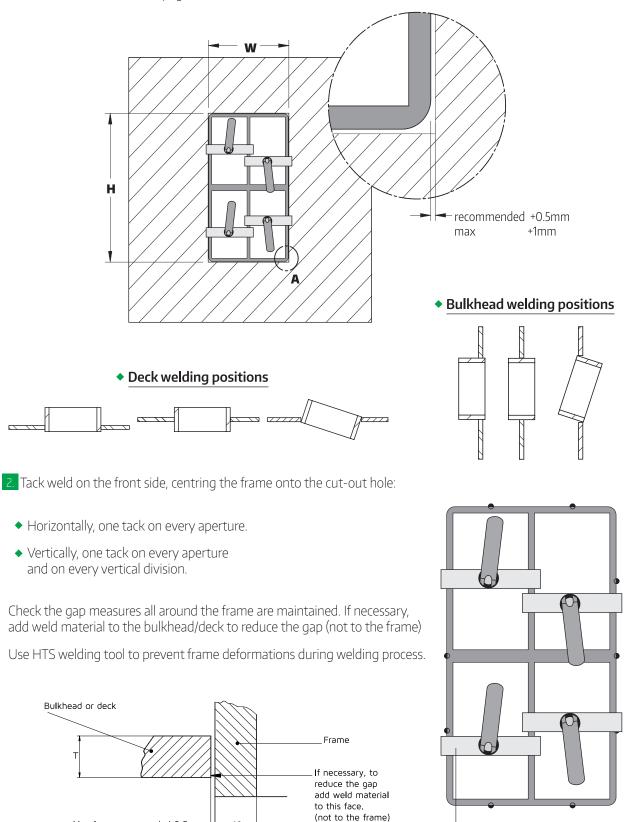


## ightarrow standard welding instructions

1. Check the measures of the precut hole and external dimensions of the frame. Recommended gap around the frame is in between 1mm and 2mm (0.5-1mm on every side of the frame). See frames dimension chart page...19



<sup>•</sup> Welding tool (See page..77) can be used to prevent deformation during the welding.

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Max 1mm, recomended 0,5mm

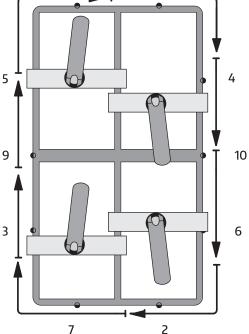


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3. Start welding the frame with a sealing fillet weld on the backside. Follow appropriate welding sequence. This welding throat should not excess of 3mm.



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	ſ	1 SMAW		Máx. Heat Input (KJ/mm)		
Heat Input (KJ/mm) = $\frac{V \cdot I \cdot \eta}{vel \cdot 1000}$	ŋ = <b>{</b>	0,8 GMAW / FCAW		Mild Steel	Stainless Steel	Aluminium
V = volts /I = amperes / vel = mm/s	L	_0,6 GTAW	a = 3 mm	1,2	1,1	2
$\mathbf{v}$ = volts/ $\mathbf{i}$ = amperes/ver = mm/s						

Frame

If necessary, to reduce the gap add weld material to this face.

(not to the frame)

4. Grind off weld tacks before start filled weld. Weld runs should not start or stop at a tack weld but should run over a tack.

Follow same welding sequence for correct procedure.

Max 1mm, recomended 0,5mm

The interpass temperature should not exceed 200°C for mild steel and aluminium and 150°C for stainless steel.

This welding throat should not excess following values:

