

British Universal Beams (UB)

Available in spec and grades:

EN 10025-2:2004 S235JR, S275JR/J0/J2, S355JR/J0/J2

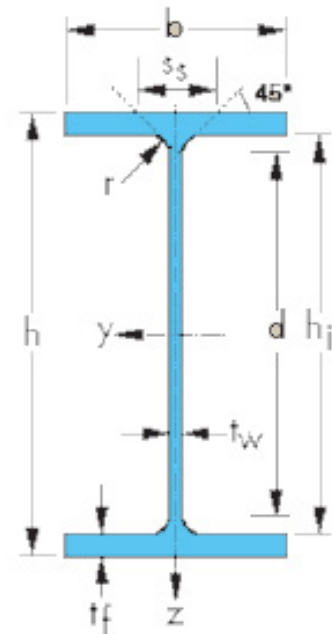
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per

BS 4-1:2005

EN 10034:1993

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
UB 127 x 76 x 13	13.0	127.0	76.0	4.0	7.6	7.6
UB 152 x 89 x 16	16.0	152.4	88.7	4.5	7.7	7.6
UB 178 x 102 x 19	19.0	177.8	101.2	4.8	7.9	7.6
UB 203 x 102 x 23	23.1	203.2	10.8	5.4	9.3	7.6
UB 203 x 133 x 25	25.1	203.2	133.2	5.7	7.8	7.6
UB 203 x 133 x 30	30.0	206.8	133.9	6.4	9.6	7.6
UB 254 x 102 x 22	22.0	254.0	10.6	5.7	6.8	7.6
UB 254 x 102 x 25	25.2	257.2	101.9	6.0	8.4	7.6
UB 254 x 102 x 28	28.3	260.4	102.2	6.3	40.1	7.6
UB 254 x 146 x 31	31.1	251.4	146.1	6.0	8.6	7.6
UB 254 x 146 x 37	37.0	256.0	146.4	6.3	10.9	7.6
UB 254 x 146 x 43	43.0	259.6	147.3	7.2	12.7	7.6
UB 305 x 102 x 25	24.8	305.1	101.6	5.8	7.0	7.6
UB 305 x 102 x 28	28.2	308.7	101.8	6.0	8.8	7.6
UB 305 x 102 x 33	32.8	312.7	102.4	6.6	10.8	7.6
UB 305 x 127 x 37	37.0	304.4	123.4	7.1	10.7	8.9
UB 305 x 127 x 42	41.9	307.2	124.3	8.0	12.1	8.9
UB 305 x 127 x 48	48.1	311.0	125.3	9.0	14.0	8.9
UB 305 x 165 x 40	40.3	303.4	165.0	6.0	10.2	8.9
UB 305 x 165 x 46	46.1	306.6	165.7	6.7	11.8	8.9
UB 305 x 165 x 54	54.0	310.4	166.9	7.9	13.7	8.9
UB 356 x 127 x 33	33.1	349.0	125.4	6.0	8.5	10.2
UB 356 x 127 x 39	39.1	353.4	171.1	6.6	10.7	10.2
UB 356 x 171 x 45	45.0	351.4	171.5	7.0	9.7	10.2
UB 356 x 171 x 51	51.0	355.0	172.2	7.4	11.5	10.2
UB 356 x 171 x 57	57.0	358.0	173.2	8.1	13.0	10.2
UB 356 x 171 x 67	67.1	363.4	173.2	9.1	15.7	10.2
UB 406 x 140 x 39	39.0	398.0	141.8	6.4	8.6	10.2
UB 406 x 140 x 46	46.0	403.2	142.2	6.8	11.2	10.2
UB 406 x 140 x 53	53.3	406.6	143.3	7.9	12.9	10.2
UB 406 x 178 x 54	54.1	402.6	177.7	7.7	10.9	10.2
UB 406 x 178 x 60	60.1	406.4	177.9	7.9	12.8	10.2
UB 406 x 178 x 67	67.1	409.4	178.8	8.8	14.3	10.2
UB 406 x 178 x 74	74.2	412.8	179.5	9.5	16.0	10.2
UB 406 x 178 x 85	85.0	417.0	181.0	10.9	18.2	10.2
UB 457 x 152 x 52	52.3	449.8	152.4	7.6	10.9	10.2
UB 457 x 152 x 60	59.8	454.6	152.9	8.1	13.3	10.2



