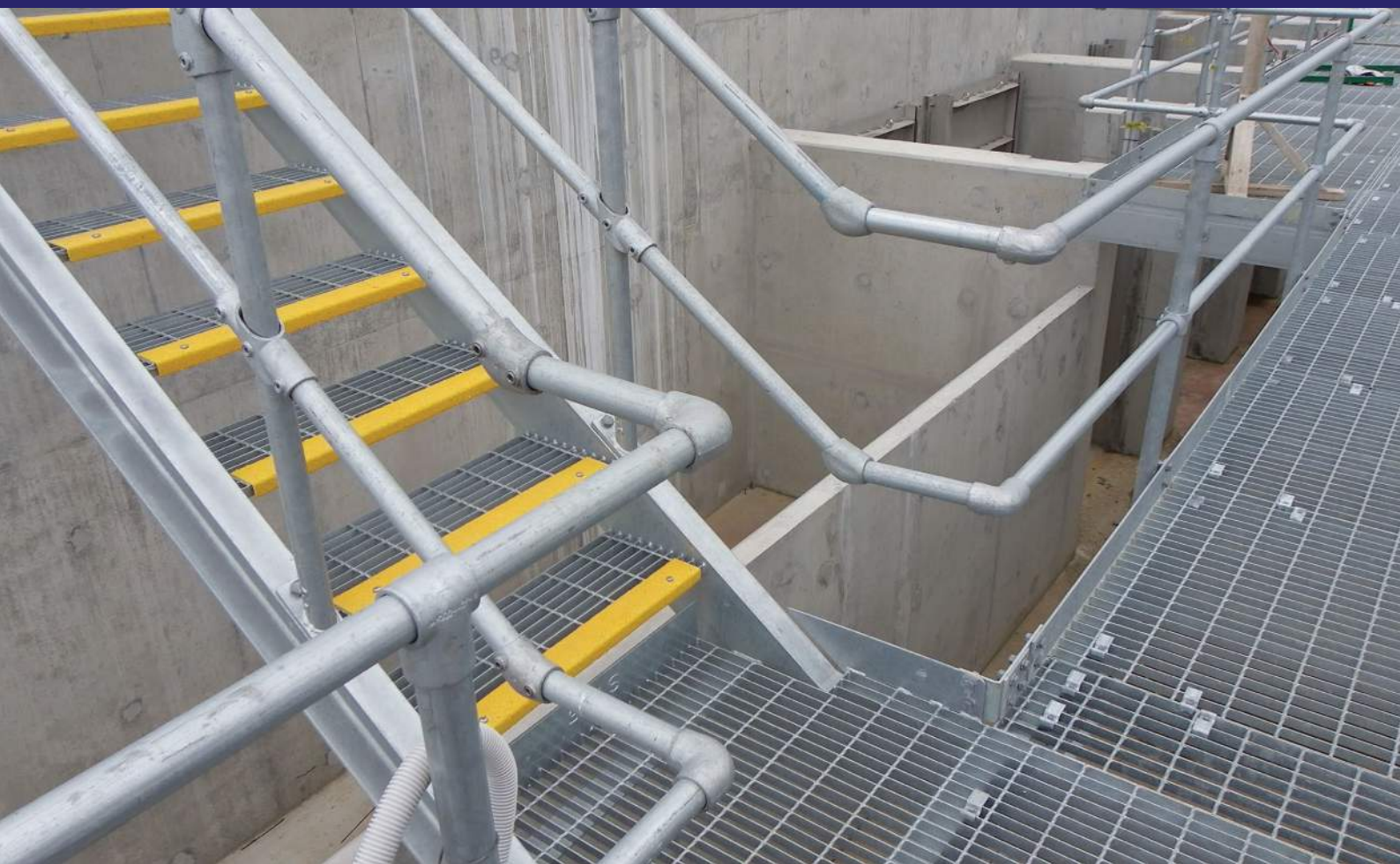


# MASTER KLAMP.

## HIGH QUALITY PIPE FITTINGS

Designed for simple, rapid assembly of tubular structures



[www.masterklamp.com](http://www.masterklamp.com)



- Durability in even the most demanding of environments.



