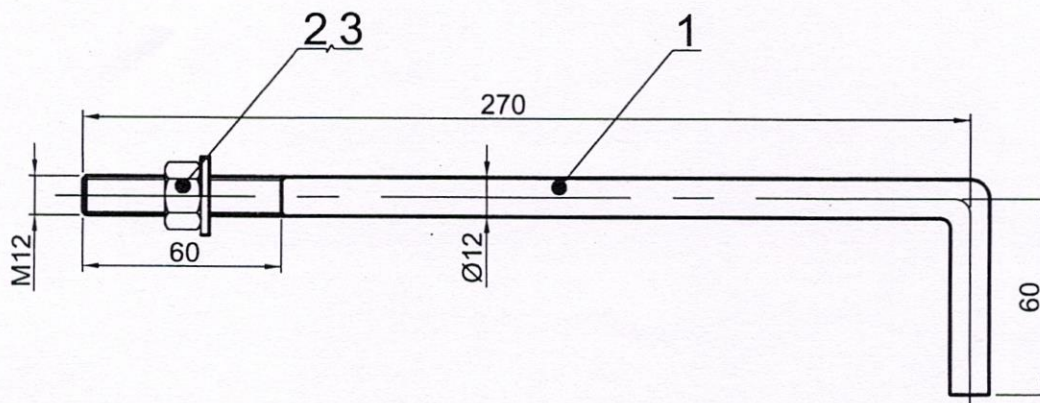


ALL DIMENSIONS ARE IN MM

REV 01	DATE 3.2.10	ALTERED CHECKED APPROVED
-----------	----------------	--------------------------------

DIMENSIONS 270 AND 60 WERE
RESPECTIVELY 230 AND 40

1.6/✓

QUANTITY.. 222Nos

3	WASHER 12		IS:2016	0.006
2	HEX. NUT M12		P8 IS:1364	0.017
1	ANCHOR BOLT		AISI-310	0.314
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME P. RAMAKRISHNAN	SIGNATURE	DATE 23.12.04
CHD	SSN.KUMAR		
APPD	S.SHANMUGASUNDARAM		

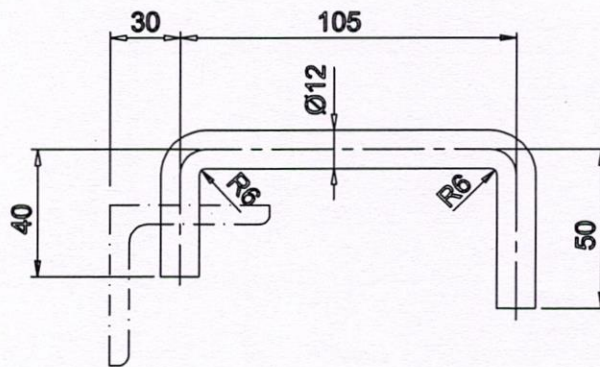
DEPT MPG	GRADE OF UNTOL. DIM Ø/M/F	SCALE 1:2	WEIGHT (Kg) 0.337	REF TO ASSY DRG	ITEM NO
CODE				REF TO OLD DRG FD-0427-19	
TITLE ANCHOR BOLT BURNER GUARD BLOCK MOUNTING	CARD CODE U 01	DRAWING NO : 4-7-1101-01-06294	REV 01		

SCANNED

ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	02.09.14	CHECKED	<i>R.K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border inserted



