

TITLE OF PROJ. Powder Metal Lens VS Prod.

PROJ NO

SUBJECT M-700 - 243 Cal

WORKS

COMPUTER

DATE 4-2-1965

139457	W/P.M. SCAR	F.P. INDENT	Ave of 10	TRIP Pull	Ave of 10
	0 cycles	.0193" ✓	Ave of 10	Reading	4.95
	at 100 "	.0192" ✓	" " 10	"	5.37
	" 200 "	.0189" ✓	" " 10	"	5.57
	" 300 "	.0183" ✓	Ave of 5	Reading	5.40
	" 400 "	.0189" ✓	" " 5	"	5.70
2nd time	500 "	.0187" ✓	" " 5	"	5.94
	1000 "	.0196" ✓	" " 5	"	5.25
	1500 "	.0196" ✓	" " 5	"	5.20
	2000 "	.0187" ✓	" " 5	"	4.75
	2500 "	.0185" ✓	" " 5	"	5.15
	3000 "	.0193" ✓	" " 5	"	5.55
139312	0 cycles	.019" ✓	Ave of 10	Reading	5.47
	100 "	.0189" ✓	" " 10	"	5.85
	200 "	.0187" ✓	" " 10	"	5.57
	300 "	.0181" ✓	" " 5	"	5.25
	400 "	.0182" ✓	" " 5	"	5.25
	500 "	.0175" ✓	" " 5	"	4.90
	1000 "	.0197" ✓	" " 5	"	5.55
	1500 "	.0184" ✓	" " 5	"	5.50
	2000 "	.0187" ✓	" " 5	"	5.70
	2500 "	.0179" ✓	" " 5	"	6.55
	3000 "	.0182" ✓	" " 5	"	6.50
39413	0 cycles	.019" ✓	Ave of 10	Reading	5.70
	100 "	.0192" ✓	" " 10	"	6.17
	200 "	.0191" ✓	" " 10	"	5.37
	300 "	.0195" ✓	" " 5	"	5.60
	400 "	.0186" ✓	" " 5	"	5.35
	500 "	.0192" ✓	" " 5	"	5.95
	1000 "	.0186" ✓	" " 5	"	6.35
	1500 "	.0180" ✓	" " 5	"	6.15
	2000 "	.0185" ✓	" " 5	"	6.30
	2500 "	.0179" ✓	" " 5	"	6.40
	3000 "	.0178" ✓	" " 5	"	7.70

TITLE OF PROJ. *Round Metal Gears vs. Prod Gears*

PROJ. NO.

SUBJECT *M-700 - 243 Gd*

WORKS

COMPUTER

DATE *4-5*

1915

39609	<i>W/ Prod Gear</i>	<i>EP INDENT</i>	<i>TRIG Pull</i>	<i>and</i>
	0 cycle	.0184" <i>ave of 10 Readings</i>	4.65	
	100 "	.0182" "	6.20	
	200 "	.0186" "	5.17	
	300 "	.0183" "	5.25	
	400 "	.0186" "	5.50	
	<i>Sub Total</i> 500 "	.0175" "	5.20	
	1,000 "	.0186" "	6.40	
	1,500 "	.0189" "	5.40	
	2,000 "	.0185" "	6.20	
	2,500 "	.0181" "	5.40	
	3,000 "	.0180" "	5.25	
39555	0 cycle	.0195" <i>ave of 10 Readings</i>	5.10	
	100 "	.0194" "	5.25	
	200 "	.0191" "	5.50	
	300 "	.0199" "	5.45	
	400 "	.0194" "	6.05	
	500 "	.0198" "	5.60	
	1,000 "	.0199" "	6.25	
	1,500 "	.0200" "	5.75	
	2,000 "	.0193" "	5.60	
	2,500 "	.0205" "	5.95	
	3,000 "	.0193" "	5.70	
39298	0 cycle	.019" <i>ave of 10 Readings</i>	5.30	
	100 "	.0188" "	5.90	
	200 "	.0191" "	5.62	
	300 "	.0188" "	5.40	
	400 "	.0186" "	6.10	
	500 "	.0189" "	6.40	
	1,000 "	.0192" "	6.40	
	1,500 "	.0186" "	6.95	
	2,000 "	.0188" "	7.25	
	2,500 "	.0201" "	7.75	
	3,000 "	.0193" "	9.50	

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

REMINGTON ARMS COMPANY, INC.

ENGINEERING DEPARTMENT  COMPUTATION SHEET

5-25-20

TITLE OF FILE: M700 - POWDER METAL SEAL TEST

P=0.0001

SUBJECT MAX. AND MIN. DRY CYCLE MEASURED WINDS

TRIGGER PULL.

2. 4000000000

Case

13

NUMBERS	139457	139712	139413	139609	139555	139298	MEASURES
or	P.M.-SEAR	P.M.-SEAR	P.M.-SEAR	STD.-SEAR	STD.-SEAR	STD.-SEAR	SAMPLE
DRY	MIN-MAX	MIN-MAX	MIN-MAX	MIN-MAX	MIN-MAX	MIN-MAX	SIDE
CYCLES	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	
0	4.75-5.25	5.00-5.75	5.25-6.00	4.50-4.75	5.00-5.25	5.25-5.75	10
1.00	5.25-5.50	5.00-6.50	6.00-6.50	6.00-6.75	5.00-5.50	5.50-6.25	10
2.00	5.25-6.00	5.50-5.75	5.25-5.75	5.00-5.00	5.25-5.75	5.50-5.75	10
3.00	5.25-5.75	5.00-5.25	5.50-5.75	4.75-5.25	5.25-5.50	5.25-5.50	5
4.00	5.50-6.00	4.75-5.50	5.25-5.50	5.25-5.75	5.75-6.25	5.75-6.25	5
5.00	4.75-5.25	4.75-5.25	5.50-6.25	5.00-5.25	5.25-6.00	6.25-6.50	5
10.00	5.00-5.75	5.25-5.75	6.00-6.50	6.25-6.75	5.75-6.25	6.25-6.75	5
15.00	4.75-5.50	4.75-5.50	5.75-6.50	5.25-5.75	5.50-6.25	6.00-7.50	5
20.00	4.50-5.25	5.50-6.00	5.75-6.25	5.75-6.50	5.25-5.75	6.75-7.25	5
25.00	4.75-5.50	5.75-7.25	6.00-6.75	5.00-5.75	5.75-6.25	6.75-7.50	5
30.00	5.25-6.00	5.75-7.25	7.00-8.50	5.00-5.50	5.25-6.00	8.75-10.00	5
40.00	5.00-5.75	6.50-8.75	6.00-7.50	4.75-5.50	5.00-6.00	8.50-10.00	5
50.00	5.25-6.50	6.75-9.50	6.75-8.50	4.50-5.00	5.25-5.50	8.00-8.75	5
60.00	6.00-6.75	6.75-8.75	7.00-8.75	4.75-4.75	5.50-6.25	7.25-8.50	5
70.00	7.25-8.75	10.00-14.00	8.25-9.75	4.00-4.50	5.50-6.25	6.00-7.50	5
80.00	6.50-7.75	9.25-10.25	9.75-10.25	4.00-4.50	4.50-5.75	6.50-7.75	5
90.00	6.75-7.50	7.75-11.25	10.25-11.75	3.75-4.50	4.75-5.25	7.75-9.00	5
100.00	6.00-6.50	10.25-12.50	6.75-7.00	4.00-4.00	5.00-5.25	6.50-8.50	5
	N	N	N	OK	OK	N	