



1. INSPECTION GROUP IV AS PER TECHNICAL REQUIREMENTS TT-T: HRC 33 TO 37.
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE AS FOLLOWS:
FOR HOLES - AS PER A,
SHAFTS - AS PER B,
OTHERS - AS PER CM.
3. COATING: CADMIUM-PLATED, 3 MICRONS THICK, DLED EXCEPT FOR SECTIONS 5 PERMITTED ARE:
1) ABSENCE OF COATING ON INTERNAL SURFACES.
2) PRESENCE OF COATING ON CHAMFERS OF SURFACE B.

EXPLANATORY NOTE:

Material Quoted: 45 x GOST 4543-71
45x: grade of steel.

Chemical composition:

C	Si	Mn	Cr	P	S	Cu	Ni
0.41-	0.17-	0.50-	0.80-	MAXIMUM			
0.49	0.37	0.80	1.10	0.035	0.035	0.30	0.30

Mechanical Properties:

yield point kgf/mm^2 (min) = 85
ultimate strength kgf/mm^2 (min) = 105
Relative elongation $\%$ (min) = 9
Relative reduction along cross section $\%$ (min) = 45
Impact strength kgfm/cm^2 = 5

KVD. NO 63179

ALT. COATING:
ZINC PLATED 3 MICRONS THICK WITH
OLIVE GREEN PASSIVATION.

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

EST. WT. 0,2 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 OUTSIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

DATE	11-11-87	MATERIAL	45 X GOST 4543-71	USED ON	CS 20-08-00-7
SCALE	1:1	CONTROLLER OF QUALITY ASSURANCE (HEAVY VEHICLES)			
TOLERANCE ON DIMS. UNLESS OTHERWISE STATED IS 2002-69		A V A D I			
TITLE		AXLE			
ISSUE	A	D S FAT NUMBER	DRAWING NUMBER		
DATE	11-2-95	NATURE OF AMENDMENTS		20-08-243-3	

