

These Pages include various standards. To confirm the status of any standard, identify the replacement standard if it is obsolete and/or purchase the standard please use.

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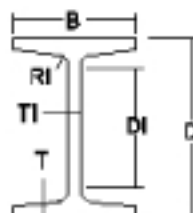
It is also possible to become a BSI member and obtain copies of the Standards at much reduced prices.

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### Universal Beams.....BS 4-1:1971(Superseded by BS 4: 1993 )

Please don't use for new designs



Dimensions

M = Mass per m , D= Depth of Section, B= Width of Section, T1 = Web thickness, T = Flange Thickness, R1 = Root radius, R2= Toe Radius, A = Area of Section								
Serial Size	M	D	B	T1	T	R1	D1	A
mm	kg	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>
914 x 419	388	920.5	420.5	21.5	36.6	24.1	791.5	493.9
-	343	911.4	418.5	19.4	32.0	24.1	791.5	436.9
914x 305	289	926.6	307.8	19.6	32.0	19.1	819.2	368.5
	253	918.5	305.5	17.3	27.9	19.1	819.2	322.5
	224	910.3	304.1	15.9	23.9	19.1	819.2	284.9
	201	903.0	303.4	15.2	20.2	19.1	819.2	256.1
838 x 292	226	850.9	293.8	16.1	26.8	17.8	756.4	288.4
	194	840.7	292.4	14.7	21.7	17.8	756.4	246.9
	176	834.9	291.6	14.0	18.8	17.8	756.4	223.8
762x267	197	769.6	268.0	15.6	25.4	16.5	681.2	250.5
	173	762.0	266.7	14.3	21.6	16.5	681.2	220.2
	147	753.9	265.3	12.9	17.5	16.5	681.2	187.8
686 x254	170	692.9	255.8	14.5	23.7	15.2	610.6	216.3
	152	687.6	254.5	13.2	21.0	15.2	610.6	193.6
	140	683.5	253.7	12.4	19.0	15.2	610.6	178.4
	125	677.9	253.0	11.7	16.2	15.2	610.6	159.4
610x305	238	633.0	311.5	18.6	31.4	16.5	531.6	303.5
	179	617.5	307.0	14.1	23.6	16.5	531.6	227.7
	149	609.6	304.8	11.9	19.7	16.5	531.6	189.9
610x229	140	617.0	230.1	13.1	22.1	12.7	543.1	178.2
	125	611.9	229.0	11.9	19.6	12.7	543.1	159.4
	113	607.3	228.2	11.2	17.3	12.7	543.1	144.3
	101	602.2	227.6	10.6	14.8	12.7	543.1	129.0
610x178	91	602.5	178.4	10.6	15.0	12.7	547.1	115.9
	82	598.2	177.8	10.1	12.8	12.7	547.1	104.4
533x330	212	545.1	333.6	16.7	27.8	16.5	450.1	269.6