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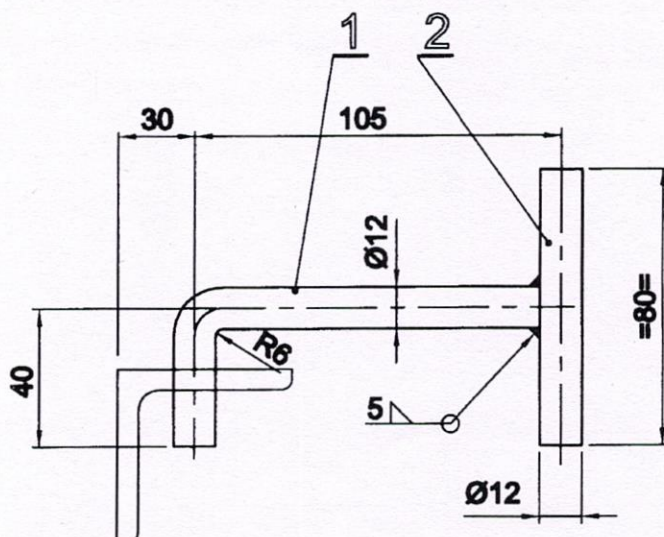
ITEM NO	DESCRIPTION	DRAWING NO	AISI-304		45	
			MATL CODE		UNIT WT	
			MATL SPEC		QTY	
EQPT: ROTARY HEARTH FURNACE						
		Bharat Heavy Electricals Ltd		NAME	SIGNATURE	DATE
SEAMLESS STEEL TUBE PLANT		DRN	SSN.KUMAR	<i>SSN.Kumar</i>	3.1.05	
TIRUCHIRAPALLI - 620014		CHD	SSN.KUMAR	<i>SSN.Kumar</i>	3.1.05	
		APPD	S.S.SUNDARAM	<i>S.S.Sundaram</i>	3.1.05	
DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM	
SSTP	Ø/M/F	1:2	0.162	—	—	
CODE	IS: 2102			REF TO OLD DWG NO		
456				FA-0427-33/2		
TITLE			CARD CODE	DRAWING NO :	REV	
RHF - ANCHOR HOOK			U 01	4-7-1101-01-06325	01	
INNER WALL						

A4-SIZE

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REV 01	DATE	ALTERED
		CHECKED
		APPROVED



QTY.45

2	ROD Ø12x80L			0.071
			AISI-304	1
1	ROD Ø12x133L			0.118
			AISI-304	1
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

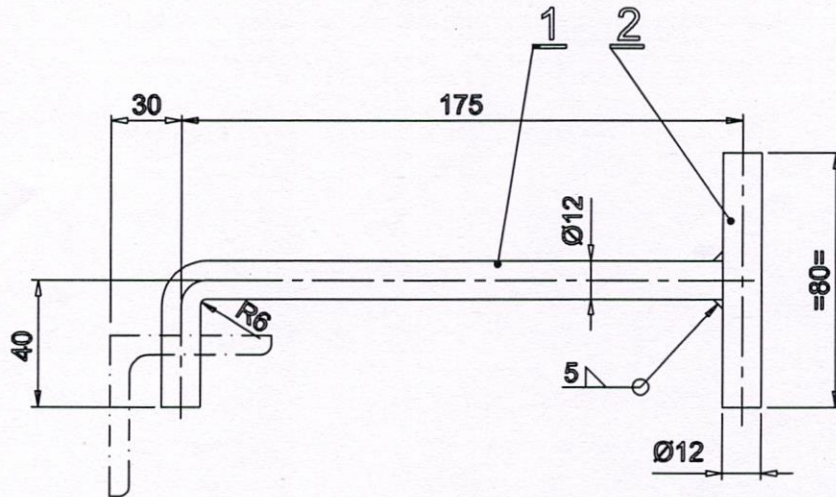
DRN	NAME SSN.KUMAR	SIGNATURE S.S.N. Kumar	DATE 3.1.05
CHD			
APPD	S.Shermugeunderam	<i>S.Shermugeunderam</i>	06/01/05

DEPT MPG	GRADE OF UNTOL DIM C/M/F	SCALE 1:2	WEIGHT (Kg) 0.189	REF TO ASSY DRG	ITEM NO
CODE				REF TO OLD DRG FA-0427-33/3	
TITLE ANCHOR HOOK INNER WALL			CARD CODE U 01	DRAWING NO : 4-7-1101-01-06326	REV 00

ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	03.09.14	CHECKED	<i>R. K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border inserted



