

## Expandable test plugs for purging and general pipe blocking

Pipe stoppers, or drain plugs as they are sometimes known, are used to temporarily seal the end of a pipe or opening for many different testing applications. Pipe stoppers are mainly used to seal off from water, gases and foreign objects in newly laid pipes, or pipework systems that are under repair.

TAG Pipe Purge System range of Pipe stoppers are available in a number of different styles to suit many applications for pipe sizes from ½ to 72". Special Pipe stoppers are also available for pressure testing.

### How it works

A central spindle/shaft on which two plates are fitted with a natural rubber tyre (ring) between them, a wing nut on the shaft moving the two plates together compressing the tyre and making the seal in the pipe. These stoppers can also be supplied with a hollow shaft version for screwing on standard hose connections or for using fixed or free nipple caps.

Expandable Pipe Stoppers are available in three different types.

### Nylon Plugs

Nylon plugs are the standard 'Drain Plugs' for testing leak tightness of foul water lines at the time of installation.

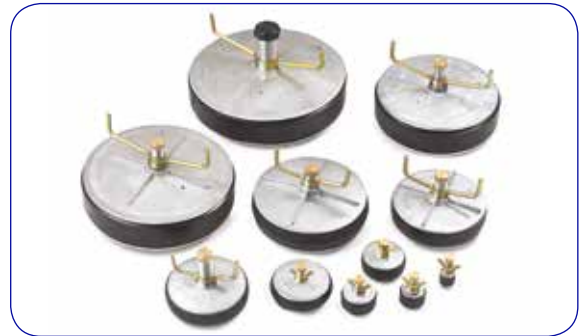
Furthermore, the range of sizes make these plugs ideal for a number of other applications in the water and gas industries as well as applications in all other industries where pipes are used or where there are holes to be blocked.



### Aluminium Plugs

To complement the range of nylon expanding plugs, we offer all sizes of aluminium plugs.

These are provided in sizes from 1.5" upwards and are suitable for more arduous duties such as immersion in chemicals and/or higher temperatures.



### Steel Plugs

TAG Pipe Purge System also manufacture a range of Steel plugs from 1.5 to 72" in diameter.

These plugs are typically suitable for more arduous duties such as long immersion in water and use at higher temperatures or for contact with acidic or alkaline environments for which the Nylon and Aluminium plugs may be unsuitable.



**All plugs conform to British Standards BS8005 for low pressure testing and sealing of pipes.**

PART NO.	PIPE SIZE INTERNAL NOMINAL DIAMETER		WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX. WEIGHT
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
<b>NYLON EXPANDING PIPE STOPPERS SPECIFICATION</b>									
NES18	18mm	¾"	18mm	26mm	30mm	58mm	n/a solid	15p.s.i.	0.01kg
NES25	25mm	1"	25mm	32mm	18mm	51mm	n/a solid	15p.s.i.	0.02kg
NES31	31mm	1¼"	31mm	39mm	19mm	56mm	n/a solid	15p.s.i.	0.04kg
NES38	38mm	1½"	38mm	42mm	36mm	58mm	n/a solid	15p.s.i.	0.05kg
NES50	50mm	2"	48.5mm	62.2mm	36mm	110mm	0.5" bsp	15p.s.i.	0.05kg
NES63	63mm	2½"	65mm	77mm	36mm	110mm	0.5" bsp	10p.s.i.	0.10kg
NES75	75mm	3"	74mm	86mm	36mm	110mm	0.5" bsp	10p.s.i.	0.10kg
NES88	88mm	3½"	82mm	96mm	36mm	110mm	0.5" bsp	10p.s.i.	0.10kg
NES100	100mm	4"	95mm	105mm	36mm	110mm	0.5" bsp	5p.s.i.	0.15kg
NES115	115mm	4½"	114mm	124mm	36mm	110mm	0.5" bsp	5p.s.i.	0.2kg
NES125	125mm	5"	117mm	127mm	40mm	110mm	0.5" bsp	5p.s.i.	0.2kg
NES150	150mm	6"	146mm	155mm	42mm	110mm	0.5" bsp	5p.s.i.	0.25kg

