



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
300	740 Psi	Shell 1125 Psi Seat 815 Psi	Straightway Venturi	Welding Ends ASME B 16.25 End to End ASME B 16.10	Rectangular	Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B	Manual
							Steel	

	WRENCH TYPE 8 K	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 4"	DN 1 1/2" - 36"	DN 8" - 36"
Cast Iron	5-AT 70544 N	5-AT 70544 C	5-AT 70544 D
Steel	5-AT 70547 N	5-AT 70547 C	5-AT 70547 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	S	T	X	
1 1/2"	44	97	128	160	24	30	45	16	101	104	32			Inside pipe dimension to be specified by purchaser.	*50,3	*241	
2"	60	102	144	176	24	30	150	101	137	181	47				*62,3	*267	
2 1/2"	71	115	171	214	32	36	150	101	155	181	47					75	*305
3"	69	119	192	248	42	50	150	101	163	181	47					91	*330
4"	98	160	211	265	42	50	150	101	181	195	65					117	*356
6"	106	179					150	101	222	195	71					172	457
8"	145	232					200	101	338	268	85	46	461			223	521
10"	146	245					200	101	370	268	85	46	493			278	559
12"	170	270					300	101	406	293	95	70	530			329	635
14"	174	313					300	101	430	293	95	70	554			362	762
16"	193	347					300	101	520	361	135	69	654			413	838
18"	220	340					300	101	590	400	160	108	724			464	914
20"	245	385					300	101	617	400	160	108	751			516	991
24"	280	460					350	101	700	423	175	130	834			619	1143
30"	350	590					350	101	827	483	196	192	965			772	1397
36"	425	625					350	101	839	501	200	210	973			927	1727

Note: \* Not included in the standards.