



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 2500  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
2500	6170 Psi	Shell 9275 Psi Seat 6787 Psi	Straightway Venturi	Welding Ends ASME B 16.25 End to End ASME B 16.10 Regular Pattern	Rectangular	Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B  Steel	Manual

	WRENCH TYPE 8 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 3"	DN 1 1/2" - 20"	DN 3" - 20"
Cast Iron	5-AT 70594 N	5-AT 70594 C	5-AT 70594 D
Steel	5-AT 70597 N	5-AT 70597 C	5-AT 70597 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	S	T	X
1 1/2"	53	96	137	170	32	36	150	101	128	181	47			Inside pipe dimension to be specified by purchaser.	50,3	384
2"	85	128	155	187	32	36	150	101	138	195	65				62,3	451
2 1/2"	86	164	191	234	42	50	150	101	157	195	71				75	508
3"	103	184	194	237	42	50	200	101	230	268	85	46	352		91	578
4"	122	193	223	273	47	55	200	101	256	268	85	46	379		117	673
6"	146	280					300	101	313	293	95	70	435		172	914
8"	203	313					300	101	398	361	135	69	532		223	1022
10"	229	318					300	101	452	400	160	108	586		278	1270
12"	264	461					350	101	525	423	175	130	659		329	1422
14"	275	474					350	101	529	460	176	168	663		362	1575
16"	306	504					350	101	594	483	196	192	728		413	1727
20"	346	581					450	101	646	501	200	210	780		516	2032