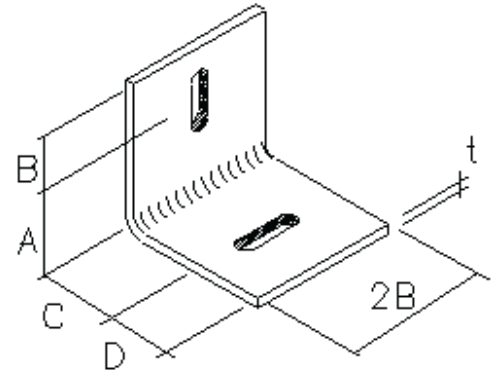


Holes & slots

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Holes in fittings are often slotted to increase tolerance. When used with sections that are cold-formed by bending, such as angles or channels, sufficient space must be allowed for washers to sit 'flat' before they meet the radius of the bend. The suggested values in the tables below are based on an internal bending radius of '2t' for the plate.

They also give the recommended edge distance to edges. The edge dimensions are nominally rounded up. The minimum dimensions are for detailing purposes only. Design requirements may increase the figures.



Minimum dimensions of slots, holes & washers

Bolt Dia	12	16	20	24	30
Hole Dia	14	18	22	26	32
Slot length	50	60	60	65	75
Square washer	30 sq x 4	35 sq x 4	45 sq x 4	50 sq x 4	60 sq x 5

Dimension 'A'

t = 8	63	65	70	73	81
t = 10	69	71	76	79	87
t = 12	75	77	82	85	93
t = 15	84	86	91	94	102

Dimension 'B'

All t	38	44	50	56	66
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Dimension 'C'

t = 8	44	47	52	54	59
t = 10	50	53	58	60	65
t = 12	56	59	64	66	71
t = 15	65	68	73	75	80

Dimension 'D'

All t	30	30	35	40	45
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Bolt Dia	12	16	20	24	30
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