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GLOBAL BRAND  
OF **VERSATILE**  
**HIGH QUALITY**  
**GALVANISED**  
**MALLEABLE**  
**IRON HANDRAIL**  
**FITTINGS** WITH A  
MULTITUDE OF USES.



Interclamp is a global brand of versatile high quality malleable iron pipe fittings with a multitude of uses. Designed for easy, simple and fast erection of rigid structures by hand with the minimum of tools, Interclamp is a cost effective, efficient system, particularly compared with traditional methods of construction such as welding, where specialist tools, extensive training and experience are required.

Due to the simple to specify wide range of Interclamp fittings held in stock, the components for permanent or indeed temporary tubular structures can be easily ordered and quickly despatched to your premises or site. The lack of prior fabrication required provides clear benefits over alternative types of construction methods, due to quick lead-times and savings in transport costs as a result of the off-the-shelf "kit form" of the Interclamp system including tubes.

The premium features of our product have firmly placed Interclamp as a leading brand of choice for tubular clamp components worldwide for many years.

## More than just handrails...



# WHY INTERCLAMP?

## Trust Genuine Interclamp®

To differentiate the Interclamp range from other systems and methods of construction, various advanced features have been incorporated into the design, production and finish of the fittings, with the clear aim of optimising the high quality and long life of the product. You can therefore be confident in your choice of brand.



- BAUART GEPRÜFT
- TYPE APPROVED

1

### HIGH QUALITY GALVANISED FINISH

Interclamp components are hot-dipped galvanised to BS EN ISO 1461:2009 giving a corrosion resistant finish for an extended life.

2

### VIBRATION RESISTANCE

Interclamp fittings have been successfully subjected to stringent vibration endurance resistance tests by an accredited independent test laboratory.

3

### PRODUCT CONSISTENCY

Optimal production techniques and stringent quality controls ensure a reliable and consistent product.

4

### EASY IDENTIFICATION

Each fitting is clearly marked with the type & size for ease of identification.

5

### INTERCLAMP DOUBLE COATING

Interclamp fittings feature a secondary coating over the hot-dipped galvanising to enhance corrosion protection and to extend the life of the product. This gives Interclamp the benefit of a premium quality, aesthetically pleasing finish.

6

### RECOGNISED BRAND

Every fitting carries the recognised Interclamp brand as sign of quality and to aid traceability.

7

### STAINLESS STEEL SCREWS

For increased corrosion resistance.

### PRODUCT TESTING

The core range of Interclamp fittings has been tested and type approved by TÜV Rheinland, the leading worldwide independent test house. Additional vibration resistance assessments and load tests have also been conducted by other independent test facilities.

## FEATURES



### MODULAR

Versatile and modular galvanised handrail tube and pipe clamp fittings.



### SIMPLE TO SPECIFY

Extensive range of clearly marked fittings makes specification of structures simple.



### EASY TO ORDER

Ex-stock and reduced transportation costs in comparison to pre-fabricated solutions.



### QUICK RESPONSE

We strive for a quick response and fast turn around on all quotations and orders.



### RAPID TO ASSEMBLE

Using a simple hexagon key or Interclamp ratchet. Fast construction of varied structures possible with the minimum of tools.



### NO WELD

No welding required. Eliminates the need to carry bulky welding equipment from site to site and hot work permits.

# INFORMATION



## DESIGN & MATERIALS



Interclamps are made from malleable iron manufactured in conformance with BS EN 1562:2019, a dependable and well proven material for this type of product. The fittings are hot-dipped galvanised to BS EN ISO 1461:2009, giving a durable corrosion resistant finished surface for extended life. A secondary additional coating is then applied over the top of the galvanising, to enhance further the corrosion protection and to offer a premium quality, aesthetically pleasing appearance. High quality stainless steel setscrews, which are specified in the optimal size for each size range, contribute significantly to the high structural integrity of the Interclamp fitting.

## ISO 9001:2015 & RISQS (LINK-UP) APPROVED



Our management systems in Great Britain have been assessed and certified as meeting the requirements of ISO 9001:2015 by SGS United Kingdom Ltd (UKAS-accredited) under certificate number GB96/6175.00. In addition, we are a RISQS (Link-Up) approved supplier to the UK rail industry via the Rail Industry Supplier Qualification System (RISQS).



GB96/6175.00

## INDEPENDENT TESTING



In addition to the tests conducted by TÜV Rheinland, a series of stringent vibration endurance tests has been successfully passed, which was conducted by a UKAS-accredited independent test laboratory, in order to evaluate the vibration resistance of the standard Interclamp setscrews.

