

1245462872023/06/ED/TRACK-1/RDSO

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### **Proforma for Monitoring the Performance of ‘High Performance Rail Clamp’(HPRC)**

**Firm's name:** ..... **Make of the Clamp:** Codiun Clamp

(a) Railway/ Division.....

(b) Section (Name of line or branch).....

(c) Traffic density (GMT).....(d)Sectional speed.....

(e) Rail Section..... (f)Sleeper Density.....,

(g) Ballast cushion.....mm (h) Condition of ballast compaction.....

(i) Between stations.....to.....

(j) Kilometerage.....to.....

(k) Straight/Curve (Degree of curvature).....

(l) Fishplate drawing no.....

(m) High Performance Rail clamp version (as specified by OEM).....

(n) Monitoring period from date.....to.....

(o) Total GMT passed during monitoring period.....GMT

**a) Regarding shifting & crack/breakage of:-**

**b) Regarding corrosion of:-**

- c) Other Remarks (If any):**

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**Appendix-B****PHYSICAL FEATURES OF HPRC CLAMPS**

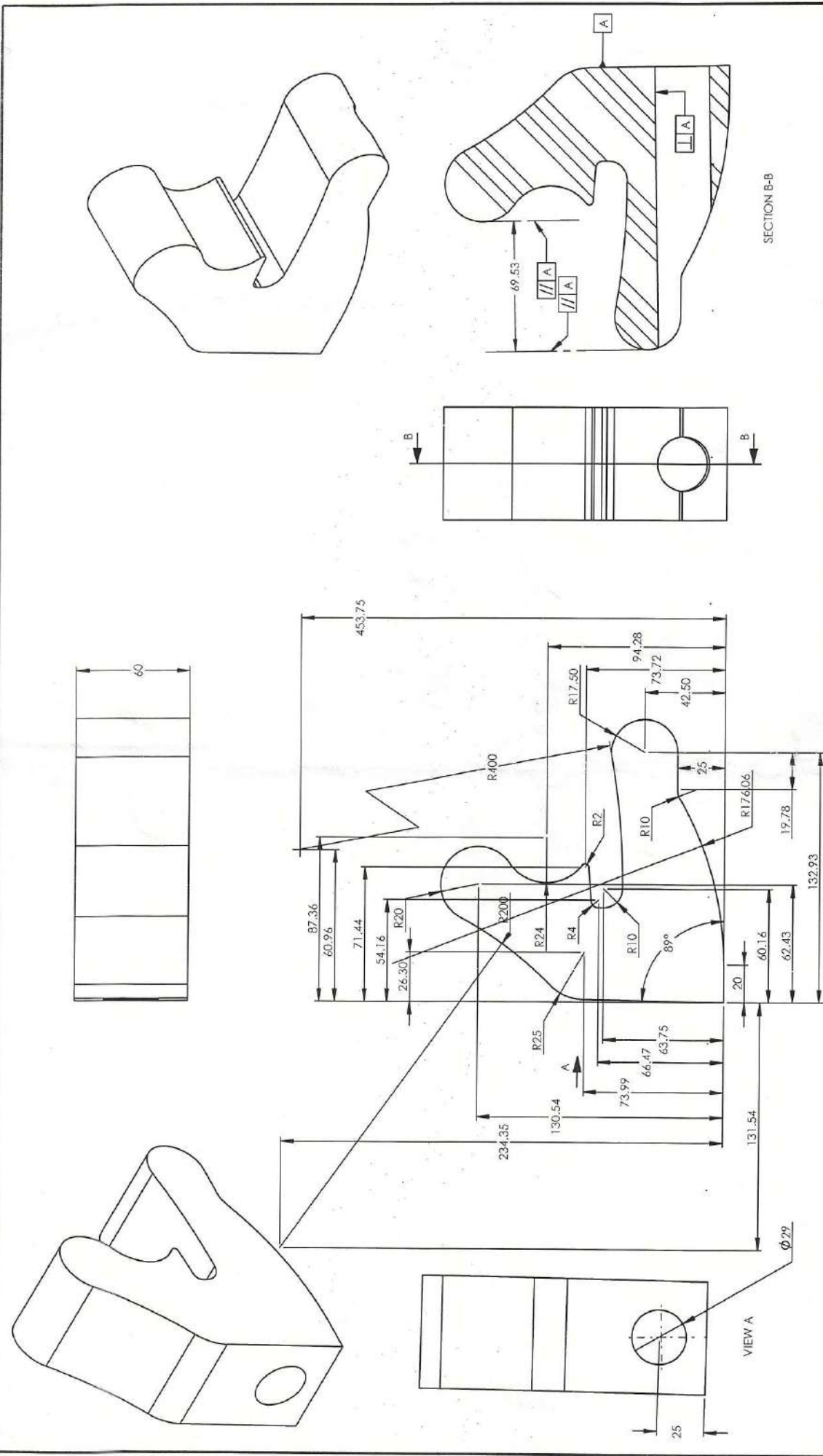
<b>S N</b>	<b>HPRC CLAMP</b>	<b>MATERIAL</b>	<b>WEIGHT OF HPRC CLAMP (PER SET)</b>	<b>LENGTH ALONG THE RAIL</b>	<b>Torque to be applied Nm</b>
1	Robel 68.05 Ver. 13	EN-GJS- 500-10	12.5 kg	100 mm	580
2	Robel 68.05 Ver. 06		21.5 kg	190 mm	
3	Codiun MK 8	S355 Steel plate	10.2 kg	60 mm	400
4	Codiun MK 2 T-5848		10.2 kg	60 mm	

