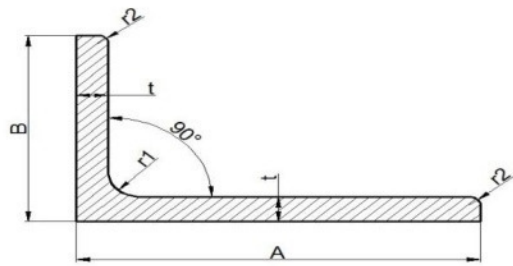


Product data sheet

Hot Rolled Unequal angle (GB/T706-2008)

Note : Please contact us to discuss any special requirements you might have

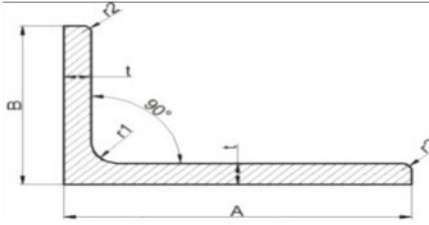
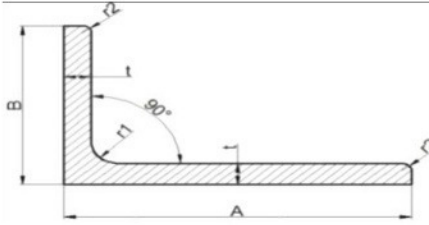


Shape and dimensions of Hot Rolled Unequal angle

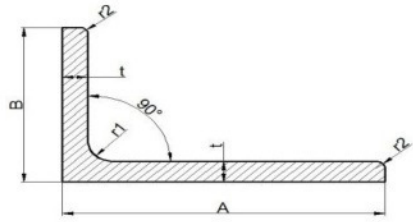
Production type	nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	A	B	t	r ₁	r ₂		
∠70×45×4	70	45	4	7.5	1/3t	4.547	3.570
∠70×45×5	70	45	5	7.5	1/3t	5.609	4.403
∠70×45×6	70	45	6	7.5	1/3t	6.647	5.218
∠70×45×7	70	45	7	7.5	1/3t	7.657	6.011
∠75×50×5	75	50	5	8	1/3t	6.125	4.808
∠75×50×6	75	50	6	8	1/3t	7.260	5.699
∠75×50×8	75	50	8	8	1/3t	9.467	7.431
∠75×50×10	75	50	10	8	1/3t	11.590	9.098
∠80×50×5	80	50	5	8	1/3t	6.375	5.005
∠80×50×6	80	50	6	8	1/3t	7.560	5.935
∠80×50×7	80	50	7	8	1/3t	8.724	6.848
∠80×50×8	80	50	8	8	1/3t	9.867	7.745

Production type	nominal dimensions (mm)					sectional area	theoretic weight
	A	B	t	r ₁	r ₂	(cm ²)	(kg/m)
∠90×56×5	90	56	5	9	1/3t	7.212	5.661
∠90×56×6	90	56	6	9	1/3t	8.557	6.717
∠90×56×7	90	56	7	9	1/3t	9.880	7.756
∠90×56×8	90	56	8	9	1/3t	11.183	8.779
∠100×63×6	100	63	6	10	1/3t	9.617	7.550
∠100×63×7	100	63	7	10	1/3t	11.111	8.722
∠100×63×8	100	63	8	10	1/3t	12.534	9.878
∠100×63×10	100	63	10	10	1/3t	15.467	12.142
∠100×80×6	100	80	6	10	1/3t	10.637	8.350
∠100×80×7	100	80	7	10	1/3t	12.301	9.656
∠100×80×8	100	80	8	10	1/3t	13.944	10.946
∠100×80×10	100	80	10	10	1/3t	17.167	13.476
∠110×70×6	110	70	6	10	1/3t	10.637	8.350
∠110×70×7	110	70	7	10	1/3t	12.301	9.656
∠110×70×8	110	70	8	10	1/3t	13.944	10.946
∠110×70×10	110	70	10	10	1/3t	17.167	13.476
∠125×80×7	125	80	7	11	1/3t	14.096	11.066
∠125×80×8	125	80	8	11	1/3t	15.989	12.551
∠125×80×10	125	80	10	11	1/3t	19.721	15.474
∠125×80×12	125	80	12	11	1/3t	23.351	18.330
∠140×90×8	140	90	8	12	1/3t	18.038	14.160
∠140×90×10	140	90	10	12	1/3t	22.261	17.475
∠140×90×12	140	90	12	12	1/3t	26.400	20.724
∠140×90×14	140	90	14	12	1/3t	30.456	23.908

