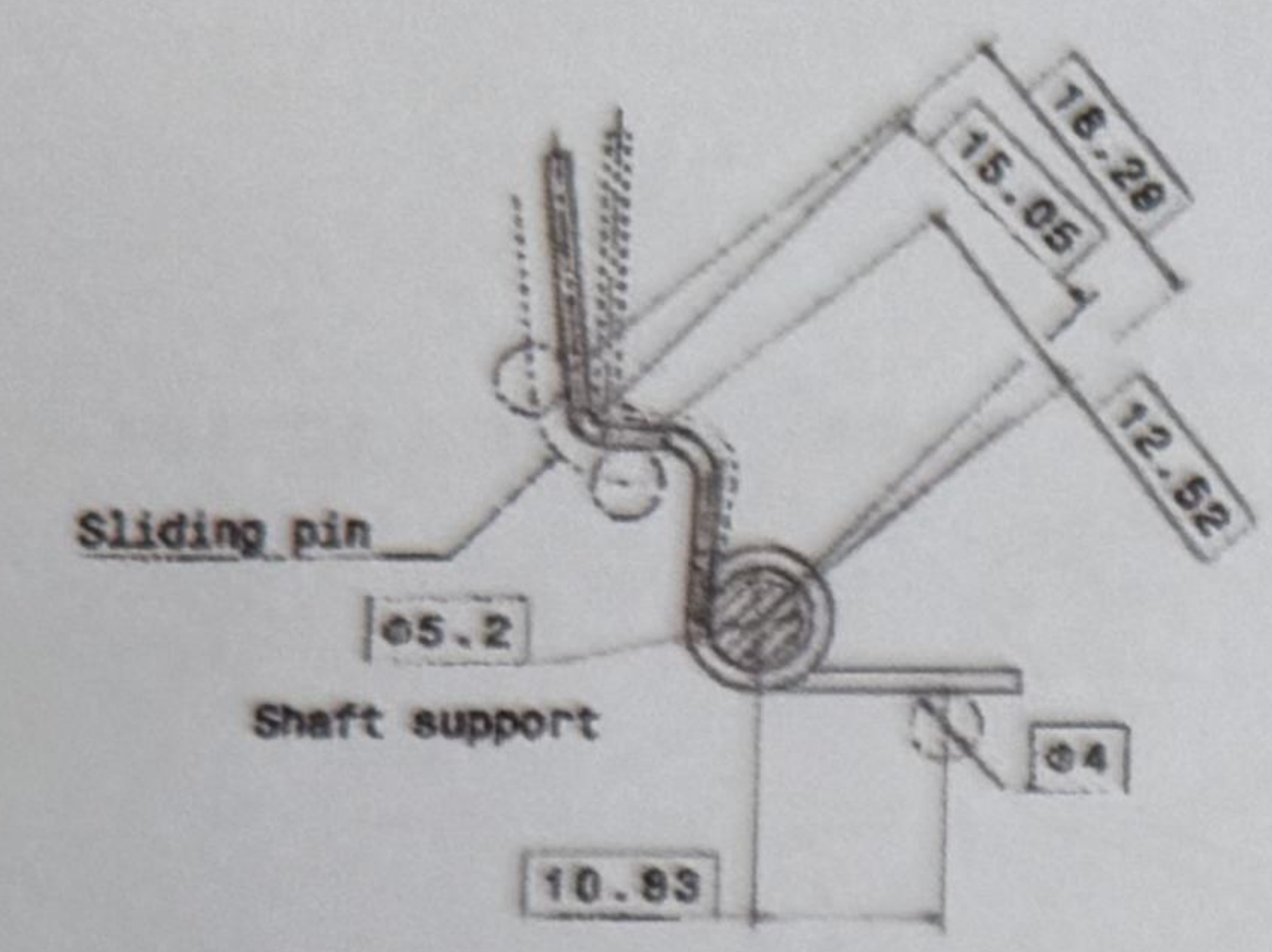
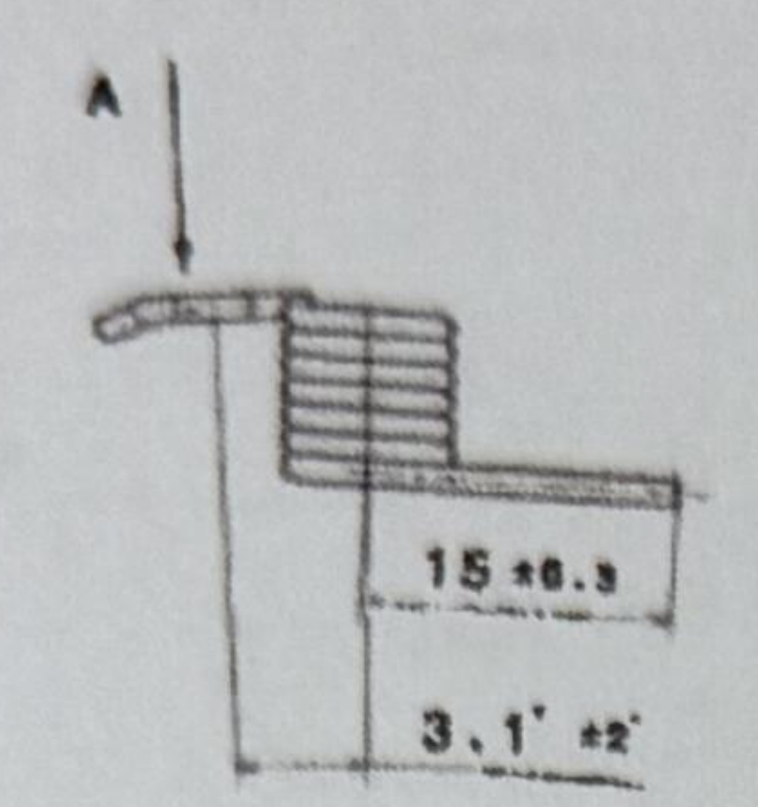