- All fittings can be powder coated in your colour choice.



- Hot-dipped galvanized in accordance with ISO 1461.

**The MASTERKLAMP range of pipe fittings is a perfect blend of superior engineering and great design.**

- **HANDRAILS**
- **GUARDRAILS**
- **CAR PORTS**
- **GARMENT RACKS**
- **GREEN HOUSES**
- **BARRIERS**
- **FRAMES**

**Strength and durability combined with ease-of-use!**

**A versatile system that eliminates the need for welding, bending or threading. It allows you to quickly erect any variety of pipe frame structures, no matter how complex your design.**

**The MASTERKLAMP range features a wide selection of clamps designed for every conceivable pipe frame configuration. The clamps have multiple applications in diverse industries.**



# MASTERKLAMP.

The **MASTERKLAMP** range comprises some **58 fittings** available to suit **5 pipe sizes** from **26,9 mm to 60.3 mm O.D.**

- **CANOPIES**
- **MARKET STALLS**
- **STORAGE RACKS**
- **WORK BENCHES**
- **EXHIBITION STANDS**
- **CATTLE PENS**
- **& MANY MORE . . .**

Manufactured to ISO 9002 standards, **MASTERKLAMP fittings** are made from malleable cast-iron and are fixed to the pipe with case hardened ASTM 1045 steel grub screws.

**MASTERKLAMP fittings** are hot-dipped galvanized in accordance with ISO 1461 to enhance durability in even the most unforgiving outdoor environments, in fact we are the only manufacturer to galvanize the threads as well.

Where required **MASTERKLAMP fittings** can be powder coated or painted in your choice of colour.



- **Complex indoor or outdoor structures can be quickly built.**



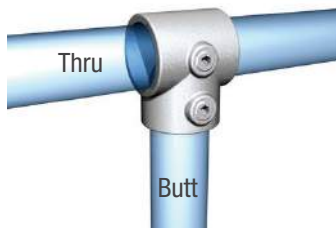
- **Quick assembly is just one of the benefits of using Masterklamp.**



