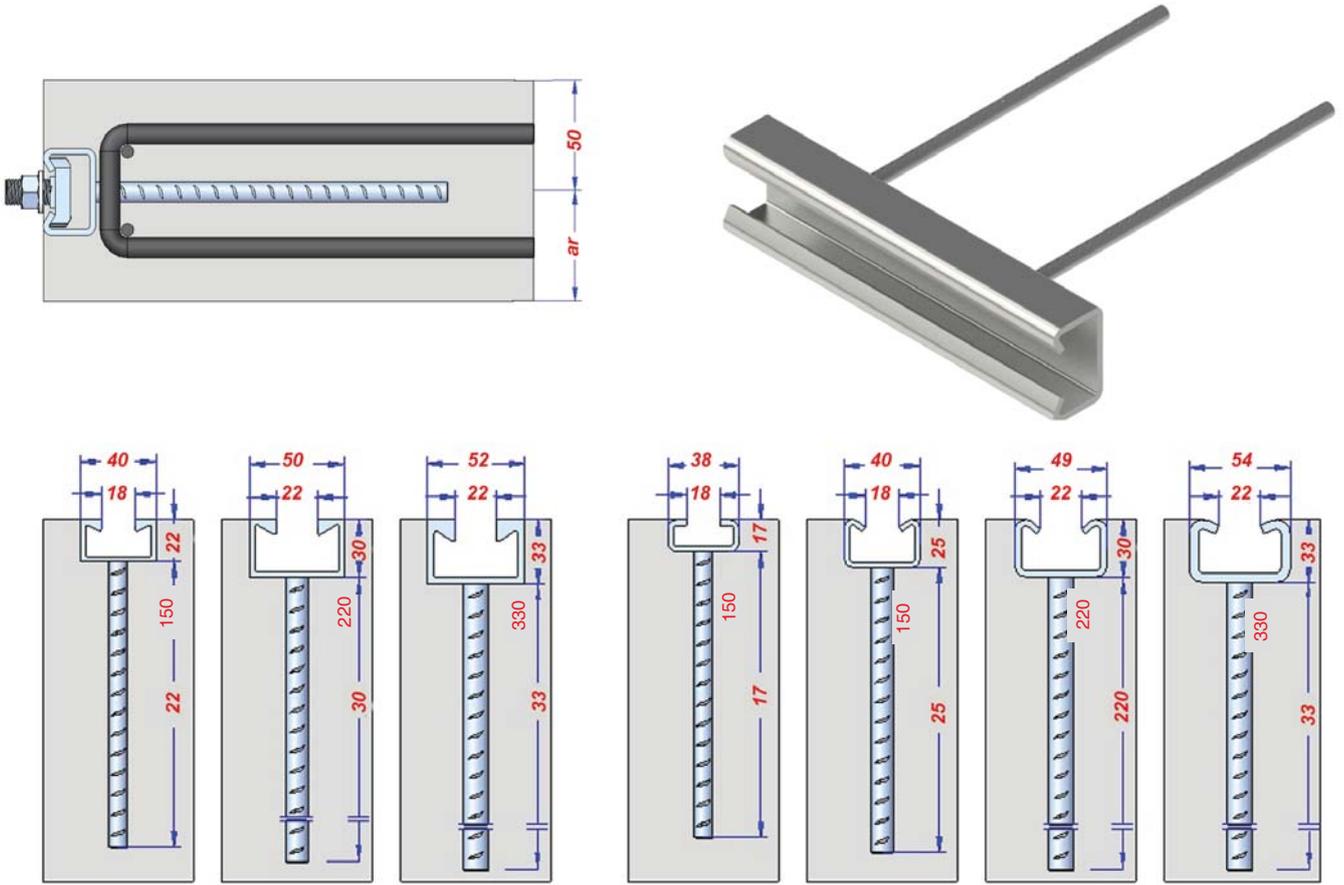


# Special Types of Anchor Channels

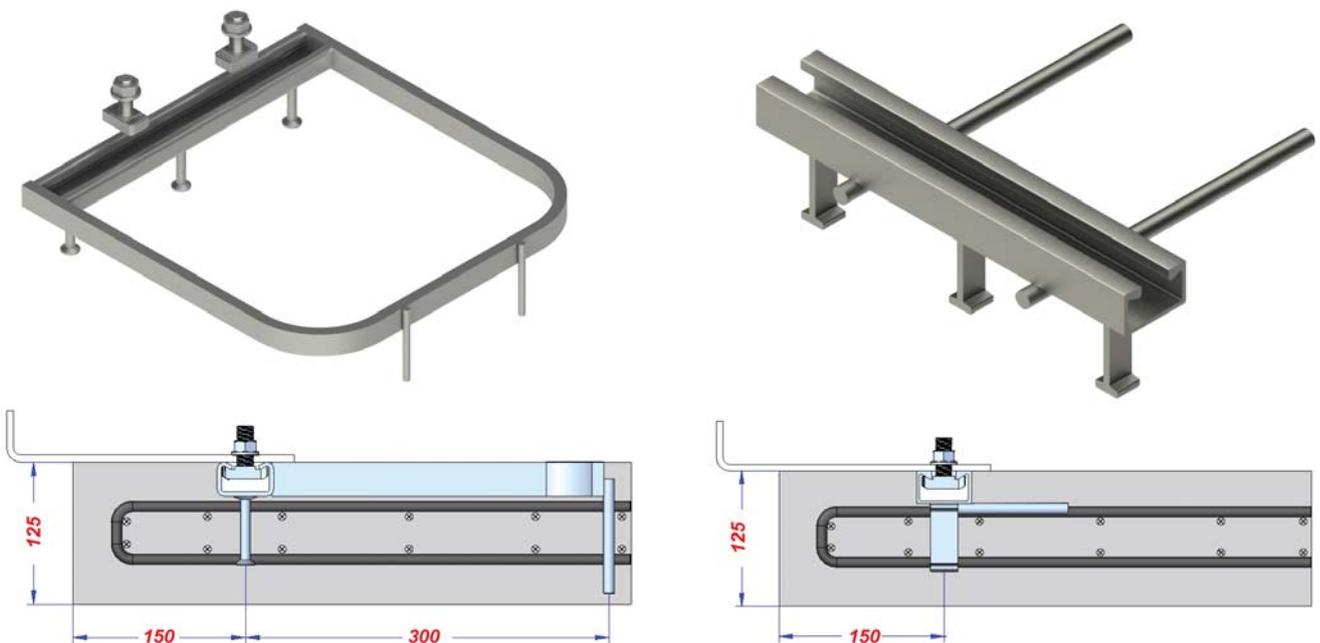
## Anchor Channels With Reinforcement Studs

Anchors can be manufactured out of reinforcement studs for special applications, particularly fixings in the edge of thin slabs. These channels have higher pull out and combined loads. Due to these qualities these channels are preferred for use in the fixing of curtain walls on to reinforced concrete beams.



## Channels With Special Fabricated Elements

Special anchor channel manufacturing can be done according to the requirements of the project. Local testing as well as in house testing can be completed to safe check the load capacities of the special anchor channels.

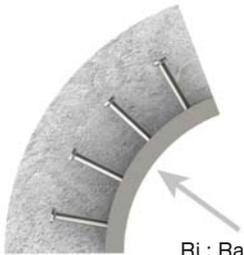


# Special Types of Anchor Channels

## Curved Anchor Channels

Channels can be easily curved to an internal or external radius (lips inward or lips outward). Curves on elevations, such as brick arch details, which require special care, can be accommodated with these types of channels.

Inside Channel slot



Ri : Radius of inner channel

Outside channel slot



Ra : Radius of outer channel

Application :

- M & E works in Tunnels
- Installation on curved walls
- Connections to prefabricated pipes

