





DRAWING NUMBER

413-45-2

TECHNICAL REQUIREMENTS IN RUSSIAN

1. Неуказанные предельные отклонения размеров $\pm 0,3\text{мм}$
2. Размер для справок
3. Размеры обеспечить инструментом.

TECHNICAL REQUIREMENTS - TRANSLATED

1. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS $\pm 0.3\text{mm}$.
2. * DIMENSIONS FOR REFERENCE.
3. * DIMENSIONS ARE TO BE ENSURED BY TOOL.

EXPLANATORY NOTE:-

MATERIAL QUOTED: SHEET A 0.8 GOST 19904-74
II БГ 08КП GOST 9045-80

A = HIGH ACCURACY

0.8 = THICKNESS OF SHEET

II = SURFACE FINISH (HIGH FINISH)

БГ = EXTREMELY DEEP DRAWING.

08КП = grade of steel as per GOST 1050-74

Chemical composition (as per GOST 1050-74)

Carbon = 0.05 - 0.11 ; Silicon = 0.037 (max)

Manganese = 0.25 - 0.50.

Chromium = 0.10

Phosphorus = 0.035

Sulphur = 0.040

Nickel = 0.25

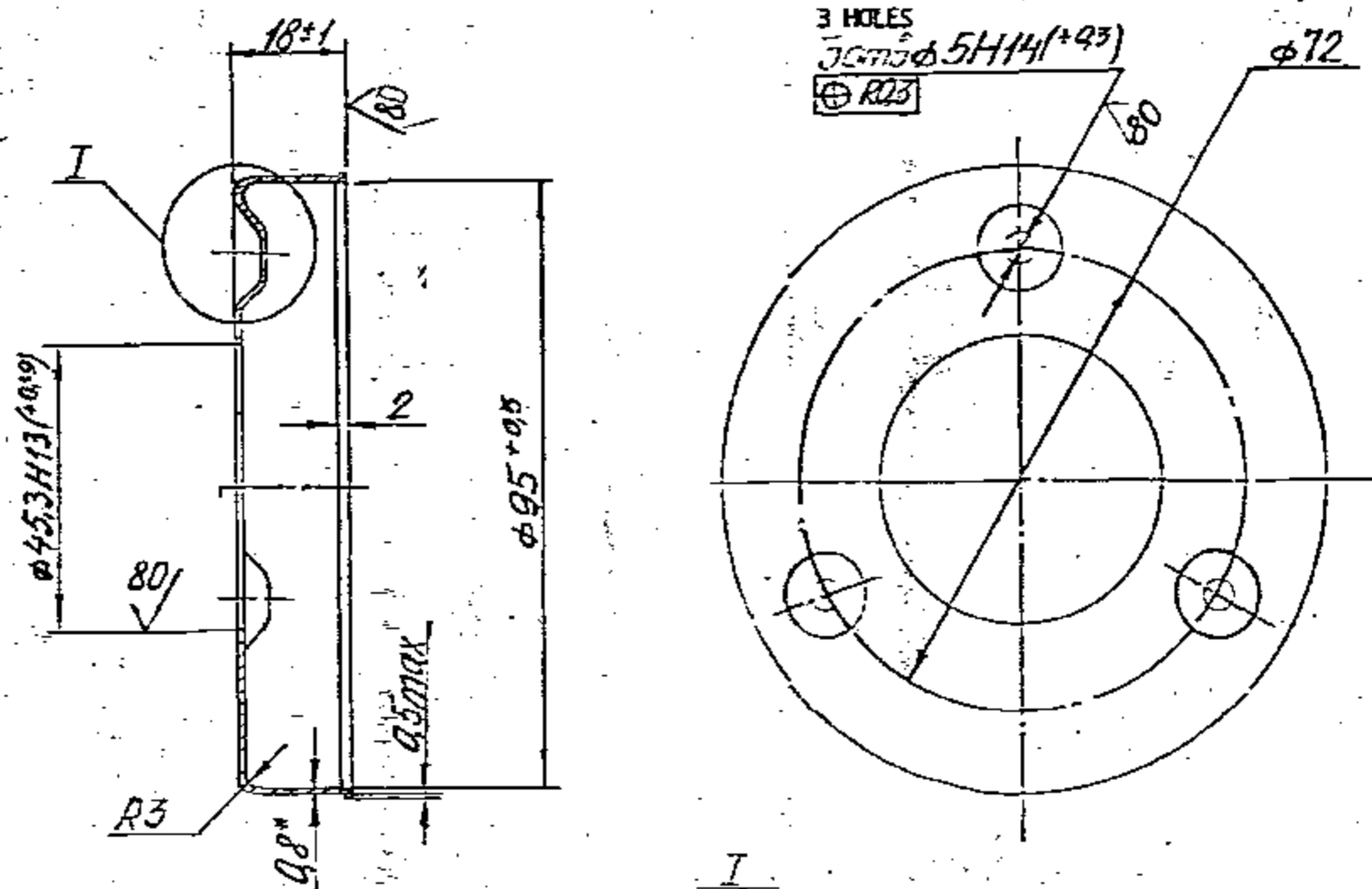
Copper = 0.25

} MAXIMUM

