

Data Sheet



EQUAL ANGLES

Steel angles are typically made from roll-formed, mild steel and are formed by bending a piece of steel into an angle so that it forms an 'L'-shape, with a 90° perpendicular angle. The legs of an equal angle's 'L' are equal in size. Equal angles are known as angle irons, or L-brackets.

Product application

Angles are typically used as reinforcement, especially on surface edges, to help surfaces hold their shape, which helps curb damage or weather erosion to structures. Angles also offer support where structures would otherwise not be strong enough able to handle the weight placed on them.

Equal angles - mild steel (commercial quality)

Dimensions	2mm	2.5mm	3mm	4mm	5mm	6mm	8mm
25 x 25	0.777	0.954	1.114		1.773		
30 x 30	0.953	1.171	1.363		2.180		
40 x 40	1.285	1.582	1.874	2.417	2.974	3.516	
45 x 45			2.131	2.742	3.378	3.998	
50 x 50			2.367	3.056	3.770	4.469	5.819