



- 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

### 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' is designed to accept pipe size **6**

Kee Klamp Fitting Type **45**

Kee Klamp Fittings Size	Tube Diameter (in mm, o.d.)	Nominal Bore (mm)	Nominal Bore (inches)
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"

### Basic level construction



**10**  
SINGLE  
SOCKET TEE

TYPE  
10-2 10-7  
10-3 10-76  
10-4 10-78  
10-5 10-8  
10-6 10-87  
10-65 10-9  
10-67 10-98



**15**  
90° ELBOW

TYPE  
15-4  
15-5  
15-6  
15-7  
15-8  
15-9



**20**  
SIDE OUTLET  
ELBOW

TYPE  
20-4  
20-5  
20-6  
20-7  
20-8  
20-9



**21**  
90° SIDE  
OUTLET TEE

TYPE  
21-4  
21-5  
21-6  
21-7  
21-8  
21-9



**25**  
THREE  
SOCKET TEE

TYPE  
25-4  
25-5  
25-6  
25-7  
25-8  
25-9



**26**  
TWO SOCKET  
CROSS

TYPE  
26-4  
26-5  
26-6  
26-7  
26-8  
26-87  
26-9

### Ramps



**67**  
ANGLE  
FLANGE

TYPE  
67-7  
67-8



**86**  
ANGLE TEE

TYPE  
86-7  
86-8  
+/- 11°



**87**  
ANGLE ELBOW

TYPE  
87-7  
87-8  
+/- 11°



**88**  
THREE SOCKET  
ANGLE TEE

TYPE  
88-7  
88-8  
+/- 11°



**89**  
TWO SOCKET  
ANGLE CROSS

TYPE  
89-7  
89-8  
+/- 11°

## Stairs



**27**  
0°-45° THREE SOCKET  
CUSTOM TEE

TYPE \*\*  
TYPE  
27-6  
27-7  
27-8



**28**  
0°-45° FOUR SOCKET  
CUSTOM CROSS

TYPE \*\*  
28-6  
28-7  
28-8



**29**  
30°-60° SINGLE  
SOCKET TEE

TYPE  
29-6  
29-7  
29-8



**30**  
30°-45°  
ADJUSTABLE CROSS

TYPE  
30-6  
30-7  
30-8

## Side Fix Fittings



**64**  
STANDARD VERTICAL  
RAILING BASE

TYPE  
64-6  
64-7  
64-8



**65**  
STANDARD HORIZONTAL  
RAILING BASE

TYPE  
65-6



**68**  
WALL FLANGE

TYPE  
68-6  
68-7  
68-8



**115**  
HORIZONTAL  
RAILING BASE

TYPE  
115-6  
115-7  
115-8



**265**  
OFFSET RAILING  
BASE

TYPE  
265-7  
265-8

## Ground Fix Fittings



**62**  
STANDARD  
RAILING FLANGE

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



**63**  
ANGLE BASE  
FLANGE

TYPE  
63-6  
63-7  
63-8



**66**  
GROUND  
SOCKET

TYPE  
66-6  
66-7  
66-8



**67**  
ANGLE  
FLANGE

TYPE  
67-7  
67-8



**69**  
RAILING FLANGE WITH  
TOEBOARD ADAPTOR

TYPE  
69-6  
69-7  
69-8

## Add on Fittings

Extend/modify an existing structure without dismantling



**A10**  
SPLIT TEE

TYPE  
A10-7  
A10-8



**A12**  
45° SPLIT TEE

TYPE  
A12-8



**A21**  
SPLIT CORNER  
CROSS

TYPE  
A21-8



**A26**  
SPLIT CROSS

TYPE  
A26-8



**A35**  
SPLIT TEE  
CROSSOVER

TYPE  
A35-8



**A40**  
SPLIT FOUR  
SOCKET CROSS

TYPE  
A40-8



**A45**  
SPLIT  
CROSSOVER

TYPE  
A45-7  
A45-8

## Additional Fittings



**12**  
45° SINGLE SOCKET TEE

TYPE  
12-5  
12-6  
12-7  
12-8



**14**  
STRAIGHT COUPLING

TYPE  
A10-7  
A10-8



**16**  
CLAMP-ON TEE

TYPE  
16-5  
16-6  
16-7  
16-8  
16-9



**17**  
CLAMP-ON CROSS OVER

TYPE  
17-5  
17-6  
17-7  
17-8  
17-9

Fittings marked \*\* require machining to customer specifications.