QTY.145

2	ROD Ø12x80L		AISI-304	0.071
1	ROD Ø12x203L		AISI-304	0.180
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
CHD	SSN.KUMAR	<i>SSN.Kumar</i>	5.1.05
APPD	S.S.SUNDARAM	<i>S.S.Sundaram</i>	5.1.05

DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM
SSTP	456	1:2	0.251	REF TO OLD DWG NO	—
CODE	IS: 2102			FA-0427-33/4	
TITLE	RHF - ANCHOR HOOK INNER WALL			DRAWING NO :	REV
				4-7-1101-01-06327	01

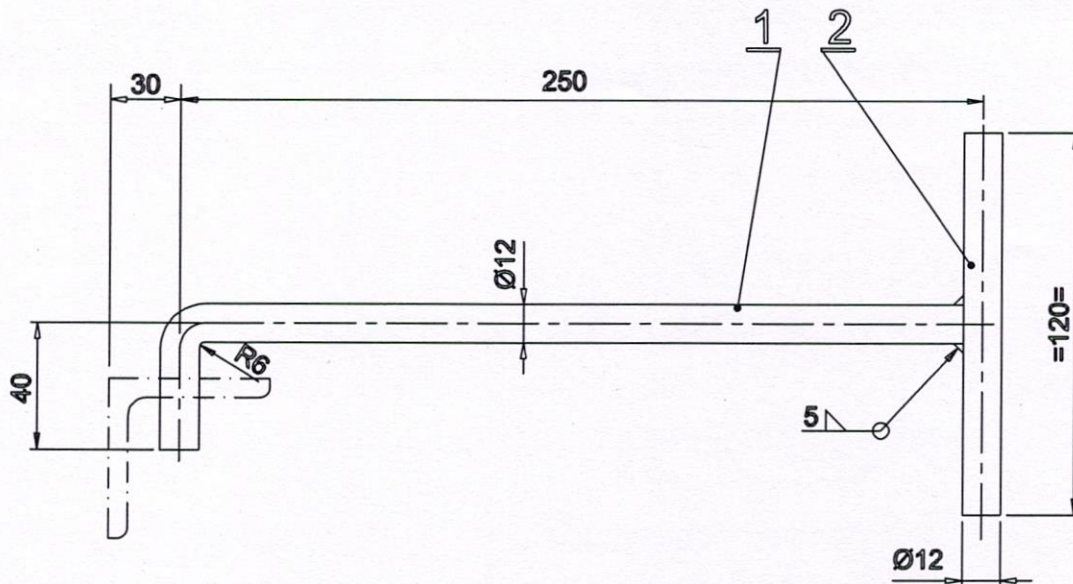
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ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	03.09.14	CHECKED	<i>R.K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border Inserted



QTY.95

2	ROD Ø12x120L		AISI-304	0.106
1	ROD Ø12x279L		AISI-304	0.248
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
SSN.KUMAR		<i>SSN.Kumar</i>	5.1.05
CHD	SSN.KUMAR	<i>SSN.Kumar</i>	5.1.05
APPD	S.S.SUNDARAM	<i>S.S.Sundaram</i>	5.1.05

DEPT SSTP	GRADE OF UNTOL. DIM Ø/M/F IS: 2102	SCALE 1:2	WEIGHT (Kg) 0.354	REF TO ASSY DWG NO -	ITEM -
CODE 456				REF TO OLD DWG NO FA-0427-33/5	
TITLE RHF - ANCHOR HOOK OUTER WALL		CARD CODE U 01	DRAWING NO : 4-7-1101-01-06328	REV 01	

