

OUTERSHEET

SPECIFICATION FOR 'SPRING WASHER KIT' FOR THREE PHASE TRACTION MOTOR

APPROVED BY

CEE/TM

**RAJIV
KUMAR
BARNWAL** Digitally signed
by RAJIV KUMAR
BARNWAL
Date: 2022.11.22
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Remark: Revision '1' done for Digitization

SPECIFICATION FOR 'SPRING WASHER KIT' FOR THREE PHASE TRACTION MOTOR		CHITTARANJAN LOCOMOTIVE WORKS WEST BENGAL , INDIA No. 4TMS.096.074, Rev-1 First Issued on : 08.01.2010	
(Prepared & Checked by) SSE/TMDO	RANJAN KUMAR Digitally signed by RANJAN KUMAR Date: 2022.11.14 11:23:46 +05'30'	(Reviewed by) Dy.CEE/TMD 4	RANJAN KUMAR PRAMANIK Digitally signed by RANJAN KUMAR PRAMANIK Date: 2022.11.16 12:14:36 +05'30'

Alteration Sheet				
Alt.No	Description of modification	Authority	Signature	Date

SPECIFICATION FOR 'SPRING WASHER KIT' FOR THREE PHASE TRACTION MOTOR	CHITTARANJAN LOCOMOTIVE WORKS WEST BENGAL , INDIA No. 4TMS.096.074, Rev-1 First Issued on : 08.01.2010
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(Prepared & Checked by) SSE/TMDO	RANJAN KUMAR Digitally signed by RANJAN KUMAR Date: 2022.11.14 11:24:24 +05'30'	(Reviewed by) Dy.CEE/TMD 5	RANJAN KUMAR PRAMANIK Digitally signed by RANJAN KUMAR PRAMANIK Date: 2022.11.16 12:15:22 +05'30'
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1. FOREWORD:- This Specification covers the requirements of 'SPRING WASHER KIT' for manufacturing of Three Phase Traction Motor.

2. REQUIREMENT :- Requirement per set in the 'KIT' form are indicated here under: -
Suppliers shall quote their rates per set in 'KIT' 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	5780/036	Spring Washer B6 (Zn.Plated) to IS:3063-'94	06	Stocking C&D No. For FRA/21 is <u>5780/083</u>
02	5780/037	Spring Washer B8 (Zn.Plated) to IS:3063-'94	18	
03	5780/038 5780/042	Spring Washer B10 (Zn.Plated) to IS:3063-'94	07	
04	5780/039	Spring Washer B12 (Zn.Plated) to IS:3063-'94	08	
05	5780/040	Spring Washer B16 (Zn.Plated) to IS:3063-'94	03	
06	5780/041	Spring Washer B20 (Zn.Plated) to IS:3063-'94	16	
TOTAL			58	

01	5716/026	Spring Washer B8 (Zn.Plated) to IS:3063-'94	02	Stocking C&D No. For FRA/23 is <u>5716/058</u>
02	5716/029	Spring Lock Washer A12 (Zn.Plated) to IS:3063-'94	03	
TOTAL			05	

* QTY/TM OF SPRING WASHER KIT'(FRA) = 01 Set (58+5=63 No.) against Stocking C&D No. 5780/091

Sl. No	C&D No.	Description & Drg./Specn. No.	Qty./TM (nos)	Remarks
01	5890/034	Spring Washer B6 (Zn.Plated) to IS:3063-'94	06	Stocking C&D No. For FXA/21 is <u>5890/060</u>
02	5890/035	Spring Washer B8 (Zn.Plated) to IS:3063-'94	20	
03	5890/038 5890/037	Spring Washer B10 (Zn.Plated) to IS:3063-'94	07	
04	5890/040	Spring Washer B16 (Zn.Plated) to IS:3063-'94	03	
05	5890/041	Spring Washer B20 (Zn.Plated) to IS:3063-'94	16	
TOTAL			52	

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First Issued on : 08.01.2010

(Prepared &
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01	5816/032	Spring Washer B8 (Zn.Plated) to IS:3063-'94	02	Stocking C&D No. For FXA/23 is <u>5816/048</u>
02	5816/035	Spring Lock Washer A12 (Zn.Plated) to IS:3063-'94	03	
TOTAL			05	

* QTY/TM OF SPRING WASHER KIT'(FXA) = 01 Set (52+5=57 No.) against Stocking C&D No. **5890/068**

3. SPECIAL CONDITION:

- Brands approved as per CLW's approved list only are accepted.
- Dealers /Distributors should indicate their Brand clearly along with their quotation.
- Supplies will be acceptable with OEM's Guarantee/Test certificate.
- Dealers /Distributors OF OEM if quoting should enclose dealership/distributorship certificate validity given by OEM to prove the credential without which offers are liable to be summarily rejected.

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 C&D No.(FRA/21- 5780/083, FRA/23-5716/058 & FXA/21 – 5890/060, FXA/23 –5816/048) 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 side of the box.

5. INSPECTION:

- Few Washers of each size shall be selected at random.
- Washers shall be tested at **NABL** certified lab as per IS:3063(latest revision).

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