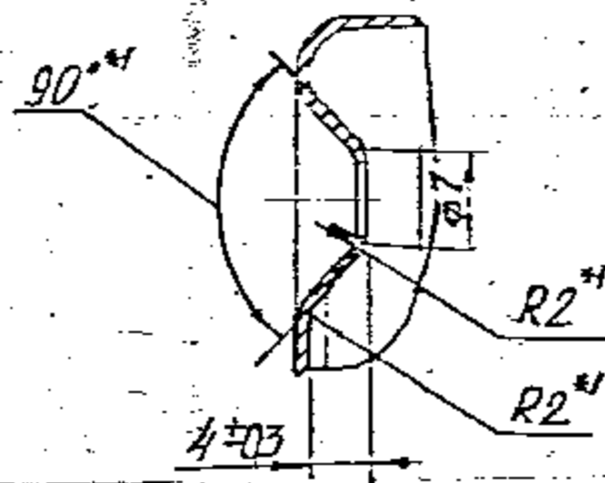
Mechanical properties as per GOST 9045-80

ultimate tensile strength kgf/mm^2 = 26-37

r. relative elongation = 30 (min)



I
1:2:1
SCALE: 2:1



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

EST. WL TO BE STAMPED OR MARKED WHERE
0.047 Kg. 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.

DESIGN	DATE	MATERIAL - SHEET	USED ON -
ENG	16 MAR 89	A 08 GOST 19904-74	CS 413-16-1
APPD		II БГ-08 КП GOST 9045-80	
DATE	16 MAR 89	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)	
SCALE	1:1	A V A D I	
DIMENSIONS IN		TITLE	
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS 2002-89		THIRD SECTION COVER	
ISSUE	DATE	D S CAT NUMBER	DRAWING NUMBER
			413-45-2
NATURE OF AMENDMENTS			

EXPLANATORY NOTE ADDED ON 20-9-91



DRG. INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE 3

DRAWING NUMBER

413-46

✓(✓)

EXPLANATORY NOTE:

1. REFERENCE MATERIAL QUOTED :

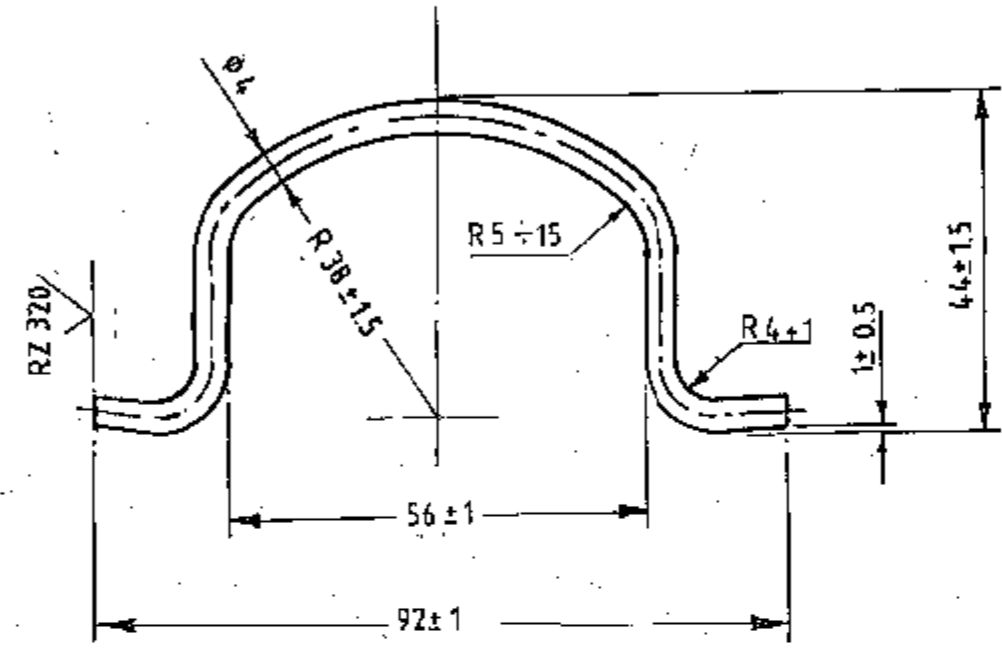
SPRING WIRE CATEGORY II NORMAL MANUFACTURING ACCURACY
 4 (±0.04) mm DIA TO GOST 9389-75 AND MANUFACTURED IN ACCORDANCE
 WITH QUALITY CARBON STRUCTURAL STEEL GRADE 70 TO GOST 1050-74

a) CHEMICAL COMPOSITION AS PER GOST 1050-74

GRADE OF STEEL	CONTENT OF ELEMENTS %							
	C	Si	Mn	Cr	S	P	Cu	Ni
70	0.67	0.17	0.50	0.25	0.040	0.035	0.25	0.25
	0.75	0.37	0.00					

b) MECHANICAL PROPERTIES OF CATEGORY II WIRE AS PER GOST 9389-75

TENSILE STRENGTH Kg/mm ²	No. OF BENDS Min (2d)	No. OF TWISTS Min
150 - 175	6	13



LENGTH OF STRAIGHTENED COMPONENT ≈ 14.5mm.