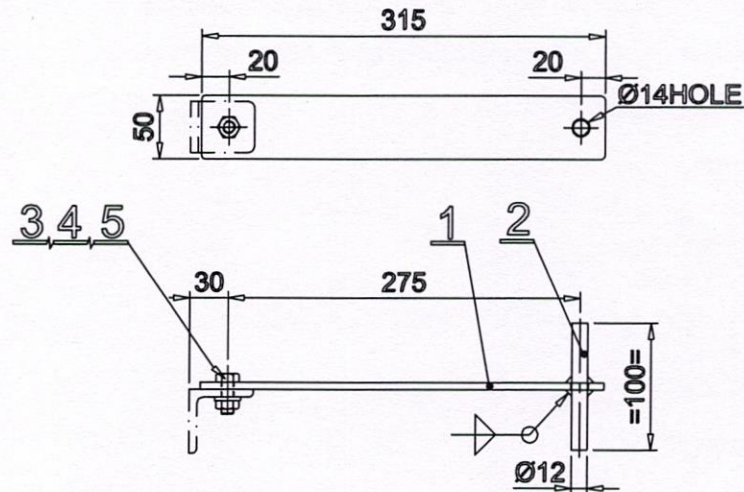
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ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	03.09.14	CHECKED	<i>R.K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border Inserted



QTY.170

5	SPRING WASHER 12		IS:3063	1	0.004
4	HEX.NUT M12		P8 IS:1364	1	0.017
3	HEX.SCREW M12x25L		P8.8 IS:1364	1	0.035
2	ROD Ø12x100L		AISI-304	1	0.089
1	FLAT 50x6T-315L		AISI-304	1	0.618
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT	
			MATL SPEC	QTY	

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
SSN.KUMAR	<i>SSN.Kumar</i>	<i>SSN.Kumar</i>	5.1.05
CHD	SSN.KUMAR	<i>SSN.Kumar</i>	5.1.05
APPD	S.S.SUNDARAM	<i>S.S.Sundaram</i>	5.1.05

DEPT SSTP	GRADE OF UNTOL. DIM Ø/M/F IS: 2102	SCALE 1:2	WEIGHT (Kg) 0.763	REF TO ASSY DWG NO -	ITEM -
CODE 456				REF TO OLD DWG NO FA-0427-33/6	
TITLE RHF - ANCHOR HOOK INNER WALL		CARD CODE U 01		DRAWING NO : 4-7-1101-01-06329	REV 01

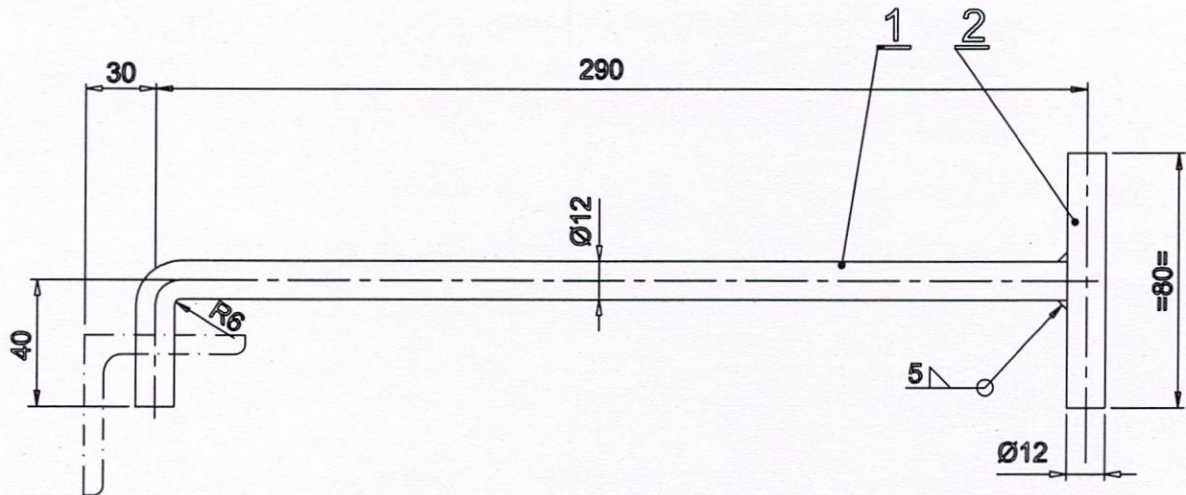
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ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	03.09.14	CHECKED	<i>R. K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border Inserted



