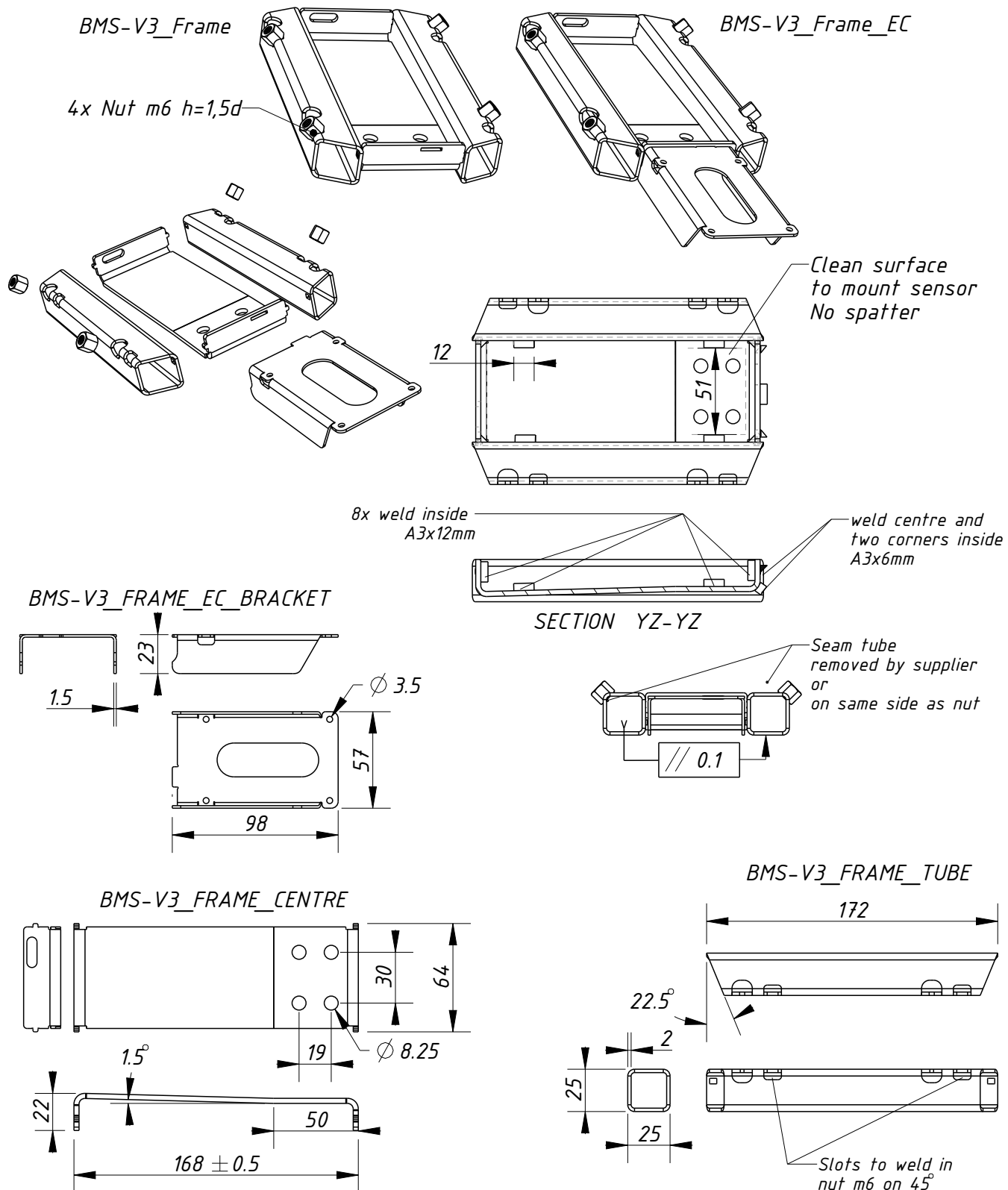
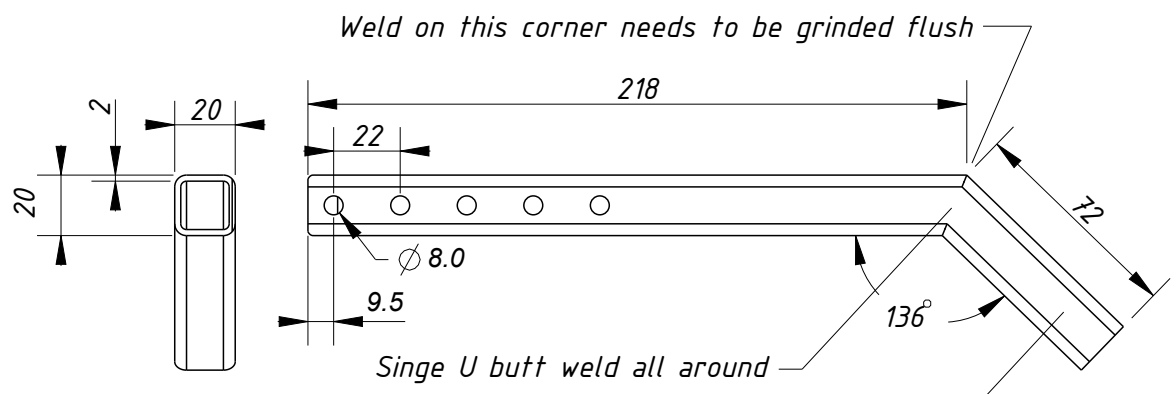
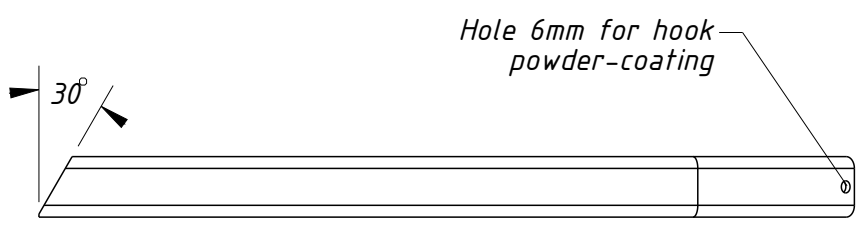
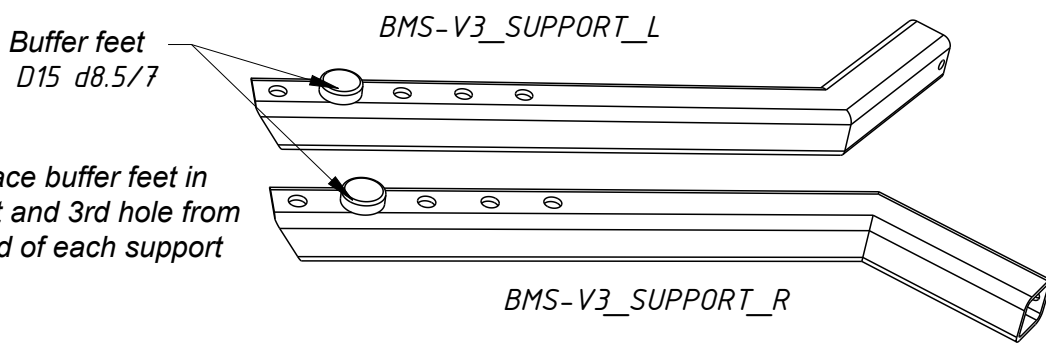


