

.243 Dia., 107 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3500	3397	3296	3103	2918	2740	2570	2405	1803
ENERGY FT-LB		2909	2741	2582	2287	2023	1784	1569	1374	772
DROP INCHES		.00	-.35	-1.46	-6.11	-14.38	-26.73	-43.71	-65.95	-224.78
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-1.70	-7.01	-16.40	-30.42	-49.70	-196.71
INCHES	(200 YDS)	-1.50	.05	.85	.00	-4.46	-13.00	-26.17	-44.61	-188.21
(ZERO RANGE)	(300 YDS)	-1.50	.79	2.34	2.97	.00	-7.06	-18.74	-35.69	-173.35
	(600 YDS)	-1.50	3.77	8.28	14.87	17.85	16.74	11.00	.00	-113.86
MPBR ZERO	(275 YDS)	-1.50	.59	1.93	2.17	-1.21	-8.67	-20.75	-38.10	-177.37
WIND DRIFT	(10 MPH)	.00	.11	.46	1.88	4.34	7.93	12.73	18.88	60.01
INCHES	(20 MPH)	.00	.23	.92	3.76	8.68	15.85	25.47	37.76	120.02

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3400	3299	3201	3012	2831	2657	2489	2326	1736
ENERGY FT-LB		2746	2586	2435	2155	1904	1677	1472	1286	716
DROP INCHES		.00	-.37	-1.54	-6.48	-15.25	-28.36	-46.39	-70.03	-239.45
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-1.89	-7.62	-17.68	-32.66	-53.27	-210.50
INCHES	(200 YDS)	-1.50	.12	.95	.00	-4.78	-13.89	-27.94	-47.59	-201.04
(ZERO RANGE)	(300 YDS)	-1.50	.92	2.54	3.19	.00	-7.52	-19.97	-38.03	-185.12
	(600 YDS)	-1.50	4.09	8.88	15.86	19.02	17.83	11.72	.00	-121.73
MPBR ZERO	(270 YDS)	-1.50	.66	2.02	2.16	-1.54	-9.58	-22.54	-41.12	-190.25
WIND DRIFT	(10 MPH)	.00	.12	.48	1.95	4.50	8.22	13.22	19.63	62.64
INCHES	(20 MPH)	.00	.23	.95	3.90	9.00	16.44	26.44	39.26	125.28

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3300	3202	3106	2921	2743	2572	2407	2247	1669
ENERGY FT-LB		2586	2435	2292	2026	1788	1572	1377	1200	661
DROP INCHES		.00	-.40	-1.64	-6.88	-16.20	-30.14	-49.33	-74.53	-255.69
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-2.10	-8.28	-19.08	-35.13	-57.19	-225.79
INCHES	(200 YDS)	-1.50	.20	1.05	.00	-5.13	-14.87	-29.87	-50.88	-215.27
(ZERO RANGE)	(300 YDS)	-1.50	1.05	2.76	3.42	.00	-8.04	-21.33	-40.62	-198.18
	(600 YDS)	-1.50	4.44	9.53	16.96	20.31	19.04	12.52	.00	-130.48
MPBR ZERO	(260 YDS)	-1.50	.69	2.03	1.96	-2.18	-10.94	-24.96	-44.98	-205.45
WIND DRIFT	(10 MPH)	.00	.12	.49	2.02	4.67	8.55	13.76	20.46	65.54
INCHES	(20 MPH)	.00	.24	.99	4.04	9.35	17.10	27.52	40.92	131.08

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 255 YARDS.										
VELOCITY FPS		3200	3104	3010	2829	2655	2488	2325	2168	1602
ENERGY FT-LB		2432	2289	2153	1901	1675	1470	1284	1117	610
DROP INCHES		.00	-.42	-1.74	-7.33	-17.25	-32.11	-52.58	-79.49	-273.74
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-2.34	-9.02	-20.63	-37.86	-61.52	-242.79
INCHES	(200 YDS)	-1.50	.28	1.17	.00	-5.51	-15.95	-32.02	-54.51	-231.11
(ZERO RANGE)	(300 YDS)	-1.50	1.20	3.01	3.67	.00	-8.61	-22.83	-43.49	-212.74
	(600 YDS)	-1.50	4.83	10.25	18.17	21.74	20.39	13.41	.00	-140.25
MPBR ZERO	(255 YDS)	-1.50	.77	2.13	1.93	-2.62	-12.10	-27.20	-48.73	-221.47
WIND DRIFT	(10 MPH)	.00	.13	.51	2.10	4.87	8.91	14.36	21.37	68.73
INCHES	(20 MPH)	.00	.25	1.02	4.21	9.73	17.81	28.72	42.74	137.46