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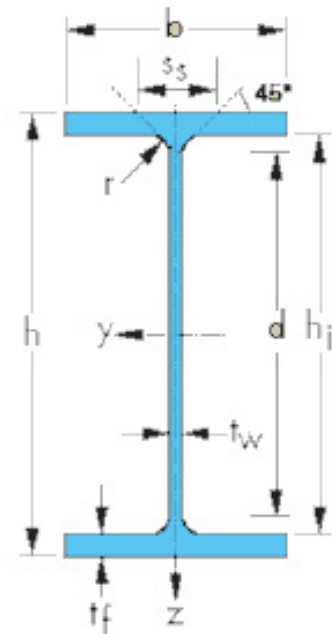
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Dimensions and tolerances as per

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EN 10034:1993

Designation	G (kg/m)	Dimensions				
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UB 457 x 152 x 67	67.2	458.0	153.8	9.0	15.0	10.2
UB 457 x 152 x 74	74.2	462.0	154.4	9.6	17.0	10.2
UB 457 x 152 x 82	82.1	465.8	155.3	10.5	18.9	10.2
UB 457 x 191 x 67	67.1	453.4	189.9	8.5	12.7	10.2
UB 457 x 191 x 74	74.3	457.0	190.4	9.0	14.5	10.2
UB 457 x 191 x 82	82.0	460.0	191.3	9.9	16.0	10.2
UB 457 x 191 x 89	89.3	463.4	191.9	10.5	17.7	10.2
UB 457 x 191 x 98	98.3	467.2	192.8	11.4	19.6	10.2
UB 457 x 191 x 106	106	469.0	194.0	12.6	20.6	10.2
UB 533 x 165 x 66	66.0	525.0	165.0	8.9	11.4	13
UB 533 x 165 x 74	74.0	529.0	166.0	9.7	13.6	13
UB 533 x 165 x 85	85.0	535.0	166.0	10.3	16.5	13
UB 533 x 210 x 82	82.2	528.3	208.8	9.6	13.2	12.7
UB 533 x 210 x 92	92.1	533.1	209.3	10.1	15.6	12.7
UB 533 x 210 x 101	101.0	536.7	210.0	10.8	17.4	12.7
UB 533 x 210 x 109	109.0	539.5	210.8	11.6	18.8	12.7
UB 533 x 210 x 122	122.0	544.5	211.9	12.7	21.3	12.7
UB 533 x 210 x 138	138.0	549.0	214.0	14.7	23.6	12.7
UB 610 x 178 x 82	82.0	599.0	178.0	10.0	12.8	13
UB 610 x 178 x 92	92.0	603.0	179.0	10.9	15.0	13
UB 610 x 229 x 101	101.2	602.6	227.6	10.5	14.8	12.7
UB 610 x 229 x 113	113.0	607.6	228.2	11.1	17.3	12.7
UB 610 x 229 x 125	125.1	612.2	229.0	11.9	19.6	12.7
UB 610 x 229 x 140	139.9	617.2	230.2	13.1	22.1	12.7
UB 610 x 229 x 153	153.0	623.0	229.0	14.0	24.9	12.7
UB 610 x 305 x 149	149.1	612.4	304.8	11.8	19.7	16.5
UB 610 x 305 x 179	179.0	620.2	307.1	14.1	23.6	16.5
UB 610 x 305 x 238	238.1	635.8	311.4	18.4	31.4	16.5
UB 686 x 254 x 125	125.2	677.9	253.0	11.7	16.2	15.2
UB 686 x 254 x 140	140.1	683.5	253.7	12.4	19.0	15.2
UB 686 x 254 x 152	152.4	687.5	254.5	13.2	21.0	15.2
UB 686 x 254 x 170	170.2	692.9	255.8	14.5	23.7	15.2
UB 686 x 254 x 192	192.0	702.0	254.0	15.5	27.9	15.2
UB 762 x 267 x 134	133.9	750.0	264.4	12.0	15.5	16.5
UB 762 x 267 x 147	146.9	754.0	265.2	12.8	17.5	16.5
UB 762 x 267 x 173	173.0	762.2	266.7	14.3	21.6	16.5
UB 762 x 267 x 197	196.8	769.8	268.0	15.6	25.4	16.5