Volume		Mass	
Material	Stainless steel AISI 304	Treatment	
			Stichting BEEP Hoofdstraat 248 3972 LK, Driebergen The Netherlands
Remarks:		Date	2019-10-11
		Project:	Beep Measurement System
		Part:	Total assembly
		Version	
		scale	0.150
		Sheet:	1 / 5
			A4



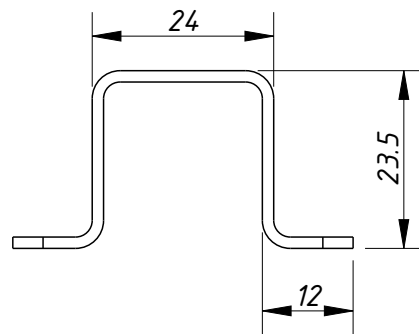
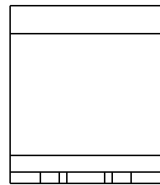
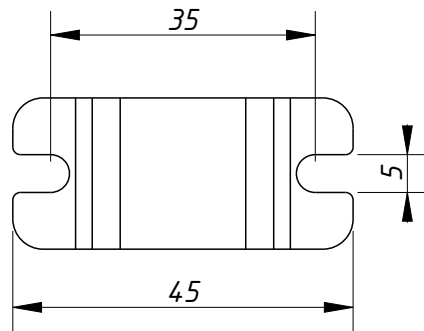
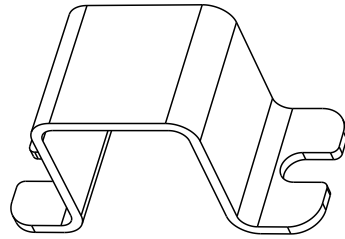
Volume		Mass		
Material	Stainless steel AISI 304	Treatment	powder-coated RAL 1018 Satin	
Tolerances +/- 0,2mm Angles +/-15' unless otherwise stated			Stichting BEEP Hoofdstraat 248 3972 LK, Driebergen The Netherlands	
Remarks:		Project:	Beep Measurement System	
	Date	2019-10-11	Part:	Frames
	scale	0.300	Version	
	Sheet:	2 / 5		