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

EST WT 0.015 Kg TO BE STAMPED OR MARKED WHERE INDICATED THUS # (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

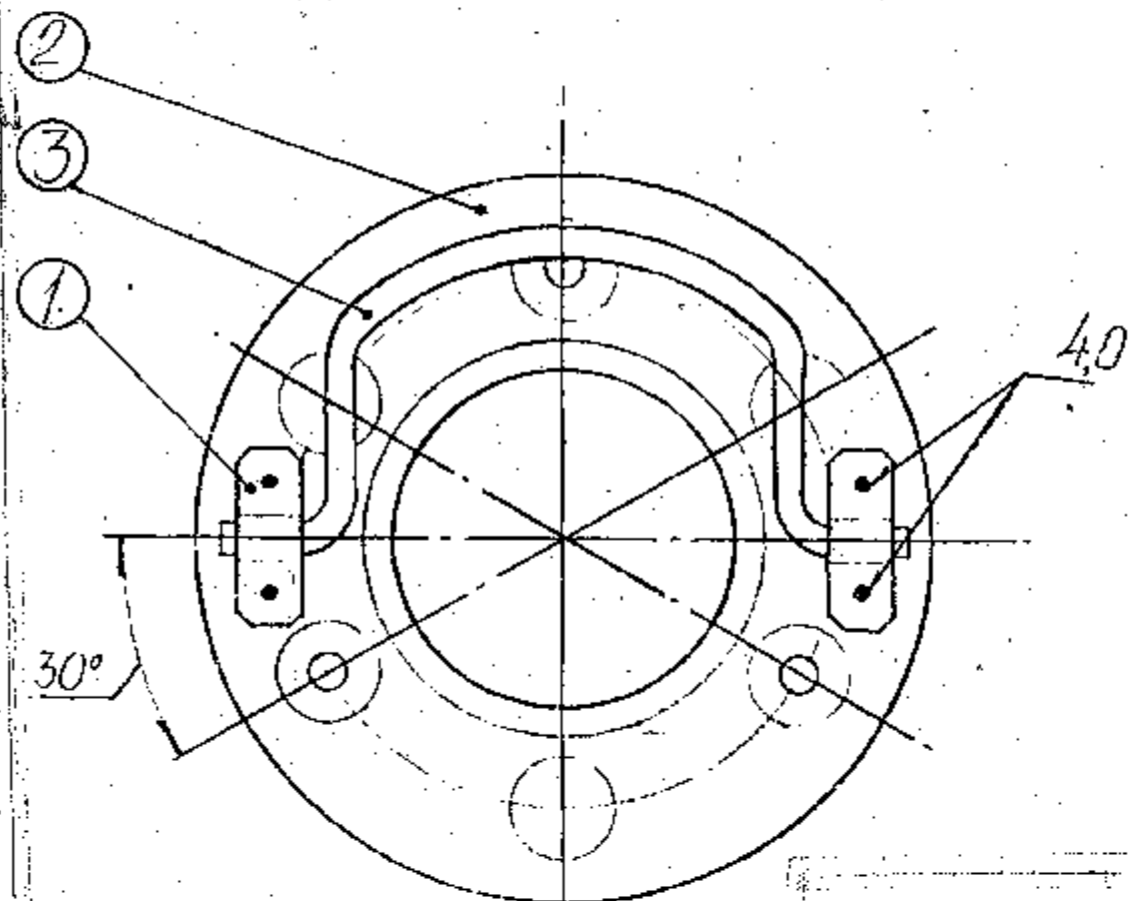
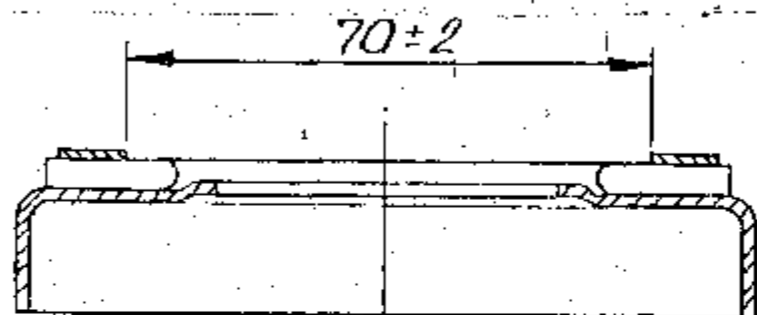
DRN		MATERIAL WIRE II 4;	USED ON
CHD		GOST 9389-75	CG 413-16-1CB
TCD		CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI	TITLE
APPD			
DATE	19-5-86	DIMENSIONS IN mm SCALE 1:1 TOLERANCE ON DIMNS UNLESS OTHERWISE STATED	DRAWING NUMBER 413-46
		ALL THREADS CONFORM TO	D S CAT NUMBER
ISSUE	DATE	NATURE OF AMENDMENTS	

A6
SIZE A3



DRG. INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - 3

DRAWING NUMBER
CB 413 16 1 CB.



1. COATING: Sn 6.
2. THERE MAY BE NO COATING AT THE PLACES OF SPOT WELDING.
3. THERE MAY BE NO COATING AT THE PLACES OF CONTACT OF COMPONENTS 1, 2 AND 3.
4. COMPONENT 3 SHOULD TURN FREELY WITHOUT JAMMING.
5. RESISTANCE SPOT WELDING.
6. COATING: Zn 6, CHROMATIZING AS PER INSTRUCTIONS UJ 483 - 82.

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

EST. WT.
0.105 Kg

TO BE STAMPED OR MARKED WHERE INDICATED THUS II (LETTERS)

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

ISSUE	DATE	NATURE OF AMENDMENTS

DRN
 CHD
 TCD
 APPD
 DATE
 SCALE: 1 : 1
 DIMENSIONS IN mm
 TOLERANCE ON DIMNS UNLESS OTHERWISE STATED
 ALL THREADS TO CONFORM TO :

MATERIAL :
 USED ON :
 CB 413 06 1 CB
 CONTROLLERATE OF INSPECTION (HEAVY VEHICLES)
 AVADI
 TITLE: SUB ASSY COVER THIRD
 SLOT TYPE FILTERING SECTION
 D S CAT NUMBER
 DRAWING NUMBER
 CB 413 16 1 CB

(A-6)
 SIZE A3

