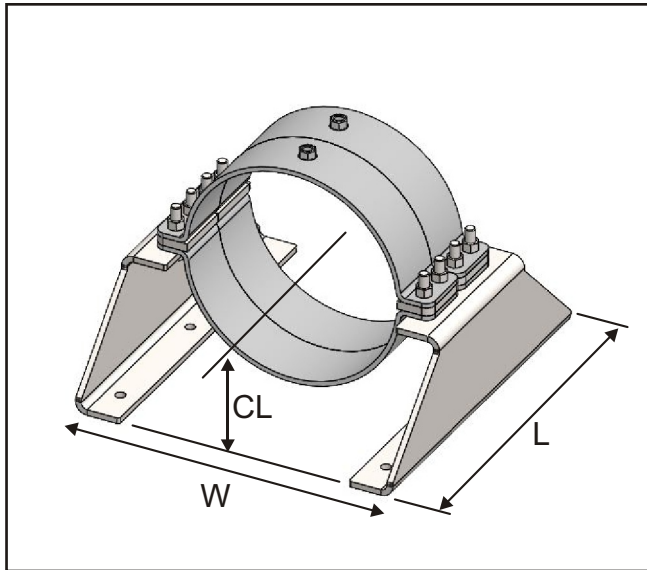


# CHANNEL ANCHOR BRACKETS CHA(BZP) for Scheduled Ferrous Pipes



## APPLICATIONS

These 'channel' anchors comprise heavy duty steel split bands to withstand large forces imposed by a pipe stop and transfer them to the structure via a pair of heavy channel sections.

Steel split bands, to match the pipe outer diameter, are located around the pipe for positive pipe clamping. Stop rings welded to the pipe will increase the force capability above that of clamping alone.

These models can be used accordingly on ferrous pipes for many applications.

For cold pipes, cold bridging cannot be avoided by the use of insulation between the pipe and split bands, as this would defeat the strength of the anchor. An acceptable alternative would be to insulate around the whole of the anchor bracket, up to the face of the secondary steelwork or concrete structure.

Pipe DN (mm)	Pipe OD (mm)	Maximum Force (kN)		Pipe CL (mm)	Footprint 'L' 'W' (mm)		Base Fixing	Product Code (MODEL-SIZE-KN-CL-CHL)
		WITHOUT STOP	WITH STOP		'L'	'W'		
65	73.02	35	50	211	575	247	M16	CHA(BZP)-65-35KN-CL211-200x70 CHA(BZP)-80-35KN-CL211-200x70
80	88.90	35	50	211	575	259	M16	
100	114.30	35	50	213	575	290	M16	CHA(BZP)-100-35KN-CL213-200x70 CHA(BZP)-125-35KN-CL213-200x70
125	141.30	35	50	213	575	316	M16	
150	168.28	35	50	213	575	335	M16	CHA(BZP)-150-35KN-CL213-200x70 CHA(BZP)-200-35KN-CL213-200x70
200	219.08	35	50	213	575	396	M16	
250	273.05	35	50	213	575	449	M16	CHA(BZP)-250-35KN-CL213-200x70
300	323.85	35	50	215	575	508	M16	CHA(BZP)-300-35KN-CL215-200x70 CHA(BZP)-350-35KN-CL215-200x70 CHA(BZP)-400-35KN-CL215-200x70
350	355.60	35	50	215	575	540	M16	
400	406.40	35	50	215	575	591	M16	

The data above represents a basic range. Taller and shorter C-channels are possible, as well as bespoke Z-channels. For each application, the pipe specification, imposed axial force and distance from structure to pipe centre-line will be required before a design, stress analysis and fabrication drawing can be produced.

## SPECIFICATION

CHA - an assembly of zinc plated steel split bands and channel sections, finished in red oxide primer paint finish as standard.

Hot Dip Galvanised (HDG) finish is available on request.

Stainless steel assemblies are available on request.

All pipe specifications can be accommodated, such as Tru-Bore, ISO-Tube, Press-fit, EN10255, scheduled tubes, plastic and composite tubes, etc.

## OPERATING PARAMETERS

### CHA and CHAZ models

Upper Temperature Limit = 100 °C

Lower Temperature Limit = 0 °C

Designs for lower or higher operating temperatures are possible.

NOTE: Each channel requires 3 fixings to the structure.

For risers, the installer MUST provide and weld in place a slip-on ring 'stop' on the pipe to provide the full force capability. This MUST be welded full circumference.