Equal Angles

Standard dimension			Reference						
Designation	Section	Unit	Elastic modulus Axis	Radius of gyration			Second Moment of Area		
	area	weight	(cm3)	(cm)			(cm4)		
(mm)	(cm^2)	(kg/m)	x-x, y-y	x-x / y-y	u-u	v-v	x-x / y-y	u-u	v-v
200 x 200 x 24	90.6	71.1	235.0	6.06	7.64	3.90	3330	5280	1380
200 x 200 x 20	76.3	59.9	199.9	6.11	7.70	3.92	2850	4530	1170
200 x 200 x 18	69.1	54.3	181.0	6.13	7.75	3.90	2600	4150	1050
200 x 200 x 16	61.8	48.5	162.0	6.16	7.76	3.94	2340	3720	960
150 x 150 x 18	51.0	40.1	98.7	4.54	5.71	2.92	1050	1670	435
150 x 150 x 15	43.0	33.8	83.5	4.57	5.76	2.93	898	1430	370
150 x 150 x 12	34.8	27.3	67.7	4.60	5.80	2.95	737	1170	303
150 x 150 x 10	29.3	23.0	56.9	4.62	5.82	2.97	624	990	258
120 x 120 x 15	33.9	26.6	52.4	3.62	4.56	2.33	445	705	185
120 x 120 x 12	27.5	21.6	42.7	3.65	4.60	2.35	368	584	152
120 x 120 x 10	23.2	18.2	36.0	3.67	4.63	2.36	313	497	129
120 x 120 x 8	18.7	14.7	29.1	3.69	4.65	2.37	255	405	105
100 x 100 x 15	27.9	21.9	35.6	2.98	3.75	1.93	249	393	104
100 x 100 x 12	22.7	17.8	29.1	3.02	3.80	1.94	207	328	85.7
100 x 100 x 10	19.2	15.0	24.6	3.04	3.83	1.95	177	280	83.0
100 x 100 x 8	15.5	12.2	19.9	3.06	3.85	1.96	145	230	59.9
90 x 90 x 12	20.3	15.9	23.3	2.70	3.40	1.74	148	234	61.7
90 x 90 x 10	17.1	13.4	19.8	2.72	3.42	1.75	127	201	52.6
90 x 90 x 8	13.9	10.9	16.1	2.74	3.45	1.76	104	166	43.1
90 x 90 x 7	12.2	9.6	14.1	2.75	3.46	1.77	92.5	147	38.3