The technical specification of product

Product Name：PV MBB Ribbon

Noted：

1. The technical specification of product is compiled by SOLRAW -Ahmedabad and shall not be copied in any way without the license.
2. Product must be confirmed by the customer before usage; if any disputes occurred, the two parties should settle them by negotiation.

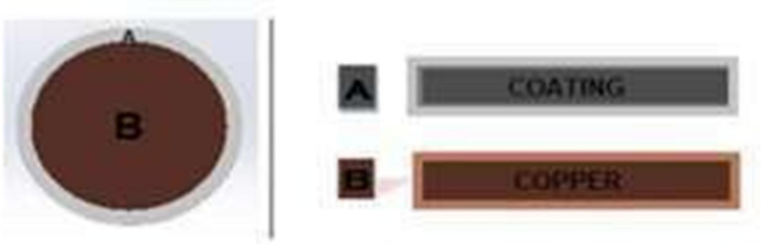


SOLRAW
BACK BONE FOR SOLAR ENERGY

The structure of MBB Ribbon:

A. Coating

B.Copper



Copper material technical specification:

The technical specifications of MBB Ribbon					
Product type	Electrical conductivity	Dia	Dia+Coat	Yield Strength	Elongation
	(Ωmm²/m)	(¢)	(¢)	(N/mm^2)	(%)
Tinned copper wire	≤0.0172	¢ 0.17	¢ 0.20	≥65	≥23
	≤0.0172	¢ 0.21	¢ 0.24	≥65	≥23
	≤0.0172	¢ 0.23	¢ 0.26	≥65	≥23
	≤0.0172	¢ 0.27	¢ 0.30	≥65	≥23
	≤0.0172	¢ 0.30	¢ 0.33	≥65	≥23
	≤0.0172	¢ 0.32	¢ 0.35	≥65	≥23

The width and thickness of base material can be changed according to the requirements, and shall not affect the technical indexes.

Base material of copper:

The chemical composition of copper (Quality ratio)					
Brand	Condition	Copper content	Impurity content	Oxygen content	Electrical resistivity
TY	Hardness	≥99.99%	≤0.0035%	≤0.0265%	≤0.0172

Solder composition of coating	
The type of solder	Proportion of ingredients
Tin-lead solder	60%Sn 40%Pb
	63%Sn 37%Pb

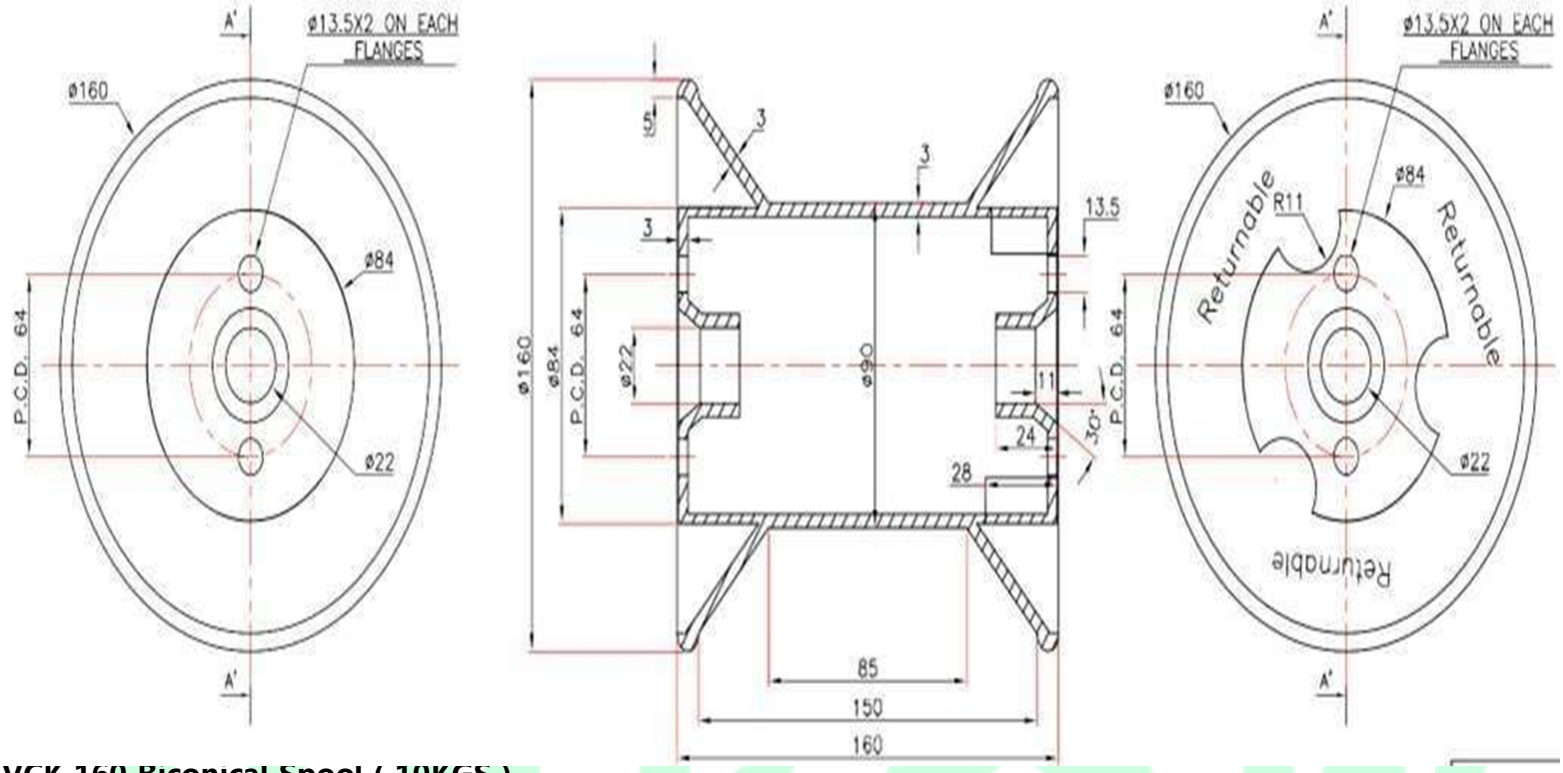
- Winding in Two type of Spool
  - HKV 160 Biconical Spool
  - VCK 160 Biconical Spool