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.										
VELOCITY FPS		3100	3006	2915	2737	2567	2402	2242	2088	1535
ENERGY FT-LB		2282	2147	2018	1780	1565	1370	1194	1036	559
DROP INCHES		.00	-.45	-1.86	-7.81	-18.40	-34.27	-56.17	-84.98	-293.85
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-2.59	-9.82	-22.33	-40.87	-66.32	-261.75
INCHES	(200 YDS)	-1.50	.38	1.30	.00	-5.94	-17.15	-34.39	-58.55	-248.79
(ZERO RANGE)	(300 YDS)	-1.50	1.37	3.27	3.96	.00	-9.23	-24.50	-46.68	-229.01
	(600 YDS)	-1.50	5.26	11.05	19.52	23.34	21.88	14.40	.00	-151.21
MPBR ZERO	(245 YDS)	-1.50	.80	2.14	1.68	-3.41	-13.78	-30.18	-53.50	-240.38
WIND DRIFT	(10 MPH)	.00	.13	.53	2.19	5.08	9.30	15.02	22.39	72.25
INCHES	(20 MPH)	.00	.26	1.07	4.38	10.15	18.61	30.04	44.77	144.50

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3000	2908	2819	2645	2478	2315	2159	2009	1469
ENERGY FT-LB		2137	2009	1888	1662	1459	1274	1107	959	512
DROP INCHES		.00	-.48	-1.99	-8.35	-19.68	-36.67	-60.15	-91.09	-316.37
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-2.88	-10.72	-24.23	-44.22	-71.67	-283.00
INCHES	(200 YDS)	-1.50	.48	1.44	.00	-6.41	-18.48	-37.03	-63.05	-268.62
(ZERO RANGE)	(300 YDS)	-1.50	1.55	3.57	4.27	.00	-9.93	-26.35	-50.23	-247.27
	(600 YDS)	-1.50	5.74	11.95	21.02	25.12	23.55	15.51	.00	-163.55
MPBR ZERO	(240 YDS)	-1.50	.88	2.24	1.61	-3.99	-15.26	-33.01	-58.22	-260.58
WIND DRIFT	(10 MPH)	.00	.14	.56	2.29	5.31	9.75	15.76	23.51	76.13
INCHES	(20 MPH)	.00	.27	1.11	4.58	10.62	19.50	31.52	47.02	152.27

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		2900	2810	2723	2553	2388	2229	2076	1929	1405
ENERGY FT-LB		1997	1876	1761	1548	1355	1180	1024	884	468
DROP INCHES		.00	-.51	-2.13	-8.94	-21.10	-39.34	-64.59	-97.91	-341.65
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-3.19	-11.71	-26.33	-47.95	-77.64	-306.88
INCHES	(200 YDS)	-1.50	.60	1.59	.00	-6.93	-19.96	-39.98	-68.07	-290.93
(ZERO RANGE)	(300 YDS)	-1.50	1.75	3.90	4.62	.00	-10.72	-28.43	-54.22	-267.83
	(600 YDS)	-1.50	6.27	12.94	22.69	27.11	25.43	16.75	.00	-177.47
MPBR ZERO	(230 YDS)	-1.50	.92	2.24	1.29	-4.99	-17.37	-36.75	-64.20	-284.47
WIND DRIFT	(10 MPH)	.00	.14	.58	2.40	5.57	10.24	16.58	24.75	80.40
INCHES	(20 MPH)	.00	.29	1.16	4.80	11.14	20.49	33.16	49.50	160.80

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		2800	2712	2627	2460	2298	2142	1993	1850	1343
ENERGY FT-LB		1862	1748	1639	1438	1255	1090	943	813	428
DROP INCHES		.00	-.55	-2.28	-9.60	-22.67	-42.32	-69.55	105.54	-370.10
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-3.54	-12.82	-28.69	-52.14	-84.34	-333.77
INCHES	(200 YDS)	-1.50	.72	1.77	.00	-7.52	-21.61	-43.29	-73.72	-316.08
(ZERO RANGE)	(300 YDS)	-1.50	1.98	4.27	5.01	.00	-11.59	-30.76	-58.69	-291.03
	(600 YDS)	-1.50	6.87	14.06	24.57	29.34	27.53	18.14	.00	-193.21
MPBR ZERO	(225 YDS)	-1.50	1.02	2.35	1.16	-5.77	-19.29	-40.38	-70.23	-310.26
WIND DRIFT	(10 MPH)	.00	.15	.61	2.52	5.87	10.80	17.49	26.13	85.06
INCHES	(20 MPH)	.00	.30	1.22	5.04	11.73	21.60	34.98	52.26	170.12