Production type	nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	A	B	t	r ₁	r ₂		
∠ 150×90×8	150	90	8	12	1/3t	18.839	14.788
∠ 150×90×10	150	90	10	12	1/3t	23.261	18.260
∠ 150×90×12	150	90	12	12	1/3t	27.600	21.666
∠ 150×90×14	150	90	14	12	1/3t	31.856	25.007
∠ 150×90×15	150	90	15	12	1/3t	33.952	26.652
∠ 150×90×16	150	90	16	12	1/3t	36.027	28.281
∠ 160×100×10	160	100	10	13	1/3t	25.315	19.872
∠ 160×100×12	160	100	12	13	1/3t	30.054	23.592
∠ 160×100×14	160	100	14	13	1/3t	34.709	27.247
∠ 160×100×16	160	100	16	13	1/3t	29.281	30.835
∠ 180×110×10	180	110	10	14	1/3t	28.373	22.273
∠ 180×110×12	180	110	12	14	1/3t	33.712	26.440
∠ 180×110×14	180	110	14	14	1/3t	38.967	30.589
∠ 180×110×16	180	110	16	14	1/3t	44.139	34.649
∠ 200×125×12	200	125	12	14	1/3t	37.912	29.761
∠ 200×125×14	200	125	14	14	1/3t	43.687	34.436
∠ 200×125×16	200	125	16	14	1/3t	49.739	39.045
∠ 200×125×18	200	125	18	14	1/3t	55.526	43.588

nominal dimensions (mm)		Tolerances of products (mm)	graphical expression
Side Width (A,B)	$56 < A、B \leq 90$	± 1.5	 <p>The diagram shows a cross-section of an unequal angle. The vertical leg has a height labeled 'B' and the horizontal leg has a width labeled 'A'. The thickness of the legs is labeled 't'. A 90-degree angle is indicated at the corner. There are also small dimension lines at the ends of the legs.</p>
	$90 < A、B \leq 140$	± 2.0	
	$140 < A、B \leq 200$	± 2.5	
	$A、B > 200$	± 3.5	
Side thickness (t)	$56 < A、B \leq 90$	± 0.6	 <p>The diagram shows a cross-section of an unequal angle. The vertical leg has a height labeled 'B' and the horizontal leg has a width labeled 'A'. The thickness of the legs is labeled 't'. A 90-degree angle is indicated at the corner. There are also small dimension lines at the ends of the legs.</p>
	$90 < A、B \leq 140$	± 0.7	
	$140 < A、B \leq 200$	± 1.0	
	$A、B > 200$	± 1.4	
Tortuosity	Tortuosity per meter $\leq 3\text{mm}$, total tortuosity $\leq 0.30\%$ of total length		Adopt to big bend in up, down, left and right

unequal angle steel (JIS G3192-2008)



Shape and dimensions of unequal angle

Nominal dimensions (mm)				sectional area (cm ²)	theoretic weight (kg/m)
A×B	t	r ₁	r ₂		
100×75	8	10	5	13.5	10.6
100×75	10	10	7	16.6	13.0
125×75	8	10	5	15.5	12.2
125×75	10	10	7	19.1	15.0
150×90	10	12	8.5	23.2	18.2
150×90	12	12	8.5	27.5	21.6
150×100	12	12	8.5	28.7	22.5

nominal dimensions (mm)		Tolerances of products (mm)	
Side length (A or B)	$50 \leq A, B < 100$	± 2.0	
	$100 \leq A, B < 200$	± 3.0	
	$200 \leq A, B$	± 4.0	
Thickness (t, t_1, t_2)	$A < 130$	$6.3 \leq t < 10$	± 0.7
		$10 \leq t < 16$	± 0.8
	$A \geq 130$	$6.3 \leq t < 10$	± 0.8
		$10 \leq t < 16$	± 1.0
		$16 \leq t < 25$	± 1.2