

▼ **StreetKlamp safety barrier system**

Simple to design and specify, the modular StreetKlamp system securely joins standard sizes of structural steel tube in almost any configuration you can imagine. Assembled on site, StreetKlamp guardrailing will accommodate most variations between design drawings and site requirements.

The StreetKlamp system is cost-effective to install, with low skill, no welding and no special tools required. All fittings slip over tube and can be adjusted to the required level and positioned before tightening with a simple Hex key.

IN LINE CONSTRUCTION

Level
The universal guardrailing solution.







Ramps
Unique 0 to 11° range for in-line construction. Non-Handed fittings allow consistent alignment of grub screws.







Stairs
Maximum Strength. Minimum installation time and cost.







Pedestrian Guardrailing
Complies with BS7818 Clause 2.4. Each railing is individually replaceable offering large cost savings when repair is necessary.





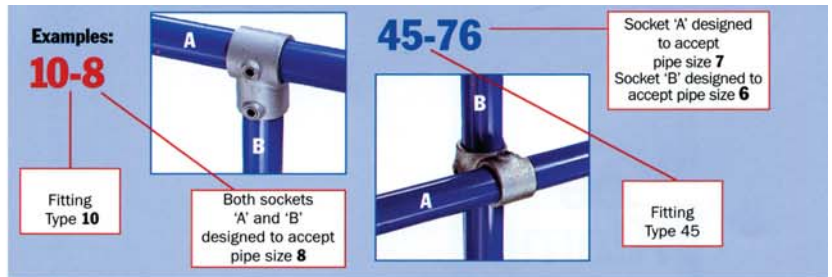
90 Series fittings accommodate slopes up to 7° and radii greater than 6m without bending.



▼ **StreetKlamp safety barrier system (continued)**

► **Specifying StreetKlamp fittings**

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, preceding the dash, identifies the type of StreetKlamp fitting. A single digit following the dash defines pipe size. Two digits following the dash indicate that the fitting is designed to receive two sizes of pipe. The StreetKlamp pipe size codes are shown on page 57.



* indicates normally used in pairs but sold & priced separately

 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 10-2 10-75 10-3 10-76 10-4 10-78 10-5 10-8 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 16-5 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 18-8 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 OUTLET 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 26-7 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° THREE SOCKET CUSTOM CROSS	 29 TYPE 29-6 29-7 29-8 30° - 60° SINGLE SOCKET TEE	 30 TYPE 30-6 30-7 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 SIDE OUTLET TEE
 40 TYPE 40-4 40-7 40-5 40-8 40-6 40-9 FOUR SOCKET CROSS	 45 TYPE 45-7 45-2 45-76 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	 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