QTY.16

2	ROD Ø12x80L		AISI-304	0.071
1	ROD Ø12x335L		AISI-304	0.298
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
SSN.KUMAR	<i>SSN.Kumar</i>	<i>SSN.Kumar</i>	5.1.05
CHD	SSN.KUMAR	<i>SSN.Kumar</i>	5.1.05
APPD	S.S.SUDARAM	<i>S. S. Sundaram</i>	5.1.05

DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM
SSTP	Ø/M/F	1:2	0.369	-	-
CODE	IS: 2102			REF TO OLD DWG NO	
456				FA-0427-33/7	
TITLE	RHF - ANCHOR HOOK OUTER WALL			DRAWING NO :	REV
				4-7-1101-01-06330	01
				CARD CODE	
				U 01	

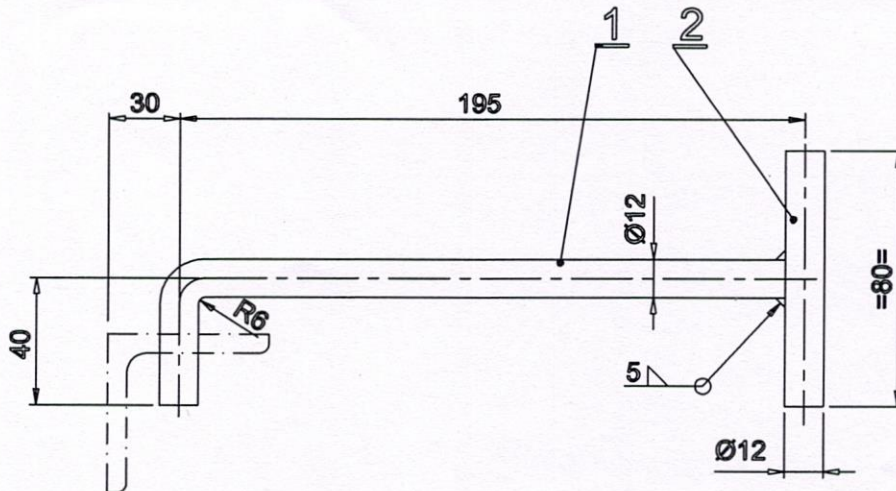
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ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED	<i>M. Ganesan</i>
01	03.09.14	CHECKED	<i>P. K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border inserted



QTY.30

2	ROD Ø12x80L		AISI-304	0.071
1	ROD Ø12x223L		AISI-304	0.198
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
CHD	SSN.KUMAR	<i>SSN.Kumar</i>	5.1.05
APPD	S.S.SUNDARAM	<i>S.S.Sundaram</i>	5.1.05

DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM
SSTP	Ø/M/F	1:2	0.269	-	-
CODE	IS: 2102			REF TO OLD DWG NO	
456				FA-0427-33/8	
TITLE	RHF - ANCHOR HOOK OUTER WALL			DRAWING NO :	REV
				4-7-1101-01-06331	01

A4-SIZE

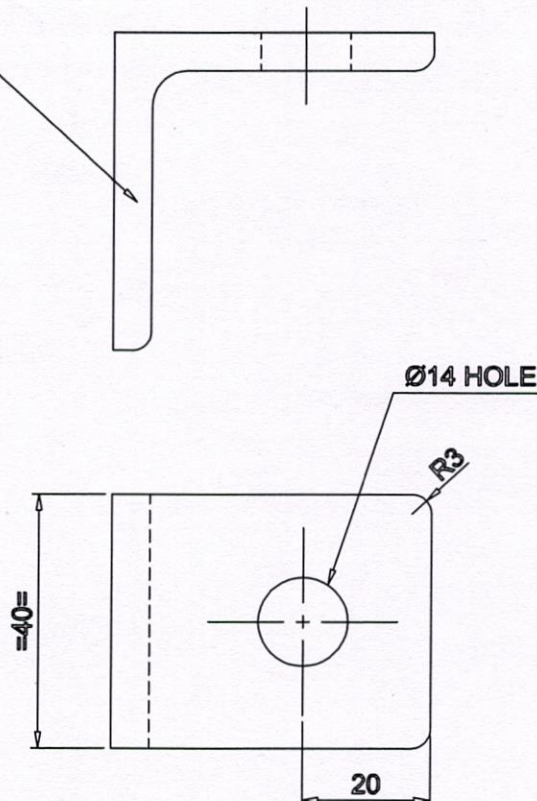
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ALL DIMENSIONS ARE IN MM