- **Unobtrusive locking mechanism with an easy to use allen key.**

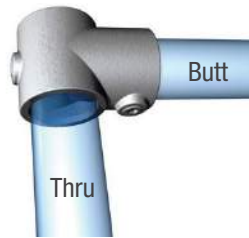
# MASTERKLAMP

## TEE'S & CROSSES



1.02 Short Tee

	26.9	33.7	42.4	48.3	60.3
	42.4/48.3	48.3/33.7	60.3/48.3		
		48.3/42.4			



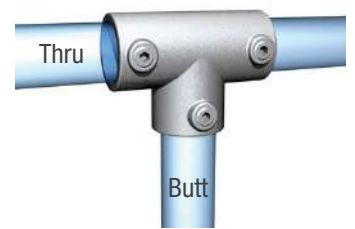
1.02 Short Tee - Capped

			48.3/42.4C		



1.03 Short Tee 0-11°

		33.7	42.4	48.3	



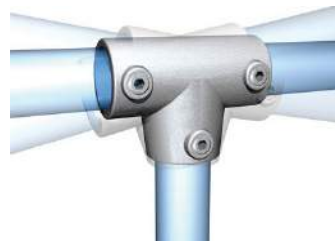
1.04 Long Tee

	26.9	33.7	42.4	48.3	60.3
			42.4/48.3		



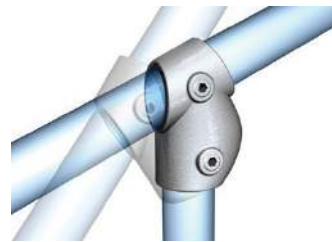
1.05 Internal Swivel Tee 360°

		33.7	42.4	48.3	



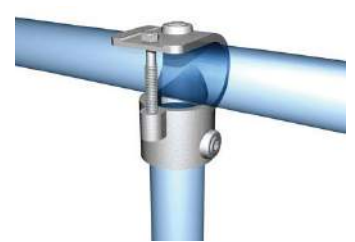
1.06 Long Tee 0-11°

		33.7	42.4	48.3	



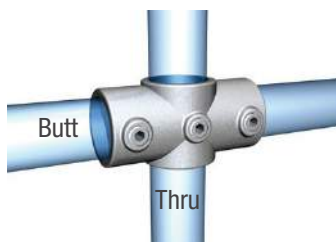
1.07 Adjustable Tee 30-60°

		33.7	42.4	48.3	
			42.4/48.3		



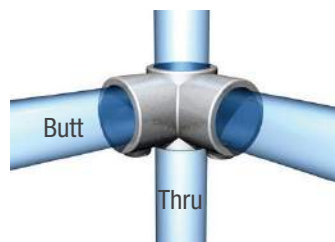
1.08 Clamp-on Tee

		33.7	42.4	48.3	



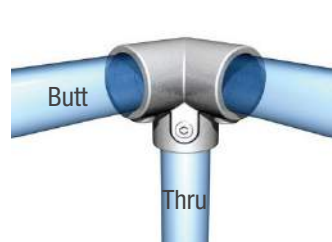
2.01 Two Socket Cross

	26.9	33.7	42.4	48.3	60.3
		48.3/33.7	48.3/42.4		



2.02 Three Way Mid Corner

	26.9	33.7	42.4	48.3	60.3
				48.3/33.7	



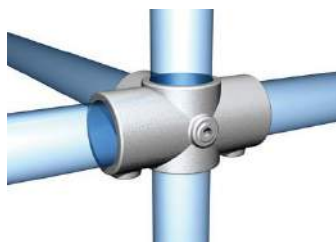
2.03 Three Way Top Corner

	26.9	33.7	42.4	48.3	60.3
				48.3/42.4	



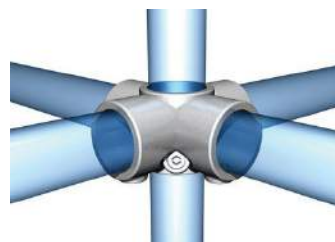
2.04 Two Socket Cross 30-45°

		33.7	42.4	48.3	
		48.3/33.7	48.3/42.4		



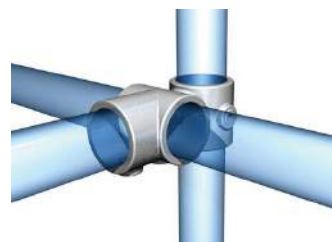
2.05 Side Outlet Cross

	26.9	33.7	42.4	48.3	60.3



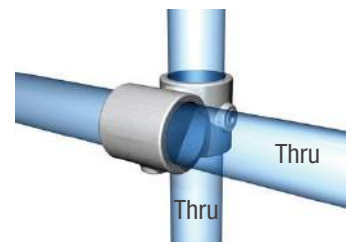
2.06 Four Socket Cross

	26.9	33.7	42.4	48.3	



2.07 Combi Skt Tee & Cross

	26.9	33.7	42.4	48.3	



2.08 Crossover 90°

	26.9	33.7	42.4	48.3	60.3
	48.3/33.7	48.3/42.4	60.3/48.3		



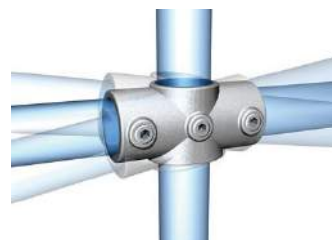
2.09 Clamp-on Crossover 90°

		33.7	42.4	48.3	



2.10 Adj Swivel Cross Set

		33.7	42.4	48.3	60.3
				48.3/42.4	



2.11 Two Socket Cross 0°-11°

		33.7	42.4	48.3	

**HOT DIP  
GALVANIZED IN  
ACCORDANCE WITH  
ISO 1461**

# ELBOWS & FLANGES



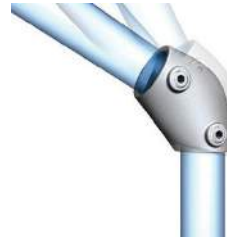
3.01 Elbow 90°

	26.9	33.7	42.4	48.3	60.3



3.02 Elbow 79-101°

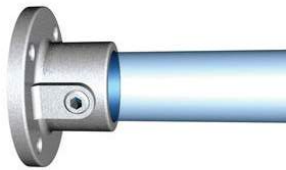
		33.7	42.4	48.3	



3.03 Variable Elbow 30-60°

		33.7	42.4	48.3	

**MANUFACTURED  
to  
ISO 9002  
STANDARD**



4.01 Base Flange

	26.9	33.7	42.4	48.3	60.3



4.02 Railing Base Flange

	26.9	33.7	42.4	48.3	60.3



4.03 H Base Railing Support

		33.7	42.4	48.3	



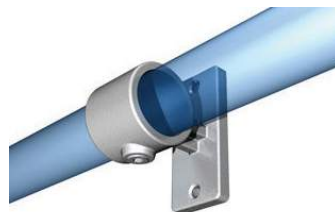