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2700	2614	2531	2366	2208	2056	1910	1770	1284
ENERGY FT-LB		1731	1624	1521	1330	1158	1004	866	744	391
DROP INCHES		.00	-.59	-2.46	-10.34	-24.44	-45.67	-75.12	114.11	-402.24
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-3.93	-14.07	-31.34	-56.84	-91.87	-364.18
INCHES	(200 YDS)	-1.50	.87	1.96	.00	-8.17	-23.48	-47.02	-80.08	-344.53
(ZERO RANGE)	(300 YDS)	-1.50	2.23	4.69	5.45	.00	-12.58	-33.39	-63.74	-317.28
	(600 YDS)	-1.50	7.54	15.31	26.69	31.87	29.91	19.72	.00	-211.05
MPBR ZERO	(215 YDS)	-1.50	1.06	2.34	.75	-7.04	-21.97	-45.13	-77.82	-340.76
WIND DRIFT	(10 MPH)	.00	.16	.64	2.66	6.20	11.42	18.51	27.66	90.14
INCHES	(20 MPH)	.00	.32	1.29	5.32	12.40	22.84	37.01	55.32	180.28

MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2600	2516	2434	2273	2118	1969	1827	1690	1229
ENERGY FT-LB		1605	1504	1407	1227	1066	921	793	678	359
DROP INCHES		.00	-.64	-2.65	-11.17	-26.43	-49.43	-81.41	123.80	-438.60
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-4.37	-15.47	-34.33	-62.15	100.39	-398.59
INCHES	(200 YDS)	-1.50	1.03	2.19	.00	-8.92	-25.59	-51.22	-87.28	-376.74
(ZERO RANGE)	(300 YDS)	-1.50	2.51	5.16	5.94	.00	-13.70	-36.36	-69.44	-347.01
	(600 YDS)	-1.50	8.30	16.73	29.09	34.72	32.60	21.51	.00	-231.27
MPBR ZERO	(205 YDS)	-1.50	1.10	2.32	.27	-8.51	-25.04	-50.54	-86.46	-375.38
WIND DRIFT	(10 MPH)	.00	.17	.68	2.82	6.57	12.11	19.63	29.36	95.60
INCHES	(20 MPH)	.00	.33	1.36	5.64	13.15	24.23	39.27	58.73	191.19

MAXIMUM POINT BLANK RANGE IS 235 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		2500	2417	2336	2179	2028	1883	1744	1611	1178
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ENERGY FT-LB		1484	1388	1297	1128	977	842	723	617	330
DROP INCHES		.00	-.69	-2.87	-12.11	-28.68	-53.70	-88.53	134.79	-479.83
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-4.87	-17.07	-37.72	-68.17	110.06	-437.62
INCHES	(200 YDS)	-1.50	1.21	2.44	.00	-9.76	-27.97	-56.00	-95.45	-413.27
(ZERO RANGE)	(300 YDS)	-1.50	2.84	5.69	6.51	.00	-14.96	-39.73	-75.93	-380.74
	(600 YDS)	-1.50	9.16	18.34	31.82	37.97	35.66	23.55	.00	-254.18
MPBR ZERO	(200 YDS)	-1.50	1.21	2.44	.00	-9.76	-27.97	-56.00	-95.45	-413.27
WIND DRIFT	(10 MPH)	.00	.18	.73	3.00	7.00	12.89	20.89	31.27	101.41
INCHES	(20 MPH)	.00	.36	1.45	6.01	13.99	25.78	41.79	62.54	202.81

MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2400	2319	2240	2086	1939	1799	1662	1533	1133
ENERGY FT-LB		1368	1277	1192	1034	893	768	656	558	305
DROP INCHES		.00	-.75	-3.12	-13.17	-31.20	-58.49	-96.53	147.16	-525.99
BULLET PATH	(100 YDS)	-1.50	.06	.00	-5.43	-18.85	-41.51	-74.94	120.95	-481.31
INCHES	(200 YDS)	-1.50	1.41	2.72	.00	-10.70	-30.65	-61.36	104.66	-454.16
(ZERO RANGE)	(300 YDS)	-1.50	3.20	6.28	7.14	.00	-16.38	-43.52	-83.25	-418.49
	(600 YDS)	-1.50	10.14	20.16	34.89	41.63	39.12	25.85	.00	-279.73
MPBR ZERO	(190 YDS)	-1.50	1.25	2.39	-.64	-11.67	-31.94	-62.97	106.59	-457.38
WIND DRIFT	(10 MPH)	.00	.19	.77	3.19	7.43	13.70	22.24	33.30	107.30
INCHES	(20 MPH)	.00	.38	1.54	6.38	14.87	27.40	44.47	66.61	214.60