



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 150  
REGULAR PATTERN  
RECTANGULAR PORT FULL BORE

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
150	285 Psi	Shell 450 Psi Seat 315 Psi	Straightway Regular	Flanges R.F. or R.J. ASME B 16.5 Face to Face 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" 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 70124 N	5-AR 70124 C	5-AR 70124 D
Steel	5-AR 70127 N	5-AR 70127 C	5-AR 70127 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1/2"	48	83	120	160	24	30	45	16	94	104	32			*13	89	*121	*133
3/4"	48	82	121	161	24	30	45	16	94	104	32			*19	98	*121	*133
1"	40	86	123	163	24	30	45	16	97	104	32			25	108	*140	*152
1 1/4"	44	97	128	168	24	30	45	16	101	104	32			32	117	*165	*178
1 1/2"	60	102	144	185	24	30	150	101	137	181	47			38	127	*165	*178
2"	71	115	171	225	32	36	150	101	155	181	47			51	152	*191	*203
2 1/2"	83	148	196	239	42	50	150	101	168	181	47			64	178	*210	*222
3"	92	164	224	285	47	55	150	101	192	195	65			76	191	*229	*241
4"	114	180	262	327	51	65	150	101	224	195	65			102	229	305	318
6"	145	247					200	101	342	268	85	46	465	152	279	394	406
8"	195	277					300	101	416	293	95	70	540	203	343	457	470
10"	213	314					300	101	492	361	135	69	626	254	406	533	546
12"	285	394					300	101	604	400	160	108	738	305	483	610	622
14"	288	418					350	101	616	423	175	130	750	337	533	686	699
16"	320	445					350	101	676	460	176	168	810	387	597	762	775
18"	370	520					350	101	760	483	196	192	894	438	635	864	876
20"	390	550					450	101	855	501	200	210	989	489	699	914	927
24"	440	580					450	101	884	568	246	279	1018	591	813	1067	1080

Note: \* Not included in the standards.