



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 900  
REGULAR PATTERN  
RECTANGULAR PORT FULL BORE

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
900	2220 Psi	Shell 3350 Psi Seat 2442 Psi	Straightway Regular	Welding Ends ASME B 16.25 End to End ASME B 16.10	Rectangular Full bore **	Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B  Steel	Manual

\*\* 1/2", 3/4" and 1 1/4" Round port full bore.

	WRENCH TYPE B L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1/2" - 3"	DN 1/2" - 20"	DN 3" - 20"
Cast Iron	5-AR 70574 N	5-AR 70574 C	5-AR 70574 D
Steel	5-AR 70577 N	5-AR 70577 C	5-AR 70577 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	S	T	X
1/2"	48	95	120	159	24	30	150	101	112	181	47			Inside pipe dimension to be specified by purchaser.	23,3	*216
3/4"	48	94	121	160	24	30	150	101	113	181	47				28,7	*229
1"	49	98	124	163	24	30	150	101	115	181	47				35,4	254
1 1/4"	64	104	130	169	24	30	150	101	121	181	47				44,2	279
1 1/2"	64	115	145	185	24	30	150	101	136	181	47				50,3	305
2"	85	149	186	241	42	50	150	101	157	195	71				62,3	368
2 1/2"	95	169	202	256	42	50	150	101	172	195	71				75	419
3"	100	173	225	285	47	55	200	101	257	268	85	46	381		91	381
4"	125	199	271	334	51	65	200	101	295	268	85	46	419		117	*457
6"	158	271					300	101	358	293	95	70	482		172	610
8"	200	314					300	101	462	400	160	108	596		223	737
10"	250	353					350	101	546	423	175	130	680		278	838
12"	302	425					350	101	609	460	176	168	743		329	965
14"	316	470					450	101	660	501	200	210	792		362	*1029
16"	370	530					450	101	711	568	246	279	845		413	*1130
18"	410	590					450	101	899	660	299	270	1051		464	*1219
20"	460	640					550	111	1099	725	311	297	1259	516	*1321	

Note: \* Not included in the standards.