**TORQUE WRENCH**

- Must be equipped with setting scale
- Suitable for torque respective torque value i.e 580 Nm & 400 Nm
- Approx weight 3 to 4 kgs
- Approx. length 900 to 1000 mm
- Suitable socket

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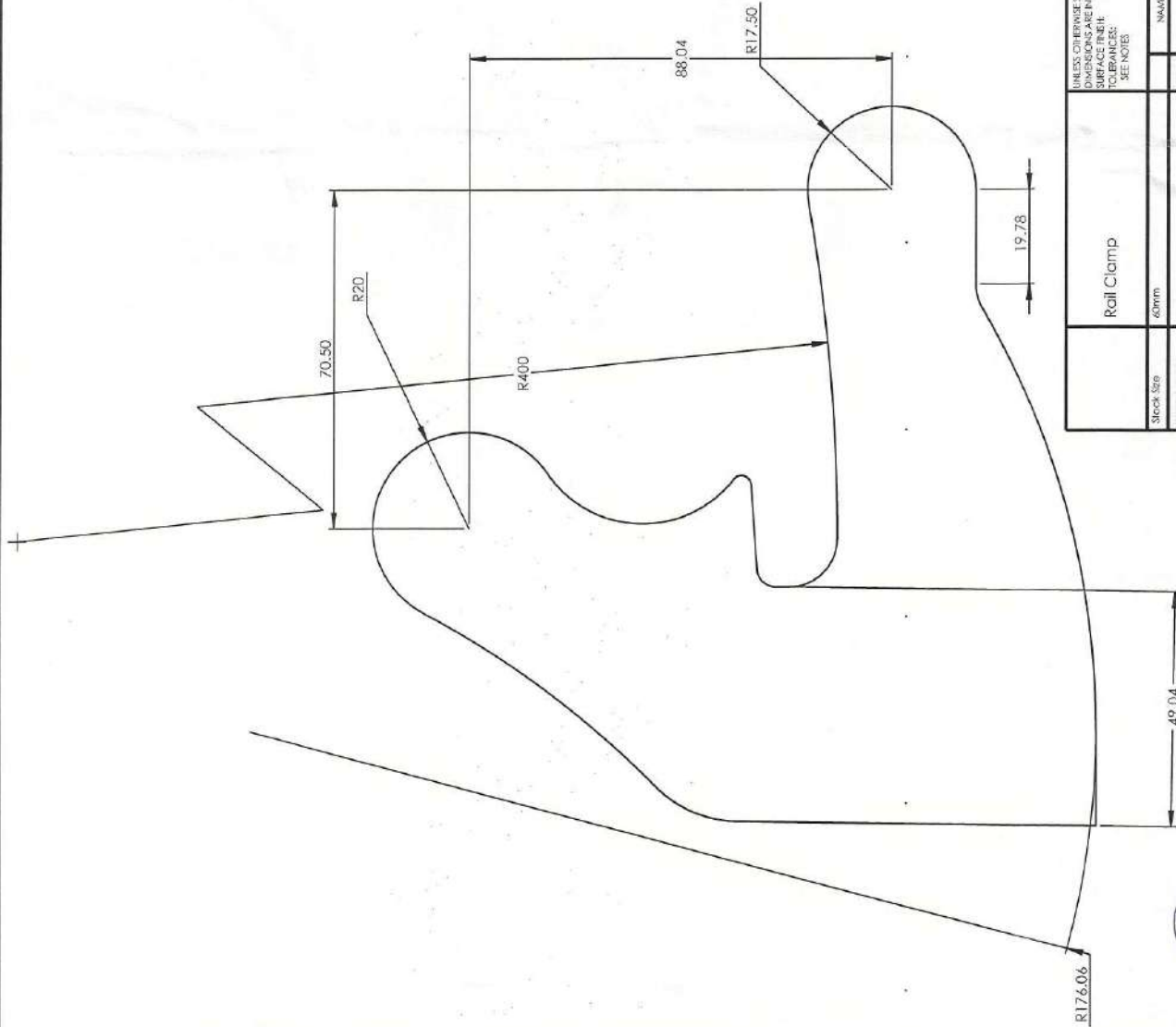






