



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300  
REGULAR PATTERN  
RECTANGULAR PORT FULL BORE

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
300	740 Psi	Shell 1125 Psi Seat 815 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	Manual
							Steel	

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

	WRENCH TYPE 8 K	GEAR TYPE C	GEAR TYPE D
Plug	DN 1/2" - 4"	DN 1/2" - 24"	DN 6" - 24"
Cast Iron	5-AR 70544 N	5-AR 70544 C	5-AR 70544 D
Steel	5-AR 70547 N	5-AR 70547 C	5-AR 70547 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	S	T	X
1/2"	48	83	120	160	24	30	45	16	94	104	32			Inside pipe dimension to be specified by purchaser.	*23,3	*140
3/4"	48	82	121	161	24	30	45	16	94	104	32				*28,7	*149
1"	40	86	123	163	24	30	45	16	97	104	32				*35,4	*172
1 1/4"	44	97	128	168	24	30	45	16	101	104	32				*44,2	*200
1 1/2"	60	102	144	185	24	30	150	101	137	181	47				*50,3	*241
2"	71	115	171	225	32	36	150	101	155	181	47				*62,3	*267
2 1/2"	83	148	196	252	42	50	150	101	168	181	47				75	*305
3"	92	164	224	285	47	55	150	101	192	195	65				91	*330
4"	114	180	262	327	51	65	150	101	224	195	65				117	*356
6"	145	247					200	101	342	268	85	46	465		172	*457
8"	195	277					300	101	416	293	95	70	540		223	*521
10"	213	314					300	101	492	361	135	69	626		278	*559
12"	285	394					300	101	604	400	160	108	738		329	*635
14"	288	418					350	101	616	423	175	130	750		362	*762
16"	320	445					350	101	676	460	176	168	810		413	*838
18"	370	530					350	101	760	483	196	192	894		464	*914
20"	390	565					450	101	855	568	246	279	989	516	*991	
24"	440	600					450	101	979	660	299	270	1131	619	*1143	

Note: \* Not included in the standards.