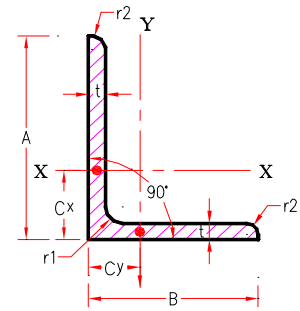




T-REX STEEL CO.,LTD.
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UNEQUAL ANGLE

Dimensions (mm.)					Sectional Area (cm ²)	Weight (kg/m.)	Position of Center of Gravity (cm)		Moment of Inertia (cm ⁴)				Radius of Gyration (cm)				Tana	Modulus of Section (cm ³)	
A	B	t	r1	r2			Cx	Cy	Ix	Iy	max Iu	min Iv	rx	ry	max ru	min rv		Sx	Sy
90	75	6	8.5	4	9.627	7.56	2.64	1.9	76.9	486	101	24.2	2.83	2.25	3.25	1.58	0.681	12.1	8.68
90	75	9	8.5	6	14.04	11	2.75	2.01	109	68.1	143	34.1	2.78	2.2	3.19	1.56	0.676	17.4	12.4
90	75	12	8.5	6	18.36	14.4	2.87	2.12	139	86.8	182	44	2.75	2.17	3.14	1.55	0.672	22.6	16.1
100	75	7	10	5	11.87	9.32	3.06	1.84	113	57	144	30.7	3.15	2.19	3.49	1.61	0.548	17	10.1
100	75	10	10	7	16.5	13	3.18	1.94	159	76.1	194	41.3	3.11	2.15	3.43	1.58	0.543	23.2	13.7
100	75	13	10	7	21.06	16.5	3.3	2.06	199	94.8	242	52.2	3.08	2.12	3.39	1.57	0.538	29.7	17.4
125	75	7	10	5	13.62	10.7	4.1	1.64	219	60.4	243	36.4	4.01	2.11	4.23	1.63	0.362	26.1	10.3
125	75	9	10	7	17.19	13.5	4.18	1.71	271	73.7	300	44.5	3.97	2.07	4.18	1.61	0.359	32.6	12.7
125	75	10	10	7	19	14.9	4.23	1.75	298	80.9	330	49	3.96	2.06	4.17	1.61	0.357	36.1	14.1
125	75	13	10	7	24.31	19.1	4.35	1.87	376	101	414	61.9	3.93	2.04	4.13	1.6	0.352	46.1	17.9
125	90	7	10	5	14.67	11.5	3.84	2.11	233	102	279	56.2	3.99	2.64	4.36	1.96	0.51	26.9	14.3
125	90	9	10	7	18.54	14.6	3.91	2.18	289	126	345	69.2	3.95	2.6	4.32	1.93	0.507	33.6	18.4
125	90	10	10	7	20.5	16.1	3.95	2.22	318	138	380	76.1	3.94	2.59	4.3	1.93	0.506	37.2	20.4
125	90	13	10	7	26.26	20.6	4.08	2.34	401	165	479	87.2	3.91	2.51	4.27	1.82	0.499	47.5	24.8
150	90	9	12	6	20.94	16.4	4.96	2	484	133	537	80.2	4.81	2.52	5.06	1.96	0.362	48.2	19
150	90	12	12	8.5	27.36	21.5	5.07	2.1	619	168	634	102	4.75	2.47	5	1.93	0.357	62.3	24.3
150	90	15	12	8.5	33.75	26.5	5.2	2.22	753	202	831	124	4.72	2.45	4.96	1.92	0.353	76.8	29.9
150	100	9	12	6	21.84	17.1	4.77	2.32	502	179	580	101	4.79	2.86	5.15	2.15	0.441	49	23.3
150	100	12	12	8.5	28.56	22.4	4.88	2.41	642	229	738	133	4.74	2.83	5.08	2.15	0.435	63.4	30.2
150	100	15	12	8.5	35.25	27.7	5.01	2.53	781	276	897	161	4.71	2.8	5.04	2.14	0.432	78.2	27