



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