REV 01	DATE 03.09.14	ALTERED	<i>M. Ganesan</i>
		CHECKED	<i>R. K. Singh</i>
		APPROVED	<i>S. Loganathan</i>

New border inserted

ISA50x50x6T



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ITEM NO	DESCRIPTION	DRAWING NO	Fe410WA IS:2062		1000
			MATL CODE		UNIT WT
			MATL SPEC		QTY
EQPT: ROTARY HEARTH FURNACE					
		Bharat Heavy Electricals Ltd SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620014		NAME	SIGNATURE
DEPT		GRADE OF UNTOL. DIM	SCALE	WEIGHT (kg)	DATE
SSTP	456	φ/M/F IS: 2102	1:1	0.18	5.1.05
TITLE		CARD CODE	DRAWING NO :		REV
RHF - HOLDING ANGLE		U 01	4-7-1101-01-06332		01

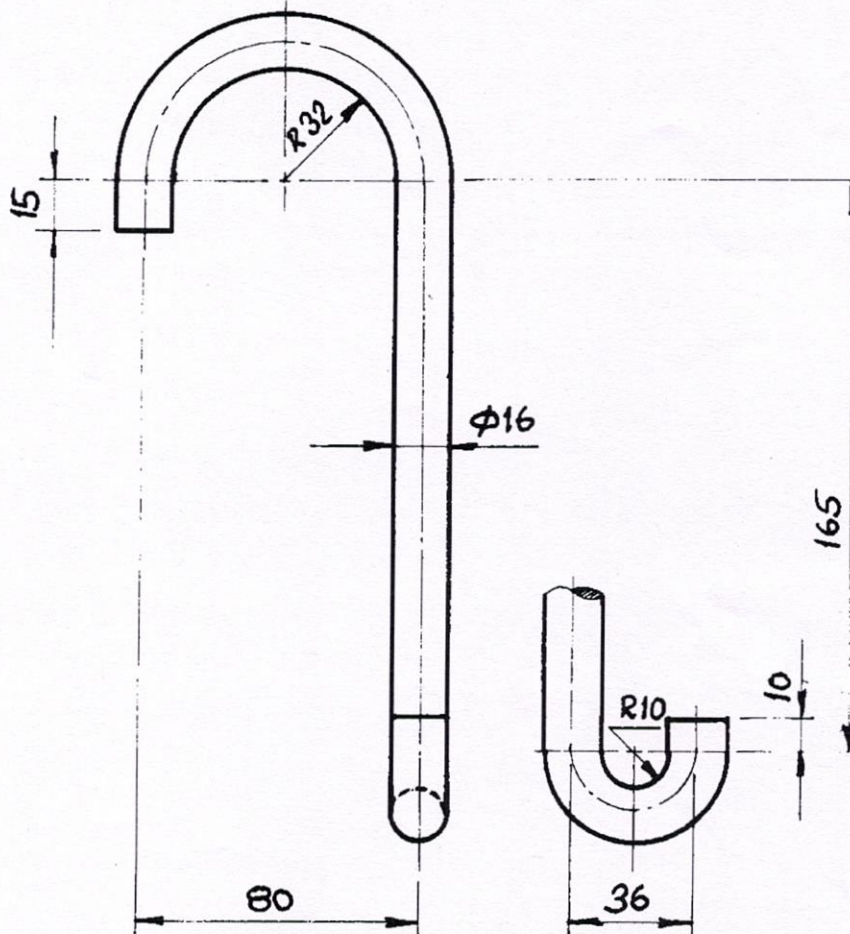
A4-SIZE

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

05-249 / B

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REV 01	DATE 12-3-99	ALTERED <i>S. Mohan Rao</i>
CHECKED <i>S. Mohan Rao</i>		
APPROVED <i>S. Mohan Rao</i>		
MATL. SPECN Fe410WC IS:2062 WAS C20 IS:2073		



