

RCS Part Cross-Reference Guide

4/8/05

RCS Part No.	Description	Where Used
Nozzles		
01100	.808" O.D. X .086" Throat X .190" Exit	Nozzle for 24mm single use MR
01150	.808" O.D. X .104" Throat X .250" Exit	Nozzle for 24mm single use MR
01250	.865" O.D. X .086" Throat X .190" Exit	Nozzle for RMS-24/40 and 29/40-120 MR reloads
01300	.865" O.D. X .104" Throat X .250" Exit	Nozzle for RMS-24/40 and 29/40-120 MR reloads
01350	.865" O.D. X .141" Throat X .313" Exit	Nozzle for RMS-24/40 and 29/40-120 MR reloads
01400	1.000" O.D. X .104" Throat X .250" Exit	Nozzle for 29mm single-use, 29 & 38mm RMS-HP reloads
01450	1.000" O.D. X .141" Throat X .313" Exit	Nozzle for 29mm single-use, 29 & 38mm RMS-HP reloads
01500	1.000" O.D. X .180" Throat X .438" Exit	Nozzle for 29mm single-use, 29 & 38mm RMS-HP reloads
01550	1.000" O.D. X .291" Throat X .688" Exit	Nozzle for 29 & 38mm RMS-HP reloads
01600	1.308" O.D. X .137" Throat X .289" Exit	Nozzle for 38mm single-use HP
01670	1.985" O.D. X .455" Throat X 1.250" Exit	Nozzle for 54mm HP-RMS reloads (K695R & K1275R)
01700	1.990" O.D. "Medusa" nozzle	Nozzle for 54mm single-use & HP-RMS
01750	2.730" O.D. "Medusa" nozzle	Nozzle for 75mm HP-RMS reloads
01770	2.730" O.D. X .685" Throat X 1.875" Exit	Nozzle for 75mm HP-RMS reloads
01800	3.619" O.D. X .344" Throat X .900" Exit	Nozzle for 98mm HP-RMS reloads
01850	3.619" O.D. "Medusa" Nozzle	Nozzle for 98mm HP-RMS reloads
Casting Tubes		
03154L	.562" O.D. X .534" I.D. X 24.00" Long	Grains for RMS-18/20 MR reloads, delays for 18-29mm RMS-MR reloads
03155L	.610" O.D. X .564" I.D. X 25.75" Long (plastic)	RMS-Plus delays for 29 & 38mm RMS-HP reloads
03156L	.620" O.D. X .594" I.D. X 24.75" Long	Delays for 24 & 29mm single-use
03158L	.772" O.D. X .750" I.D. X 25.50" Long	Grains for RMS-24/40 MR reloads
03160L	.808" O.D. X .782" I.D. X 28.50" Long	Grains for 24mm single-use MR
03162L	.872" O.D. X .840" I.D. X 25.00" Long	Grains for RMS-29/40-120 MR reloads
03164L	.933" O.D. X .901" I.D. X 29.00" Long	Grains for 29mm RMS-HP reloads
03165L	.933" O.D. X .887" I.D. X 25.75" Long (plastic)	RMS-Plus delays for 54mm RMS-HP reloads
03168L	1.000" O.D. X .975" I.D. X 25.75" Long	Grains for 29mm single-use MR
03170L	1.308" O.D. X 1.274" I.D. X 22.75" Long	Grains for 38mm RMS-HP reloads
03172L	1.308" O.D. X 1.213" I.D. X 24.50" Long	Grains for 38mm RMS-HP Black Jack reloads
03176L	1.750" O.D. X 1.688" I.D. X 28.00" Long	Grains for 54mm RMS-HP long burn reloads
03178L	1.870" O.D. X 1.800" I.D. X 20.50" Long	Grains for 54mm RMS-HP std. reloads

