

Abacus Shade Structures

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SPAN SHADE KNUCKLE SYSTEM



Code	Description	Post sizes mm OD			Price (ex GST)	kgs
		Leg	Rafter	Ridge		
SE	Standard Elbow	76	76		106.90	2
HDE	Heavy Duty Elbow	114	76		225.10	5
RK	Standard "Y" Ridge Knuckle		76	76	133.50	3
MY	Mega "Y" Ridge Knuckle		114	114	584.30	12
ME	Mega Elbow	219	114		765.20	12
SS	Standard Set: 4 Std Elbows/2 Std "Y" Ridge Knuckles	76	76	76	694.60	15
HDS	Heavy Duty Set: 4 HD Elbows/2 Std "Y" Ridge Knuckles	114	76	76	1,167.40	24
MS	Mega Set - 4 Mega Elbows/2 Mega "Y" Ridge Knuckles	219	114	114	4,229.40	72
SDJ	Double Joiner for standard span shade. (set of 2)	114	76		550.00	16
HDDJ	Double Joiner for heavy duty span shade. (set of 2)	165	219	76	825.00	25
steel	Custom spigots for non-typical post sizes				fr 250.00	12
MDJ	Double Joiner for mega span shade. (set of 2)	200 273 323	114		1,320.00	54
STP	Standard Tension Plate Set. (4 Plates, 4 M12 D toggle, 8 M12 trilobe bolts, 4 M12 nut, nyloc nut & washers.) For std or smaller HD structures				198.00	2
HDTP	Heavy Duty/Mega Tension Plate Set. (4 Plates, 4 M16 D toggle, 8 M12 tri bolts & 4 M16 nuts, nyloc nuts & washers)				264.00	4
S4	Square (4 point) Standard central knuckle		76		186.80	5
Steel	Custom square standard central knuckle		76		385.00	15
SM4	Square (4 point) Mega central knuckle		114		550.00	33
steel	Custom square Mega central knuckle		114		825.00	42
H6	Hexagonal (6 point) central knuckle	Square Centre	76	Hexagonal Centre	223.40	6
SKB	Knee braces - Standard (set of 4) 48OD x 750mm long				220.00	12
SKHD	Knee braces - Heavy duty (set of 4) 60OD x 900mm long				330.00	18
MKB	Knee braces for Mega span shade (set of 4) 60OD x 1600mm long				440.00	40
ACG	Anti climbing guards for posts.	small 100x300mm \$65.00		large 140x300mm \$75.00		

High tensile trilobe bolts are recommended for span shade structures.

Post wall sizes

76mm OD x 2.3mm extra light
114mm OD x 4.5mm med
219mm OD x 6.4mm

Free Cut Size Service

To simplify installation let us know post centre to centre measures & we'll advise of cut sizes for ridge & rafter CHS tube.

Spanshade kit orders taken

Abacus offers and recommends engineering for all Spanshade structures. Hytech Plastics Pty Ltd t/as Abacus Shade Structures will not be liable if the Spanshade knuckle system is not used in accordance with engineering specifications.