Min. Radius	Channel Types								
	28/15	38/17	41/22	40/25	40/22	49/30	50/30	54/33	52/34
Inner channel - Ri	0.5 m	0.5 m	1.5 m	1 m	0.7 m	0.8 m	0.8 m	4 m	0.8 m
Outer channel - Ra	1.0 m	1.5 m	4 m	3 m	2 m	8 m	4 m	0.8 m	4 m

## Channel Pair - Special Fabricated Unit

Where double or multiple fixings are required at known centres, channels can be welded to spacer straps, as shown below. The straps keep the channels parallel and accurately spaced along their length.

- Spacers are made either by steel strips or reinforced steel.
- Available in stainless steel and hot dip galvanized mild steel



## Corner Fabricated Unit

Channels can be easily fabricated to suit corners, see below. (Smaller channels may be folded; larger channels are welded.)

- Standard leg dimensions are 125 mm by 250 mm. Other sizes can be produced upon request.
- Available in stainless steel and hot dip galvanized mild steel.



## Channels With Strap Strip

If a narrow beam has a central reinforcement bar, anchors can be made to pass each side of the bar. This might occur where fixings for mechanical services are required in waffle slabs.



## Channels With Wing Strip

Wing anchors are available for low profile details, e.g. where a channel is located in the concrete casing of a steel beam. The channel load capacity is reduced.

