



**PRODUCT STANDARD
TURBINES & COMPRESSORS**

TC51997

REV 01

PAGE 0 OF 4

Plastic Dust Protection Plugs
(FOR INTERNAL REFERENCE ONLY)

REMOVE THIS PREFACE SHEET BEFORE ISSUING TO THE SUPPLIER

DESCRIPTION: Plastic Dust Protection Plugs

ON THE DRAWINGS:

MATERIAL SPCN. COLUMN: TC51997

DESCRIPTION COLUMN : Plastic dust protection plug G1/2" X Thread length(L)

MATERIAL CODE COLUMN: TC9751997xxx

ON THE INDENTS:

MATERIAL SPCN. COLUMN: TC51997

DESCRIPTION COLUMN : Plastic dust protection plug G1/2" X Thread length(L)

MATERIAL CODE COLUMN: TC9751997xxx

ON ENQUIRIES AND PURCHASE ORDERS:

a) A copy of this standard shall be enclosed without preface sheet.

FORMAT
07.12.15
TD-201
REV - 00
REF DOC

PREPARED BY: -SD-

APARNA

APPROVED BY: -SD-

KHS

DATE:

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RESTRICTED USE



Plastic Dust Protection Plug

1.0): SCOPE: This standard specifies the requirements of hydraulic protection male threaded plugs in the Servomotors, ESV assemblies, Tripping device and Oil relays etc....

2.0): TECHNICAL REQUIREMENTS:

2.1): The protection plug should be made of electrically non-conductive Nylon 6/6 and free from contamination with good chemical resistant properties. Seal threaded plugs should protect the devices against contamination and moisture and they are to be hexagonal or circular shaped head with a slot for wrench or screwdriver installation. Head thickness should be minimum 5mm and Outer diameter of the plug head should be 12 mm more than the thread size. Plugs should be in red color.

2.2): Supply dimensions/conditions: Supply should be as per the Variant Table & Figure -1a or 1b.

3.0): TEST & GUARANTEE CERTIFICATES:

3.1): TEST CERTIFICATES: Three copies of the test certificates indicating the properties and dimensions shall be supplied for each item, quoting BHEL Standard Number, Purchase Order Number and manufacturers Serial Number of the component.

3.2): GUARANTEE CERTIFICATE: A guarantee certificate for 24 months of trouble free performance from the date of shipment or 12 months from the date of commissioning whichever is earlier shall be furnished.

4.0): DOCUMENTS:

4.1): Technical literature shall accompany the offer.

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5.0): MARKING:

5.1): A tag bearing relevant 12 digit material code of BHEL shall be attached for each component

5.2): The following details shall be marked on the packing case.

- A) Manufacturer's name.
- B) BHEL Order Number.
- C) BHEL Standard Number: TC 51997
- D) BHEL Material Code: TC9751997xxx

FIGURE – 1a (Hexagonal head)



FIGURE – 1b(Circular head)



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6.0): VARIANT TABLE:

VAR NO.	Thread size(G)	Thread Length(L)	MATL. CODE
01	G1 1/4"	10	TC9751997003
02	G1"	10	TC9751997011
03	G1/2"	10	TC9751997020
04	G3/4"	10	TC9751997038
05	G1/4"	10	TC9751997046

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RECORD OF REVISIONS

REV NO.	DATE	REVISION DETAILS	REVISED	APPROVED
00	05.12.2015	New	Aparna	KHS
01	17.12.2018	Spec reviewed & revised in general	Aparna	KHS

FORMAT
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REV-00

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