



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	Manual
							Steel	

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

	WRENCH TYPE 8 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1/2" - 5"	DN 1/2" - 12"	DN 5" - 12"
Cast Iron	9-AR 70144 N	9-AR 70144 C	9-AR 70144 D
Steel	9-AR 70147 N	9-AR 70147 C	9-AR 70147 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1/2"	34	30	70	105	14	17	45	16	72	104	32			*13	95	*140	*151
3/4"	37	32	76	124	15	22	45	16	76	104	32			*19	117	*140	*153
1"	37	40	86	134	17	22	45	16	83	104	32			25	124	*159	*172
1 1/4"	40	49	92	140	18	22	45	16	98	104	32			32	133	*178	*191
1 1/2"	46	55	102	162	21	24	150	101	110	181	47			38	155	*191	*203
2"	52	65	120	180	22	27	150	101	122	181	47			51	165	*216	*232
2 1/2"	62	74	135	195	24	30	150	101	134	181	47			64	191	*241	*257
3"	90	93	160	240	31	36	150	101	150	195	65			76	210	*283	*299
4"	105	101	180	260	38	41	150	101	167	195	65			102	254	*305	*321
5"	130	126	206	286	42	50	200	101	252	268	85	46	375	127	279	*349	*365
6"	144	162	254	334	48	55	200	101	289	268	85	46	412	152	318	403	419
8"	183	190					300	101	334	293	95	70	458	203	381	502	518
10"	212	240					300	101	435	361	135	69	569	254	445	568	584
12"	240	285					300	101	470	400	160	108	604	305	521	711	727

Note: * Not included in the standards.