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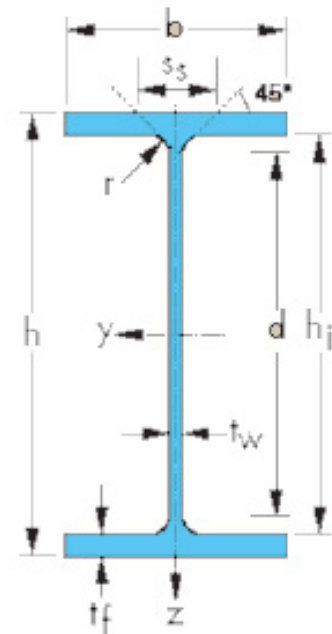
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UB 762 x 267 x 220	220.0	779.0	266.0	16.5	30.0	16.5
UB 838 x 292 x 176	175.9	834.9	291.7	14.0	18.8	17.8
UB 838 x 292 x 194	193.8	840.7	292.4	14.7	21.7	17.8
UB 838 x 292 x 226	226.5	850.9	29.8	16.1	26.8	17.8
UB 838 x 292 x 251	251.0	859.0	292.0	17.0	31.0	17.8
UB 914 x 305 x 201	200.9	903.0	303.3	15.1	20.2	19.1
UB 914 x 305 x 224	224.2	910.4	304.1	15.9	23.9	19.1
UB 914 x 305 x 238	238	915	305	16.5	25.9	19
UB 914 x 305 x 253	253.4	918.4	305.5	17.3	27.9	19.1
UB 914 x 305 x 271	271	923	307	18.4	30.0	19
UB 914 x 305 x 289	289.1	926.6	307.7	19.5	32.0	19.1
UB 914 x 305 x 313	313	932	309	21.1	34.5	19
UB 914 x 305 x 345	345	943	308	22.1	39.9	19
UB 914 x 305 x 381	381	951	310	24.4	43.9	19
UB 914 x 305 x 425	425	961	313	26.9	49.0	19
UB 914 x 305 x 474	474	971	316	30.0	54.1	19
UB 914 x 305 x 521	521	981	319	33.0	58.9	19
UB 914 x 305 x 576	576	993	322	36.1	65.0	19
UB 920 x 420 x 344	344	927	418	19.3	32.0	19
UB 920 x 420 x 368	368	931	419	20.3	34.3	19
UB 920 x 420 x 390	390	936	420	21.3	36.6	19
UB 920 x 420 x 420	420	943	422	22.5	39.9	19
UB 920 x 420 x 449	449	948	423	24.0	42.7	19
UB 920 x 420 x 491	491	957	422	25.9	47.0	19
UB 920 x 420 x 537	537	965	425	28.4	51.1	19
UB 920 x 420 x 588	588	975	427	31.0	55.9	19
UB 920 x 420 x 656	656	987	431	34.5	62.0	19
UB 920 x 420 x 725	725	999	434	38.1	68.1	19
UB 920 x 420 x 787	787	1011	437	40.9	73.9	19
UB 920 x 420 x 970	970	1043	446	50.0	89.9	19
UB 920 x 420 x 1077	1077	1061	451	55.0	99.1	19
UB 920 x 420 x 1194	1194	1081	457	60.5	109.0	19
UB 920 x 420 x 1269	1269	1093	461	64.0	115.1	19
UB 920 x 420 x 1377	1377	1093	473	76.7	115.1	19
UB 1000 x 400 x 296	296	982	400	16.5	27.1	30
UB 1000 x 400 x 321	321	990	400	16.5	31.0	30
UB 1000 x 400 x 371	371	1000	400	19.0	36.1	30



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UB 1000 x 400 x 412	412	1008	402	21.1	40.0	30
UB 1000 x 400 x 443	443	1012	402	23.6	41.9	30
UB 1000 x 400 x 483	483	1020	404	25.4	46.0	30
UB 1000 x 400 x 539	539	1030	407	28.4	51.1	30
UB 1000 x 400 x 554	554	1032	408	29.5	52.0	30
UB 1000 x 400 x 591	591	1040	409	31.0	55.9	30
UB 1000 x 400 x 642	642	1048	412	34.0	60.0	30
UB 1000 x 400 x 748	748	1068	417	39.0	70.0	30
UB 1000 x 400 x 883	883	1092	424	45.5	82.0	30
UB 1000 x 400 x 976	976	1108	428	50.0	89.9	30
UB 1016 x 305 x 222	222	970	300	16.0	21.1	30
UB 1016 x 305 x 249	249	980	300	16.5	26.0	30
UB 1016 x 305 x 272	272	990	300	16.5	31.0	30
UB 1016 x 305 x 314	314	1000	300	19.1	35.9	30
UB 1016 x 305 x 350	350	1008	302	21.1	40.0	30
UB 1016 x 305 x 393	393	1016	303	24.4	43.9	30
UB 1016 x 305 x 415	415	1020	304	26.0	46.0	30
UB 1016 x 305 x 438	438	1026	305	26.9	49.0	30
UB 1016 x 305 x 494	494	1036	309	31.0	54.0	30
UB 1016 x 305 x 584	584	1056	314	36.0	64.0	30