INSTALLED QTY : 1362

ITEM NO.	DESCRIPTION		0.595
		Fe410WC IS:2062	1
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI- 620 014

DRN	NAME <i>G. Ramesh Babu</i>	SIGN <i>G. Ramesh Babu</i>	DATE 11-1-84
CHD			
APPD		<i>S. Mohan Rao</i>	11-1-84

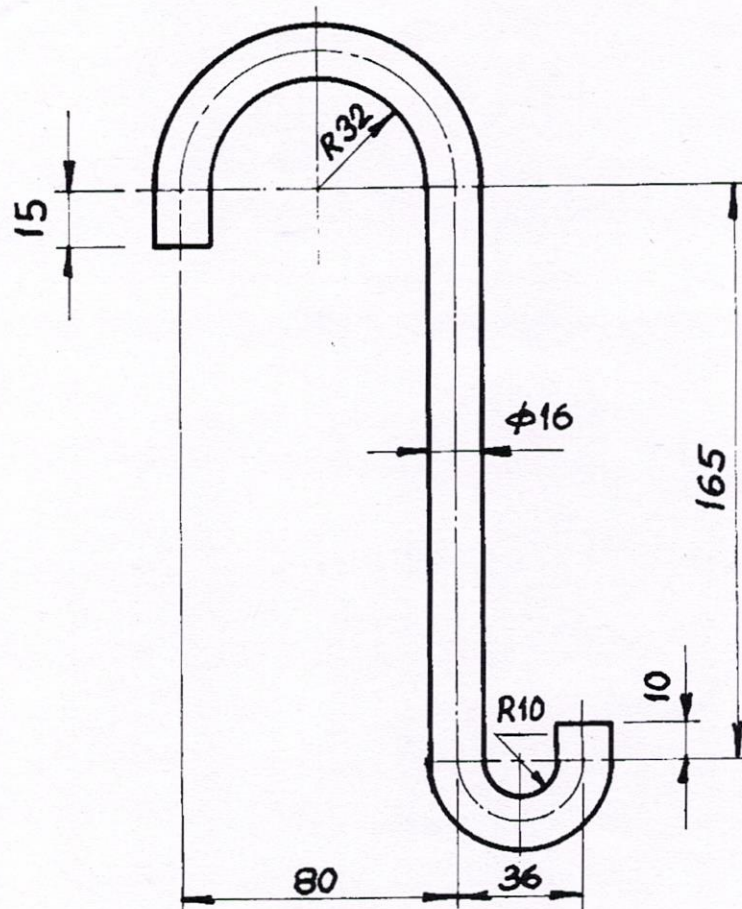
DEPT	GRADE OF UNTOL DIM C/M/F	SCALE 1:2	WEIGHT (kg) 0.595	REF TO ASSY / OLD DRG 358110 5/5	ITEM NO.
CODE					
TITLE HANGER HOOK (HK1)	CARD CODE U 01		DRAWING NO. 4-7-1101-01-02814		REV 01

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

05-249/B

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REV 01	DATE 12-3-99	ALTERED S. Mohan
APPROVED: J. JMMC		CHECKED A. Jm
MATL. SPECN. Fe410WC IS: 2062 WAS C20 IS: 2073		



INSTALLED QTY : 716

ITEM NO.	DESCRIPTION	MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: ROTARY HEARTH FURNACE



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI-620 014

DRN	NAME	SIGN	DATE
CHD			
APPD			

DEPT	GRADE OF UNTOOL. DIM C/M/F	SCALE 1:2	WEIGHT (kg) 0.595	REF TO APPY OLD DRG 358110 5/5 (HK2)	ITEM NO.
TITLE HANGER HOOK (HK2)			CARD CODE U 01	DRAWING NO. 4-7-1101-01-02815	REV. 01

Size A 4