Justram High Pressure Mechanical Pipe Plugs

Pipeline testing and isolation

Mechanical sealing for pipeline isolation during testing and construction.

Replaceable seals and a bolt-tightened design engineered to restrain rated pipeline pressure.

Representative configuration

100 / 200 PSI

Size-dependent ratings*

1.9 - 24.875 in.

Listed pipe I.D. limits**

CONFIGURABLE

Body and seal options

BUILT FOR YOUR APPLICATION

Standard construction
Aluminum body, steel hardware and solid nitrile seal.

Available options
EPDM or Viton seals; steel or stainless steel body and hardware; solid or inflatable seals.

Typical uses
Water and force mains, lift stations, fire protection, irrigation and plant piping.

Custom requirements
Ask Justram about other sizes, pressures and non-circular openings.

* Ratings apply to steel pipe only. Other pipe materials require lower ratings or additional restraints. Confirm the selected plug rating and follow installation instructions.
** Limits span multiple sizes; availability is not continuous. Provide actual pipe I.D., material, test pressure, temperature and medium for selection.

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Justram Mechanical Pipe Plug Selection

Part number	Dia. min. in. (mm)	Dia. max. in. (mm)	Bypass	Max. pipeline PSI (bar)	Shipping wt. (lb)
BTT-145-9020	1.9" (48.26 mm)	2.1" (53.34 mm)	3/8" M	200 (13.8)	4
BTT-145-9024	2.469" (63 mm)	2.625" (67 mm)	3/8" M	200 (13.8)	2
BTT-145-9026	2.625" (67 mm)	2.812" (71 mm)	3/8" M	200 (13.8)	2
BTT-145-9028	2.812" (71 mm)	3" (76 mm)	3/8" M	200 (13.8)	2
BTT-145-9030	3" (76 mm)	3.1" (78 mm)	3/8" M	200 (13.8)	3
BTT-145-9031	3.188" (81 mm)	3.375" (86 mm)	3/8" M	200 (13.8)	3
BTT-145-9033	3.375" (86 mm)	3.562" (90 mm)	3/8" M	200 (13.8)	3
BTT-145-9035	3.562" (90 mm)	3.75" (95 mm)	3/8" M	200 (13.8)	3
BTT-145-9037	3.75" (95 mm)	4.125" (105 mm)	1/4" F	200 (13.8)	3
BTT-145-9041	4.125" (105 mm)	4.5" (114 mm)	1/4" F	100 (6.89)	3
BTT-145-9045	4.5" (114 mm)	4.875" (124 mm)	1/4" F	100 (6.89)	4
BTT-145-9048	4.875" (124 mm)	5.25" (133 mm)	1/4" F	100 (6.89)	4
BTT-145-9052	5.25" (133 mm)	5.625" (143 mm)	1/4" F	100 (6.89)	5
BTT-145-9056	5.625" (143 mm)	6" (152 mm)	1/2" F	100 (6.89)	5
BTT-145-9060	6" (152 mm)	6.375" (162 mm)	1/2" F	100 (6.89)	6
BTT-145-9063	6.375" (162 mm)	6.75" (171 mm)	1/2" F	100 (6.89)	6
BTT-145-9067	6.75" (171 mm)	7.125" (181 mm)	1/2" F	100 (6.89)	7
BTT-145-9071	7.125" (181 mm)	7.625" (194 mm)	1/2" F	100 (6.89)	8
BTT-145-9076	7.625" (194 mm)	8.125" (206 mm)	1/2" F	100 (6.89)	10
BTT-145-9081	8.125" (206 mm)	8.625" (219 mm)	1/2" NPT	100 (6.89)	11
BTT-145-9086	8.625" (219 mm)	9.125" (232 mm)	1/2" F	100 (6.89)	12
BTT-145-9091	9.125" (232 mm)	9.625" (244 mm)	1/2" F	100 (6.89)	14
BTT-145-9096	9.625" (244 mm)	10.125" (257 mm)	1/2" F	100 (6.89)	17
BTT-145-9101	10.125" (257 mm)	10.625" (270 mm)	1/2" F	100 (6.89)	17
BTT-145-9106	10.625" (270 mm)	11.125" (283 mm)	1/2" F	100 (6.89)	31
BTT-145-9111	11.125" (283 mm)	11.875" (302 mm)	1/2" F	100 (6.89)	31
BTT-145-9118	11.875" (302 mm)	12.625" (321 mm)	1/2" F	100 (6.89)	31
BTT-145-9126	12.625" (321 mm)	13.375" (340 mm)	1/2" F	100 (6.89)	34
BTT-145-9133	13.375" (340 mm)	14.125" (359 mm)	1/2" F	100 (6.89)	34
BTT-145-9148	14.875" (378 mm)	15.625" (397 mm)	1" F	100 (6.89)	44
BTT-145-9156	15.625" (397 mm)	16.375" (416 mm)	1" F	100 (6.89)	44
BTT-145-9163	16.375" (416 mm)	17.125" (435 mm)	1" F	100 (6.89)	63
BTT-145-9171	17.125" (435 mm)	17.875" (454 mm)	1" F	100 (6.89)	63
BTT-145-9178	17.875" (454 mm)	18.875" (479 mm)	1" F	100 (6.89)	65
BTT-145-9188	18.875" (479 mm)	19.875" (505 mm)	1" F	100 (6.89)	65
BTT-145-9198	19.875" (505 mm)	20.875" (530 mm)	1" F	100 (6.89)	70
BTT-145-9208	20.875" (530 mm)	21.875" (556 mm)	1" F	100 (6.89)	75
BTT-145-9218	21.875" (556 mm)	22.875" (581 mm)	1" F	100 (6.89)	78
BTT-145-9228	22.875" (581 mm)	23.875" (606 mm)	1" F	100 (6.89)	85
BTT-145-9238	23.875" (606 mm)	24.875" (632 mm)	2" F	100 (6.89)	96

Selection notes: Diameters refer to the pipe opening. F = female; M = male; NPT = National Pipe Thread. Ratings apply to steel pipe only; other materials require lower ratings or additional restraints. Confirm fit, pressure rating and connections with Justram before ordering.

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