4.04 V Base Railing Support

		33.7	42.4	48.3	



4.05 Railing Base Flange 0-11°

		33.7	42.4	48.3	



4.06 Handrail Support

	26.9	33.7	42.4	48.3	



4.07 Railing Base Flange 45-60°

				48.3	



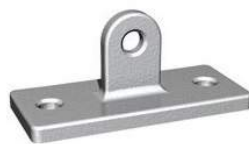
4.08 Rail Base with Toeboard

			42.4	48.3	



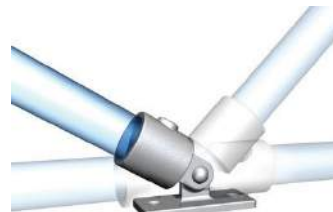
4.09 Side Base Rail Support

				48.3	



4.10 Base Plate

	UNIVERSAL				



4.11 Swivel Base

	26.9	33.7	42.4	48.3	60.3



4.13 Side Palm

		33.7	42.4	48.3	



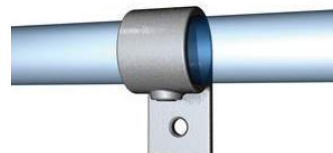
4.14 Wall Flange

				48.3	



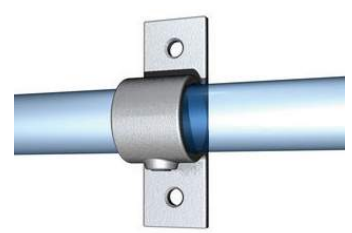
4.18 Ground Socket

		33.7	42.4	48.3	



4.20 Sgl Sided Collar Plate

		33.7	42.4	48.3	



4.21 Dbl Sided Collar Plate

			42.4	48.3	



# MASTER KLAMP

## SWIVELS & VARIOUS



5.01 Male Single Swivel

	26.9	33.7	42.4	48.3	



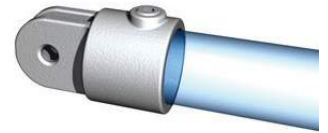
5.02 Male Double Swivel

		33.7	42.4	48.3	



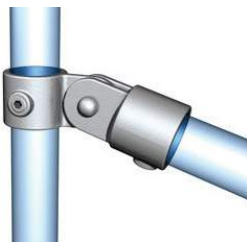
5.03 Male Corner Swivel

			33.7	42.4	48.3



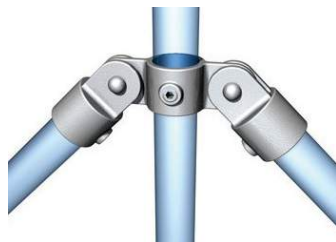
5.09 Female Sgl Swivel

		26.9	33.7	42.4	48.3	60.3



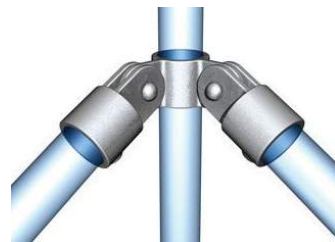
5.11 Sgl Swivel Combi

	26.9	33.7	42.4	48.3	60.3



5.12 Dbl Swivel Combi

		26.9	33.7	42.4	48.3



5.13 Cnr Swivel Combi

			33.7	42.4	48.3

**STRENGTH &  
DURABILITY**  
combined with  
**EASE-OF-USE!**



6.01 Straight Coupling

	26.9	33.7	42.4	48.3	60.3



6.03 Internal Coupling

		33.7	42.4	48.3	



6.04 Hook

			33.7	42.4	48.3



6.06 Collar

			33.7	42.4	48.3



6.08 Female Gate Hinge

		33.7	42.4	48.3	



6.09 Male Gate Hinge

		33.7	42.4	48.3	



6.20 Set Screw

	1/4" BSP	1/4" BSP	3/8" BSP	3/8" BSP	3/8" BSP



6.21 Allen Key

	1/4"	1/4"	3/8"	3/8"	3/8"

### KEY

26.9

Available to suit NON-REDUCING pipe sizes

48.3/42.4

Available to suit REDUCING pipe sizes

For reducing clamps Thru, then Butt  
e.g. 42.4/48.3 (42.4 = Thru, 48.3 = Butt)

All sizes given in (to suit) outside diameter (OD) mm.

## THE DISABILITY ASSIST RANGE (DDA)



A.7.01.42

			42.4		



A.7.02.42

			42.4		



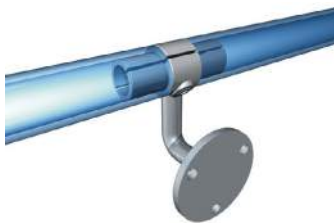
A.7.03.42

			42.4		



A.7.04.42

			42.4		



A.7.05.42

			42.4		



A.7.06.42

			42.4		



A.7.07.42

			42.4		