Load tests on typical traditional Interclamp and DDA Assist handrail structures, including Interclamp Pedestrian Barriers, have been accomplished by a NATA-accredited test facility. The Interclamp Roof Edge system has been tested as fully compliant to BS EN ISO 13374:2013 Class A and BS EN ISO 14122-3:2016 by an independent UKAS-accredited laboratory.

The results of beam tests for uniformly distributed loads are also available.

## TÜV RHEINLAND PRODUCT SAFETY TYPE APPROVAL



The core range of Interclamps is subject to periodic rigorous testing and continuous product safety type approval by TÜV Rheinland, the leading independent test house across the globe.





## SAFETY YELLOW COATING



Safety yellow thermoplastic tube coating available in three tube sizes B34, C42 and C48



## SIZES



Five different size ranges of Interclamp are available as shown in the table, hence a suitable size can be selected for any particular application.

Interclamps are easily identified by a type number of each design, e.g. 125, followed by a size code, e.g. D48, the latter part of which corresponds with the approximate outside diameter of the tube to be used (48.3mm = 1 1/2" nominal bore in this case). Hence a 90° elbow suitable for a 1 1/2" nominal bore tube in this example would be denoted as a 125-D48.



*\* Image for illustrative purpose only, not drawn to scale.*

INTERCLAMP SIZE	NOMINAL BORE	OUTSIDE DIAMETER
A27	3/4"	26.9mm
B34	1"	33.7mm
C42	1 1/4"	42.4mm
D48	1 1/2"	48.3mm
E60	2"	60.3mm

## FAST DELIVERY



Interclamp strives to bring you industry-leading levels of response and delivery from the moment your enquiry or order is received until delivery to your door.

## TECHNICAL SUPPORT



As a long-established brand, we have built up an enviable amount of experience, data and other information on the Interclamp range over the years. Our technical team is available to help you in your selection of the right products for your particular application.

## SUSTAINABILITY



In order to help meet ever more stringent building codes for sustainability in new home construction and commercial developments, we are pleased to confirm that the core Interclamp handrail range contains a very high percentage of recycled materials. Furthermore, when the product eventually comes to its end of life, it can easily be recycled globally via local waste metal recovery facilities.

# APPLICATIONS



Although most commonly used in handrailing and safety guardrailing situations, the variety of structures made possible by the wide extent of the versatile range is only limited by your ingenuity. In addition, custom designed Interclamps are available on request. Illustrated in this catalogue are the main types of Interclamp designs available.

Please note that we are continuously expanding and developing our range, so if the fitting or size you require is not shown, please contact us. Certain illustrations show powder coated Interclamp fittings, tube and pedestrian barriers available at extra cost. Some photographs shown are of foreign applications which do not necessarily conform to all market specifications.







## SAFETY

Fences &  
Security Fencing  
Railway Guardrailing  
Safety Guardrails  
Roof Guardrails  
Staircase Handrails  
Machinery Guards  
& Enclosures  
Roof Top Fall  
Prevention Systems

## INDUSTRY SECTORS

Machinery Guards  
& Enclosures  
Highway Control  
Installations  
Road Signs  
Heavy Duty  
Workstations  
Agricultural  
Enclosures  
Industrial &  
Domestic Furniture  
Civic Amenity /  
Recycling Sites  
Shipbuilding  
Access Platforms /  
Mezzanine Floors  
Smoking Shelters  
Milking Parlours  
Water Treatment Works  
Staircase Handrails

## DOMESTIC

Greenhouses  
Wheelchair  
Access Ramps  
Solar Panel  
Supports

## RETAIL

Racking  
Garment Racking  
Market Stalls  
Displays  
& Shopfitting  
General Signage

## SPORTS & LEISURE

Playground  
Equipment  
Cycle Racks  
& Trolley Bays  
Practice Nets  
(Golf, Cricket, etc.)  
Sports Grounds  
& Arenas  
Theme Park Queue  
Management  
Film Sets





