



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 600
REGULAR PATTERN
RECTANGULAR PORT FULL BORE

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
600	1480 Psi	Shell 2225 Psi Seat 1630 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	

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

	WRENCH TYPE 8 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1/2" - 4"	DN 1/2" - 20"	DN 4" - 20"
Cast Iron	5-AR 70164 N	5-AR 70164 C	5-AR 70164 D
Steel	5-AR 70167 N	5-AR 70167 C	5-AR 70167 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1/2"	48	95	120	159	24	30	150	101	112	181	47			13	95	*165	*165
3/4"	48	94	121	160	24	30	150	101	112	181	47			19	118	*191	*191
1"	49	98	124	163	24	30	150	101	115	181	47			25	124	216	216
1 1/4"	56	102	128	167	24	30	150	101	120	181	47			32	133	229	229
1 1/2"	60	105	145	185	24	30	150	101	136	181	47			38	156	241	241
2"	73	128	172	225	32	36	150	101	155	195	65			51	165	292	295
2 1/2"	86	151	198	252	42	50	150	101	168	195	71			64	191	330	333
3"	92	166	225	285	47	55	150	101	192	195	71			76	210	356	359
4"	117	181	265	327	51	65	200	101	289	268	85	46	412	102	273	432	435
6"	158	255					300	101	364	293	95	70	488	152	356	559	562
8"	212	312					300	101	461	361	135	69	595	200	419	660	664
10"	248	324					300	101	545	400	160	108	679	248	508	787	791
12"	308	426					350	101	604	423	175	130	738	299	559	838	841
14"	316	460					350	101	656	460	176	168	790	327	603	889	892
16"	370	515					450	101	709	501	200	210	843	375	686	991	994
18"	410	570					450	101	804	568	246	279	938	419	743	*1092	*1095
20"	433	655					450	101	949	660	299	270	1101	464	813	*1194	*1200

Note: * Not included in the standards.