

.338 Dia., 300 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 5.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 450 YARDS. SET ZERO AT 380 YARDS.

VELOCITY FPS		3600	3527	3456	3317	3182	3052	2926	2803	2344
ENERGY FT-LB		8631	8287	7955	7328	6747	6206	5703	5234	3659
DROP INCHES		.00	-.33	-1.36	-5.63	-13.06	-23.92	-38.50	-57.15	-180.13
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-1.41	-5.98	-13.97	-25.70	-41.49	-153.03
INCHES	(200 YDS)	-1.50	-.05	.70	.00	-3.86	-11.16	-22.18	-37.26	-145.98
(ZERO RANGE)	(300 YDS)	-1.50	.60	1.99	2.58	.00	-6.01	-15.74	-29.53	-133.11
	(400 YDS)	-1.50	1.35	3.49	5.58	4.50	.00	-8.23	-20.53	-118.09
MPBR ZERO	(380 YDS)	-1.50	1.19	3.18	4.95	3.57	-1.25	-9.80	-22.40	-121.22
WIND DRIFT	(10 MPH)	.00	.08	.30	1.23	2.81	5.09	8.09	11.86	35.60
INCHES	(20 MPH)	.00	.15	.61	2.46	5.63	10.17	16.17	23.71	71.19

MAXIMUM POINT BLANK RANGE IS 440 YARDS. SET ZERO AT 370 YARDS.

VELOCITY FPS		3500	3429	3359	3223	3092	2964	2840	2720	2269
ENERGY FT-LB		8158	7831	7517	6922	6369	5854	5375	4929	3429
DROP INCHES		.00	-.35	-1.44	-5.96	-13.82	-25.32	-40.77	-60.52	-191.00
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-1.58	-6.50	-15.06	-27.57	-44.39	-163.11
INCHES	(200 YDS)	-1.50	.01	.79	.00	-4.13	-11.90	-23.62	-39.65	-155.22
(ZERO RANGE)	(300 YDS)	-1.50	.70	2.17	2.76	.00	-6.39	-16.73	-31.38	-141.44
	(400 YDS)	-1.50	1.50	3.76	5.95	4.79	.00	-8.75	-21.80	-125.46
MPBR ZERO	(370 YDS)	-1.50	1.25	3.27	4.96	3.30	-1.99	-11.23	-24.78	-130.43
WIND DRIFT	(10 MPH)	.00	.08	.31	1.27	2.91	5.26	8.37	12.28	36.95
INCHES	(20 MPH)	.00	.16	.63	2.54	5.82	10.52	16.74	24.55	73.90

MAXIMUM POINT BLANK RANGE IS 430 YARDS. SET ZERO AT 360 YARDS.

VELOCITY FPS		3400	3330	3262	3130	3001	2876	2755	2637	2193
ENERGY FT-LB		7699	7389	7090	6525	6000	5511	5056	4632	3203
DROP INCHES		.00	-.37	-1.53	-6.31	-14.65	-26.84	-43.24	-64.21	-202.94
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-1.76	-7.07	-16.24	-29.61	-47.56	-174.19
INCHES	(200 YDS)	-1.50	.08	.88	.00	-4.43	-12.71	-25.20	-42.26	-165.37
(ZERO RANGE)	(300 YDS)	-1.50	.82	2.36	2.95	.00	-6.81	-17.82	-33.41	-150.60
	(400 YDS)	-1.50	1.67	4.06	6.36	5.11	.00	-9.31	-23.19	-133.58
MPBR ZERO	(360 YDS)	-1.50	1.32	3.36	4.95	3.00	-2.81	-12.82	-27.40	-140.60
WIND DRIFT	(10 MPH)	.00	.08	.32	1.32	3.01	5.45	8.68	12.74	38.44
INCHES	(20 MPH)	.00	.16	.65	2.63	6.02	10.90	17.36	25.47	76.88

MAXIMUM POINT BLANK RANGE IS 415 YARDS. SET ZERO AT 350 YARDS.

