



YOU'LL NEVER BE BETTER PROTECTED

Aluminium Safety Components Guide



● Kee Klamp steel version available

Single Socket Tee

L10



Type
L10-6
L10-7
L10-8
L10-9
L10-76

Straight Coupling

L14



Type
L14-6
L14-7
L14-8

Elbow

L15
90°



Type
L15-6
L15-7
L15-8
L15-9

Adjustable Side Outlet Tee

L19
60°-200°



Type
L19-6
L19-7
L19-8

Side Outlet Elbow

L20
90°



Type
L20-6
L20-7
L20-8

Side Outlet Tee

L21
90°



Type
L21-6
L21-7
L21-8

Three Socket Tee

L25



Type
L25-6
L25-7
L25-8
L25-9

Two Socket Cross

L26



Type
L26-6
L26-7
L26-8
L26-9

Single Socket Tee

L29
30°-60°



Type
L29-7
L29-8

Adjustable Cross

L30
30°-45°



Type
L30-7
L30-8

Three Socket Cross


L35



Type
L35-6
L35-7
L35-8

Four Socket Cross

L40



Type
L40-7
L40-8

Crossover

L45



Type
L45-6
L45-7
L45-76
L45-8

Combination Socket Tee and Crossover

L46



Type
L46-6

Single Swivel Socket

LC50*1



Type
LC50-66
LC50-77
LC50-88

Female Single Swivel Socket Member

LF50*1



Type
LF50-6
LF50-7
LF50-8

Male Single Swivel Socket Tee

LM50



Type
LM50-6
LM50-7
LM50-8

Double Swivel Socket

LC51



Type
LC51-666
LC51-777
LC51-888

Male Double Swivel Socket Member

LM51



Type
LM51-6
LM51-7
LM51-8

Corner Swivel Socket

LC52



Type
LC52-666
LC52-777
LC52-888

Male Corner Swivel Socket Member

LM52



Type
LM52-6
LM52-7
LM52-8

Adjustable Elbow

LB54
45°-200°



Type
LB54-66
LB54-77
LB54-88

Obtuse Angle Elbow


L55



Type
L55-7
L55-8

Variable Elbow

L55A



Type
L55A-7
L55A-8

<p>Acute Angle Elbow</p> <p>L56 30°-45°</p>  <p>Type L56-7 L56-8</p>	<p>Acute Angle Elbow</p> <p>L56A 11°-30°</p>  <p>Type L56A-7 L56A-8</p>	<p>Swivel Flange</p> <p>LC58*1*2</p>  <p>Type LC58-6 LC58-7 LC58-8</p>	<p>Swivel Flange Plate</p> <p>LM58</p>  <p>Type LMS58</p>
<p>Flange</p> <p>L61*3</p>  <p>Type L61-6 L61-7 L61-8</p>	<p>Standard Railing Flange</p> <p>L62</p>  <p>Type L62-6 L62-7 L62-8</p>	<p>Angle Base Flange</p> <p>L63 45°-60°</p>  <p>Type L63-7 L63-8</p>	<p>Angle Flange</p> <p>L67</p>  <p>Type L67-8</p>
<p>Wall Flange</p> <p>L68</p>  <p>Type L68-6 L68-7 L68-8</p>	<p>Railing Flange with Toeboard Adapter</p> <p>L69</p>  <p>Type L69-7 L69-8</p>	<p>Rail Support</p> <p>L70*4</p>  <p>Type L70-6 L70-7 L70-8</p>	<p>Metal Plug</p> <p>L84</p>  <p>Type L84-6 L84-7 L84-8</p>
<p>Swivel Tee</p> <p>L114</p>  <p>Type L114-6 L114-7 L114-8</p>	<p>Heavy Duty Rectangular Flange</p> <p>L148</p>  <p>Type L148-9/2 L148-9/4</p>	<p>Heavy Duty Four Hole Square Flange</p> <p>L150</p>  <p>Type L150-8</p>	<p>Four Hole Square Flange</p> <p>L152</p>  <p>Type L152-6 L152-7 L152-8</p>
<p>Smooth Handrail Fitting</p> <p>L160</p>  <p>Type L160-7 L160-8</p>	<p>Offset Wall Flange</p> <p>L164</p>  <p>Type L164-8</p>	<p>Round Base Flange</p> <p>L262</p>  <p>Type L262-7 L262-8</p>	<p>Left Hand Level to Sloping Down Side Outlet Elbow</p> <p>L320LH 30°-45°</p>  <p>Type L320LH-7 L320LH-8</p>

Warning!

- *1 **LC50 Single Swivel Socket, LF50 Female Single Swivel Socket Member and LC58 Swivel Flange** Swivel fittings are not designed to resist bending loads. A structure should not be designed entirely of swivel fittings as they will not provide sufficient stability for the structure.
- *2 **LC58 Swivel Flange** This fitting is not recommended for use as a base flange to support guardrail or balustrades.
- *3 **L61 Flange** It is not recommended for use as a base flange to support guardrail or balustrades (see Type L62).
- *4 **L70 Rail Support** Type L70 fittings are not designed to be used as base flanges for full height guardrails or handrails.

● Kee Klamp steel version available



Components for Safety Barrier Solutions

- Kee Lite aluminium fittings are designed to suit BS EN 755 tube
- Kee Lite Fittings are made from high grade Aluminium Silicon Magnesium Alloy
- Recommended set screw torque is 39Nm
- Minimum slip load capacity on aluminium tube: 7.56kN. (safety factor = 2 with tube having a minimum UTS of 275 N/mm)
- Large grub screws are designed to resist thread stripping
- For highly corrosive environments, stainless steel grub screws are available at a small additional charge



- A Description**
- B Fitting**
- C Angle**
- D Type:**
Fitting-Size/Number of fixing holes

Fitting (Ref.)	Nom. bore (mm)	Tube diameter	
		(o.d. mm)	(i.d. mm)
6	25	33.7	35
7	32	42.4	43.5
8	40	48.3	49.5
9	51	60.3	61.5

Gaskets

BS6180:1999 (specification for guardrail in and around buildings) states that when Aluminium comes into contact with concrete the aluminium surface should have at least 2 coats of Bituminous paint applied.

The simple alternative is to use a standard Kee Lite rubber gasket.

LG58	LG62-7	LG68-8	LG70-7	LG152-6
LG61-6	LG62-8	LG69-7	LG70-8	LG152-7
LG61-7	LG68-6	LG69-8	LG148-9	LG152-8
LG61-8	LG68-7	LG70-6	LG150-8	LG164-8
LG62-6				



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