NB: Top surface (with holes) of supports is most important to be completely flat for minimizing system tolerances, because this is pushed against the inside of BMS-V3_FRAME_TUBE

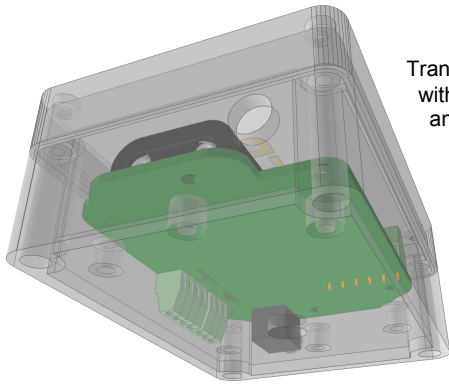
Volume		Mass		
Material	Stainless steel AISI 304	Treatment	Clean outside surface, or powder-coat RAL 7016 Satin	
Tolerances +/- 0,5mm Angles +/-20' unless otherwise stated			Stichting BEEP Hoofdstraat 248 3972 LK, Driebergen The Netherlands	
Remarks:				
		Project:	Beep Measurement System	
Date		2019-10-11	Part:	BMS-V3_SUPPORT_L + R
		Version	3	
scale		0.400		
Sheet:		3 / 5		

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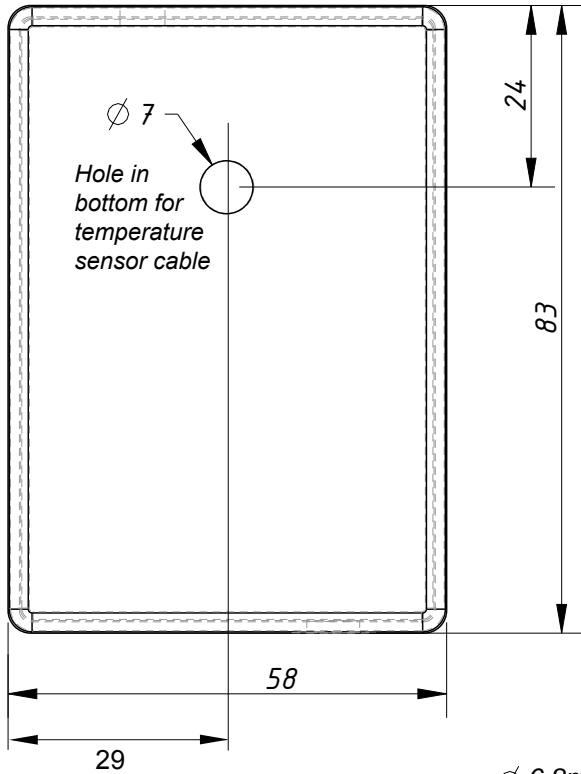
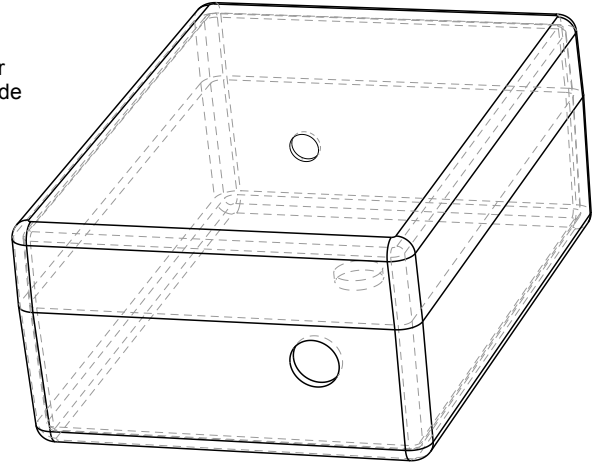


