



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 600  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
600	1480 Psi	Shell 2225 Psi Seat 1630 Psi	Straightway Venturi	Flanges R.F. or R.J. ASME B 16.5 Face to Face 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 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 4"	DN 1 1/2" - 36"	DN 6" - 36"
Cast Iron	5-AT 70164 N	5-AT 70164 C	5-AT 70164 D
Steel	5-AT 70167 N	5-AT 70167 C	5-AT 70167 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	Raised Face	Ring Joint
																	V	V
1 1/2"	56	102	128	160	24	30	150	101	120	181	47			38	156	241	241	
2"	60	105	145	177	24	30	150	101	136	181	47			51	165	292	295	
2 1/2"	73	128	172	215	32	36	150	101	155	195	65			64	191	330	333	
3"	86	151	198	252	42	50	150	101	168	195	71			76	210	356	359	
4"	92	166	225	275	47	55	150	101	192	195	71			102	273	432	435	
6"	114	189					200	101	297	268	85	46	420	152	356	559	562	
8"	145	230					200	101	338	268	85	46	461	200	419	660	664	
10"	157	275					300	101	387	293	95	70	511	248	508	787	791	
12"	184	310					300	101	480	361	135	69	614	299	559	838	841	
14"	192	333					300	101	495	361	135	69	629	327	603	889	892	
16"	223	369					300	101	571	400	160	108	705	375	686	991	994	
18"	238	392					300	101	597	400	160	108	731	419	743	1092	1095	
20"	273	451					350	101	638	423	175	130	772	464	813	1194	1200	
24"	310	515					350	101	760	460	176	168	894	559	940	1397	1407	
30"	330	590					450	101	830	501	200	210	964	695	*1130	1651	1664	
36"	385	700					450	101	935	568	246	279	1069	840	*1315	2083	2099	

Note: \* Not included in the standards.