

# Kee Lite® Safety Components Guide

L84



TYPE  
L84-6  
L84-7  
L84-8

PLUG

L114



TYPE  
L114-6  
L114-7  
L114-8

SWIVEL TEE

L148



TYPE  
L148-9/2  
L148-9/4  
(/2 & /4 refer to the number of fixing holes)

HEAVY DUTY  
RECTANGULAR  
FLANGE

L150



TYPE  
L150-8

HEAVY DUTY  
4 HOLE  
SQUARE  
FLANGE

L152



TYPE  
L152-6  
L152-7  
L152-8

4 HOLE  
SQUARE  
FLANGE

L160



TYPE  
L160-7  
L160-8

SMOOTH  
HANDRAIL  
FITTING

L164



TYPE  
L164-8

OFFSET  
WALL  
FLANGE

## Kee Lite® Technical Information

- 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<sup>2</sup>).
- Large grub screws are designed to resist thread stripping
- The core range of Kee Lite Fittings has undergone independent testing by TUV. For current detail of the approved fittings go to [www.keesafety.co.uk](http://www.keesafety.co.uk)

## Kee Lite® Reference Chart

Kee Lite® Fitting Ref.	Nom. Bore mm	Tube Dia. O.D. mm	Fitting 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.

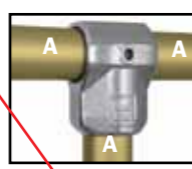
LG58	LG61-8	LG62-8	LG68-8	LG70-6	LG148-9	LG152-7
LG61-6	LG62-6	LG68-6	LG69-7	LG70-7	LG150-8	LG152-8
LG61-7	LG62-7	LG68-7	LG69-8	LG70-8	LG152-6	LG164-8

For highly corrosive environments, stainless steel grub screws are available at a small additional charge. **Kee Lite aluminium fittings are designed to suit BS EN 755 tube.**

## Specifying Kee Lite® Fittings

Each fitting has a simple code reference, which defines the type of fitting and the tube size, or sizes, it is designed to receive. The first part, preceding the dash (-) identifies the type of Kee Lite® fitting. A digit, following the dash, defines tube size.

Example:  
**L10-8**



Kee Lite® Fitting Type **L10**

All three sockets designed to accept tube size **8**



YOU'LL NEVER BE BETTER PROTECTED

# Safety Components Guide



- HIGH CORROSION RESISTANCE
- LIGHTWEIGHT VERSATILITY
- NO WELDING, THREADING OR BOLTING REQUIRED



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# Kee Lite® Safety Components Guide

L10



TYPE  
L10-6  
L10-7  
L10-8  
L10-9

**SINGLE  
SOCKET TEE**

L14



TYPE  
L14-6  
L14-7  
L14-8

**STRAIGHT  
COUPLING**

L15



TYPE  
L15-6  
L15-7  
L15-8  
L15-9

**90° ELBOW**

L19



TYPE  
L19-6  
L19-7  
L19-8

**ADJUSTABLE  
SIDE OUTLET  
TEE**

L20



TYPE  
L20-6  
L20-7  
L20-8

**SIDE OUTLET  
ELBOW**

L21



TYPE  
L21-6  
L21-7  
L21-8

**90° SIDE  
OUTLET TEE**

L25



TYPE  
L25-6  
L25-7  
L25-8  
L25-9

**THREE SOCKET  
TEE**

L26



TYPE  
L26-6  
L26-7  
L26-8  
L26-9

**TWO SOCKET  
CROSS**

L29



TYPE  
L29-7  
L29-8

**30° TO 60°  
SINGLE  
SOCKET TEE**

L30



TYPE  
L30-7  
L30-8

**30° TO 45°  
ADJUSTABLE  
CROSS**

L35



TYPE  
L35-6

**THREE SOCKET  
CROSS**

L45



TYPE  
L45-6  
L45-7  
L45-8

**CROSSOVER**

L46



TYPE  
L46-6

**COMBINATION  
SOCKET  
TEE AND  
CROSSOVER**

LC50



TYPE  
LC50-66  
LC50-77  
LC50-88

**SINGLE SWIVEL  
SOCKET**

LF50



TYPE  
LF50-6  
LF50-7  
LF50-8

**FEMALE  
SINGLE SWIVEL  
SOCKET  
MEMBER**

# Kee Lite® Safety Components Guide

LM50



TYPE  
LM50-6  
LM50-7  
LM50-8

**MALE SINGLE  
SWIVEL  
SOCKET  
MEMBER**

LC51



TYPE  
LC51-666  
LC51-777  
LC51-888

**DOUBLE  
SWIVEL  
SOCKET**

LM51



TYPE  
LM51-6  
LM51-7  
LM51-8

**MALE DOUBLE  
SWIVEL  
SOCKET  
MEMBER**

LC52



TYPE  
LC52-666  
LC52-777  
LC52-888

**90° CORNER  
SWIVEL  
SOCKET**

LM52



TYPE  
LM52-6  
LM52-7  
LM52-8

**90° MALE  
CORNER  
SWIVEL  
SOCKET**

LB54



TYPE  
LB54-66  
LB54-77  
LB54-88

**ADJUSTABLE  
ELBOW**

LC58



TYPE  
LC58-6  
LC58-7  
LC58-8

**SWIVEL  
FLANGE**

LM58



TYPE  
LM58

**BASE PLATE**

L61



TYPE  
L61-6  
L61-7  
L61-8

**FLANGE**

L62



TYPE  
L62-6  
L62-7  
L62-8

**STANDARD  
RAILING  
FLANGE**

L63



TYPE  
L63-8

**ANGLE BASE  
FLANGE**

L67



TYPE  
L67-8

**ANGLE  
FLANGE**

L68



TYPE  
L68-6  
L68-7  
L68-8

**WALL FLANGE**

L69



TYPE  
L69-7  
L69-8

**FLANGE WITH  
TOEBOARD  
ADAPTOR**

L70



TYPE  
L70-6  
L70-7  
L70-8

**RAIL SUPPORT**