/1,45psi	2"	213mm/8,39"	201,96kg/445,12lbs
EMSTP1700	1700	1690mm/66,54"	1730mm/68,11"	1685mm/66,34"	-	0,1bar/1,45psi	2"	213mm/8,39"	202,09kg/445,4lbs
EMSTP1725	1725	1715mm/67,52"	1755mm/69,09"	1710mm/67,32"	-	0,1bar/1,45psi	2"	213mm/8,39"	211,6kg/466,36lbs
EMSTP1750	1750	1740mm/68,5"	1780mm/70,08"	1735mm/68,31"	-	0,1bar/1,45psi	2"	213mm/8,39"	216,7kg/477,62lbs
EMSTP1775	1775	1765mm/69,49"	1805mm/71,06"	1760mm/69,29"	-	0,1bar/1,45psi	2"	213mm/8,39"	220,23kg/485,39lbs
EMSTP1800	1800	1790mm/70,47"	1830mm/72,05"	1785mm/70,28"	-	0,1bar/1,45psi	2"	215mm/8,46"	270,02kg/595,12lbs
EMSTP1825	1825	1815mm/71,46"	1855mm/73,03"	1810mm/71,26"	-	0,1bar/1,45psi	2"	215mm/8,46"	275,7kg/607,64lbs
EMSTP1850	1850	1840mm/72,44"	1880mm/74,02"	1835mm/72,24"	-	0,1bar/1,45psi	2"	215mm/8,46"	286,95kg/632,44lbs
EMSTP1875	1875	1865mm/73,43"	1905mm/75"	1860mm/73,23"	-	0,1bar/1,45psi	2"	215mm/8,46"	293,86kg/647,66lbs
EMSTP1900	1900	1890mm/74,41"	1930mm/75,98"	1885mm/74,21"	-	0,1bar/1,45psi	2"	215mm/8,46"	301,01kg/663,42lbs
EMSTP1925	1925	1915mm/75,39"	1955mm/76,97"	1910mm/75,2"	-	0,1bar/1,45psi	2"	215mm/8,46"	306,04kg/674,51lbs
EMSTP1950	1950	1940mm/76,38"	1980mm/77,95"	1935mm/76,18"	-	0,1bar/1,45psi	2"	215mm/8,46"	310,53kg/684,41lbs
EMSTP1975	1975	1965mm/77,36"	2005mm/78,94"	1960mm/77,17"	-	0,1bar/1,45psi	2"	215mm/8,46"	318,27kg/701,47lbs
EMSTP2000	2000	1990mm/78,35"	2030mm/79,92"	1985mm/78,15"	-	0,1bar/1,45psi	2"	215mm/8,46"	326,39kg/719,37lbs

Other sizes and custom pressure ratings available uopn request.