RCS Part No.	Description	Where Used
Casting Tubes (cont'd)		
03180L	2.557" O.D. X 2.493" I.D. X 17.75" Long	Grains for 75mm RMS-HP reloads
03182L	3.370" O.D. X 3.270" I.D. X 6.00" Long	Grains for 98mm RMS-HP reloads
03184L	3.370" O.D. X 3.270" I.D. X 24.00" Long	Grains for 98mm RMS-HP reloads
Phenolic Casing		
01950L	.938" O.D. X .812" I.D. X 48" Long	24mm SU motor casing
01960L	1.130" O.D. X 1.005" I.D. X 48" Long	29mm SU motor casing
01970L	1.500" O.D. X 1.312" I.D. X 48" Long	38mm SU motor casing
Paper Liners		
02000	.629" O.D. X .562" I.D. X 2.093" Long	Paper liner for RMS-18/20 MR reloads
02010	.865" O.D. X .775" I.D. X 2.034" Long	Paper liner for RMS-24/40 MR reloads
02032	1.004" O.D. X .950" I.D. X 3.548" Long	Paper liner for RMS-29/120 HP reloads
02035	1.004" O.D. X .950" I.D. X 5.298" Long	Paper liner for RMS-29/180 HP reloads
02040	1.004" O.D. X .950" I.D. X 7.058" Long	Paper liner for RMS-29/240 HP reloads
02020	1.005" O.D. X .880" I.D. X 4.141" Long	Paper liner for RMS-29/40-120 MR reloads
02052	1.380" O.D. X 1.313" I.D. X 1.875" Long	Paper liner for RMS-38/120 HP reloads
02055	1.380" O.D. X 1.313" I.D. X 3.750" Long	Paper liner for RMS-38/240 HP reloads
02060	1.380" O.D. X 1.313" I.D. X 5.625" Long	Paper liner for RMS-38/360 HP reloads
02085	1.870" O.D. X 1.755" I.D. X 6.625" Long	Inner liner for RMS-54/852 long burn reloads
02090	1.870" O.D. X 1.755" I.D. X 9.968" Long	Inner liner for RMS-54/1280 long burn reloads
02095	1.870" O.D. X 1.755" I.D. X 13.280" Long	Inner liner for RMS-54/1706 long burn reloads
Phenolic Liner		
02045L	.997" O.D. X .937" I.D. X 48" Long	Phenolic liner for 29mm RMS-HP reloads
02065L	1.375" O.D. X 1.312" I.D. X 48" Long	Phenolic liner for 38mm RMS-HP reloads
03000L	1.982" O.D. X 1.875" I.D. X 48" Long	Phenolic liner for 54mm RMS-HP reloads
03035L	2.730" O.D. X 2.562" I.D. X 48" Long	Phenolic liner for 75mm RMS-HP reloads
03040L	3.610" O.D. X 3.375" I.D. X 48" Long	Phenolic liner for 98mm RMS-HP reloads
Molded Delay and Ejection Bulkheads		
01917-1	1" O.D. X 13/16" I.D. X 1.625" Long ABS Plastic	RMS-Plus bulkhead for 29mm SU motors
O-Rings		
00001	.826" O.D. X .590" I.D. X .118" Thick	RMS-Plus delay o-ring for 29 & 38mm RMS-HP reloads
00002	1.170" O.D. X .924" I.D. X .123" Thick	RMS-Plus delay o-ring for 54mm RMS-HP reloads
00014	5/8" O.D. X 1/2" I.D. X .070" Thick	Fwd o-ring for RMS-18/20, RMS-24/40 and RMS-29/40-120 MR reloads
00017	13/16" O.D. X 11/16" I.D. X .070" Thick	Nozzle o-ring for 24mm single-use MR
00018	7/8" O.D. X 3/4" I.D. X .070" Thick	Fwd o-ring for RMS-24/40 MR reloads
00020	1" O.D. X 7/8" I.D. X .070" Thick	Fwd & aft o-ring for RMS-29/40-120 MR, fwd o-ring for 29mm RMS-HP reloads