# Interclamp® Fittings

<b>101</b> A27 B34 C42 D48 E60		<b>101</b> C42/B34 D48/B34 D48/C42 E60/D48 B34/C42 C42/D48		<b>104</b> A27 B34 C42 D48 E60		<b>116</b> A27 B34 C42 D48 E60		<b>117X</b> D48 Retro-Fit	
<b>117X</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>119</b> A27 B34 C42 D48 E60	
<b>119</b> C42/D48		<b>123</b> B34 C42 D48 40° - 70°		<b>124</b> B34 C42 D48 15° - 60°		<b>125</b> A27 B34 C42 D48 E60		<b>125</b> D48/C42	
<b>127</b> B34 C42 D48 30° - 45°		<b>128</b> A27 B34 C42 D48 E60		<b>129</b> A27 B34 C42 D48 30° - 60°		<b>130</b> B34 C42 D48 30° - 45°		<b>131</b> A27 B34 C42 D48 E60	
<b>132</b> A27 B34 C42 D48 E60		<b>133</b> A27 B34 C42 D48 E60 PLASTIC		<b>134</b> B34 C42 D48		<b>135</b> A27 B34 C42 D48 E60		<b>135Y</b> D48	
<b>136</b> C42 D48		<b>137</b> D48		<b>138</b> A27 B34 C42 D48		<b>140</b> A27 B34 C42 D48		<b>143</b> A27 B34 C42 D48	
<b>144</b> B34 C42 D48		<b>145</b> B34 C42 D48		<b>146</b> B34 C42 D48		<b>147</b> B34 C42 D48		<b>148*</b> A27 B34 C42 D48 E60	
<b>149</b> A27 B34 C42 D48 E60		<b>150</b> B34 C42 D48		<b>152</b> B34 C42 D48 0° - 11°		<b>153</b> B34 C42 D48 0° - 11°		<b>154</b> B34 C42 D48 0° - 11°	
<b>155</b> B34 C42 D48 0° - 11°		<b>156</b> B34 C42 D48 0° - 11°		<b>158</b> A27 B34 C42 D48 E60		<b>160</b> A27 B34 C42 D48 E60		<b>161</b> A27 B34 C42 D48 E60	



<b>161</b> B34/A27 C42/B34 D48/B34 D48/C42 E60/D48		<b>165</b> B34 C42 D48 E60		<b>166</b> 0° - 120° B34 C42 D48 E60		<b>167</b> A27 B34 C42 D48 E60		<b>167M</b> A27 B34 C42 D48 E60	
<b>168</b> A27 B34 C42 D48 E60		<b>168M</b> A27 B34 C42 D48 E60		<b>169</b> A27 B34 C42 D48 E60		<b>169M</b>		<b>170</b> A27 B34 C42 D48 E60	
<b>171</b> A27 B34 C42 D48 E60		<b>172*</b> C42 D48		<b>172M*</b> C42 D48		<b>173</b> A27 B34 C42 D48 E60		<b>173F</b> A27 B34 C42 D48 E60	
<b>173M</b> A27 B34 C42 D48 E60		<b>174</b> D48		<b>174M</b> D48		<b>175</b> D48		<b>175M</b> D48	
<b>176</b> A27 B34 C42 D48 E60		<b>179</b> A27 B34 C42 D48 E60		<b>182</b> A27 B34 C42 D48		<b>185</b> D48		<b>191</b> 27½° D48	
<b>192</b> B34 C42 D48		<b>197</b> D48		<b>198</b> B34 C42 D48		<b>199</b> B34 C42 D48		<b>232</b> D48	
<b>234</b> D48		<b>242</b> C42 D48		<b>245</b> D48		<b>245S</b> D48		<b>246</b> B34 C42 D48	
<b>251</b> 30° - 45° B34 C42 D48		<b>252</b> D48		<b>253</b> 11° - 29° D48		<b>255</b> 11° - 29° D48		<b>256</b> 11° - 29° D48	
<b>300*</b> AB CDE		<b>302</b>		<b>303*</b> AB CDE		<b>310</b>		<b>333</b> A27 B34 C42 D48 E60	
<b>301*</b> AB CDE		<b>304*</b> AB CDE							

\*Illustration shows multiple fittings



The Interclamp Assist range has been especially designed to help compliance with the public access requirements of the Equality Act 2010 (formerly DDA), BS 8300:2018 and Building Regulations Part M 2015/16. In order to give our customers more choice, a range of both internally expanding clamps and saddle type fittings is available, neither of which requires the use of welding, threading or specialist tools.

Our classic range of internally expanding fittings requires no riveting or drilling of tube, whereas the saddle-type fittings require less tube cutting and hence easier handrail alignment. No other special fittings are required, which enables full integration with both new Interclamp systems and the refurbishment or upgrading of existing tubular structures to help meet the newer access specifications.

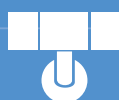
In order to meet the requirements of the above standards, the range forms flush joints with size C42 tube. Tube (and fittings where necessary) may be coated in RAL or BS colours to help meet “not cold to the touch” and contrasting colour requirements. Steps and disabled access slopes may easily be accommodated, facilitating compliance with public access standards.

For C42 size internally expanding Assist fittings (as with type 150), tubes must be 42.4mm od x 3.2mm wall thickness e.g. 1 1/4" medium weight to BS EN 10255 (formerly BS1387). All cut tube ends must be deburred and treated with Interclamp Silver Galvanising Spray or other suitable protection. Optional O-rings may be fitted to each end of the expanding Assist fittings to achieve the best finish.

