



**PRODUCT ENGINEERING / V & SB
TECHNICAL DELIVERY CONDITIONS FOR
SUBDELIVERY COMPONENTS OF SOOT BLOWERS**

TSB : 011

Rev. 02

SHEET No. 01 of 01

COUPLING

- 01. Component : Flexible Coupling
- 02. Material code : 96 134 091 0000
- 03. Application : Used in wall deslaggers.
- 04. Specification :
 - 04.1. Type of Coupling : Disc type
 - 04.2. Material : Aluminium; Spider to be manufactured from nitrile compound shore 70 hardness.
 - 04.3. Power to be transmitted : 0.75 H.P. (0.56 KW)
 - 04.4. Operational Speed : 1440 rpm
 - 04.5. Max. Torque : 41 Kg. cm.
 - 04.6. Normal working hours : 30 minutes
 - 04.7. Class of duty : Intermittent shock load and reversing.
 - 04.8. Position of shaft to be connected : Horizontal
 - 04.9. Details of space limitations for assembly & dismantling :
Total length of coupling should not exceed 50mm. Hub dia should not exceed 45mm.
 - 04.10. Key Dimension : 6x6x20. Tolerance as per IS 2048.
 - 04.11. Construction : As per drawing 4-20-201-00727.
 - 04.12. In case suppliers offer their standard coupling, it should be limited to the dimensions as per 4-20-201-00727. Drawing showing dimensions should be obtained from the supplier.
- 05. Packaging : To be packed and supplied in wooden boxes.
- 06. Approximate weight : 0.2 kg per piece.
- 07. Inspection :
 - Inspection shall be carried out at BHEL works for :
 - 07.1. Checking dimensions, fit and workmanship as per drawing 4-20-201-00727.
 - 07.2. Checking whether hexagonal grub screws are provided.

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Prepared (J.SANKAR)

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Approved (K.SRIDHARAN)