



YOU'LL NEVER BE BETTER PROTECTED

Safety Components Guide



- DESIGNED TO SUIT BS EN 10255 (ISO 65) STEEL TUBES FROM SIZES 13.5mm TO 60.3mm
- GALVANISED TO BS EN ISO 1461 OR AVAILABLE WITH POLYESTER COATING IN ANY RAL COLOUR
- FLEXIBLE SOLUTIONS FOR ALL TYPES OF SAFETY BARRIERS AND STRUCTURES
- WIDEST PRODUCT RANGE AVAILABLE



04/2019

Kee Klamp® Safety Components Guide

P50



TYPE
P50-8

OFFSET FLANGE

C51



TYPE C51-777
C51-555 C51-888
C51-666 C51-999

**DOUBLE
SWIVEL SOCKET**

M51



TYPE M51-7
M51-5 M51-8
M51-6 M51-9

**MALE DOUBLE
SWIVEL
SOCKET
MEMBER**

MH51



TYPE
MH51-6

**MALE
DOUBLE
HORIZONTAL
SOCKET**

P51



TYPE
P51-8

**TWO OFFSET
FLANGES**

C52



TYPE C52-555 C52-777
C52-666 C52-888

**CORNER
SWIVEL SOCKET**

M52



TYPE M52-5 M52-7
M52-6 M52-8

**MALE CORNER
SWIVEL SOCKET
MEMBER**

BC53



TYPE
BC53-8

**SWIVEL
ELBOW**

55



TYPE
55-6
55-7
55-8

**OBTUSE
ANGLE
ELBOW**

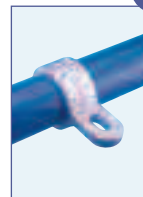
56



TYPE
56-8

**ACUTE
ANGLE
ELBOW**

P57



TYPE
P57-8

**CENTRAL
FLANGE**

P57E



TYPE
P57E-7

**ELONGATED
CENTRAL
FLANGE**

C58



TYPE C58-5 C58-8
C58-6 C58-9
C58-7

**SWIVEL
FLANGE**

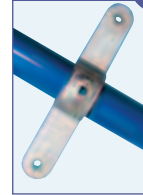
M58



TYPE
M58

BASE PLATE

P58



TYPE
P58-7

**DOUBLE
CENTRAL
FLANGE**

59



TYPE 59-5 59-8
59-6 59-9
59-7

**SPIGOT
FLANGE**

60



TYPE 60-5 60-7
60-6 60-8

**EXTRA HEAVY
FLANGE**

61



TYPE 61-3 61-7
61-4 61-8
61-5 61-9
61-6

FLANGE

62



TYPE 62-2 62-7
62-5 62-8
62-6 62-9

**STANDARD
RAILING
FLANGE**

63



TYPE 63-6
63-7
63-8

**ANGLE BASE
FLANGE**

64



TYPE
64-6
64-7
64-8

**STANDARD
VERTICAL
RAILING BASE**

65



TYPE
65-6

**STANDARD
HORIZONTAL
RAILING BASE**

66



TYPE
66-6
66-7
66-8

**GROUND
SOCKET**

67



TYPE
67-7
67-8

**ANGLE
FLANGE**

68



TYPE
68-6
68-7
68-8

**WALL
FLANGE**

69



TYPE 69-6 69-8
69-7

**RAILING FLANGE
WITH TOEBOARD
ADAPTOR**

70



TYPE 70-5 70-7
70-6 70-8

**RAIL
SUPPORT**

71



TYPE
71-6
71-7
71-8

WEATHER CAP

72



TYPE
72-8

**STAIR TREAD
SUPPORT**

75



TYPE 75-4 75-7
75-5 75-8
75-6

COLLAR

76



TYPE 76-5 76-7
76-6 76-8

HOOK