PLEASE FIND BELOW ATTECHED SOOL DRAWING PHOTOS

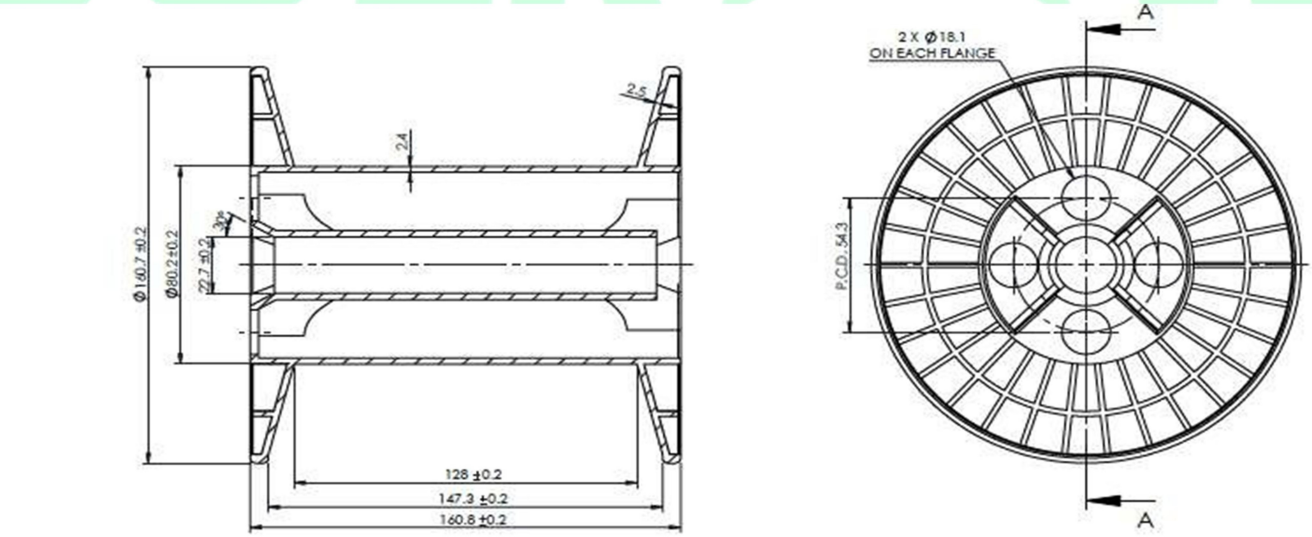
SOLRAW

BACK BONE FOR SOLAR ENERGY

HKV 160 Biconical Spool (7KGS)



VCK 160 Biconical Spool (10KGS)



SECTION A-A
SCALE 1 : 2

