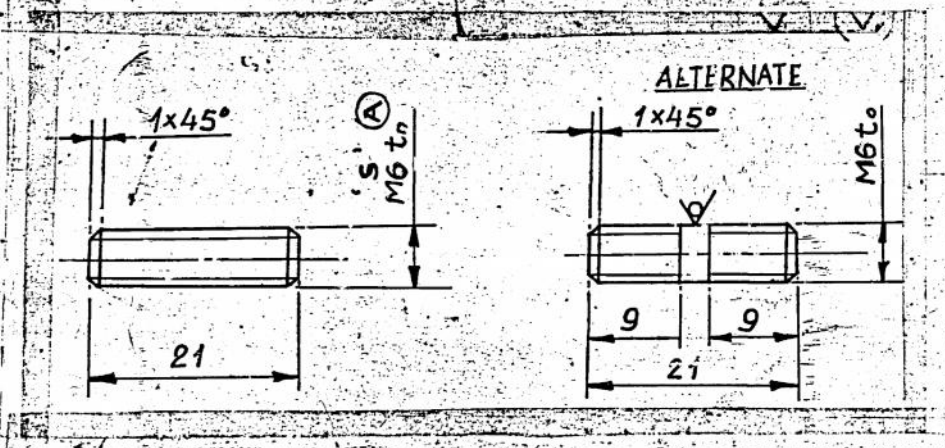


550-106

R289 (✓)



EXPLANATORY NOTE :

MATERIAL QUOTED : STEEL 45 GOST 1050-74. ^(D)
 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)

1. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE AS FOLLOWS:
 FOR SHAFTS - AS PER B7, OTHERS - AS PER CM7.
2. MAKE THREAD AS PER STANDARD B2020-12, ISSUE 7.
3. TECHNICAL REQUIREMENTS ARE AS PER GOST 1759-70.
4. COATING CADMIUM PLATED, 3 MICRONS THICK, OILED.
5. UNTHREADED PORTION OF THE ROD MAY BE MADE WITHIN THE LIMITS OF THE ANGLE DIAMETER OF THE THREAD.
6. MECHANICAL DAMAGE TO COATING SUCH AS SCRATCHES, NOTCHES AND DENTS WHICH DO NOT EXPOSE STEEL IS PERMITTED IN ASSEMBLY UNITS.
7. HARDNESS:- 27-32 HRC.

REPAIR SIZE DIMENSIONS

CATEGORY	DESIGNATION OF SIZE	SIZE ACCORDING TO WORKING DRG	REPAIR SIZE DIMENSION 'S'
550-106 R1	DIAMETER	M 6 X 1 to	M 8 X 1.25 to
	DIAMETRAL PITCH	*	+0.170 9.026+0.095

^(B) * MATERIAL:-
 STEEL 709 M40 (En-19) to
 BS 970 Pt.1:- 1983.

All other details as per working drg.

USED ON CB 20-06-01-5
 CB 20-06-02-5
 CB 20-05-45-2
 CB 20-12-50-13
 CB 20-11-04-3

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

EST. WT. 0.004 kg. TO BE STAMPED OR MARKED WHERE INDICATED THIS # (LETTERS)

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

ISSUE	DATE	NATURE OF AMENDMENTS
D	9.6.09	3 rd ALTERATION. COMM. MINUTES POINT 5 DATE 27-2-09
C	11.01.08	AUTHY:- Pt.No. 212 ALT. COM. MEET. Dt. 07-02-2007.
B	19.09.07	AUTHY:- ALT.No.25,2nd ALT. COM. MEET. Dt. 07-02-2007.
A	7.8.98	AUTHY: SPECN FOR REPAIR SIZE DRGS. 25.11.07

DRN *[Signature]*
 CHD *[Signature]*
 TCD *[Signature]*
 APPD *[Signature]*
 DATE 25-4-91

MATERIAL:- ^(D) *
 45 GOST 1050-74

CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)
 AVADI

SCALE:- 2:1
 DIMENSIONS IN mm
 TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69
 ALL THREADS TO CONFORM TO

TITLE
STUD M6x21
 D S CAT NUMBER
 DRAWING NUMBER
550-106

KVD NO-63594

SIZE A3