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SPECIFICATION FOR
"THREAD INSERT KIT"
FOR
THREE PHASE TRACTION MOTOR

DRN.	SPECIFICATION FOR "THREAD INSERT KIT" FOR 3-PHASE TRACTION MOTOR.		DY.CEE/TMD.	CHITTARANJAN LOCOMOTIVE WORKS WEST BENGAL, INDIA NO. 4TMS.096.076 DATE: 08-01-2010	
CHKD.	1	DY.CEE/TMD	Qty/TM & Stocking CRD no. incorporated at sht. no 2 of 2, vide. EL/TM/3009 (Part) dtd. 22.06.2010.		30.06.10
INIT.	ALT. No.	Authority	Description	Initial	Date

1. **FORWARD:-**

This Specification covers the requirements of 'THREAD INSERT KIT' for manufacturing of Three Phase Traction Motor.

2. **Requirement:-** Requirement per set in the 'KITS' form are indicated here under: -
Suppliers shall quote their rates per set in 'KITS' form taking all items together, otherwise their offers are liable to be summarily rejected.

Sl. No	C&D No.	Description & Drg./Specn. No.	Qty./TM (nos)	Remarks
01	5780/019	Thread Insert H.C. M 20 X 1.5 D (Coarse), (Material-Stainless Steel)	10	Stocking C&D No. for FRA/21 is <u>5780/087</u>
02	5780/020	Thread Insert H.C. M 30 X 1.5 D (Coarse), (Material-Stainless Steel)	16	
TOTAL QTY.			26	

01	5780/019	Thread Insert H.C. M 20 X 1.5 D (Coarse), (Material-Stainless Steel)	10	Stocking C&D No. for FRA/23 is <u>5780/019</u>
TOTAL QTY.			10	

∴ Qty/TM of "Thread Insert Kit (FRA)" = 01 Set (26+10=36 nos) against Stocking C&D no. 5780/093. (ALY 1)

Sl. No	C&D No.	Description & Drg./Specn. No.	Qty./TM (nos)	Remarks
01	5890/018	Thread Insert H.C. M 20 X 1.5 D (Coarse), (Material-Stainless Steel)	10	Stocking C&D No. for FXA/21 is <u>5890/064</u>
02	5890/019	Thread Insert H.C. M 24 X 1.5 D (Coarse), (Material-Stainless Steel)	04	
TOTAL QTY.			14	

01	5890/018	Thread Insert H.C. M 20 X 1.5 D (Coarse), (Material-Stainless Steel)	10	Stocking C&D No. for FXA/23 is <u>5890/018</u>
TOTAL QTY.			10	

∴ Qty/TM of "Thread Insert Kit (FXA)" = 01 Set (14+10=24 nos) against Stocking C&D no. 5890/070. (ALY 1)

3. **Special Condition:-** Supplies will be acceptable with Manufacturer's Guarantee/Test Certificate.

4. **Marking & Packing:-** Manufacturer's identification mark/ Colour code shall be provided on each item. One set of KIT shall be properly packed in box of suitable material to avoid damage during handling and transportation. All the items should be first kept in durable polythene packet, each type in separate packet and then finally kept in box. Two cards indicating description of the material under stocking C&D No. (FRA/21 - 5780/087, FRA/23 - 5780/019, FXA/21 - 5890/064 & FXA/23 - 5890/018) and also the description and C&D No. of individual item including quantity duly signed by CLW's inspector shall be tagged, one inside and the other outside the box.

5. **Inspection:-**

- a) Few Thread Insert of each size shall be selected at random.
b) Thread Insert shall be tested at NABL certified lab to conform the material as said above.

SPECIFICATION FOR
'THREAD INSERT KIT'
FOR
3-PHASE TRACTION
MOTOR.

DM
DY. CEE/TMD.

CHITTARANJAN LOCOMOTIVE WORKS
WEST BENGAL, INDIA


NO. 4TMS.096.076

DATE: 08-01-2010

SEE/TMM

CHKD.

DRN.

 TME/2015	PRODUCT STANDARD TME DIVISION, BHOPAL		TM10478	
			Rev 01	
			PAGE 01 OF 02	

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SPECIFICATION FOR "THREAD INSERT KIT" FOR 3-PHASE TRACTION MOTOR TYPE 6FRA6068 & 6FXA7059.

1.0 Forward:

This specification covers the requirement of "Thread Insert Kit" for manufacturing of 3-Phase Traction Motor.

2.0 Requirement:


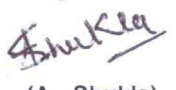
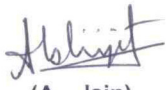
Requirement per set in the "KITS" form are indicated here under :
Supplier shall quote their rates per set in "KITS" form taking all items together, otherwise their offer are liable to be summarily rejected.


Sl. No.	Description & Drg. / Specn. No.	Qty./ TM (nos)
01	Thread Insert H.C. M20X1.5D (coarse), (Material-stainless steel)	10
02	Thread Insert H.C. M20X1.5D (coarse), (Material-stainless steel)	10
03	Thread Insert H.C. M30X1.5D (coarse), (Material-stainless steel)	16
Total Qty.		36

Note: Qty./TM of "Thread Insert Kit (6FRA)" = 01 set (36 Nos.)

Sl. No.	Description & Drg. / Specn. No.	Qty./ TM (nos)
01	Thread Insert H.C. M20X1.5D (coarse), (Material-stainless steel)	10
02	Thread Insert H.C. M20X1.5D (coarse), (Material-stainless steel)	10
03	Thread Insert H.C. M24X1.5D (coarse), (Material-stainless steel)	04
Total Qty.		24

Note: Qty./TM of "Thread Insert Kit (6FXA)" = 01 set (24 Nos.)

Revision : 01 Date: 11.08.2020	Distribution	Qty.	Approved :  (M. Verma)		
	TXM QTM TME TSD	1 1 1 1	Prepared  (A. Shukla)	Checked:  (A. Jain)	Date: 11.08.2020

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3.0 Specification

Material of Thread Insert shall comply to AISI-304.

4.0 Dimension

The dimensional tolerance of Thread Insert shall comply to DIN 8140, Part-1, Type-A.

5.0 Special Condition

Supplies will be acceptable with manufacturer's guarantee & test certificate.

6.0 Marking & Packing

Manufacture's identification mark/ colour code shall be provided on each item. One set of KIT shall be properly packed in box of suitable material to avoid damage during handling and transportation. All the item should be first kept in durable polythene packet, each type is separate packet and then finally kept in box. Two cards indicating description of the material of individual item including quantity duly signed by BHEL's inspector shall be tagged one inside and other outside the box.

7.0 Inspection

a) Few thread insert of each size shall be selected at random.

b) Thread insert shall be tested at NABL certified lab to confirm the material as said above.

8.0 This specification is equivalent to CLW's specification no. 4TMS.096.076.