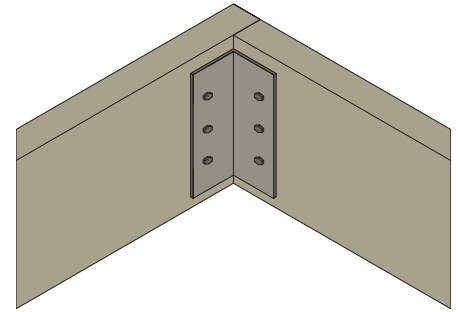


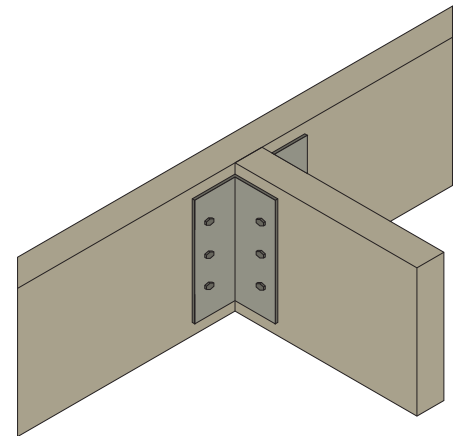
100x6 EA Cleat (Single)					
JD4 Supporting Beam to JD4 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	9.2	12.9	9.2	12.9
63mm	45mm	9.2	12.9	9.2	12.9
	63mm +	14.0	19.7	14.5	20.3
85mm+	45mm	9.2	12.9	9.2	12.9
	63mm +	14.5	20.3	14.5	20.3
JD3 Supporting Beam to JD3 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	10.0	14.1	12.5	17.6
63mm	45mm	12.5	17.6	12.5	17.6
	63mm +	14.0	19.7	17.4	24.4
85mm +	45mm	12.5	17.6	12.5	17.6
	63mm +	17.4	24.4	17.4	24.4



Category Reduction Factors		
1	2	3
1.00	0.94	0.88

Applied K ₁ Modification Factors	
Dead Load	0.57
Dead + Floor Live Load	0.69
Dead + Roof Live Load	0.77
Dead + Wind	1.14

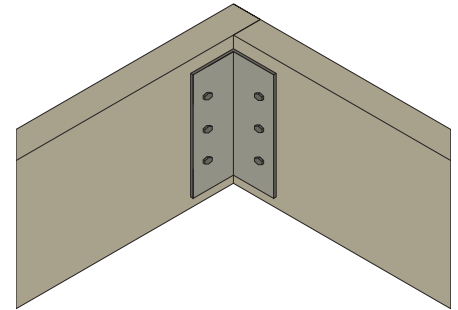
100x6 EA Cleat (Pair)					
JD4 Supporting Beam to JD4 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	9.2	12.9	11.4	16.0
63mm	45mm	9.2	12.9	12.3	17.2
	63mm +	12.9	18.1	16.0	22.4
85mm	45mm	9.2	12.9	12.3	17.2
	63mm	12.9	18.1	17.2	24.1
	85mm +	17.4	24.4	21.5	30.2
126mm	45mm	9.2	12.9	12.3	17.2
	63mm	12.9	18.1	17.2	24.1
	85mm	17.4	24.4	23.2	32.6
	126mm +	28.1	39.4	29.0	40.7
JD3 Supporting Beam to JD3 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm	10.0	14.1	11.4	16.0
63mm	45mm	12.5	17.6	16.0	22.4
	63mm+	14.0	19.7	16.0	22.4
85mm	45mm	12.5	17.6	16.7	23.5
	63mm	17.5	24.6	21.5	30.2
	85mm +	18.9	26.6	21.5	30.2
126mm	45mm	12.5	17.6	16.7	23.5
	63mm	17.5	18.8	23.4	32.9
	85mm	23.7	33.2	29.0	40.7
	126mm +	28.1	39.4	31.9	44.9



NOTES

1. Beams to be a min. of 295mm deep
2. All bolt holes to contain M12 bolts with 50mm Square or 55mm Round Washers
3. Values shown for Category 1 Residential per AS1720.1. Apply the applicable factors shown in their table where Category 2 or 3 is required
4. Values greater than shown may used if design confirmed by ITI for a suitably qualified design professional
5. Maximum shears are factored ultimate loads

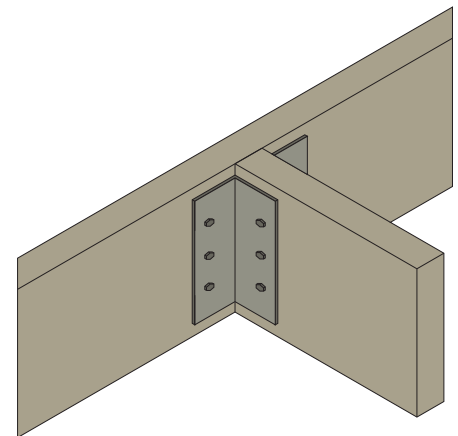
100x6 EA Cleat (Single)					
JD4 Supporting Beam to JD4 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	8.4	11.8	11.4	16.0
63mm	45mm +	11.8	16.6	12.3	17.2
		11.8	16.6	16.0	22.4
85mm+	45mm	12.3	17.2	12.3	17.2
	63mm +	16.0	22.4	20.6	29.0
JD3 Supporting Beam to JD3 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	8.4	11.8	11.4	16.0
63mm	45mm +	11.8	16.6	11.4	16.0
		11.8	16.6	16.0	22.4
85mm +	45mm	16.0	22.4	16.7	23.5
	63mm +	16.0	22.4	21.5	30.2



Category Reduction Factors		
1	2	3
1.00	0.94	0.88

Applied K ₁ Modification Factors	
Dead Load	0.57
Dead + Floor Live Load	0.69
Dead + Roof Live Load	0.77
Dead + Wind	1.14

100x6 EA Cleat (Pair)					
JD4 Supporting Beam to JD4 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm +	8.4	11.8	11.4	16.0
63mm	45mm	11.8	16.6	12.3	17.2
	63mm +	11.8	16.6	16.0	22.4
85mm	45mm	12.3	17.2	12.3	17.2
	63mm	16.0	22.4	17.2	24.1
	85mm +	16.0	22.4	21.5	30.2
126mm	45mm	12.3	17.2	12.3	17.2
	63mm	17.2	24.1	17.2	24.1
	85mm	23.2	32.6	23.2	32.6
	126mm +	23.7	33.2	29.0	40.7
JD3 Supporting Beam to JD3 Supported Beam (kN)					
Supporting Beam	Supported Beam	300mm Supported Beam		360+mm Supported Beam	
		DL	DL+LL	DL	DL+LL
45mm	45mm	8.4	11.8	11.4	16.0
63mm	45mm +	11.8	16.6	16.0	22.4
85mm	45mm	16.0	22.4	16.7	23.5
	63mm +	16.0	22.4	21.5	30.2
126mm	45mm	16.7	23.5	16.7	23.5
	63mm	23.4	32.9	23.4	32.9
	85mm	23.7	33.2	29.0	40.7
	126mm +	23.7	33.2	31.9	44.9



NOTES

1. Beams to be a min. of 295mm deep
2. All bolt holes to contain M16 bolts with 57mm Square or 65mm Round Washers
3. Values shown for Category 1 Residential per AS1720.1. Apply the applicable factors shown in their table where Category 2 or 3 is required
4. Values greater than shown may used if design confirmed by ITI for a suitably qualified design professional
5. Maximum shears are factored ultimate loads