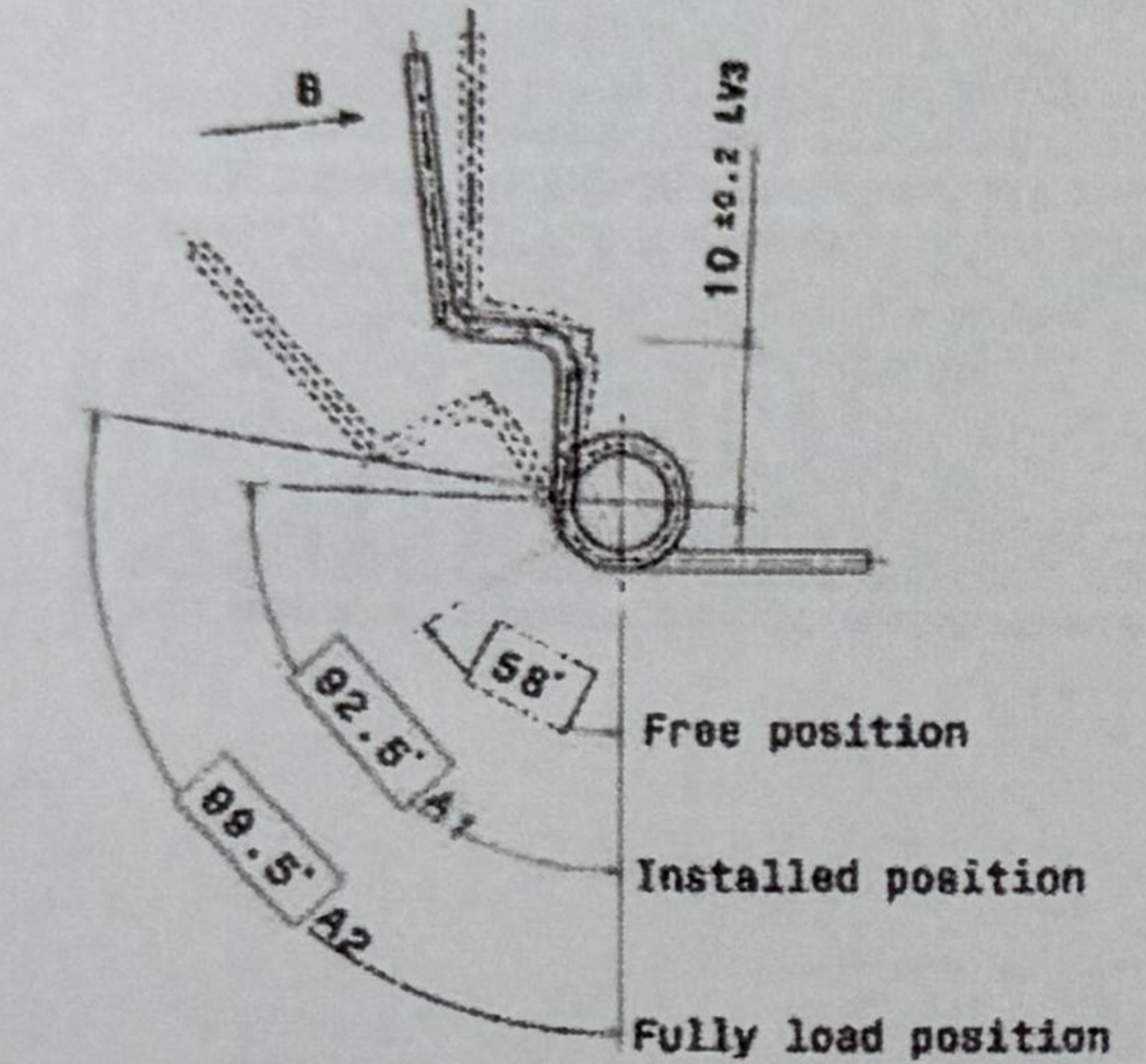
2.800 Pz/h Wafios
Trasf. 0,009
MP 0,010