<b>18</b>  <b>INTERNAL COUPLING</b>	<b>19</b>  <b>ADJUSTABLE SIDE OUTLET TEE</b>	<b>35</b>  <b>THREE SOCKET CROSS</b>	<b>40</b>  <b>FOUR SOCKET CROSS</b>	<b>45</b>  <b>CROSSOVER</b>
<b>46</b>  <b>COMBINATION SOCKET TEE &amp; CROSSOVER</b>	<b>C50</b>  <b>SINGLE SWIVEL SOCKET</b>	<b>F50</b>  <b>FEMALE SINGLE SOCKET MEMBER</b>	<b>M50</b>  <b>MALE SINGLE SOCKET MEMBER</b>	<b>MH50</b>  <b>MALE SINGLE HORIZONTAL SOCKET</b>
<b>P50</b>  <b>OFFSET FLANGE</b>	<b>C51</b>  <b>DOUBLE SWIVEL SOCKET</b>	<b>M51</b>  <b>MALE DOUBLE SWIVEL SOCKET MEMBER</b>	<b>P51</b>  <b>TWO OFFSET FLANGES</b>	<b>C52</b>  <b>CORNER SWIVEL SOCKET</b>
<b>M52</b>  <b>MALE CORNER SWIVEL SOCKET MEMBER</b>	<b>BC53</b>  <b>SWIVEL ELBOW</b>	<b>55</b>  <b>OBTUSE ANGLE ELBOW</b>	<b>56</b>  <b>ACUTE ANGLE ELBOW</b>	<b>P57</b>  <b>CENTRAL FLANGE</b>
<b>C58</b>  <b>SWIVEL FLANGE</b>	<b>M58</b>  <b>BASE PLATE</b>	<b>61</b>  <b>FLANGE</b>	<b>70</b>  <b>RAIL SUPPORT</b>	<b>71</b>  <b>WEATHER CAP</b>
<b>75</b>  <b>COLLAR</b>	<b>76</b>  <b>HOOK</b>	<b>77</b>  <b>PLASTIC PLUG</b>	<b>78</b>  <b>EYE FITTING</b>	<b>81</b>  <b>SINGLE SIDED CLIP</b>

Fittings marked \* are normally used in pairs but sold and priced separately.



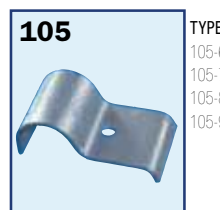
**DOUBLE  
SIDED CLIP**



**PIN FITTING**



**MALLEABLE  
PLUG**



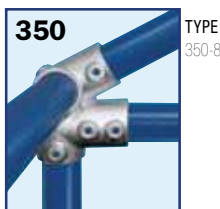
**PROFILED OR FLAT  
SHEETING CLIP**



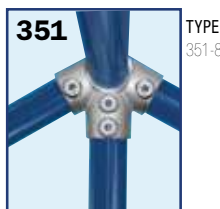
**SWIVEL TEE**



**COVER FLANGE**



**EAVES FITTING**



**RIDGE FITTING**



- MEETS THE REQUIREMENTS OF BUILDING REGULATIONS PART M & BS 8300
- EXISTING HANDRAILS FOR RAMPS OR STEPS MAY BE RETRO FITTED WITH THIS SYSTEM
- AVAILABLE IN ALL RAL COLOURS TO CONTRAST WITH THE SURROUNDINGS
- OPTIONAL ANTI-BACTERIAL COATING AVAILABLE



**Wall Mounted  
End return**



**Wall Mounted  
Handrail Bracket**



**Handrail  
Bracket**



**Twin Handrail  
Socket Capped**



**Twin Handrail  
Socket**



**Single Handrail  
Socket Capped**



**Single Handrail  
Socket**



**Add-on Single  
Handrail Socket**



**Variable Angle**



**End Post  
Handrail Return**



**Split Elbow**



**90° Solid Elbow**



**Tube and**



**Metal Upright**



**Wall Flange**



**In-Line Top Rail**



[www.keesafety.com/uk](http://www.keesafety.com/uk)





Kee Safety is a leading global supplier of tubular fittings and bespoke systems for handrails, barriers, roof edge protection, fall prevention and anchor devices. Established in the UK in 1934, the range has expanded from its original **Kee Klamp** products into a portfolio of safety equipment, all designed to separate people from hazards.

[www.keesafety.com/uk](http://www.keesafety.com/uk).



#### Aluminium Components for Safety Barrier Solutions

**Kee Lite** aluminium fittings offer flexible solutions for the construction of high corrosion resistance safety railing, handrail, guardrail and barriers.



#### The Safety Solution for Stainless Steel Balustrades

**Kee Stainless** is a modular stainless steel tube and component system for use in the construction of balustrades and handrails.



#### The Safety Solution for Free Standing Roof Edge Protection

A free standing roof edge protection system that does not penetrate the roof membrane. **KeeGuard** is fully tested and meets or exceeds current roof top safety requirements.



#### The Safety Solution for a Portable Deadweight Anchor

A modular dead weight anchor fall prevention system, for use with Personal Protection Equipment. The **Kee Anchor** product group includes **Weightanka**, **Wireanka** and **Accessanka** product options.

