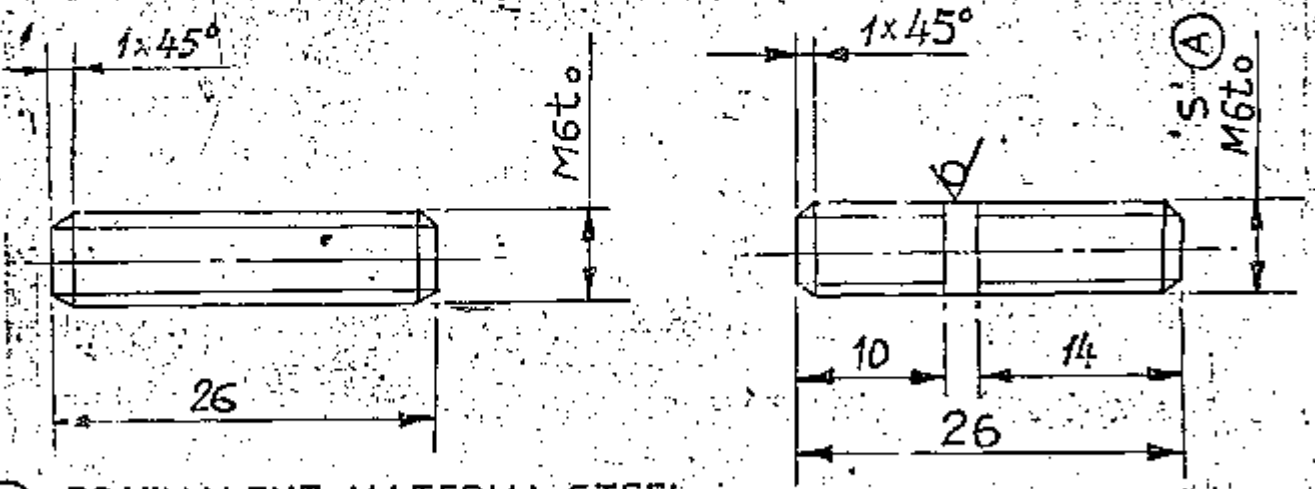


R2.80/ (✓)

WORKING NUMBER
550-101



(C) EQUIVALENT MATERIAL STEEL
45C8 TO IS:1570

1. ALTERNATE MATERIAL IS STEEL 40, 50 GOST 1050-74
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE AS FOLLOWS:
FOR SHAFTS - AS PER B7
FOR OTHERS - AS PER CM7.
3. CUT THREAD AS PER STANDARD 82020-12, ISSUE 7.
4. COATING: CADMIUM-PLATED 3 MICRONS THICK, OILED
5. TECHNICAL REQUIREMENTS ARE AS PER GOST 1759-70.
6. UNTHREADED PORTION OF THE ROD MAY BE MADE WITH IN THE LIMITS OF THE ANGLE DIAMETER OF THE THREAD.
7. MECHANICAL DAMAGE TO COATING SUCH AS SCRATCHES, NOTCHES AND DENTS WHICH DO NOT EXPOSE STEEL ARE PERMITTED IN ASSY. UNITS.

(B) 8. HARDNESS:- 27-32 HRC.

PILOT SAMPLE SHOULD BE APPROVED BY A H S P BEFORE BULK PRODUCTION

EST. WT. TO BE STAMPED OR MARKED WHERE INDICATED THIS # 1 LETTERS]
0.004 kg.

ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT SIDE
INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE

EXPLANATORY NOTE

MATERIAL QUOTED : STEEL 45 GOST 1050-74.
45 = GRADE OF MATERIAL
CHEMICAL COMPOSITION : (AS PER GOST 1050-74)

GRADE OF STEEL	CONTENT OF ELEMENTS %							
	C	Si	Mn	Cr	P	S	Cu	Ni
45	0.42-	0.17-	0.50%	0.25	0.035	0.040	0.25	0.25
	0.50	0.37	0.80					

MECHANICAL PROPERTIES :

TENSILE STRENGTH Kgf/mm² = 61 (min)

YIELD POINT Kgf/mm² = 36 (min)

ELONGATION % = 16 (min)

REDUCTION IN AREA % = 40 (min)

(A) REPAIR SIZE DIMENSIONS

CATEGORY	DESIGNATION OF SIZE	SIZE ACCORDING TO WORKING DRG	REPAIR SIZE DIMENSION 'S'
550-101 R1	DIAMETER	M6 x 1 to	M8 x 1.25 to
	DIAMETRAL PITCH		+0.152 7.188 + 0.082

All other details as per working drg.
(B) * ALT. MATERIAL:- STEEL 709 M40 (EN-19) TO BS:970 PT.-1- 1983.

USED ON CB 20-04-07
CB 20-08-11,
CB 20-09-6,
CB 20-01-02-9,
CB 20-06-09-2,
CB 20-06-08-2,
CB 20-27-05-4,
CB 20-11-02-9.

DRN	<i>Srinivas</i>	MATERIAL:- *	45 GOST 1050-74
CHKD	<i>Shanmug</i>		
TCD	<i>S. Parthasarathy</i>		
APPD	<i>V. Ramaswami</i>		
DATE	3-6-91	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)	
SCALE:-	2:1	AYADI	
DIMENSIONS IN mm		TITLE	STUD M6X26
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS:2102-69			
ALL THREADS TO CONFORM TO		D S CAT NUMBER	DRAWING NUMBER
ISSUE DATE		550-101	

ISSUE: 1761-81

SIZE A3

