

NOTE :-  
STAMP PART NO., HOLE LETTERS, ACTUAL POINT DIAMETER, DRAWING NO. AND TUBE ON EACH BLOCK AS SHOWN

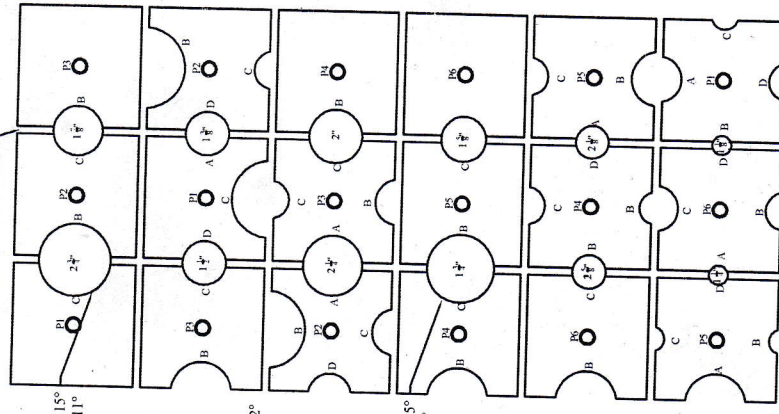
PART NAME - POINTING DIES FOR TUBING  
MATERIAL - AISI S-1 TOOL STEEL

HEAT TREAT TO ROCK WELL 'C' 54-56 RC  
FINISH -  $\nabla$  ALL OVER EXCEPT AS INDICATED

NOTE - ALL DIMENSIONS ARE IN INCHES

NO. REQD.	PART NO.	HOLE LETTERS					
		A	B	C	D		
1	P1	BORE 1.375"	ACTUAL POINT DIA 1.125"	BORE 2.750"	ACTUAL POINT DIA 4.000"	BORE 1.500"	ACTUAL POINT DIA 1.437"
1	P2	BORE 2.250"	ACTUAL POINT DIA 2.137"	BORE 4.000"	ACTUAL POINT DIA 1.875"	BORE 1.812"	ACTUAL POINT DIA 1.312"
1	P3	BORE 2.250"	ACTUAL POINT DIA 2.187"	BORE 1.875"	ACTUAL POINT DIA 1.812"	BORE 1.500"	ACTUAL POINT DIA 1.437"
1	P4	BORE 2.625"	ACTUAL POINT DIA 3.375"	BORE 2.000"	ACTUAL POINT DIA 1.537"	BORE 1.750"	ACTUAL POINT DIA 2.062"
1	P5	BORE 2.125"	ACTUAL POINT DIA 2.062"	BORE 1.750"	ACTUAL POINT DIA 1.687"	BORE 1.625"	ACTUAL POINT DIA 1.562"
1	P6	BORE 1.250"	ACTUAL POINT DIA 1.187"	BORE 1.625"	ACTUAL POINT DIA 1.562"	BORE 1.125"	ACTUAL POINT DIA 1.062"

PLACE BLOCKS IN THE FOLLOWING POSITIONS WHEN BORING BORE DIES USING A 0.125" THICK SHIM



NOTE :-  
FOR THIS SIZE ONLY  
USE ENTRY ANGLE OF 15°  
APPROACH ANGLE OF 11°

NOTE :-  
FOR THIS SIZE ONLY  
USE ENTRY ANGLE OF 12°  
APPROACH ANGLE OF 6°

NOTE :-  
FOR THIS SIZE ONLY  
USE ENTRY ANGLE OF 15°  
APPROACH ANGLE OF 7°

ACTUAL POINT DIAMETER WHICH CAN BE OBTAINED FROM THESE DIES

BREAKDOWN FOR 4.000" (2.688")

1.312"

1.437"

1.937"

2.187"

1.562"

1.687"

BREAKDOWN FOR 3.375" (2.562")

1.062"

1.187"

DATE		NAME		G.S.NARUKA	
DRN.	02.08.2020	CHD.	02.08.2020	APPROVED	-----
GENERAL TOLERANCE		G.TOL		SK - 776/2	
SHEET 1 OF 1		DRG.NO.		SK - 776/2	

MULTIMETALS LIMITED		HEAVY INDUSTRIES AREA KOTA-324003	
TITLE -		POINTING DIES FOR TUGGLE POINTER	
SCALE		N.T.S.	
CONFIDENTIAL ALL RIGHTS RESERVED ALL DIMENSIONS ARE IN MM EXCEPT AS SHOWN			

1 pair = 3 nos