Rail Clamp		Painted Yellow		DO NOT SCALE DRAWING		REVISION		10	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: SEE NOTES		FINISH		DEBUR AND BREAK SHARP EDGES		TITLE		Mk8 clamp part 1	
SOURCE:		SOURCE:		SOURCE:		SOURCE:		SOURCE:	
NAME		ORGANISATION		DATE		DATE		DATE	
DRAWN		CHECKED		APPROVED		APPROVED		APPROVED	
Vendor No.		Vendor No.		Vendor No.		Vendor No.		Vendor No.	
Cost		Cost		Cost		Cost		Cost	
Configuration		Configuration		Configuration		Configuration		Configuration	
Client		Client		Client		Client		Client	
Codiun Rail Ltd		Codiun Rail Ltd		Codiun Rail Ltd		Codiun Rail Ltd		Codiun Rail Ltd	
Material		Material		Material		Material		Material	
BS EN 10210-2:S355		BS EN 10210-2:S355		BS EN 10210-2:S355		BS EN 10210-2:S355		BS EN 10210-2:S355	
Weight		Weight		Weight		Weight		Weight	
4607.33		4607.33		4607.33		4607.33		4607.33	
Scale		Scale		Scale		Scale		Scale	
1:1		1:1		1:1		1:1		1:1	
Sheet		Sheet		Sheet		Sheet		Sheet	
1 OF 3		1 OF 3		1 OF 3		1 OF 3		1 OF 3	