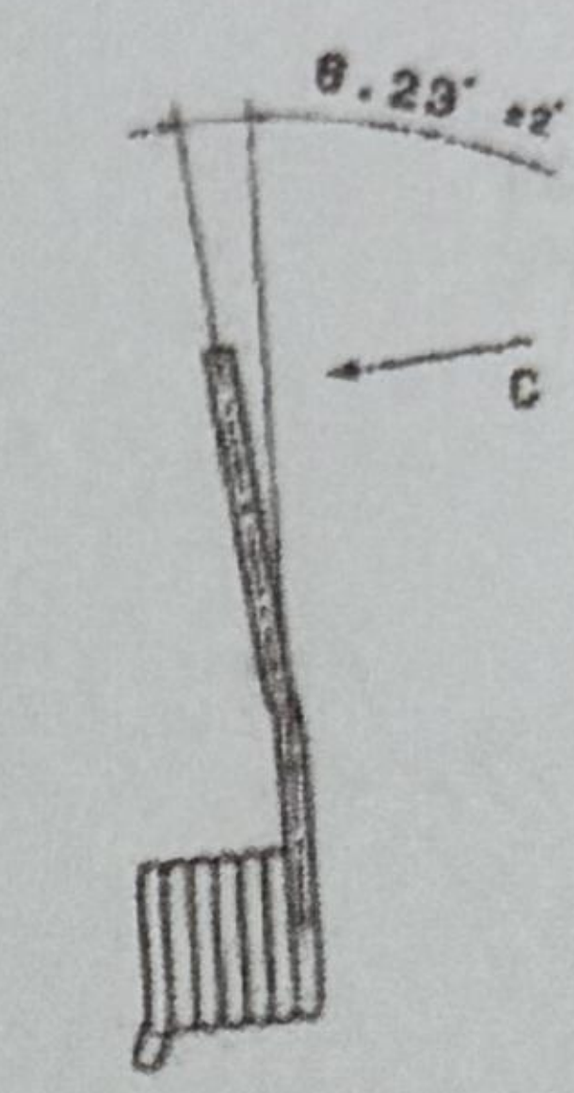
Ø1,2



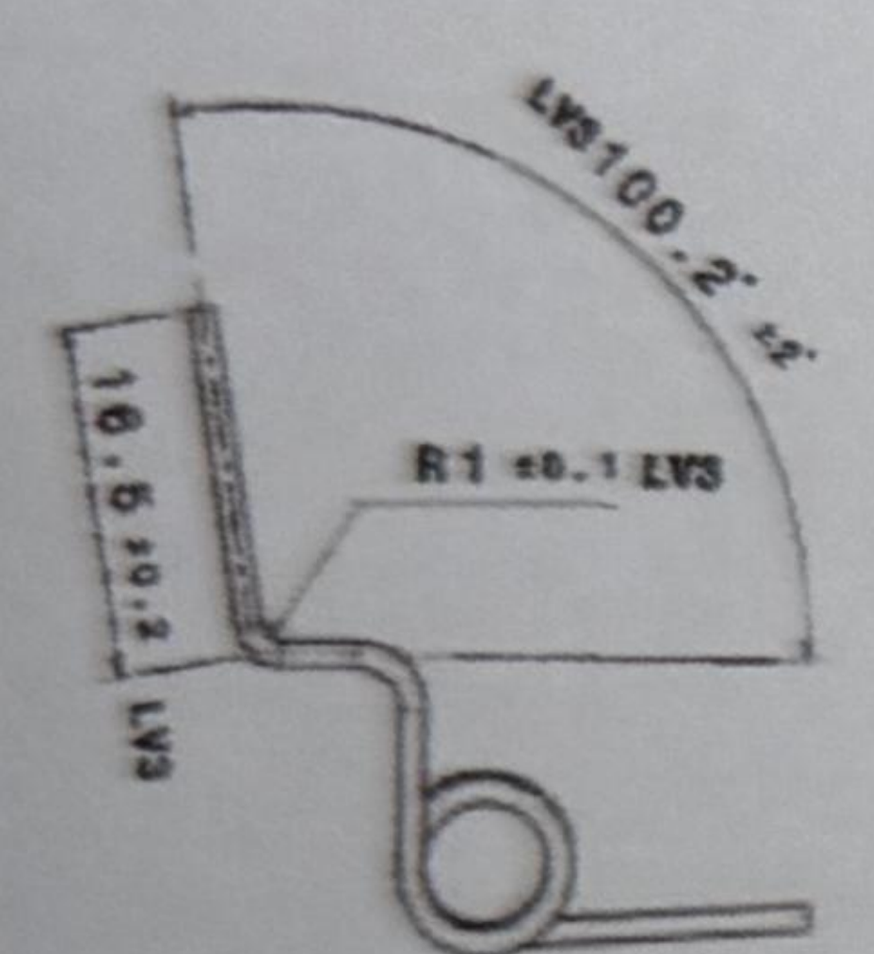
Contact points



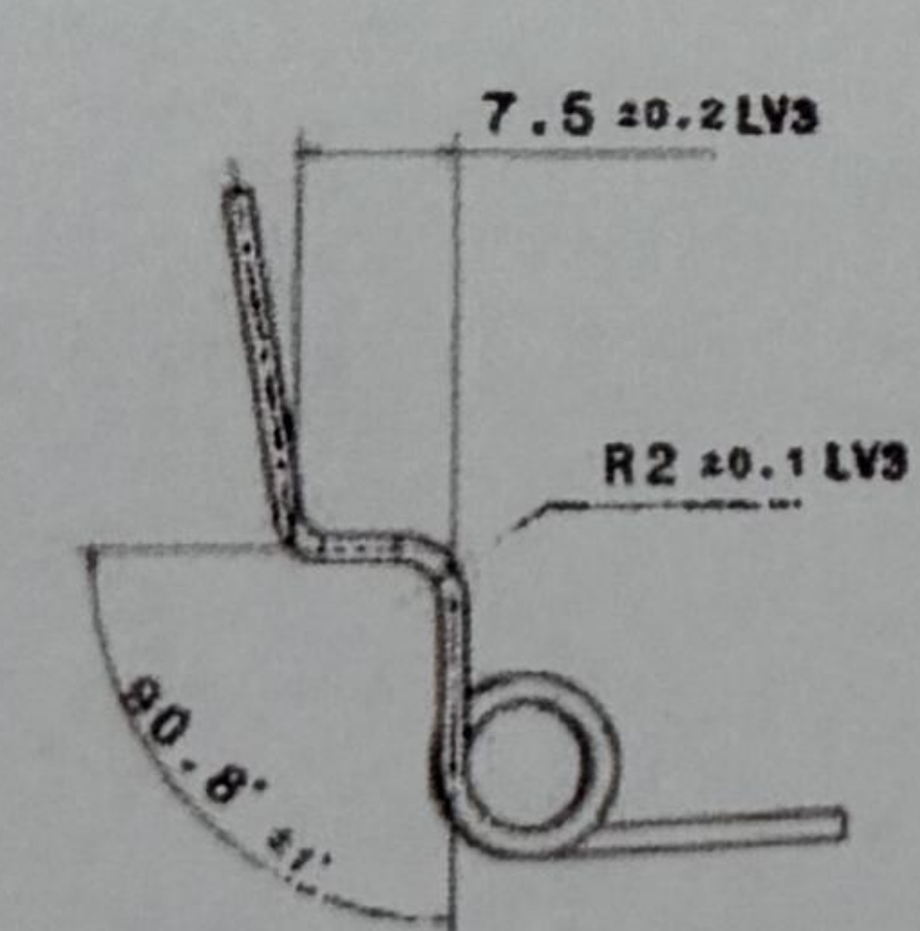




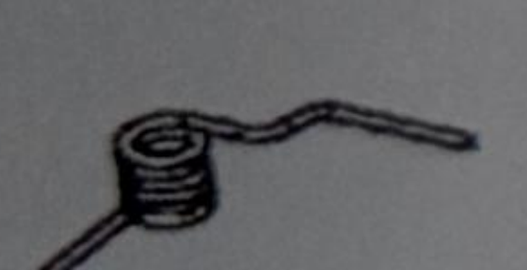
Auxiliary view B



Auxiliary view C



Auxiliary view A



Isometric view
Scale: 1:1

	TORSION SPRING		
LV2	MATERIAL	[illegible]	
	SURFACE TREATMENT		
	MATERIAL STANDARD	EN 10270-[illegible]	
LV2	WIRE DIAMETER	[illegible]	mm
	INNER DIAMETER IN FREE POSITION	[illegible]	mm
	INNER DIAMETER IN A2 POSITION	[illegible]	mm
	N° OF COILS IN FREE POSITION	[illegible]	
	APPROX. ANGLE IN FREE POSITION (A0)	[illegible]	
LV1	TORQUE IN A1 POSITION (T1) MEASURED AS SHOWN	[illegible]	N-mm
	TORQUE IN A2 POSITION (T2) MEASURED AS SHOWN	87.3±10%	N-mm
	HELIX DIRECTION	LH	
	FATIGUE LIFE MUST EXCEED [illegible] CYCLES BETWEEN T1 AND T2		

