

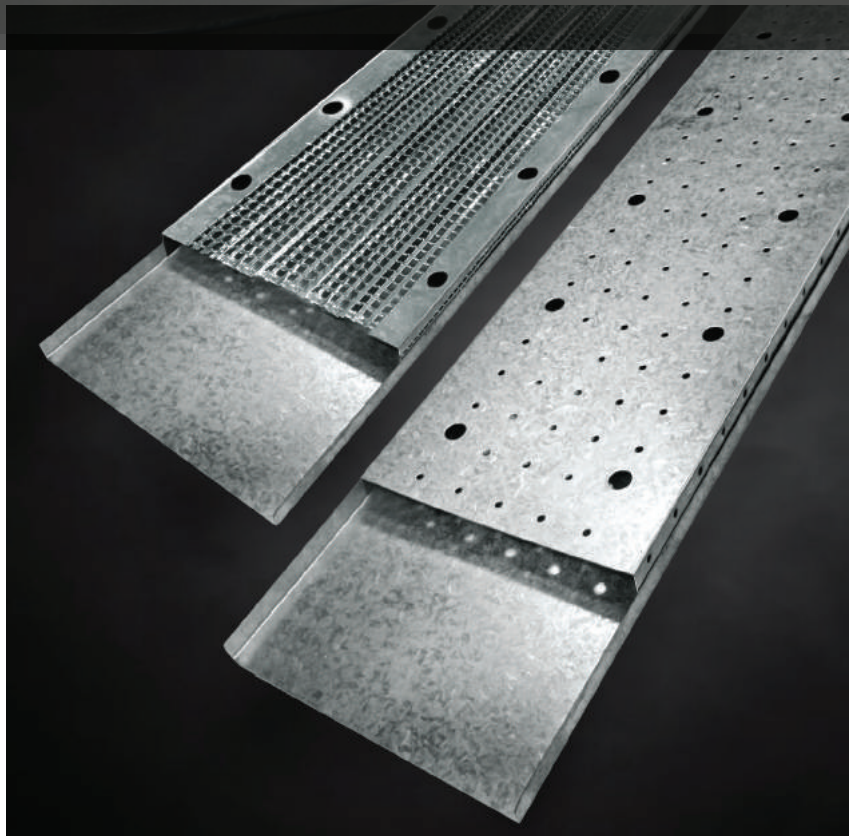
# Pullout Box

**TMI** Expanded Mesh & Metal Products

The Pullout Box system is a quick and safe method of accomplishing a high quality reinforcement connection in a structural concrete joint, eliminating complicated shuttering procedures, minimising formwork damage.

Each unit consists of a galvanized steel, semi-raise / hole perforated casing with a convenient tear off protective cover.

Reinforcement bars coming from the concrete are housed within the casing. When the cover is removed, the bars can be straightened ready for lapping on to the reinforcement for subsequent concrete pours. The semi-raise / hole perforations provided on the body enhance an effective bond and key with the concretes.



**“Pullout Box is a quick and safe method of achieving a high quality reinforcement connection in a structural concrete joint”**

**TMI**®  
شركة تصنيع المعادن الفنية ذ.م.م.  
Technical Metal Industrial Co. L.L.C.



# Pullout Box

## FIXING INDICATION

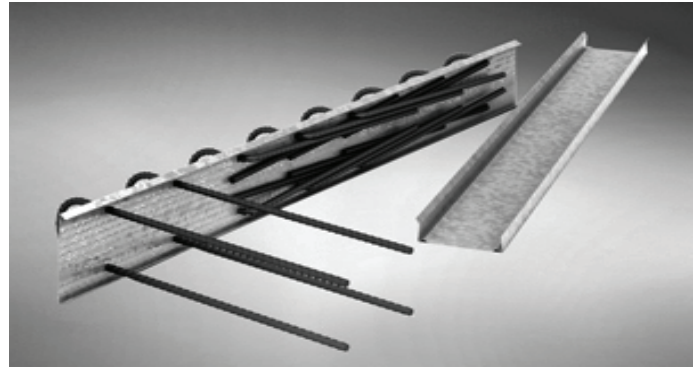
- The units are widely used on site by nailing to formwork, prior to concrete pour. Alternately, it can be tied to the main reinforcement by wire,
- Reinforcement bars coming from the structure, for future concrete extension work are housed within the case, from the rear face, and are enclosed by protective steel cover.
- After the concrete is poured and the formwork stuck, the lid is removed to provide connection or overlap to bars, for subsequent concrete work
- The in-housed bars are bent out of the case to provide an overlap connection to the main reinforcing steel enabling for the next concrete pour.

**STEP 1**  
Nail to inside of formwork or tie to reinforcement.

**STEP 2**  
Fixing tear-off cover, before connecting

**STEP 3**  
Remove tear-off cover, for next use.

**STEP 4**  
Straighten bars with rebending tool for connection to subsequent concrete.



Parameters	Pullout Box		Cover
	(Hole perforation)	(Semi-raised perforation)	
<b>Length</b>	up to 3m	up to 3m	up to 3m
<b>Width</b>	up to 400mm	up to 400mm	up to 400mm <i>(as an easy fit to pullout box)</i>
<b>Upstand</b>	30mm	30mm	20mm
<b>Thickness</b>	0.7, 1.0, 1.5mm	0.35 to 0.8mm	0.35 to 0.8mm

Special length, width, upstand and thickness are available upon request only.  
Holes for reinforcement bars can be provided on the main case upon request.  
**Material:** Galvanized Steel to BS EN 10346:2009, ASTM A653/A653M

## KEY BENEFITS

- Easy to use . Can be nailed quickly to formwork or tie to the main reinforcement.
- No high skill is involved for fixing, which minimise installation cost.
- Formwork systems do not required to be drilled, damaged or repaired.
- Semi-raise / hole perforated casing allows free air flow, hence, assisting removal of entrapped air.
- Semi-raise / hole perforated casing avoid the need for joint preparation for subsequent pours. That is, further joint preparation using mechanical tools such as scabbling, a time consuming process with health and safety concerns, can be avoided.
- The reinforcement bars are housed within the case until ready for straightening. As such, there are no protruding bars to cause injury and the working space available is enhanced.

## CONTACT US

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