

24mm w/Delay Closure	60Ns - 2 grain	90Ns - 3 Grain	120Ns - 4Grain	180Ns - 6 Grain	240Ns - 7 Grain
Grain Length"	2.5	3.75	5	7.5	10"
Segment Length"	1.25	1.25	1.25	1.25	1.25 - 2.5
Core Diameter"	5/16	5/16	5/16	5-5/16 1-3/8"	6-5/16 1-3/8
Nozzle Throat Dia"	5/32	3/16	7/32	17/64	5/16
Max Kn	225	235	230	235	230
Class	E-F	F-G	G	G-H	H
Case Length"	4 13/16	6 1/16	7 5/16	9 13/16	12 5/16
Liner Length"	2 13/16	4 1/16	5 5/16	7 13/16	10 5/16

***Add 1/2" to liner length when using a Solid Plugged Forward Closure**

29mm w/Delay Closure	100Ns - 2 grain	160Ns - 3 Grain	200Ns - 4Grain	300Ns - 6 Grain	400Ns - 7 Grain	520Ns - 7L Grain
Total Propellant Length"	3	4.50"	6"	9"	12"	15"
Bates Grain Length"	1.5	1.5"	1.5"	1.5"	(6)1.5" (1)3"	(5)1.5" (2)3"
Core Diameter"	3/8"	3/8"	3/8"	(5)3/8" (1)7/16	(6)3/8" (1)7/16"	(6)3/8" (1)7/16"
Nozzle Throat Diameter"	3/16"	15/64"	17/64"	21/64"	3/8	25/64"
Max Kn	225	215	225	220	225	239
Class	F-G	G	G-H	H	I	I
Case Length"	5.53	7.03	8.53	11.68	14.68	17.68
Liner Length"	3.4	4.9	6.4	9.4	12.4"	15.4"

***Add 1/2" to liner length when using a Solid Plugged Forward Closure**