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CSA G40.21 Steel Grades

Selected ASTM Steel Grades

CSA G40.21 Steel Colour Codes

Nomenclature

Tables of Section Dimensions

- W Shapes
- HP Shapes
- M Shapes
- S Shapes
- Standard Channels (C)
- Miscellaneous Channels (MC)
- Angles (L)
- Hollow Structural Sections (HSS)

W44 – W36

W1100 – W920

INCH-POUND UNITS					SI METRIC UNITS				
Designation	DIMENSIONS (in.)				Designation	DIMENSIONS (mm)			
in. x lb/ft	d	b	t	w	mm x kg/m	d	b	t	w
W44					W1100				
x335	44.0	15.9	1.77	1.03	x499	1118	405	45	26
x290	43.6	15.8	1.58	0.87	x433	1108	402	40	22
x262	43.3	15.8	1.42	0.79	x390	1100	400	36	20
x230	42.9	15.8	1.22	0.71	x343	1090	400	31	18
W40					W1000				
x655	43.6	16.9	3.54	1.97	x976	1108	428	90	50
x593	43.0	16.7	3.23	1.79	x883	1092	424	82	46
x503	42.1	16.4	2.76	1.54	x748	1068	417	70	39
x431	41.3	16.2	2.36	1.34	x642	1048	412	60	34
x397	41.0	16.1	2.20	1.22	x591	1040	409	56	31
x372	40.6	16.1	2.05	1.16	x554	1032	408	52	30
x362	40.6	16.0	2.01	1.12	x539	1030	407	51	28
x324	40.2	15.9	1.81	1.00	x483	1020	404	46	25
x297	39.8	15.8	1.65	0.93	x443	1012	402	42	24
x277	39.7	15.8	1.58	0.83	x412	1008	402	40	21
x249	39.4	15.8	1.42	0.75	x371	1000	400	36	19
x215	39.0	15.8	1.22	0.65	x321	990	400	31	17
x199	38.7	15.8	1.07	0.65	x296	982	400	27	17
W40					W1000				
x392	41.6	12.4	2.52	1.42	x584	1056	314	64	36
x331	40.8	12.2	2.13	1.22	x494	1036	309	54	31