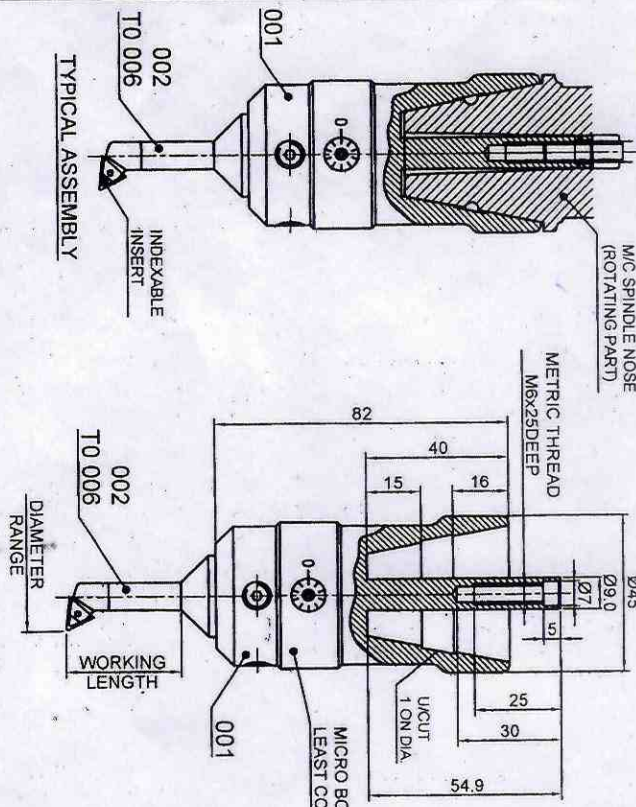




SPECIAL NOTE:-
DIMENSIONS IN THIS DRAWING ARE DERIVED FROM AVAILABLE M/C DATA & APPROXIMATE REVERSE ENGINEERING. THUS THESE DIMENSIONS ARE ILLUSTRATIVE & NOT EXHAUSTIVE AND MAY NOT CONFIRM TO ACTUAL M/C REQUIREMENT. THESE DIMENSIONS ARE FOR ROUGH ESTIMATION OF COST. MANUFACTURING SHALL BE AS PER ON SITE MEASUREMENT ON M/C.

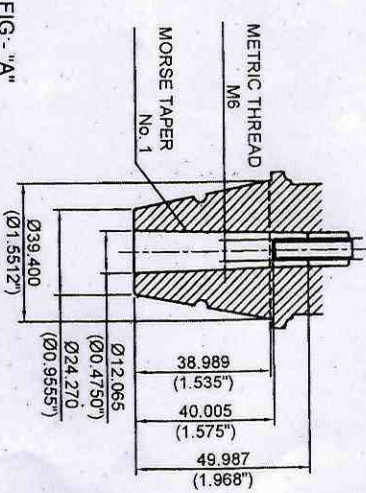


FIG. "A"
M/C SPINDLE NOSE EXTERNAL TAPER DETAILS

INDEXABLE TOOL HOLDER SPECIFICATIONS:-

IT#	DIAMETER RANGE (OVER & UPTO)	MINIMUM WORKING LENGTH	SUITABLE INDEXABLE INSERT (WITH SUITABLE SCREW)
002	ø6 - ø8	20 mm	WCGT020102L
003	ø8 - ø10	25 mm	WCGT020102L
004	ø10 - ø12	35 mm	TPGX090202
005	ø12 - ø14	40 mm	TPGX090202
006	ø14 - ø16	45 mm	TPGX090202

IMP. NOTES FOR SUPPLIER:-

- INTERNAL TAPER OF IT#001 FITS WITH EXTERNAL TAPER OF SPINDLE NOSE OF M/C (FIG-"A") (AS PER TAPER SIP 1e)
- FOR FURTHER CLARIFICATIONS, BIDDER MAY VISIT TGM SHOP, IF REQUIRED.
- WEIGHT OF MICRO BORING BAR SHOULD NOT EXCEED 700 gms.
- AFTER PLACEMENT OF P.O., SUPPLIER SHOULD VISIT TGM SHOP TO HAVE A FEEL/ACTUAL MEASUREMENT OF MACHINE SPINDLE NOSE.

VAR.00	REMARKS	VAR. ITEM NO.	DESCRIPTION	QTY.	DRAWING NO.	VAR.	MATL. SPON.	UNIT WT.	QTY.	ZONE
001	-	010	SCREW FOR IT#004 TO 006 (SUITABLE FOR CONCERNED MESH)	-	-	-	-	-	-	-
001	-	009	SCREW FOR IT#002 & 003 (SUITABLE FOR CONCERNED MESH)	-	-	-	-	-	-	-
001	-	008	TORX KEY (SUITABLE FOR IT#004 TO 006)	-	-	-	-	-	-	-
001	-	007	TORX KEY (SUITABLE FOR IT#002 & 003)	-	-	-	-	-	-	-
001	C/HDN & GRD HRC 50-55	006	INDEXABLE TOOL HOLDER AS SPECIFIED	-	-	-	-	EN 39B	-	-
001	C/HDN & GRD HRC 50-55	005	INDEXABLE TOOL HOLDER AS SPECIFIED	-	-	-	-	EN 39B	-	-
001	C/HDN & GRD HRC 50-55	004	INDEXABLE TOOL HOLDER AS SPECIFIED	-	-	-	-	EN 39B	-	-
001	C/HDN & GRD HRC 50-55	003	INDEXABLE TOOL HOLDER AS SPECIFIED	-	-	-	-	EN 39B	-	-
001	C/HDN & GRD HRC 50-55	002	INDEXABLE TOOL HOLDER AS SPECIFIED	-	-	-	-	EN 39B	-	-
001	C/HDN & GRD HRC 50-55	001	MICRO BORING BAR	-	-	-	-	EN 39B	-	-

ADDITIONAL INFORMATION:-

FOR M/C TOLERANCE REFER TEST-110M STATUS OF DRAWING:- TOOL

NAME OF PRODUCT OR NAME OF CUSTOMER/PROJECT

DISTRIBUTION OF PRINTS:- TGM(PLG.)=4 O.C.=1

REV. DATE ALTERED CHECKED DDA/VPS APPROVED AKA 334

ZONE DRAWING UPDATED

TITLE MICRO BORING BAR BORING RANGE:- ø6 - ø16mm LEAST COUNT:- 0.002mm

DRAWING NO. SK-1615 SHT. NO. 01 NO. OF SHT. 01

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INVENTORY NO. SIGN & DATE REF. DRG. NO.