VELOCITY FPS		3300	3232	3166	3036	2910	2788	2669	2553	2116
ENERGY FT-LB		7252	6959	6676	6140	5641	5177	4745	4342	2983
DROP INCHES		.00	-.39	-1.62	-6.71	-15.56	-28.52	-45.95	-68.26	-216.09
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-1.97	-7.70	-17.54	-31.85	-51.04	-186.39
INCHES	(200 YDS)	-1.50	.16	.98	.00	-4.75	-13.61	-26.93	-45.14	-176.56
(ZERO RANGE)	(300 YDS)	-1.50	.95	2.57	3.17	.00	-7.27	-19.01	-35.63	-160.72
	(400 YDS)	-1.50	1.86	4.39	6.80	5.45	.00	-9.92	-24.73	-142.54
MPBR ZERO	(350 YDS)	-1.50	1.39	3.45	4.94	2.66	-3.73	-14.58	-30.32	-151.86
WIND DRIFT	(10 MPH)	.00	.08	.34	1.36	3.13	5.66	9.02	13.24	40.09
INCHES	(20 MPH)	.00	.17	.67	2.73	6.25	11.32	18.03	26.48	80.18

MAXIMUM POINT BLANK RANGE IS 405 YARDS. SET ZERO AT 340 YARDS.

VELOCITY FPS		3200	3134	3069	2942	2819	2699	2582	2469	2039
ENERGY FT-LB		6820	6542	6274	5766	5293	4852	4442	4060	2771
DROP INCHES		.00	-.42	-1.72	-7.13	-16.56	-30.36	-48.93	-72.71	-230.62
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-2.19	-8.39	-18.97	-34.32	-54.87	-199.89
INCHES	(200 YDS)	-1.50	.24	1.09	.00	-5.11	-14.59	-28.84	-48.30	-188.95
(ZERO RANGE)	(300 YDS)	-1.50	1.09	2.80	3.41	.00	-7.78	-20.33	-38.09	-171.92
	(400 YDS)	-1.50	2.06	4.74	7.30	5.83	.00	-10.60	-26.42	-152.47
MPBR ZERO	(340 YDS)	-1.50	1.47	3.55	4.91	2.26	-4.76	-16.55	-33.56	-164.37
WIND DRIFT	(10 MPH)	.00	.09	.35	1.42	3.25	5.89	9.39	13.80	41.91
INCHES	(20 MPH)	.00	.17	.70	2.84	6.50	11.78	18.78	27.60	83.81

MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 330 YARDS.

VELOCITY FPS		3100	3035	2972	2848	2727	2610	2495	2384	1963
ENERGY FT-LB		6400	6137	5883	5402	4954	4537	4148	3786	2566
DROP INCHES		.00	-.45	-1.84	-7.61	-17.66	-32.39	-52.21	-77.62	-246.73

BULLET PATH	(100 YDS)	-1.50	-.28	.00	-2.43	-9.15	-20.54	-37.03	-59.11	-214.87
INCHES	(200 YDS)	-1.50	.33	1.22	.00	-5.50	-15.67	-30.95	-51.80	-202.70
(ZERO RANGE)	(300 YDS)	-1.50	1.25	3.05	3.67	.00	-8.34	-21.78	-40.80	-184.36
	(400 YDS)	-1.50	2.29	5.14	7.84	6.25	.00	-11.36	-28.29	-163.51
MPBR ZERO	(330 YDS)	-1.50	1.55	3.65	4.88	1.81	-5.92	-18.76	-37.18	-178.32
WIND DRIFT	(10 MPH)	.00	.09	.36	1.48	3.39	6.15	9.80	14.41	43.92
INCHES	(20 MPH)	.00	.18	.73	2.96	6.78	12.29	19.60	28.83	87.84

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.

VELOCITY FPS		3000	2937	2875	2753	2635	2520	2408	2299	1886
ENERGY FT-LB		5994	5745	5505	5050	4626	4231	3863	3520	2369
DROP INCHES		.00	-.48	-1.96	-8.13	-18.87	-34.63	-55.85	-83.06	-264.65
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-2.70	-9.99	-22.28	-40.04	-63.80	-231.54
INCHES	(200 YDS)	-1.50	.43	1.35	.00	-5.94	-16.87	-33.28	-55.68	-218.02
(ZERO RANGE)	(300 YDS)	-1.50	1.42	3.33	3.96	.00	-8.96	-23.39	-43.81	-198.24
	(400 YDS)	-1.50	2.54	5.57	8.44	6.72	.00	-12.19	-30.37	-175.84
MPBR ZERO	(320 YDS)	-1.50	1.63	3.76	4.82	1.29	-7.24	-21.24	-41.23	-193.93
WIND DRIFT	(10 MPH)	.00	.09	.38	1.54	3.54	6.43	10.26	15.09	46.14
INCHES	(20 MPH)	.00	.19	.76	3.09	7.09	12.86	20.51	30.19	92.28

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.