Volume		Mass		
Material	Stainless steel AISI 304	Treatment	deburred by tumbling	
Tolerances +/- 0,2mm unless otherwise stated			Stichting BEEP Hoofdstraat 248 3972 LK, Driebergen The Netherlands	
Remarks:		Project:	Beep Measurement System	
	Date	2019-10-11	Part:	BMS-V3_CLAMP
			Version	
	scale	1.000		
	Sheet:	4 / 5		

A4

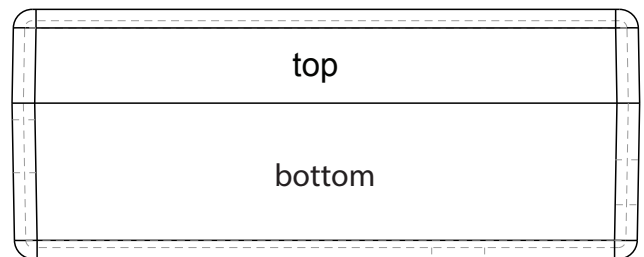
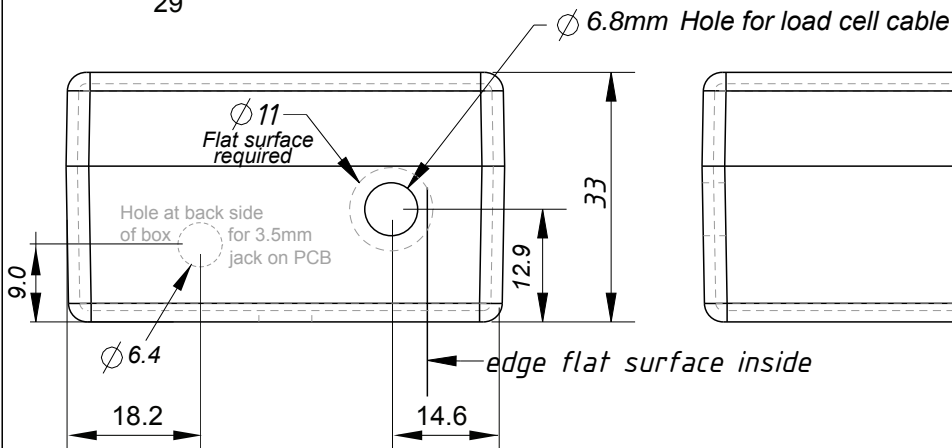
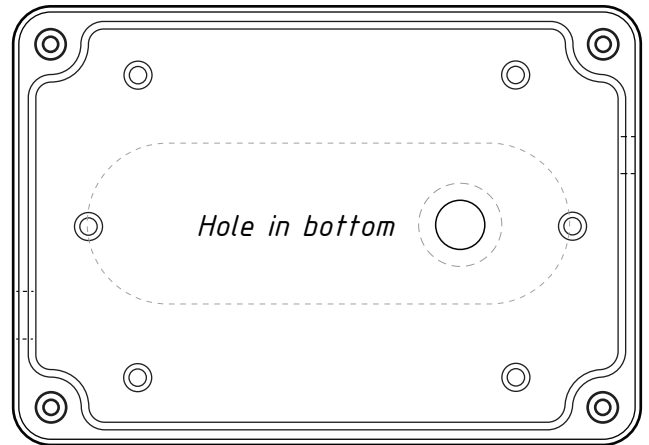


Transparent box preview
with cable weight sensor
and BMS-V3_PCB inside



Double circles: 6x screw cilinder at bottom box hole diam 3.5mm, height 5mm, 4x messing insert at corners diam 2.5mm

inside bottom box



Volume	83 x 58 x 33 mm	Mass	
Material	Plastic IP67 water proof (e.g. PVC)	Treatment	
Load cell Bosche H40A cut at 10 cm cable thickness: 5mm (Skindicht LA5 grommet) DS18b20 Temperature sensor 2m cable thickness: 3.5mm (Skindicht LA3 grommet)			Stichting BEEP Hoofdstraat 248 3972 LK, Driebergen The Netherlands
Remarks: All sizes in mm Cable grommets are placed inside holes of 2x 7mm (LA5/LA3). Rubber cap is placed inside 3.5mm jack			
Date: 2019-10-11		Project: Beep Measurement System	
		Part: electronics box	
scale: 1.000		Version	
Sheet: 5 / 5		A4	