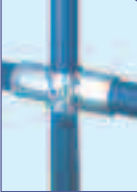




















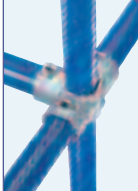







77



TYPE 77-4 77-7
77-5 77-8
77-6 77-9
















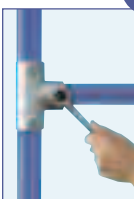












**PLASTIC
PLUG**

Kee Klamp® Safety Components Guide

A10  TYPE A10-7 A10-8 SPLIT TEE	A12  TYPE A12-8 45° SPLIT TEE	A21  TYPE A21-8 SPLIT CORNER CROSS	A26  TYPE A26-8 SPLIT CROSS
A35  TYPE A35-8 SPLIT TEE CROSSOVER	A40  TYPE A40-8 SPLIT 4 SOCKET CROSS	A45  TYPE A45-7 A45-8 SPLIT CROSSOVER	10  TYPE 10-7 10-75 10-2 10-76 10-3 10-78 10-4 10-8 10-5 10-87 10-6 10-87 10-65 10-9 10-67 10-98 SINGLE SOCKET TEE
12  TYPE 12-5 12-7 12-6 12-8 45° SINGLE SOCKET TEE	14  TYPE 14-4 14-7 14-5 14-8 14-6 14-9 STRAIGHT COUPLING	15  TYPE 15-4 15-7 15-5 15-8 15-6 15-9 90° ELBOW	16  TYPE 16-7 16-8 16-5 16-8 16-6 16-9 CLAMP-ON TEE
17  TYPE 17-5 17-8 17-6 17-9 17-7 CLAMP-ON CROSS OVER	18  TYPE 18-6 18-7 18-7 18-8 18-8 INTERNAL COUPLING	19  TYPE * 19-5 19-8 19-6 19-85 19-7 19-9 ADJUSTABLE SIDE OUTLET TEE	20  TYPE 20-4 20-7 20-5 20-8 20-6 20-9 SIDE OUT-LET ELBOW
21  TYPE 21-4 21-7 21-5 21-8 21-6 21-9 90° SIDE OUTLET TEE	25  TYPE 25-4 25-7 25-5 25-8 25-6 25-9 THREE SOCKET TEE	26  TYPE 26-4 26-8 26-5 26-87 26-6 26-9 TWO SOCKET CROSS	27  TYPE ** 27-6 27-8 27-7 0°- 45° THREE SOCKET CUSTOM TEE
28  TYPE ** 28-6 28-8 28-7 0°- 45° FOUR SOCKET CUSTOM CROSS	29  TYPE 29-6 29-7 29-7 29-8 29-8 30°- 60° SINGLE SOCKET TEE	30  TYPE 30-6 30-7 30-7 30-8 30-8 30°- 45° ADJUSTABLE CROSS	31  TYPE 31-8 PALLET FLANGE
35  TYPE 35-4 35-7 35-5 35-8 35-6 35-9 THREE SOCKET CROSS	40  TYPE 40-4 40-7 40-5 40-8 40-6 40-9 FOUR SOCKET CROSS	45  TYPE 45-2 45-7 45-3 45-8 45-4 45-86 45-5 45-87 45-6 45-9 45-65 45-98 CROSSOVER	46  TYPE 46-4 46-7 46-5 46-8 46-6 46-9 COMBINATION SOCKET TEE & CROSSOVER
C50  TYPE C50-44 C50-77 C50-55 C50-88 C50-66 C50-99 SINGLE SWIVEL SOCKET	F50  TYPE F50-4 F50-7 F50-5 F50-8 F50-6 F50-9 FEMALE SINGLE SOCKET MEMBER	M50  TYPE M50-4 M50-7 M50-5 M50-8 M50-6 M50-9 MALE SINGLE SOCKET MEMBER	MH50  TYPE MH50-6 MALE SINGLE HORIZONTAL SOCKET

* Normally used in pairs but sold and priced separately.