VELOCITY FPS		2900	2838	2777	2659	2543	2430	2321	2213	1809
ENERGY FT-LB		5601	5366	5139	4709	4309	3935	3587	3261	2181
DROP INCHES		.00	-.51	-2.10	-8.70	-20.22	-37.11	-59.88	-89.11	-284.67
BULLET PATH	(100 YDS)	-1.50	-.21	.00	-3.00	-10.92	-24.21	-43.39	-69.01	-250.17
INCHES	(200 YDS)	-1.50	.54	1.50	.00	-6.42	-18.21	-35.88	-60.00	-235.16
(ZERO RANGE)	(300 YDS)	-1.50	1.61	3.64	4.28	.00	-9.65	-25.18	-47.17	-213.77
	(400 YDS)	-1.50	2.82	6.05	9.10	7.24	.00	-13.12	-32.69	-189.64
MPBR ZERO	(310 YDS)	-1.50	1.72	3.87	4.74	.69	-8.73	-24.03	-45.78	-211.46
WIND DRIFT	(10 MPH)	.00	.10	.40	1.62	3.71	6.74	10.76	15.85	48.60
INCHES	(20 MPH)	.00	.20	.79	3.23	7.42	13.48	21.52	31.70	97.20

MAXIMUM POINT BLANK RANGE IS 360 YARDS. SET ZERO AT 300 YARDS.

VELOCITY FPS		2800	2739	2680	2564	2451	2340	2232	2126	1732
ENERGY FT-LB		5221	4999	4786	4380	4002	3649	3319	3012	2000
DROP INCHES		.00	-.55	-2.25	-9.34	-21.72	-39.87	-64.38	-95.85	-307.10
BULLET PATH	(100 YDS)	-1.50	-.17	.00	-3.34	-11.96	-26.36	-47.11	-74.84	-271.07
INCHES	(200 YDS)	-1.50	.66	1.67	.00	-6.95	-19.69	-38.77	-64.83	-254.39
(ZERO RANGE)	(300 YDS)	-1.50	1.82	3.99	4.64	.00	-10.42	-27.18	-50.92	-231.21
	(400 YDS)	-1.50	3.12	6.59	9.85	7.81	.00	-14.16	-35.29	-205.16
MPBR ZERO	(300 YDS)	-1.50	1.82	3.99	4.64	.00	-10.42	-27.18	-50.92	-231.21
WIND DRIFT	(10 MPH)	.00	.10	.42	1.70	3.90	7.08	11.32	16.70	51.32
INCHES	(20 MPH)	.00	.21	.83	3.39	7.80	14.17	22.64	33.39	102.65

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.

VELOCITY FPS		2700	2641	2583	2469	2358	2250	2143	2040	1656
ENERGY FT-LB		4855	4646	4444	4062	3705	3372	3061	2772	1828
DROP INCHES		.00	-.59	-2.42	-10.06	-23.39	-42.96	-69.41	103.41	-332.34
BULLET PATH	(100 YDS)	-1.50	-.13	.00	-3.71	-13.11	-28.77	-51.29	-81.37	-294.61
INCHES	(200 YDS)	-1.50	.80	1.85	.00	-7.55	-21.35	-42.02	-70.25	-276.07
(ZERO RANGE)	(300 YDS)	-1.50	2.06	4.37	5.04	.00	-11.28	-29.43	-55.14	-250.89
	(400 YDS)	-1.50	3.47	7.19	10.68	8.46	.00	-15.33	-38.22	-222.69
MPBR ZERO	(290 YDS)	-1.50	1.92	4.10	4.50	-.80	-12.35	-30.77	-56.75	-253.57
WIND DRIFT	(10 MPH)	.00	.11	.44	1.79	4.11	7.47	11.95	17.64	54.35
INCHES	(20 MPH)	.00	.22	.87	3.57	8.21	14.94	23.91	35.29	108.69

MAXIMUM POINT BLANK RANGE IS 335 YARDS. SET ZERO AT 280 YARDS.

VELOCITY FPS		2600	2542	2485	2374	2265	2159	2055	1954	1581
ENERGY FT-LB		4502	4305	4115	3755	3419	3104	2813	2543	1666
DROP INCHES		.00	-.64	-2.61	-10.85	-25.26	-46.43	-75.06	111.93	-360.86
BULLET PATH	(100 YDS)	-1.50	-.08	.00	-4.12	-14.41	-31.47	-55.99	-88.74	-321.22
INCHES	(200 YDS)	-1.50	.95	2.06	.00	-8.23	-23.22	-45.68	-76.37	-300.59
(ZERO RANGE)	(300 YDS)	-1.50	2.32	4.80	5.48	.00	-12.26	-31.97	-59.91	-273.17
	(400 YDS)	-1.50	3.86	7.87	11.61	9.19	.00	-16.65	-41.53	-242.53
MPBR ZERO	(280 YDS)	-1.50	2.03	4.23	4.33	-1.73	-14.57	-34.86	-63.38	-278.95
WIND DRIFT	(10 MPH)	.00	.11	.46	1.89	4.34	7.91	12.66	18.70	57.69
INCHES	(20 MPH)	.00	.23	.92	3.77	8.68	15.81	25.33	37.41	115.37

