



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	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 70144 N	5-AR 70144 C	5-AR 70144 D
Steel	5-AR 70147 N	5-AR 70147 C	5-AR 70147 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	95	*140	*151
3/4"	48	82	121	161	24	30	45	16	94	104	32			*19	118	*152	*165
1"	40	86	123	163	24	30	45	16	97	104	32			25	124	*159	*172
1 1/4"	44	97	128	168	24	30	45	16	101	104	32			32	133	*178	*191
1 1/2"	60	102	144	185	24	30	150	101	137	181	47			38	156	*191	*203
2"	71	115	171	225	32	36	150	101	155	181	47			51	165	*216	*232
2 1/2"	83	148	196	239	42	50	150	101	168	181	47			64	191	*241	*257
3"	92	164	224	285	47	55	150	101	192	195	65			76	210	*283	*299
4"	114	180	262	327	51	65	150	101	224	195	65			102	254	*305	*321
6"	145	247					200	101	342	268	85	46	465	152	318	403	419
8"	195	277					300	101	416	293	95	70	540	203	381	502	518
10"	213	314					300	101	492	361	135	69	626	254	445	568	584
12"	285	394					300	101	604	400	160	108	738	305	520	711	727
14"	288	418					350	101	616	423	175	130	750	337	585	762	778
16"	320	445					350	101	676	460	176	168	810	387	650	838	854
18"	370	530					350	101	760	483	196	192	894	432	710	914	930
20"	390	565					450	101	855	568	246	279	989	483	775	991	1010
24"	440	600					450	101	979	660	299	270	1131	585	915	1143	1165

Note: * Not included in the standards.