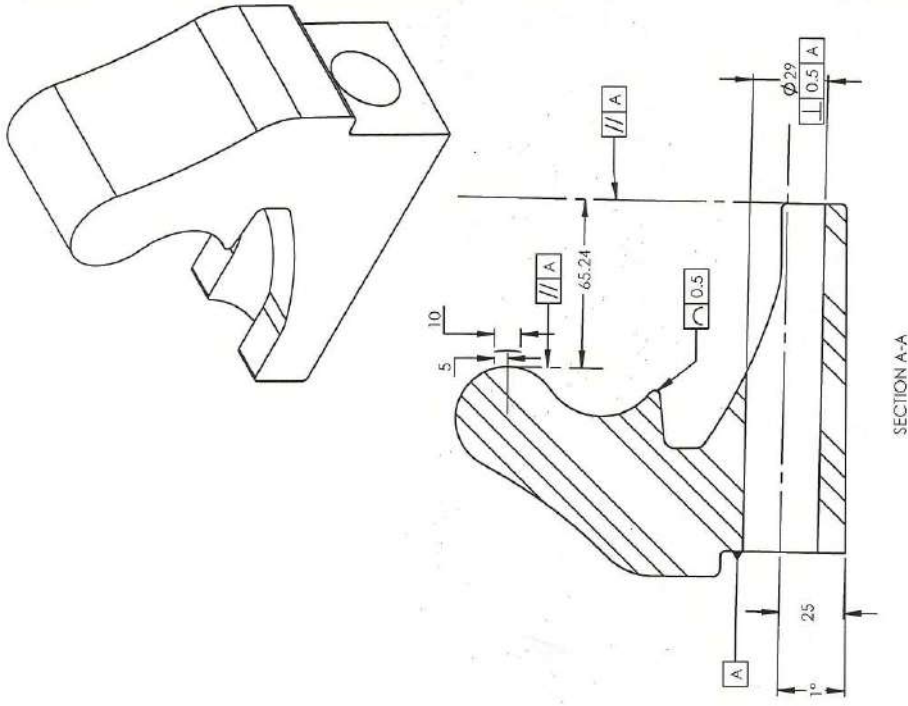
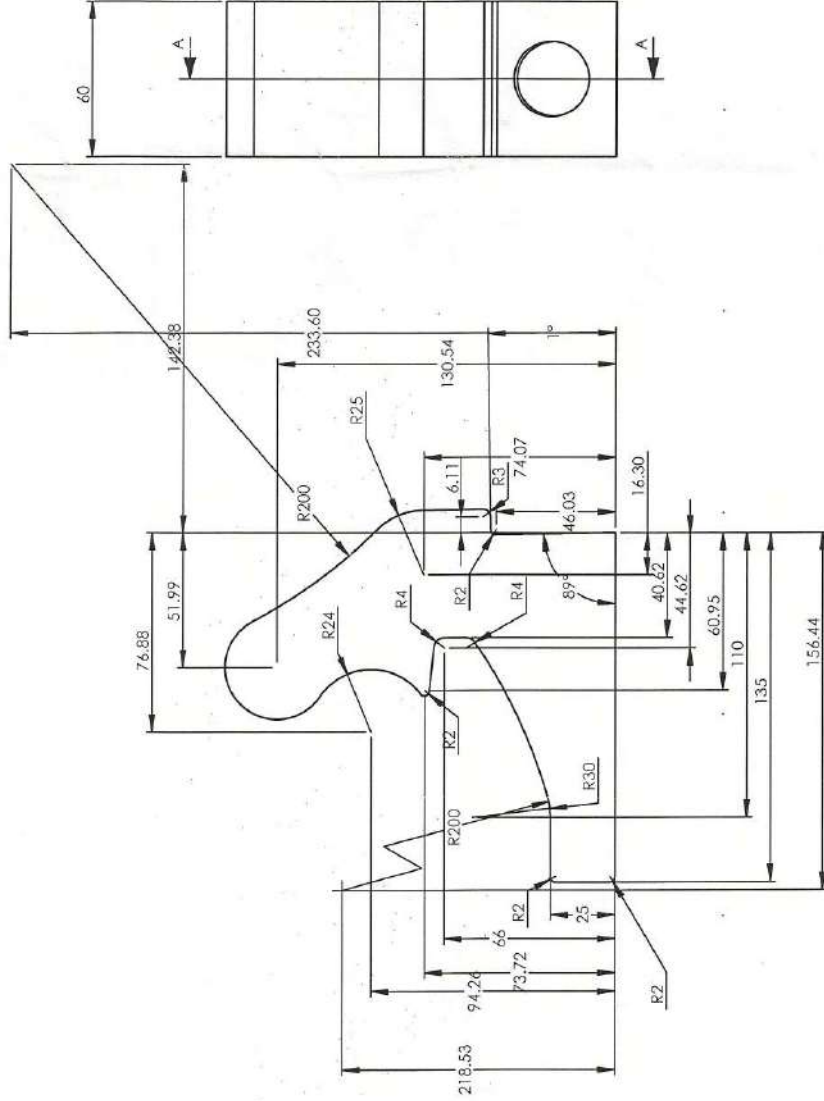
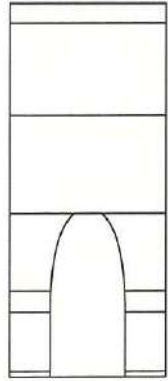
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: SEE NOTES										FINISH: Painted Yellow SOURCE: Flame-cut profile		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		10			
Rail Clamp										NAME		ORGANISATION		DATE		TITLE Mk8 clamp part 1					
Stock Size		40mm								DRAWN											
Stock Length										CHKD											
Vendor No.										APPVD											
Coat										MFG											
Configuration		Default								Q.A.						MATERIAL BS EN 10210-2:S355		DWG NO. 28091404			
Client		Codiun Rail Ltd												Third angle Projection		WEIGHT: 4602.03		SCALE:1:1		SHEET 2 OF 3	





