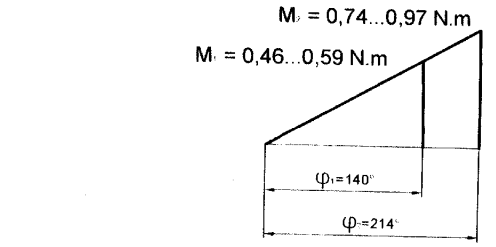
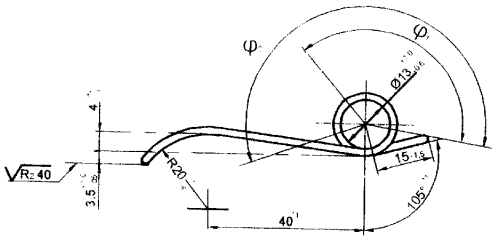
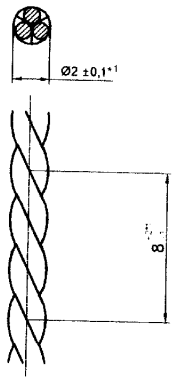
SK-6522/TE

D.A. NO.

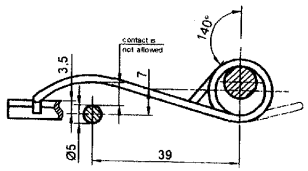


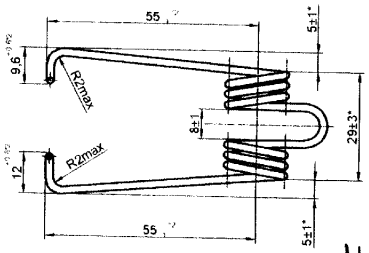


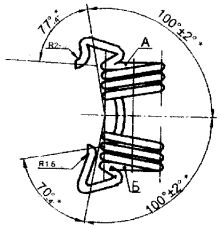
Work Piece (5 : 1)

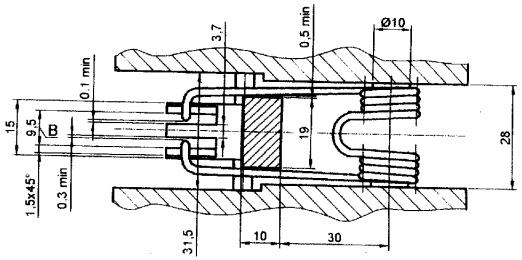


Schematic diagram for spring inspection









1 E*1 = 196 GPa (20000 kgf/mm2)
2 G3*1 = 0,92 GPa (92 kgf/mm2)
3 Spring coining direction is right, left
4 Wire rope winding direction is left
5 i = 3.
6 n = 6(3+3)
7 Tempering from 240° C to 260° C
8 Dc = 11,5 mm.
9 Length of unrolled Wire of one strand l*1 = 540 mm.
10 Lenght of unrolled wire rope lmp *1 = 485mm.
11 *Dimensions to be ensured by tool.
12 *1 Reference dimensions and parameters.
13 *2 Dimensions to be checked with spring ends pressed up to dimension B.
14 Unspecified tolerances according to 6Г45-1 С&Ту/Е2.
15 When spring unpressed, clearance between coils should be not less than 0,3 mm.
16 Diameter of end coil is allowed to be increased by 2 mm.
17 Coaxiality tolerance of spring ends A and Б is 5 mm.
18 Prestress at torsion angle φ4, prestressing time is 24 hours.
19 Diameter of pin to define torques and prestressing Dc = 10 mm.
20 2% of springs is subjects to sampling testing by applying repeated variable load during 30 min.

HOS/MMD

20-7-23

20/07/23

Wire 1-0,9 GOST 9389-75

Weight: 7.7 g

7.62x39 AR-SAF

MAINSPRING

DRAWN	SEEN BY	CHECKED
DATE	12/06/2023	
APPROVED		
		HOS/DDO

SCALE NTS

SMALL ARMS FACTORY KANPUR

DRG. NO. SK-6522/TE

SHT. 1 OF 1