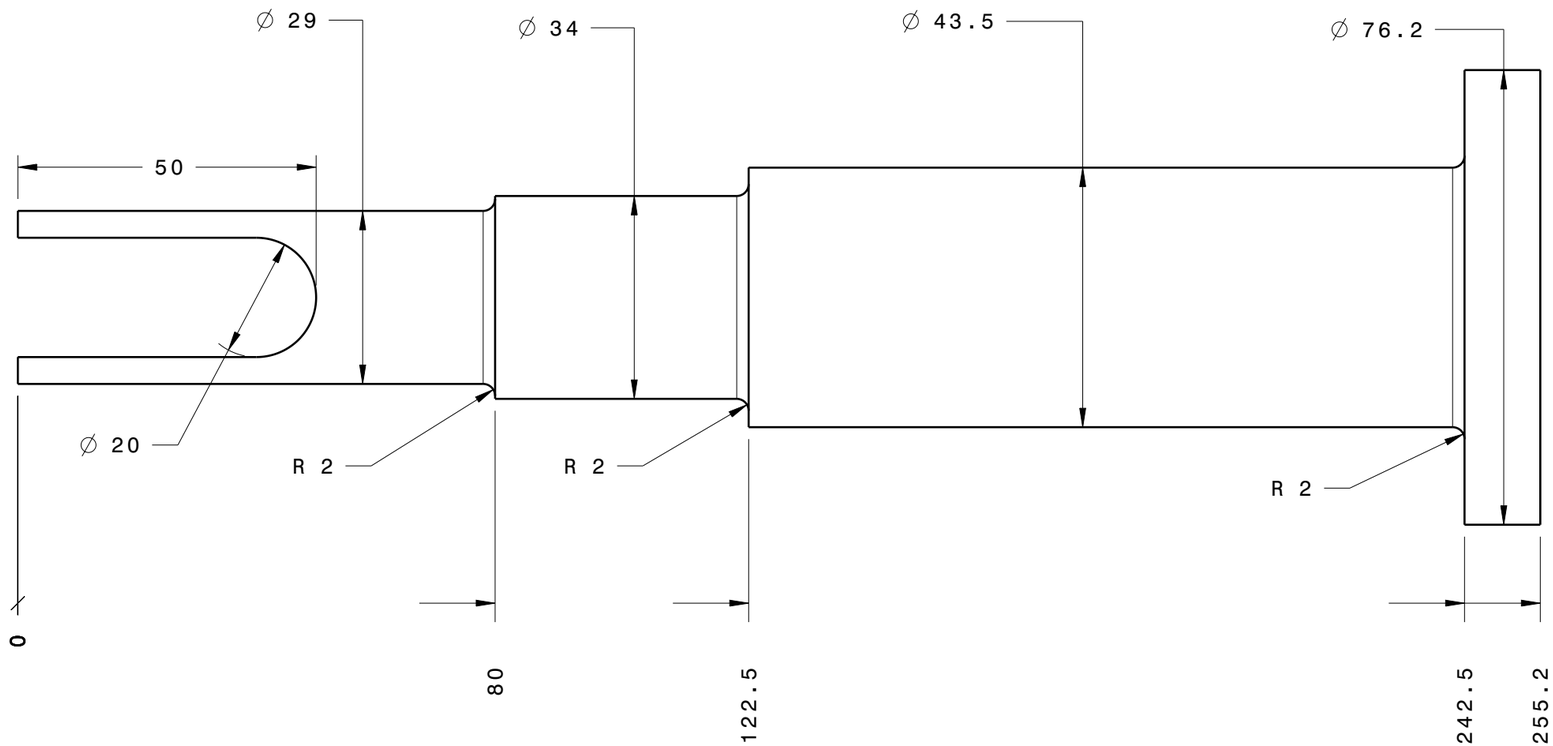

Front view
Scale: 1:1

Project: LDU REMAN

DATE	REV	DESCRIPTION	DRN	APPD
19-JAN-16	01	INITIAL RELEASE	VS	
17-FEB-16	02	ADDED FILLETS AND HARDNESS SPEC	VS	

REGULATORY COMPLIANCES

R1. ALL MATERIALS AND COATINGS MUST COMPLY WITH ALL APPLICABLE INTERNATIONAL ENVIRONMENTAL RELATED REGULATIONS, INCLUDING BUT NOT LIMITED TO EU DIRECTIVES WVTA, ELV, RRR, RoHS, WEEE, REACH AND BATTERY DIRECTIVE 2006/66/EC, WHICH ARE DESCRIBED IN DETAIL AT THE GADSL LIST IN ITS LATEST VERSION AT THE TIME OF USE (http://www.gadsl.org). REFER TO TESLA SPEC DOC# BMS-0000147 FOR DETAIL.
R2. ALL MATERIALS AND COATINGS MUST COMPLY WITH EU DIRECTIVE 2000/53/EC (ELV DIRECTIVE).
R3. COMPONENT TO CONFORM TO EU DIRECTIVE 2003/138/EC (MATERIAL CODING DIRECTIVE).
R4. MATERIAL MUST COMPLY WITH FMVSS 302 OR BETTER

GENERAL NOTES

G1. THE MASTER SOURCE OF INFORMATION FOR THIS DOCUMENT IS A COMPUTER DATABASE.
G2. 3D CAD DATA SUPPLIED IS TO BE USED TO PRODUCE PRODUCTION TOOLING AND FOR INSPECTION.
G3. PRINTED DOCUMENT IS UNCONTROLLED - DOCUMENT OBSOLETE WHEN PRINTED.
G4. THIS ASSEMBLY SHALL COMPLY WITH GRADE "B" BATCH TRACEABILITY REQUIREMENTS PER TESLA MOTORS SPECIFICATION BMS-0000051.
G5. PART TO BE LABELED WITH PART NUMBER IN THE AREA SHOWN PER TESLA PART LABELING SPECIFICATION BMS-0000007.
G6. THIS COMPONENT MUST BE PACKAGED IN ACCORDANCE WITH TESLA MOTORS SPECIFICATION BMS-0000005.
G7. COMPONENTS TO BE PLACED IN POLY BAG. BAG TO BE MARKED WITH PART NUMBER, REVISION, QUANTITY, P.O. NUMBER, MANUFACTURING DATE AND VENDOR.