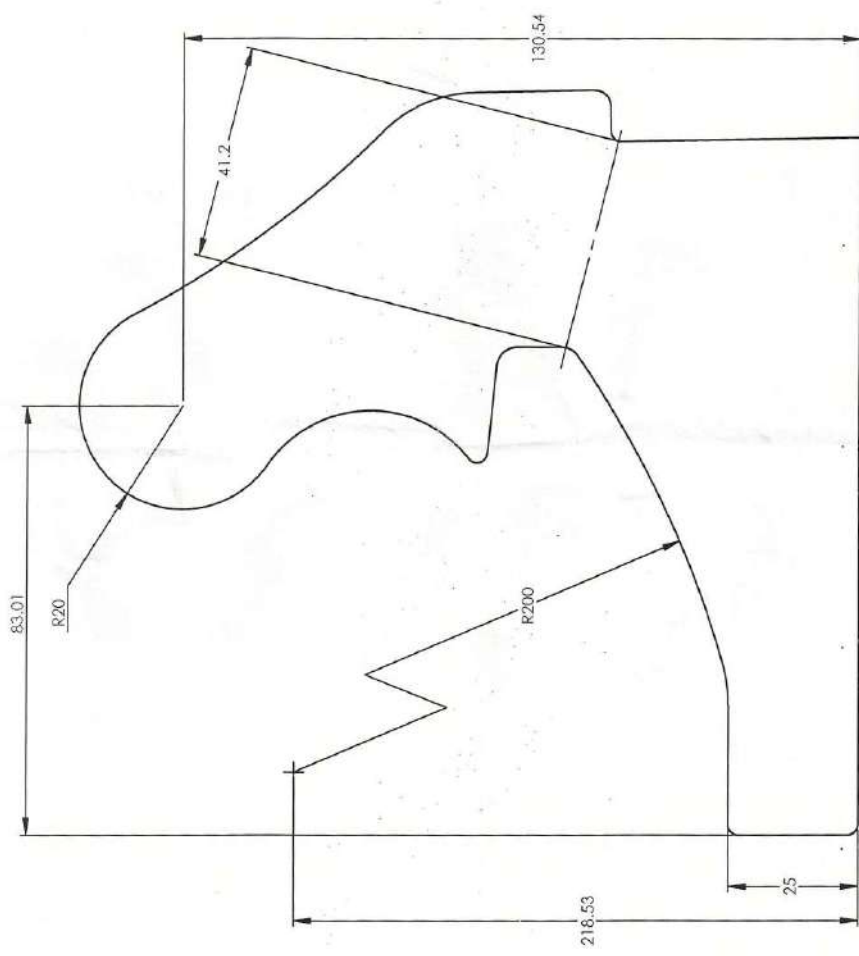
Signature Not  
Verified  
All Changes  
Signed by  
Date: 2024-06-17  
Reason: New Detail  
IRPS-CRIS  
17:06:03









Rail Clamp		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH TOLERANCES: SEE NOTES		FINISH Painted Yellow		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		10	
60mm		NAME		ORGANIZATION		DATE		TITLE		Mk8 clamp part 2			
Stock Length		DRAWN											
Vendor		CHECKED											
Vendor No.		APPROVED											
Cost		WFG											
Configuration		QA								DWG NO.		30091421	
Codiun Rail						BS EN 10210-2:S355							
Client										SCALE: 1:2		SHEET 1 OF 3	



Rail Clamp		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: SEE NOTES		FINISH: Painted Yellow		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		10	
		SOURCE: Flame-cut profile						T					
Stock Size		40mm		NAME		ORGANISATION		DATE		TITLE: Mk8 clamp part 2			
Stock Length				DRAWN									
Vendor				CHKD									
Vendor No.				APPVD									
Coat				MFG									
Configuration		Default		QA				MATERIAL: BS EN 10210-2:S355		DWG NO.: 30091421		A3	
Client		Codiun Rail						WEIGHT: 410x31		SCALE: 1:1		SHEET 2 OF 3	