<b>ALUMINIUM EXPANDING PIPE STOPPERS SPECIFICATION</b>									
AES1.5	40mm	1½"	38mm	50mm	45mm	94mm	½"	30p.s.i.	0.17kg
AES2	50mm	2"	49mm	62mm	43mm	90mm	½"	30p.s.i.	0.22kg
AES2.5	65mm	2½"	62mm	77mm	43mm	92mm	½"	30p.s.i.	0.27kg
AES3	75mm	3"	73mm	89mm	43mm	94mm	½"	20p.s.i.	0.31kg
AES3.5	90mm	3½"	84mm	103mm	53mm	96mm	½"	15p.s.i.	0.36kg
AES4	100mm	4"	94mm	110mm	47mm	94mm	½"	10p.s.i.	0.36kg
AES4.5	114mm	4½"	112mm	130mm	56mm	140mm	½"	10p.s.i.	0.47kg
AES5	125mm	5"	125mm	142mm	60mm	95mm	½"	10p.s.i.	0.79kg
AES6	150mm	6"	146mm	168mm	48mm	96mm	½"	10p.s.i.	0.70kg
AES7	175mm	7"	175mm	200mm	64mm	100mm	1"	7p.s.i.	1.92kg
AES8	200mm	8"	193mm	220mm	64mm	100mm	1"	7p.s.i.	1.59kg
AES9	225mm	9"	220mm	240mm	64mm	170mm	1"	7p.s.i.	2.06kg
AES10	250mm	10"	245mm	270mm	73mm	178mm	1"	7p.s.i.	2.52kg
AES11	275mm	11"	274mm	328mm	100mm	200mm	1"	7p.s.i.	3.45kg
AES12	300mm	12"	295mm	325mm	77mm	200mm	1"	7p.s.i.	3.42kg
AES13	325mm	13"	325mm	360mm	120mm	230mm	1"	5p.s.i.	4.75kg
AES14	350mm	14"	350mm	385mm	110mm	215mm	1"	5p.s.i.	6.95kg
AES15	375mm	15"	370mm	410mm	110mm	225mm	1"	5p.s.i.	5.35kg
AES16	400mm	16"	390mm	435mm	110mm	225mm	1"	5p.s.i.	5.9kg
AES18	450mm	18"	445mm	495mm	110mm	225mm	2"	5p.s.i.	8.75kg
AES20	500mm	20"	495mm	550mm	145mm	255mm	2"	5p.s.i.	11.3kg
AES21	525mm	21"	520mm	575mm	145mm	255mm	2"	3p.s.i.	11.8kg
AES24	600mm	24"	595mm	650mm	145mm	255mm	2"	3p.s.i.	15.85kg

<b>STEEL EXPANDING PIPE STOPPERS SPECIFICATION</b>									
SES1.5	40mm	1½"	37mm	50mm	31mm	81.5mm	½"	30p.s.i.	0.16kg
SES2	50mm	2"	50mm	61mm	32.7mm	82.8mm	½"	30p.s.i.	0.18kg
SES2.5	65mm	2½"	51mm	75mm	33.2mm	80.5mm	½"	30p.s.i.	0.26kg
SES3	75mm	3"	73mm	85mm	34mm	80.5mm	½"	20p.s.i.	0.28kg
SES3.5	89mm	3½"	84mm	100mm	41mm	81mm	½"	15p.s.i.	0.36kg
SES4	100mm	4"	94mm	108mm	37.5mm	83.3mm	½"	10p.s.i.	0.41kg
SES4.5	114mm	4½"	110mm	125mm	40mm	83.3mm	½"	10p.s.i.	0.58kg
SES5	125mm	5"	124mm	139mm	37mm	83.3mm	½"	10p.s.i.	0.60kg
SES6	150mm	6"	145mm	160mm	39.7mm	83.3mm	½"	10p.s.i.	0.75kg
SES7	175mm	7"	175mm	200mm	46mm	130mm	1"	7p.s.i.	1.56kg
SES8	200mm	8"	195mm	215mm	37mm	130mm	1"	7p.s.i.	1.47kg
SES9	225mm	9"	210mm	230mm	58mm	150mm	1"	7p.s.i.	1.93kg
SES10	250mm	10"	245mm	260mm	55mm	150mm	1"	7p.s.i.	2.55kg
SES12	300mm	12"	296mm	320mm	85mm	150mm	1"	7p.s.i.	3.72kg
SES14	350mm	14"	340mm	385mm	85mm	210mm	1"	5p.s.i.	6.54kg
SES15	375mm	15"	370mm	415mm	100mm	210mm	1"	5p.s.i.	7.00kg
SES16	400mm	16"	390mm	430mm	95mm	210mm	1"	5p.s.i.	8.45kg
SES18	450mm	18"	448mm	495mm	100mm	210mm	1"	5p.s.i.	10.6kg
SES20	500mm	20"	495mm	550mm	145mm	255mm	2"	3p.s.i.	11.3kg
SES21	525mm	21"	520mm	575mm	145mm	255mm	2"	3p.s.i.	11.5kg
SES24	600mm	24"	595mm	650mm	145mm	255mm	2"	3p.s.i.	15.85kg

\* Larger sizes available upon request