G8. COMPONENTS TO BE PLACED IN CARTON MARKED FOR SHIPPING IN ACCORDANCE WITH TESLA MOTORS SPECIFICATION BMS-0000003.
G9. ANY PERMANENT TOOLING CONSTRUCTED TO MANUFACTURE THIS COMPONENT SHALL BE PROPERTY OF TESLA MOTORS, INC. AND SHALL BE PERMANENTLY MARKED WITH "TESLA MOTORS INC.", TOOLING PART NUMBER AND DATE.

DIMENSIONAL NOTES

D1. INTERPRET SPECIFICATIONS PER GEOMETRIC DIMENSIONING & TOLERANCING ASME Y14.5-2009
D2. CAD UNITS ARE MILLIMETERS AT 1:1. TOOLING SUPPLIER TO ALLOW FOR MATERIAL SHRINKAGE.
D3. DIMENSIONS APPLY AFTER FINISHING OPERATIONS, UNLESS OTHERWISE SPECIFIED.
D4. HARDCOPY IS NOT TO SCALE. DO NOT SCALE IMAGES.
D5. DIMENSIONS ARE TO THEORETICAL SHARP CORNERS.
D6. UNLESS OTHERWISE SPECIFIED: DRAFT ON EXTERNAL FEATURES IS TBD°
DRAFT ON INTERNAL FEATURES IS TBD°
D7. TOLERANCES UNLESS OTHERWISE NOTED:

SURFACES WITH BLENDED UNIFORMITY	ALL TRIM EDGES	ØSIZE ±0.25 CIRCULAR FEATURES	SIZE ±0.25 NON-CIRCULAR FEATURES
⌓ 2 A B Ⓜ C Ⓜ	⌒ 2 A B Ⓜ C Ⓜ	⌖ Ø2 Ⓜ A B Ⓜ C Ⓜ	⌖ 2 Ⓜ A B Ⓜ C Ⓜ

CAD FILE NAME	CAD FILE VERSION
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DRAWN BY	V. SILVA	DATE	17-FEB-16

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MATERIAL
4130 ALLOY STEEL

FINISH	EST. MASS (g)
54 HRC MIN, 57 HRC MAX	2372

THIRD ANGLE PROJECTION	DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.	SCALE	SHEET SIZE
		1:1	B

ITEM NAME
HALF SHAFT REMOVAL TOOL

ITEM NUMBER	REVISION	SHEET
1082202-00-A	02	1 OF 1

B HALF SHAFT REMOVAL TOOL | REV 02 | PDM VERSION 01.0