** These Fittings require machining to customer specifications.

 <p>78</p> <p>TYPE 78-5 78-7 78-6 78-8</p> <p>EYE FITTING</p>	 <p>79</p> <p>TYPE 79-7</p> <p>SHEETING CLIP</p>	 <p>81</p> <p>TYPE 81-7 81-5 81-8 81-6 81-9</p> <p>SINGLE SIDED CLIP</p>	 <p>82</p> <p>TYPE 82-7 82-5 82-8 82-6 82-9</p> <p>DOUBLE SIDED CLIP</p>	 <p>83</p> <p>TYPE 83-5 83-7 83-6 83-8</p> <p>PIN FITTING</p>																											
 <p>84</p> <p>TYPE 84-7 84-5 84-8 84-6 84-9</p> <p>MALLEABLE PLUG</p>	 <p>86</p> <p>TYPE 86-7 86-8 86-8</p> <p>+/- 11°</p> <p>ANGLE TEE</p>	 <p>87</p> <p>TYPE 87-7 87-8 87-8</p> <p>+/- 11°</p> <p>ANGLE ELBOW</p>	 <p>88</p> <p>TYPE 88-7 88-8 88-8</p> <p>+/- 11°</p> <p>THREE SOCKET ANGLE TEE</p>	 <p>89</p> <p>TYPE 89-7 89-8 89-8</p> <p>+/- 11°</p> <p>TWO SOCKET ANGLE CROSS</p>																											
 <p>90</p> <p>TYPE 90-8</p> <p>+/- 7°</p> <p>PGR THREE SOCKET TEE</p>	 <p>91</p> <p>TYPE 91-8</p> <p>+/- 7°</p> <p>PGR TWO SOCKET CROSS</p>	 <p>92</p> <p>TYPE 92-8</p> <p>+/- 7°</p> <p>PGR ELBOW</p>	 <p>93</p> <p>TYPE 93-8</p> <p>+/- 7°</p> <p>PGR TEE</p>	 <p>95</p> <p>TYPE 95-8</p> <p>PGR INTERNAL SPIGOT</p>																											
 <p>98</p> <p>TYPE 98-5 98-8 98-6 98-9 98-7</p> <p>RATCHET</p>	 <p>99</p> <p>TYPE 99-2 99-6 99-3 99-7 99-4 99-8 99-5 99-9</p> <p>HEX KEY</p>	 <p>100</p> <p>TYPE 100-5 100-8 100-6 100-9 100-7</p> <p>PLASTIC SET SCREW CAPS</p>	 <p>105</p> <p>TYPE 105-6 105-8 105-7 105-9</p> <p>PROFILED OR FLAT SHEETTING CLIP</p>	 <p>114</p> <p>TYPE 114-2 114-7 114-6 114-8</p> <p>SWIVEL TEE</p>																											
 <p>115</p> <p>TYPE 115-6 115-8 115-7</p> <p>HORIZONTAL RAILING BASE</p>	 <p>S115</p> <p>TYPE S115</p> <p>PACKER PLATE FOR TYPE 115</p>	 <p>118</p> <p>TYPE 118-8</p> <p>COVER FLANGE</p>	 <p>121</p> <p>TYPE 121-7</p> <p>CORNER CROSSOVER</p>	 <p>145</p> <p>TYPE 145-7</p> <p>CROSSOVER COUPLING</p>																											
 <p>265</p> <p>TYPE 265-7 265-8</p> <p>OFFSET RAILING BASE</p>	 <p>350</p> <p>TYPE 350-8</p> <p>EAVES FITTING</p>	 <p>351</p> <p>TYPE 351-8</p> <p>RIDGE FITTING</p>	<table><tr><th>Kee Klamp Fittings Size</th><th>Tube Diameter mm o/d</th><th>Nominal Bore mm in</th></tr><tr><td>2</td><td>13.5</td><td>8 1/4"</td></tr><tr><td>3</td><td>17.5</td><td>10 3/8"</td></tr><tr><td>4</td><td>21.3</td><td>15 1/2"</td></tr><tr><td>5</td><td>26.9</td><td>20 3/4"</td></tr><tr><td>6</td><td>33.7</td><td>25 1"</td></tr><tr><td>7</td><td>42.4</td><td>32 1 1/4"</td></tr><tr><td>8</td><td>48.3</td><td>40 1 1/2"</td></tr><tr><td>9</td><td>60.3</td><td>50 2"</td></tr></table>		Kee Klamp Fittings Size	Tube Diameter mm o/d	Nominal Bore mm in	2	13.5	8 1/4"	3	17.5	10 3/8"	4	21.3	15 1/2"	5	26.9	20 3/4"	6	33.7	25 1"	7	42.4	32 1 1/4"	8	48.3	40 1 1/2"	9	60.3	50 2"
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7	42.4	32 1 1/4"																													
8	48.3	40 1 1/2"																													
9	60.3	50 2"																													

Specifying Kee Klamp® Components

Each fitting has a simple numerical code reference, which defines the type of fitting and the pipe size, or sizes, it is designed to receive. The first number, preceeding the dash (-) identifies the type of Kee Klamp fitting. A single digit, following the dash, defines pipe size. Two single digits after the dash indicate that the fitting is designed to receive two sizes of pipe.

Examples:

10-8

Kee Klamp Fitting Type **10**

Both sockets 'A' and 'B' designed to accept pipe size **8**

45-76

Socket 'A' designed to accept pipe size **7**
Socket 'B' designed to accept pipe size **6**

Kee Klamp Fitting Type **45**



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www.keesafety.com

Kee Lite® Safety Components Guide

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/mm²).
- 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

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

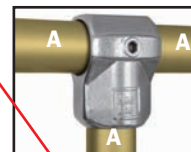
For highly corrosive environments, stainless steel grub screws are available at a small additional charge. **Kee Lite aluminium fittings are designed to suit BS EN 755 tube.**

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**



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YOU'LL NEVER BE BETTER PROTECTED

Safety Components Guide



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

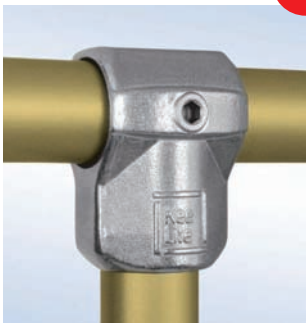


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KL/SCG_v3/12_12

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**

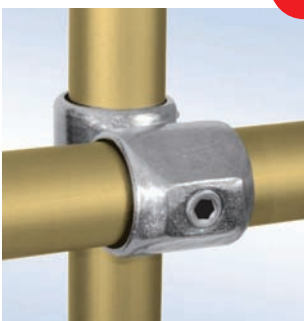
L35



TYPE
L35-6

**THREE SOCKET
CROSS**

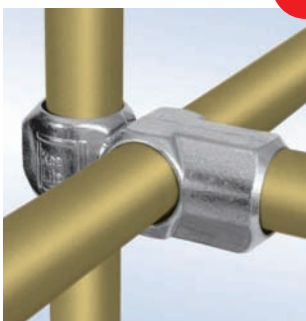
L45



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**

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

L84



TYPE
L84-6
L84-7
L84-8

PLUG

L114



TYPE
L114-6
L114-7
L114-8

SWIVEL TEE