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		2500	2443	2388	2279	2172	2067	1966	1868	1508
ENERGY FT-LB		4162	3977	3798	3460	3142	2848	2576	2325	1515
DROP INCHES		.00	-.69	-2.83	-11.75	-27.37	-50.35	-81.46	121.56	-393.21
BULLET PATH	(100 YDS)	-1.50	-.02	.00	-4.59	-15.88	-34.53	-61.31	-97.08	-351.41
INCHES	(200 YDS)	-1.50	1.13	2.30	.00	-8.99	-25.34	-49.83	-83.30	-328.44
(ZERO RANGE)	(300 YDS)	-1.50	2.62	5.29	5.99	.00	-13.36	-34.85	-65.32	-298.48
	(400 YDS)	-1.50	4.29	8.63	12.67	10.02	.00	-18.15	-45.28	-265.08
MPBR ZERO	(270 YDS)	-1.50	2.15	4.35	4.11	-2.82	-17.12	-39.55	-70.97	-307.88
WIND DRIFT	(10 MPH)	.00	.12	.49	2.00	4.61	8.40	13.46	19.89	61.36
INCHES	(20 MPH)	.00	.24	.98	4.00	9.22	16.80	26.93	39.78	122.72

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		2400	2345	2290	2183	2078	1977	1878	1783	1437
ENERGY FT-LB		3836	3662	3495	3175	2878	2603	2350	2118	1376
DROP INCHES		.00	-.75	-3.07	-12.77	-29.76	-54.79	-88.71	132.49	-430.00
BULLET PATH	(100 YDS)	-1.50	.04	.00	-5.12	-17.54	-38.00	-67.35	106.55	-385.78
INCHES	(200 YDS)	-1.50	1.32	2.56	.00	-9.85	-27.75	-54.54	-91.18	-360.16
(ZERO RANGE)	(300 YDS)	-1.50	2.96	5.85	6.57	.00	-14.61	-38.12	-71.47	-327.31
	(400 YDS)	-1.50	4.79	9.50	13.88	10.96	.00	-19.85	-49.55	-290.78
MPBR ZERO	(255 YDS)	-1.50	2.20	4.32	3.51	-4.59	-20.74	-45.77	-80.66	-342.62
WIND DRIFT	(10 MPH)	.00	.13	.52	2.13	4.91	8.96	14.35	21.20	65.36
INCHES	(20 MPH)	.00	.26	1.04	4.25	9.82	17.91	28.70	42.40	130.73

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2300	2245	2192	2087	1985	1886	1791	1698	1368
ENERGY FT-LB		3523	3359	3201	2902	2626	2371	2137	1920	1248
DROP INCHES		.00	-.81	-3.35	-13.93	-32.49	-59.86	-97.00	144.97	-472.02
BULLET PATH	(100 YDS)	-1.50	.11	.00	-5.73	-19.44	-41.97	-74.26	117.38	-425.04
INCHES	(200 YDS)	-1.50	1.54	2.87	.00	-10.84	-30.50	-59.93	100.19	-396.38
(ZERO RANGE)	(300 YDS)	-1.50	3.35	6.48	7.23	.00	-16.05	-41.85	-78.50	-360.24
	(400 YDS)	-1.50	5.36	10.49	15.25	12.03	.00	-21.80	-54.43	-320.13
MPBR ZERO	(245 YDS)	-1.50	2.33	4.44	3.14	-6.14	-24.23	-52.08	-90.77	-380.69
WIND DRIFT	(10 MPH)	.00	.14	.56	2.28	5.26	9.58	15.35	22.67	69.70
INCHES	(20 MPH)	.00	.28	1.11	4.56	10.52	19.17	30.69	45.34	139.41

