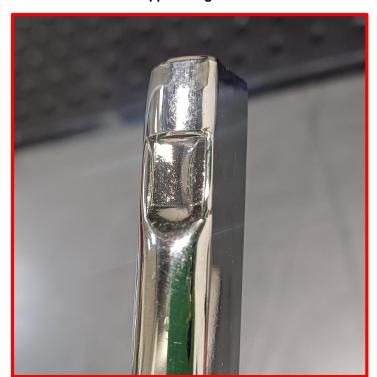


													GRAM	MER
DIMENSIONAL PART REPORT											LABORATORY			
Report Number: 2024-0005_s														
Customer: BMW Customer part number:											Issue date: October 7, 2024			
Part na						Evaluation reason:					Evaluated by:			
		SUPPORT ROD RS CPL VCR				Anual validation:				MIREYA HERNANDEZ				
Part n	umber:	4070400				New part.				Evaluation date:				
Maria		1372108				Engineering change.  New tooling.					October 7, 2024 Autorized by:			
Numb	er of pieces:	5				Corrected tooling.				OSCAR GOMEZ				
P	lane No.:	1372107				Prototype piece.				Evaluation machine:				
	Dated:	02.10.18				X Others (Specify):					CMM (EM-005) /Vision System / Caliper			
	Change:	С									Calibration date:			
	f production					FULL LAY OUT _supplier _Nigbo					FED 04 / HIN 04 / 0FD 04			
	Batch Number	er										FEB-24 / JUN-	24 / SEP-24	
Obser	vations:													
		T					T		In	4070407	01			
Item	Measuring equipment	Characteristics	Especial Features	١ .	Spec.:	İ		nits	Draw:	1372107	Change: c		С	Result
	used			NOMINAL	TOL. MIN -	TOL. MAX +	MIN.	MAX.	Piece 1	Piece 2	btained Valu	Piece 4	Piece 5	Result
1	СММ	WIDE	NING A	LLOWED	MAX.	14.300	0.000	14.300	14.210	14.190	14.220	14.190	14.210	ОК
2	Vernier		LOWED		16.000	0.000	16.000	14.440	14.430	14.400	14.380	14.41	ок	
3	СММ	Radius		850.000	50.000	50.000	800.000	900.000	893,440	897.120	892.440	893,150	892.1	ОК
4	СММ	Position			ф з	<u> </u>	0.000	3.000	1.526	1.313	1.313	1.328	1.261	ок
5	V. System	Distance		12.000	0.100	0.100	11.900	12.100	12.000	12.020	12.030	12.040	12.04	ОК
6	Vernier	WIDE	NING AL	LOWED N	AX.	12.300	0.000	12.300	12.060	12.070	12.070	12.060	12.07	ок
	СММ	Diameter		14.000	0.050	0.110	13.950	14.110	13.983	13.950	13.950	13.985	13.971	ок
7	СММ	Position		[-	φ 02 /	A B C	0.000	2.000	1.238	0.933	0.933	1.053	0.858	ок
8	V. System	Radius		0.300	0.000	0.200	0.300	0.500	0.305	0.303	0.307	0.304	0.302	ок
9	СММ	Diameter		12.000	0.100	0.100	11.900	12.100	11.950	11.990	11.950	11.950	11.96	ок
	СММ	Position			φ   Φ2   A	BC	0.000	2.000	0.796	0.502	0.502	0.632	0.569	ок
10	СММ	Diameter		9.000	0.100	0.100	8.900	9.100	8.980	8.981	8.981	8.995	8.999	OK
11	СММ	Diameter		13.600	0.200	0.200	13.400	13.800	13.640	13.660	13.640	13.660	13.65	ок
13	V. System	Distance		2.500	0.000	1.500	2.500	4.000	3.912	3.945	3.967	3.987	3.981	OK
14	V. System	Draw a. max		0.000	0.000	0.500	0.000	0.500	0.133	0.142	0.128	0.129	0.131	OK
15	СММ	Angle		90.000	2.000	2.000	88.000	92.000	90.120	90.003	90.220	90.150	90.17	OK
16	СММ	Angle		58.000	REF.				60.120	60.230	60.220	60.120	60.06	
17	СММ	Distance		7.700	MIN.				7.723	7.608	7.605	7.684	7.724	OK
18	СММ	Distance		10.000	0.200	0.200	9.800	10.200	10.100	10.100	10.160	10.080	10.11	OK
19	Vernier	Distance		3.000	0.000	0.500	3.000	3.500	3.420	3.420	3.460	3.350	3.37	OK
20	V. System	Distance		13.300	MAX.	0.000	7.000	7.000	13.240	13.220	13.260	13.240	13.26	OK
21	СММ	Distance		7.600	0.000	0.300	7.600	7.900	7.560	7.550	7.550	7.560	7.58	X
22	СММ	Distance		8.800	0.200	0.200	8.600	9.000	8.910	8.940	8.900	8.880	8.840	OK
23	СММ	Perpendicularity				0,4 A	0.000	0.400	0.432	0.414	0.433	0.422	0.433	X
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Hoja : 1 de 2 Internal FGC-181 Rev. 05 Fecha: 18/05/2023

supplier: Nigbo



supplier: T&H



Hoja : 2 de 2 Internal