MasterKlamp is a long term, quick to install handrail solution that complies with the Disability Discrimination Act (DDA) and applicable building regulations. The MasterKlamp DDA range is available in 7 variants allowing for a smooth connection between the fitting and the pipe. This is an essential requirement in terms of compliance to the DDA. The DDA range has been designed to suit 42.4mm 3.2mm wall thickness pipe (32NB, medium wall.)

All of the MasterKlamp assist products can be powder coated or painted to your colour choice. If you have an existing non-compliant handrail then MasterKlamp DDA products can be readily used in order to gain DDA compliance, they are ideal for retro-fitting.

Cost Item	Ball type Stanchion	Welded rail	MasterKlamp
Pipe &/or Stanchions	\$1,990	\$780	\$850
Clamps	\$0	\$0	\$845
HDG	\$460	\$410	\$0
Design costs	\$250	\$360	\$120
Fabrication	\$1,200	\$1,600	\$500
Installation	\$420	\$420	\$480
Transport	\$250	\$250	\$50
<b>Total:</b>	<b>\$4,570</b>	<b>\$3,820</b>	<b>\$2,845</b>
<b>Per/m:</b>	<b>\$114</b>	<b>\$96</b>	<b>\$71</b>
<b>Compared to MasterKlamp:</b>	<b>+ 61%</b>	<b>+ 34%</b>	

Using MasterKlamp for your next handrail is a more cost effective solution. As illustrated in the table, when comparing “ball type stanchions” and “welded handrails” to MasterKlamp handrails, the MasterKlamp option ranges from 34% to 61% more cost effective (based on 40m of handrail, with two corners and two horizontal rails.)

All MasterKlamps can be installed without specialist skills or equipment. No welding, hot permits or threading is required. Simply hand tighten the grub screw (40NM) and you will achieve the rated 940kg slip strength, this makes for a very secure structure.

MASTERKLAMP product codes refer to the outside diameter of the pipe that the fitting suits. The table below shows the equivalent nominal bore and imperial pipe sizes that the fittings suit.

Outside Diameter		Nominal Bore	
mm	Fractions	mm	Fractions
26.9	1.050"	20	3/4"
33.7	1.315"	25	1"
42.4	1.660"	32	1 1/4"
48.3	1.900"	40	1 1/2"
60.3	2.375"	50	2"

MASTERKLAMP is manufactured to suit schedule 40 steel pipe or similar. Due to ongoing MASTERKLAMP development we strongly recommend that you view [www.masterklamp.com](http://www.masterklamp.com) for the latest products, news and useful information.

*Available from your local distributor:*

Product information subject to change without prior notice.