RCS Part No.	Description	Where Used
O-Rings (cont'd)		
00025	1-5/16" O.D. X 1-3/16" I.D. X .070" Thick	Fwd seal disk o-ring for 38mm RMS-HP reloads
00032	2" O.D. X 1-7/8" I.D. X .070" Thick	Liner o-ring for 54mm RMS-HP reloads
00111	5/8" O.D. X 7/16" I.D. X .103" Thick	Delay o-ring for RMS-18/20, RMS-24/40 and RMS-29/40-120 MR reloads
00115	7/8" O.D. X 11/16" I.D. X .103" Thick	Aft o-ring for RMS-24/40 MR reloads
00117	1" O.D. X 13/16" I.D. X .103" Thick	Fwd o-ring for 29mm RMS-HP reloads
00119	1-1/8" O.D. X 15/16" I.D. X .103" Thick	Inner delay o-ring for 98mm RMS-HP reloads
00122	1-5/16" O.D. X 1-1/8" I.D. X .103" Thick	Outer delay o-ring for 98mm RMS-HP reloads
00212	1-1/8" O.D. X 7/8" I.D. X .139" Thick	Aft o-ring for RMS-32/60-100 MR glider reloads
00216	1-3/8" O.D. X 1-1/8" I.D. X .139" Thick	Fwd o-ring for 38mm RMS-HP reloads
00224	2" O.D. X 1-3/4" I.D. X .139" Thick	Fwd & aft o-ring for 54mm RMS-HP reloads
00230	2-3/4" O.D. X 2-1/2" I.D. X .139" Thick	Fwd & aft o-ring for 75mm RMS-HP reloads
00318	1-3/8" O.D. X 1" I.D. X .210" Thick	Aft o-ring for 38mm RMS-HP reloads
00339	3-5/8" O.D. X 3-1/4" I.D. X .210" Thick	Fwd & aft o-ring for 98mm RMS-HP reloads
Forward & Aft Insulator Washers		
03350	13/16" Dia. X .031" Thick Neoprene Washer	Fwd delay insulator for 29 & 38mm RMS-Plus delays
03355	1-1/8" Dia. X .062" Thick Neoprene Washer	Fwd delay insulator for 54mm RMS-Plus delays
05400	.865" Dia. X .032" Thick Fiber Washer	Fwd insulator for RMS-24/40 MR reloads
05402	1.000" Dia. X .062" Thick Fiber Washer	Fwd & aft insulator for 29mm RMS-HP reloads, fwd insulator for RMS-29/40-120 MR reloads
05404	1.375" Dia. X .062" Thick Fiber Washer	Fwd & aft insulator for 38mm RMS-HP reloads
05406	1.990" Dia. X .062" Thick Phenolic Washer	Fwd insulator for 54mm RMS-HP reloads
05408	2.730" Dia. X .125" Thick Fiber Washer	Fwd insulator for 75mm RMS-HP reloads
05410	3.610" Dia. X .250" Thick Phenolic Stepped Washer	Fwd insulator for 98mm RMS-HP reloads
Delay Insulators		
03070	5/8" O.D. X 9/16" I.D. X .613" Long	Delay insulator for RMS-24/40 MR reloads
03072	5/8" O.D. X 9/16" I.D. X .750" Long	Delay insulator for RMS-29/40-120 MR reloads
03300	13/16" O.D. X 5/8" I.D. X .594" Long Paper	Delay insulator for 29mm RMS-HP reloads
03302	13/16" O.D. X 5/8" I.D. X .719" Long Paper	Delay insulator for 38mm RMS-HP reloads
03356	1-1/8" O.D. X 15/16" I.D. X .815" Long Paper	Delay insulator for 54mm RMS-HP std. reloads
03357	1-1/8" O.D. X 15/16" I.D. X 1.315" Long Paper	Delay insulator for 54mm RMS-HP long burn reloads
03080	1-1/2" O.D. X 1-5/16" I.D. X 1-1/2" Long Phenolic	Smoke charge insulator for 75mm RMS-HP reloads
03081	1-1/2" O.D. X 1-5/16" I.D. X 2" Long Phenolic	Smoke charge insulator for 98mm RMS-HP reloads
Plastic Delay Adapters		
03090	13/16" O.D. X 5/8" I.D. X 3/8" Long Polyethylene	Delay adapter for 24mm SU motors
03091	13/16" O.D. X 5/8" I.D. X 1/2" Long Polyethylene	Delay adapter for 24mm SU motors
03092	1" O.D. X 5/8" I.D. X 5/8" Long Polyethylene	Delay adapter for 29mm SU motors
03093	1" O.D. X 5/8" I.D. X 13/16" Long Polyethylene	Delay adapter for 29mm SU motors