Certain fittings are also available to suit D48 handrails.



## WITH DDA COMPLIANT HANDRAILS



SMOOTH, CONTINUOUS, IN-LINE DISABILITY HANDRAIL RANGE.



COMPATIBLE FOR USE IN CONJUNCTION WITH THE STANDARD INTERCLAMP RANGE



EASY ACCOMMODATION OF SLOPES AND ACCESS RAMPS



HELPS MEET DDA COMPLIANCE



POWDER COATING AVAILABLE TO SUIT CONTRASTING COLOUR REQUIREMENTS



NO WELDING REQUIRED



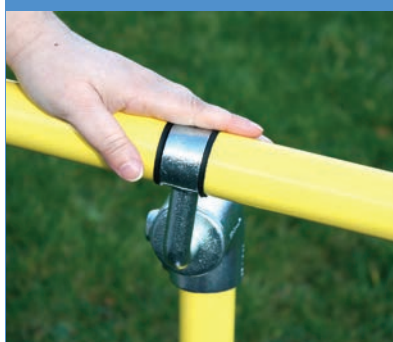
QUICK AND EASY TO INSTALL WITH MINIMAL TOOLS



SAVE TIME AND MONEY VS PRE-FABRICATION



EX-STOCK AND EASY TO TRANSPORT





# DDA COMPLIANT HANDRAILS



<b>720</b> C42		<b>721</b> C42		<b>724</b> C42		<b>725</b> C42	
<b>728</b> C42		<b>729</b> C42		<b>731</b> C42		<b>745</b> C42 D48	
<b>747</b> C42 D48		<b>748</b> C42		<b>750</b> ◆ C42 C42/D48 D48		<b>751</b> ◆ C42 C42/D48	
<b>797</b> C42 D48		<b>798*</b> PH2		<b>390</b> 400ml		<div>* Illustration shows multiple fittings.</div> <div>** Requires 2 x 150-C42 (not shown) or other expanding fittings.</div> <div>◆ Requires assembly.</div>	
		<b>799*</b> PH2					

## A SAMPLE OF TYPICAL CONFIGURATIONS

		<b>729</b> C42 + <b>125</b> C42		<b>747</b> C42 + <b>101</b> C42 + <b>133</b> C42	
		<b>747</b> C42 + <b>125</b> C42		<b>747</b> C42 + <b>104</b> C42	
		<b>724</b> C42 + <b>748</b> C42 + <b>125</b> C42		<b>721</b> C42 + <b>125</b> D48/C42 + <b>101</b> D48/C42 + <b>748</b> C42	
		<b>725</b> C42 + <b>731</b> C42		Some configurations are shown with optional O-rings and some require multiple fittings.	

# Interclamp® Safety Post

Interclamp Safety Post is designed to be a replacement for traditional ball standard handrail systems. Simply choose the posts and rails required and assemble on site.

## 4000 SERIES STANDARD SAFETY POSTS

A rapid assembly and cost effective solution for industrial and workplace safety barriers. Ideal for machinery guardrails, zone segregation and personnel safety.

## 5000 SERIES DDA ASSIST SAFETY POSTS

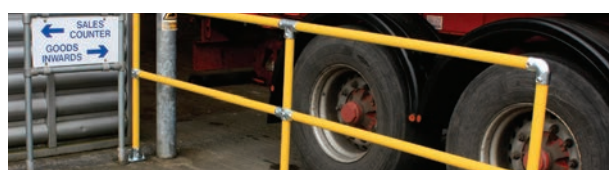
To help compliance with the Equality Act 2010 (formerly DDA) and Building Regulations Part M 2015/16 requirements, the 5000 Series Assist DDA Safety Post offers a simple solution for creating DDA handrailing structures. Ideal for public access installations including shops, schools, colleges, banks, hospitals, restaurants and public institutions.



AVAILABLE IN 2 COLOURS



GALVANISED



SAFETY YELLOW



## A SIMPLIFIED MODULAR HANDRAIL SYSTEM



SAVES TIME  
AND MONEY



SIMPLIFIES  
SPECIFICATION AND  
INSTALLATION



BALL STANDARD  
REPLACEMENT SYSTEM



AVAILABLE OFF THE  
SHELF FOR RAPID  
DELIVERY



AVAILABLE IN BOTH  
GALVANISED AND  
SAFETY YELLOW



NO WELDING  
REQUIRED



RAPID TO INSTALL



MODULAR HANDRAIL  
SYSTEM



MINIMUM OF TOOLS  
REQUIRED

