





Carbon Steel Bull Plugs

Line Pipe Bull Plugs

- Nominal Pipe Size range 1/8 – 8 NPS (6 – 200 DN)
- Nominal Pipe Size 2 (50 DN) and smaller bull plugs are manufactured from bar which is processed in accordance with ATM A234 Gr. WPB
- Nominal Pipe Size 2 1/2 – 8 (65 – 200 DN) bull plugs are manufactured from A106 Gr. B seamless pipe using J.B. Smith's unique forming process which ensures uniform wall thickness
- Bull Plugs available in standard, extra heavy, double extra heavy, schedule 160 or solid
- All J.B. Smith bull plugs can be tapped
- End finishes available: NPT, weld beveled, squared cut (for socket weld) or grooved

Carbon Steel Bull Plugs	Size				Length	Standard Weight		XS/XH Weight		Solid Weight		XXS/XXH & Sch. 160 Weight		
	Pipe		API or O.D.			lbs	kg	lbs	kg	lbs	kg	lbs	kg	
	NPS	DN	in	mm										in
	1/8	6	0.405	10	2	51	–	–	0.10	0.05	0.20	0.09	0.40	0.18
	1/4	8	0.540	14	2	51	–	–	0.11	0.05	0.20	0.09	0.40	0.18
	3/8	10	0.675	17	2 1/4	57	–	–	0.14	0.06	0.33	0.15	0.28	0.13
	1/2	15	0.840	21	2 1/2	64	–	–	0.33	0.15	0.50	0.23	0.50	0.23
	3/4	20	1.050	27	2 3/4	70	–	–	0.50	0.23	0.80	0.36	0.75	0.34
	1	25	1.315	33	3	76	–	–	0.66	0.30	1.4	0.63	1.00	0.45
	1 1/4	32	1.660	42	3 1/4	83	–	–	1.00	0.45	2.3	1.0	1.5	0.68
	1 1/2	40	1.900	48	3 1/2	89	–	–	1.2	0.53	3.0	1.4	2.0	0.91
	2	50	2 3/8	60	4	102	2.3	1.0	2.5	1.1	5.0	2.3	3.5	1.6
	2 1/2	65	2 7/8	73	5	127	3.0	1.4	3.5	1.6	–	–	8.0	3.6
	3	80	3 1/2	89	6	152	4.5	2.0	6.0	2.7	–	–	11	5.0
	3 1/2	90	4	102	6 1/2	165	5.5	2.5	7.5	3.4	–	–	14	6.1
	4	100	4 1/2	114	7	178	7.5	3.4	10.0	4.5	–	–	18	8.2
	5	125	5 1/16	141	8 1/2	216	13	5.7	17	7.7	–	–	33	15
6	150	6 3/8	168	10	254	17	7.7	25	11	–	–	46	21	
8	200	8 3/8	219	11	279	29	13	44	20	–	–	78	35	

Solid Refinery Plugs Black (non-plated) Carbon Steel	Size		Length	
	NPS	DN	in	mm
	1/8	6	3	76
	1/4	8	3	76
	3/8	10	3	76
	1/2	15	3	76
	3/4	20	3	76
	1	25	3	76
	1 1/4	32	3	76
	1 1/2	40	3	76
2	50	3	76	

Smith solid black refinery plugs have been especially designed for refinery use. The body length leaves sufficient length for easy wrench application. Material conforms to ASTM-A 234 Grade WPB. Hex Heads 1 1/4" thru 2" are available.