▼ **Handrailing - StreetKlamp safety barrier system (continued)**

<p>55</p>  <p>TYPE 55-6 55-7 55-8</p> <p>OBTUSE ANGLE ELBOW</p>	<p>56</p>  <p>TYPE 56-8</p> <p>ACUTE ANGLE ELBOW</p>	<p>P57</p>  <p>TYPE P57-7 P57-8</p> <p>CENTRAL FLANGE</p>	<p>C58</p>  <p>TYPE C58-5 C58-8 C58-6 C58-9 C58-7</p> <p>SWIVEL FLANGE</p>	<p>M58</p>  <p>TYPE M58</p> <p>BASE PLATE</p>
<p>59</p>  <p>TYPE 59-5 59-8 59-6 59-9 59-7</p> <p>SPIGOT FLANGE</p>	<p>60</p>  <p>TYPE 60-5 60-7 60-6 60-8</p> <p>EXTRA HEAVY FLANGE</p>	<p>61</p>  <p>TYPE 61-3 61-7 61-4 61-8 61-5 61-9 61-6</p> <p>FLANGE</p>	<p>62</p>  <p>TYPE 62-2 62-7 62-5 62-8 62-6 62-9</p> <p>STANDARD RAILING FLANGE</p>	<p>63</p>  <p>TYPE 63-6</p> <p>ANGLE BASE FLANGE</p>
<p>64</p>  <p>TYPE 64-7 64-6 64-8</p> <p>STANDARD VERTICAL RAILING BASE</p>	<p>65</p>  <p>TYPE 65-6</p> <p>STANDARD HORIZONTAL RAILING BASE</p>	<p>66</p>  <p>TYPE 66-6 66-7 66-8</p> <p>GROUND SOCKET</p>	<p>67</p>  <p>TYPE 67-8</p> <p>ANGLE FLANGE</p>	<p>68</p>  <p>TYPE 68-6 68-7 68-8</p> <p>WALL FLANGE</p>
<p>69</p>  <p>TYPE 69-7 69-8</p> <p>BASE FLANGE & KICK PLATE</p>	<p>70</p>  <p>TYPE 70-5 70-7 70-6 70-8</p> <p>RAIL SUPPORT</p>	<p>71</p>  <p>TYPE 71-6 71-7 71-8</p> <p>WEATHER CAP</p>	<p>72</p>  <p>TYPE 72-8</p> <p>STAIR TREAD SUPPORT</p>	<p>75</p>  <p>TYPE 75-4 75-7 75-5 75-8 75-6</p> <p>COLLAR</p>
<p>76</p>  <p>TYPE 76-5 76-7 76-6 76-8</p> <p>HOOK</p>	<p>77</p>  <p>TYPE 77-4 77-7 77-5 77-8 77-6 77-9</p> <p>PLASTIC PLUG</p>	<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 81-8 81-5 81-8 81-6 81-9</p> <p>SINGLE SIDED CLIP</p>
<p>82</p>  <p>TYPE 82-7 82-8 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 84-8 84-5 84-8 84-6 84-9</p> <p>MALLEABLE PLUG</p>	<p>86</p>  <p>TYPE 86-8 +/- 11°</p> <p>ANGLE TEE</p>	<p>87</p>  <p>TYPE 87-8 +/- 11°</p> <p>ANGLE ELBOW</p>
<p>88</p>  <p>TYPE 88-8 +/- 11°</p> <p>THREE SOCKET ANGLE TEE</p>	<p>89</p>  <p>TYPE 89-8 +/- 11°</p> <p>TWO SOCKET ANGLE CROSS</p>	<p>90</p>  <p>TYPE 90-8 +/- 7°</p> <p>PGR THREE SOCKET TEE</p>	<p>91</p>  <p>TYPE 91-8 +/- 7°</p> <p>PGR TWO SOCKET CROSS</p>	<p>92</p>  <p>TYPE 92-8 +/- 7°</p> <p>PGR ELBOW</p>
<p>93</p>  <p>TYPE 93-8 +/- 7°</p> <p>PGR TEE</p>	<p>95</p>  <p>TYPE 95-8</p> <p>PGR INTERNAL SPIGOT</p>	<p>97</p>  <p>TYPE 97-2 97-6 97-3 97-7 97-4 97-8 97-5 97-9</p> <p>SET SCREWS</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 WRENCH</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 SHEETING 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>121</p>  <p>TYPE 121-7</p> <p>CORNER CROSSOVER</p>	<p>145</p>  <p>TYPE 145-7</p> <p>CROSSOVER COUPLING</p>

▼ Handrailing - StreetKlamp safety barrier system (continued)

Advantages:

- Save up to 50% in labour costs
- No special tools required
- No threading, welding or bolting
- Durable galvanised finish
- Simple to use
- Use ordinary 13.5mm to 60.3mm o.d. pipe
- Widest range available

The StreetKlamp fitting:

StreetKlamp fittings are iron castings manufactured to the requirements of BS EN 1562 and 1563. A range of fittings to suit eight sizes of pipe is available. A simple hexagon key is the only tool required to create a strong, rigid joint. A recessed set screw, tightened by the hexagon key, firmly locks the pipe into the fitting. The set screw is manufactured in case hardened steel and is StreetKcoat protected against corrosion.

A StreetKlamp fitting (size 5 to 9) can support an axial load of *900 kgs. per set screw with the set screw tightened to a torque of 4 kgm (29 lbs ft). This is normally obtained when the screw is fully tightened using a ratchet wrench.

(*rating includes a safety factor of 2:1)

Finishes:

StreetKlamp fittings are supplied hot dip galvanised to BS EN ISO 1461. Standard steel pipe is galvanised to the requirements of BS 1387 (ISO 65).

Colours:

In addition to the standard finish, pipe, fittings and accessories can be supplied with polyester coating in any RAL colour. The polyester coating is highly durable and is usually applied to products that are already galvanised. Should damage occur to the coating, corrosion is still prevented.

Pipe:

StreetKlamp fittings are produced in a range of standard sizes to suit BS 1387 (ISO 65) steel pipe, sizes 13.5mm to 60.3mm; also equivalent sizes of tubing in other materials.

StreetKlamp pipe size	Pipe 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

Note: Nominal bore is an arbitrary dimension because the bore varies with the wall thickness of the pipes.

▼ StreetKlamp pipe sizes