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		2200	2147	2094	1992	1893	1798	1704	1615	1304
ENERGY FT-LB		3223	3070	2923	2645	2388	2153	1935	1737	1133
DROP INCHES		.00	-.89	-3.66	-15.24	-35.58	-65.60	106.39	159.13	-519.56
BULLET PATH	(100 YDS)	-1.50	.19	.00	-6.42	-21.59	-46.46	-82.08	129.66	-469.44
INCHES	(200 YDS)	-1.50	1.80	3.21	.00	-11.96	-33.62	-66.03	110.40	-437.34
(ZERO RANGE)	(300 YDS)	-1.50	3.79	7.20	7.98	.00	-17.67	-46.09	-86.47	-397.46
	(400 YDS)	-1.50	6.00	11.61	16.81	13.25	.00	-24.00	-59.97	-353.30
MPBR ZERO	(235 YDS)	-1.50	2.47	4.55	2.68	-7.95	-28.26	-59.33	102.37	-423.95
WIND DRIFT	(10 MPH)	.00	.15	.59	2.44	5.61	10.23	16.39	24.21	74.18
INCHES	(20 MPH)	.00	.29	1.19	4.87	11.23	20.46	32.78	48.43	148.36

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		2100	2048	1997	1898	1802	1709	1619	1534	1243
ENERGY FT-LB		2937	2794	2658	2400	2164	1945	1746	1567	1030
DROP INCHES		.00	-.98	-4.02	-16.75	-39.13	-72.20	117.18	175.41	-573.94
BULLET PATH	(100 YDS)	-1.50	.28	.00	-7.21	-24.06	-51.62	-91.07	143.78	-520.22
INCHES	(200 YDS)	-1.50	2.09	3.60	.00	-13.25	-37.20	-73.04	122.15	-484.18
(ZERO RANGE)	(300 YDS)	-1.50	4.30	8.02	8.83	.00	-19.53	-50.96	-95.65	-440.01
	(400 YDS)	-1.50	6.74	12.90	18.60	14.65	.00	-26.55	-66.36	-391.19
MPBR ZERO	(225 YDS)	-1.50	2.61	4.66	2.11	-10.09	-32.98	-67.78	115.83	-473.65
WIND DRIFT	(10 MPH)	.00	.16	.64	2.60	6.00	10.94	17.54	25.91	78.85
INCHES	(20 MPH)	.00	.31	1.27	5.21	12.01	21.89	35.08	51.81	157.70

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2000	1949	1900	1804	1711	1621	1535	1454	1187
ENERGY FT-LB		2664	2532	2406	2169	1950	1750	1570	1409	939
DROP INCHES		.00	-1.08	-4.44	-18.49	-43.23	-79.83	129.66	194.25	-636.30
BULLET PATH	(100 YDS)	-1.50	.39	.00	-8.12	-26.92	-57.59	101.48	160.13	-578.43
INCHES	(200 YDS)	-1.50	2.42	4.06	.00	-14.74	-41.34	-81.18	135.77	-537.82

(ZERO RANGE)	(300 YDS)	-1.50	4.88	8.97	9.82	.00	-21.70	-56.62	106.30	-488.71
	(400 YDS)	-1.50	7.59	14.40	20.67	16.27	.00	-29.50	-73.75	-434.47
MPBR ZERO	(215 YDS)	-1.50	2.77	4.76	1.40	-12.64	-38.55	-77.68	131.58	-530.84
WIND DRIFT	(10 MPH)	.00	.17	.68	2.79	6.44	11.74	18.81	27.74	83.61
INCHES	(20 MPH)	.00	.34	1.36	5.58	12.87	23.48	37.61	55.48	167.22

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

VELOCITY FPS		1900	1851	1804	1710	1620	1535	1454	1378	1137
ENERGY FT-LB		2404	2283	2167	1948	1749	1569	1408	1265	861
DROP INCHES		.00	-1.19	-4.92	-20.52	-48.01	-88.73	144.23	216.18	-707.78
BULLET PATH	(100 YDS)	-1.50	.52	.00	-9.18	-30.25	-64.55	113.63	179.16	-645.09
INCHES	(200 YDS)	-1.50	2.81	4.59	.00	-16.47	-46.19	-90.67	151.61	-599.17
(ZERO RANGE)	(300 YDS)	-1.50	5.56	10.08	10.98	.00	-24.22	-63.21	118.66	-544.26
	(400 YDS)	-1.50	8.59	16.14	23.09	18.16	.00	-32.94	-82.33	-483.71
MPBR ZERO	(205 YDS)	-1.50	2.94	4.85	.52	-15.70	-45.15	-89.38	150.06	-596.58
WIND DRIFT	(10 MPH)	.00	.18	.73	3.00	6.93	12.62	20.18	29.70	88.26
INCHES	(20 MPH)	.00	.36	1.46	6.00	13.86	25.24	40.36	59.39	176.53