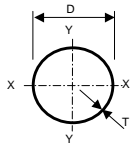


# Jumbo 355 CHS EN 10210 S355J2H

## Hot finished circular hollow sections



Diameter	Thickness		Mass	Section Area	Moment Of Inertia	Radius Of Gyration	Elastic Modulus	Plastic Modulus	Torsional Constants		Surface Area /m	Nominal Length /tonne	Current Length Range
D	T		M	A	$I_{xx}$	$i_{xx}$	$W_{el,xx}$	$W_{pl,xx}$	$I_t$	$C_t$	$A_s$	m	m
mm	mm	#1	kg/m	cm <sup>2</sup>	cm <sup>4</sup>	cm	cm <sup>3</sup>	cm <sup>3</sup>	cm <sup>4</sup>	cm <sup>3</sup>	m <sup>2</sup> /m		
457	22	#1	236	301	71295	15.4	3120	4166	142590	6240	1.44	4.24	6 - 9
	25	#1	266	339	79415	15.3	3475	4671	158830	6951	1.44	3.75	6 - 9
	28	#1	296	377	87184	15.2	3815	5160	174368	7631	1.44	3.38	6 - 9
	32	#1	335	427	97013	15.1	4246	5791	194027	8491	1.44	2.98	6 - 9
	36	#1	374	476	106261	14.9	4650	6396	212521	9301	1.44	2.68	6 - 9
508	20	#1	264	336	99376	17.2	3912	5200	198751	7825	1.60	3.79	6 - 13
	25	#1	298	379	110918	17.1	4367	5837	221837	8734	1.60	3.36	6 - 13
	28	#1	331	422	122016	17.0	4804	6459	244032	9608	1.60	3.02	6 - 13
	32	#1	376	479	136141	16.9	5360	7261	272282	10720	1.60	2.66	6 - 13
	36	#1	419	534	149523	16.7	5887	8036	299046	11773	1.60	2.39	6 - 13
559	20	#1	264	336	99376	17.2	3912	5200	198751	7825	1.60	3.79	6 - 13
	25	#1	298	379	110918	17.1	4367	5837	221837	8734	1.60	3.36	6 - 13
	28	#1	331	422	122016	17.0	4804	6459	244032	9608	1.60	3.02	6 - 13
	32	#1	376	479	136141	16.9	5360	7261	272282	10720	1.60	2.66	6 - 13
	36	#1	419	534	149523	16.7	5887	8036	299046	11773	1.60	2.39	6 - 13
610	25	#1	329	419	149822	18.9	5360	7134	299643	10721	1.76	3.04	6 - 13
	28	#1	367	467	165085	18.8	5906	7902	330170	11813	1.76	2.73	6 - 13
	32	#1	416	530	184604	18.7	6605	8898	369207	13210	1.76	2.40	6 - 13
	36	#1	464	591	203198	18.5	7270	9863	406397	14540	1.76	2.15	6 - 13
	40	#1	512	652	220899	18.4	7903	10796	441798	15807	1.76	1.95	6 - 13
610	28	#1	402	512	217266	20.6	7123	9492	434531	14247	1.92	2.49	6 - 13
	32	#1	456	581	243401	20.5	7980	10702	486802	15961	1.92	2.19	6 - 13
	36	#1	510	649	268413	20.3	8800	11877	536825	17601	1.92	1.96	6 - 13
	40	#1	562	716	292333	20.2	9585	13017	584666	19169	1.92	1.78	6 - 13
660	28	#1	436	556	278113	22.4	8428	11191	556225	16855	2.07	2.29	6 - 13
	32	#1	496	631	312043	22.2	9456	12631	624087	18912	2.07	2.02	6 - 13
	36	#1	554	706	344635	22.1	10443	14033	689270	20887	2.07	1.81	6 - 13
	40	#1	612	779	375923	22.0	11392	15397	751846	22783	2.07	1.64	6 - 13
711	28	#1	472	601	350921	24.2	9871	13069	701842	19742	2.23	2.12	6 - 13
	32	#1	536	683	394260	24.0	11090	14764	788520	22181	2.23	1.87	6 - 13
	36	#1	599	763	436021	23.9	12265	16418	872042	24530	2.23	1.67	6 - 13
	40	#1	662	843	476242	23.8	13396	18031	952485	26793	2.23	1.51	6 - 13

#1 SAW Process (single longitudinal seam weld, slightly proud)  
 Non-regular or Other sizes production

(CT06:7000:UK:03/2006)