GENERAL NOTES:

1.
2. DIMENSIONS WITHIN BRACKETS ARE FOR REFERENCE ONLY
3. SPECIAL CHARACTERISTICS IDENTIFIED ON THE DRAWING (E.G. LV1 LV2 LV3) MUST BE INCLUDED IN THE CONTROL PLAN

NOTE FOR SPRINGS:

LV3 1.1 SPRINGS MUST BE FREE OF BURRS, SHARP EDGES AND TOOL MARKS AFFECTING FIT OR FUNCTION

1.2 VIEW AND DIMENSION ARE SHOWN IN INSTALLED POSITION, EXCEPT AS NOTED.

1.3 MOMENTS TO BE CHECKED AT POSITIONS DEFINED BY REFERENCE DIMENSIONS MARKED *

1.4 SPRING MUST PASS LIFE CYCLE TESTING IN A FIXTURE APPROVED BY MAGNA CLOSURES. TEST 8 SAMPLES FOR 1.500.000 CYCLES OR 22 SAMPLES FOR 1.000.000 CYCLES

1.5 SPRING TO WORK OVER 5.2 DIAMETER SHAFT.

1.6 FRICTION BETWEEN COILS OF TORSION SPRING SHALL NOT EXCEED 20% OF TOTAL MOMENT

1.7 SPRING TO BE MEASURED IN LOADING DIRECTION.

NOTE FOR INERTIA:

8.1 ALL CHANGES TO THIS COMPONENT MUST BE EVALUATED FOR FMVSS 206 AND ECE 11 INERTIAL ANALYSIS IMPLICATIONS

Finale

FIRST ANGLE PROJECTION

DATA CAD DATA IS MASTER EXCEPT FOR THE DIMENSION REQUIREMENTS SHOWN ON THE DRAWING. ALL MATH DATA ASSUMED BASIC AND GEOMETRIC TOLERANCE APPLIES.

FORM CONTOURS [illegible]
TRIM LINES [illegible]
CIRCULAR FEATURES [illegible]

DIMENSIONS WITHOUT TOLERANCE:
FINE / MEDIUM / COARSE

A00	FIRST RELEASE OF [illegible]		
REV LEV	DESCRIPTION OF CHANGE		
[illegible]	[illegible]	SILEO C.	ECN [illegible]
DATE (DD/MM/YY)	DESIGNER	CHECKER	NOTIFICATION N°

CUSTOMER	PRODUCT	PROGRAM N°	VERSION
[illegible]	LATCH	[illegible]	

MATERIAL	SURFACE TREATMENT	WEIGHT g
SEE TABLE		1.7

DESCRIPTION
LOCK SPRING

	M17679	A00	RH
	M17680	A00	LH
METRIC	SCALE 2:1		
PAGE 1 OF 1	CAD SYSTEM: CATIA V5	SIZE: A1	