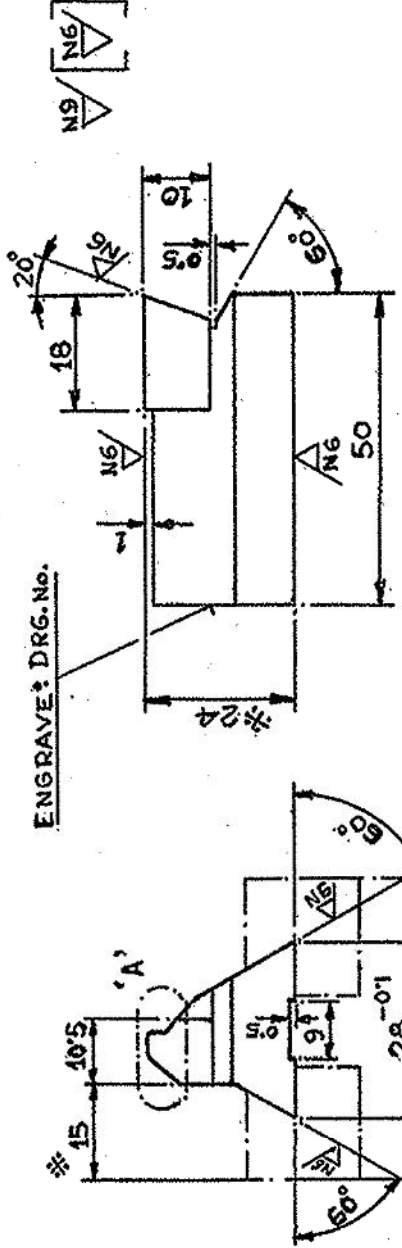


PV COPY

ALL DIMENSIONS IN MILLIMETRES

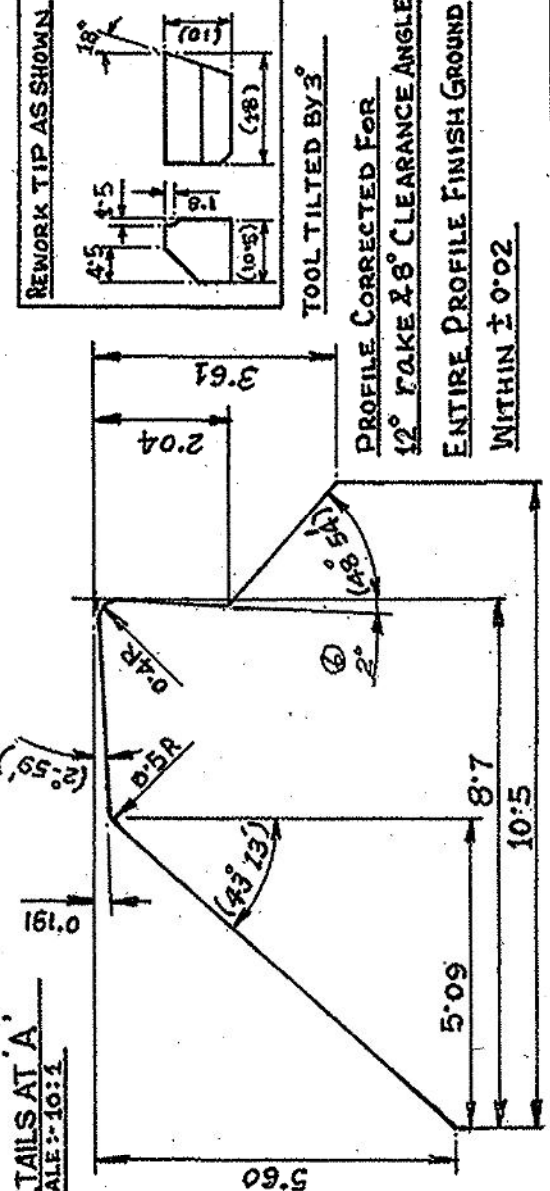
SYMBOL	~	▽	▽▽	▽▽▽	▽▽▽▽	▽▽▽▽▽	▽▽▽▽▽▽	▽▽▽▽▽▽▽	▽▽▽▽▽▽▽▽	▽▽▽▽▽▽▽▽▽		
GRADE NO.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
R _a IN μm	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025



ENGRAVE: DRG. No.

* MAINTAIN THIS DIMENSION SAME IN ALL TOOLS

DETAILS AT 'A'
SCALE: 10:1



ITEM NO.		CARBIDE TIP	54 P30		Titanium-Aluminum-Nitride(TIAlN) coating	REMARKS
DESCRIPTION & FINAL DIMENSION	28 X 24 X 50	C1				

INDEX	R2								
	R1								

CLEANING									
ROUGHING									
SMOOTHING									
FINISHING									

SPECIFIC MANUFACTURER NAME DELETED & OTHER TECH. SPECN. UNCHANGED VIDE REF MEMO NO. 3105/CCS/21/3 DT. 24/07/13
 "Sandvik/Widula make with Titanium-Aluminum-Nitride(TIAlN) coating" was "Sandvik/Widula make"
 Amended vide ref. memo no. CC-1/Amend/DRG/10-11 dt. 31-7-2010

DESCRIPTION OF AMENDMENTS

DESCRIPTION: FLAT FORM TOOL
 COMPT:- 30MM. STEEL CARTRIDGE CASE.
 M/C :- MULTI-SPINDLE AUTOMATIC HEAD TURNING MACHINE.
 Rf :- MSF. REGD. DRG. NO. 17257.DT.6-2-2009
 FOR: -

DRAWN		DATE	
TRACED		NAME	
CHECKED		ZONE	
RECOMMENDED		DATE	12-2-2009
		NAME	Shoban

APPROVED	
DATE	12/2/2009
NAME	Shoban
ZONE	

DRG NO. NCC / 517