

# .308 Dia., 175 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 410 YARDS. SET ZERO AT 345 YARDS.										
VELOCITY FPS		3400	3295	3193	2996	2807	2624	2448	2278	1659
ENERGY FT-LB		4491	4219	3961	3488	3063	2675	2328	2016	1069
DROP INCHES		.00	-.37	-1.55	-6.51	-15.34	-28.58	-46.87	-70.97	-246.28
BULLET PATH	(200 YDS)	-1.50	.13	.95	.00	-4.83	-14.07	-28.36	-48.46	-207.76
INCHES	(300 YDS)	-1.50	.93	2.56	3.22	.00	-7.63	-20.31	-38.80	-191.66
(ZERO RANGE)	(600 YDS)	-1.50	4.17	9.03	16.15	19.40	18.23	12.02	.00	-127.00
	(1000 YDS)	-1.50	10.52	21.73	41.55	57.50	69.03	75.52	76.20	.00
MPBR ZERO	(345 YDS)	-1.50	1.35	3.39	4.87	2.48	-4.32	-16.18	-33.84	-183.39
WIND DRIFT	(10 MPH)	.00	.12	.50	2.04	4.71	8.63	13.94	20.76	67.14
INCHES	(20 MPH)	.00	.25	.99	4.08	9.42	17.27	27.87	41.53	134.27

MAXIMUM POINT BLANK RANGE IS 400 YARDS. SET ZERO AT 340 YARDS.										
VELOCITY FPS		3300	3197	3098	2905	2719	2539	2366	2199	1590
ENERGY FT-LB		4230	3972	3729	3279	2873	2505	2175	1879	982
DROP INCHES		.00	-.40	-1.64	-6.91	-16.30	-30.38	-49.87	-75.57	-263.31
BULLET PATH	(200 YDS)	-1.50	.21	1.06	.00	-5.18	-15.07	-30.35	-51.84	-222.76
INCHES	(300 YDS)	-1.50	1.07	2.79	3.45	.00	-8.16	-21.71	-41.48	-205.49
(ZERO RANGE)	(600 YDS)	-1.50	4.53	9.70	17.28	20.74	19.49	12.85	.00	-136.36
	(1000 YDS)	-1.50	11.34	23.34	44.55	61.65	74.04	81.03	81.82	.00
MPBR ZERO	(340 YDS)	-1.50	1.46	3.57	5.02	2.35	-5.03	-17.79	-36.78	-197.66
WIND DRIFT	(10 MPH)	.00	.13	.51	2.11	4.90	8.99	14.53	21.68	70.43
INCHES	(20 MPH)	.00	.25	1.03	4.23	9.79	17.98	29.06	43.35	140.86

MAXIMUM POINT BLANK RANGE IS 390 YARDS. SET ZERO AT 330 YARDS.										
VELOCITY FPS		3200	3100	3002	2814	2630	2453	2283	2120	1522
ENERGY FT-LB		3978	3734	3502	3076	2688	2339	2026	1747	900
DROP INCHES		.00	-.42	-1.75	-7.35	-17.35	-32.38	-53.18	-80.65	-282.29
BULLET PATH	(200 YDS)	-1.50	.29	1.18	.00	-5.57	-16.17	-32.55	-55.59	-239.53
INCHES	(300 YDS)	-1.50	1.22	3.04	3.71	.00	-8.74	-23.26	-44.45	-220.96
(ZERO RANGE)	(600 YDS)	-1.50	4.92	10.44	18.53	22.22	20.89	13.78	.00	-146.87
	(1000 YDS)	-1.50	12.27	25.13	47.91	66.29	79.64	87.22	88.12	.00
MPBR ZERO	(330 YDS)	-1.50	1.53	3.66	4.96	1.88	-6.24	-20.13	-40.70	-214.70
WIND DRIFT	(10 MPH)	.00	.13	.53	2.20	5.11	9.39	15.19	22.69	74.08
INCHES	(20 MPH)	.00	.26	1.07	4.40	10.21	18.78	30.39	45.37	148.15

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3100	3002	2907	2721	2541	2367	2201	2041	1456
ENERGY FT-LB		3733	3502	3283	2877	2508	2178	1882	1619	823
DROP INCHES		.00	-.45	-1.86	-7.84	-18.52	-34.58	-56.85	-86.30	-303.57
BULLET PATH	(200 YDS)	-1.50	.39	1.31	.00	-6.00	-17.40	-34.99	-59.77	-258.37
INCHES	(300 YDS)	-1.50	1.39	3.31	4.00	.00	-9.39	-24.99	-47.76	-238.35
(ZERO RANGE)	(600 YDS)	-1.50	5.37	11.27	19.92	23.88	22.45	14.82	.00	-158.75
	(1000 YDS)	-1.50	13.30	27.14	51.67	71.50	85.95	94.19	95.25	.00
MPBR ZERO	(320 YDS)	-1.50	1.61	3.75	4.89	1.33	-7.61	-22.76	-45.09	-233.90
WIND DRIFT	(10 MPH)	.00	.14	.56	2.30	5.34	9.84	15.93	23.81	78.13
INCHES	(20 MPH)	.00	.27	1.11	4.59	10.68	19.67	31.86	47.61	156.26

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3000	2904	2811	2627	2451	2281	2118	1962	1391
ENERGY FT-LB		3496	3278	3071	2682	2334	2022	1743	1496	752
DROP INCHES		.00	-.48	-1.99	-8.38	-19.81	-37.03	-60.93	-92.59	-327.52
BULLET PATH	(200 YDS)	-1.50	.49	1.45	.00	-6.49	-18.76	-37.73	-64.44	-279.61
INCHES	(300 YDS)	-1.50	1.57	3.61	4.33	.00	-10.11	-26.91	-51.46	-257.98
(ZERO RANGE)	(600 YDS)	-1.50	5.86	12.19	21.48	25.73	24.20	15.97	.00	-172.21
	(1000 YDS)	-1.50	14.47	29.41	55.92	77.39	93.08	102.08	103.32	.00
MPBR ZERO	(310 YDS)	-1.50	1.69	3.85	4.80	.71	-9.16	-25.72	-50.04	-255.60
WIND DRIFT	(10 MPH)	.00	.14	.58	2.41	5.61	10.34	16.76	25.05	82.62
INCHES	(20 MPH)	.00	.29	1.16	4.81	11.22	20.68	33.51	50.11	165.24

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		2900	2806	2714	2534	2361	2195	2035	1883	1329
ENERGY FT-LB		3267	3060	2862	2495	2166	1872	1609	1377	686
DROP INCHES		.00	-.51	-2.13	-8.98	-21.25	-39.76	-65.49	-99.62	-354.50

BULLET PATH	(200 YDS)	-1.50	.61	1.61	.00	-7.03	-20.29	-40.78	-69.67	-303.58
INCHES	(300 YDS)	-1.50	1.78	3.95	4.68	.00	-10.92	-29.07	-55.61	-280.16
(ZERO RANGE)	(600 YDS)	-1.50	6.41	13.22	23.22	27.81	26.15	17.27	.00	-187.47
	(1000 YDS)	-1.50	15.79	31.97	60.72	84.05	101.14	111.01	112.48	.00
MPBR ZERO	(300 YDS)	-1.50	1.78	3.95	4.68	.00	-10.92	-29.07	-55.61	-280.16
WIND DRIFT	(10 MPH)	.00	.15	.61	2.54	5.91	10.90	17.67	26.44	87.54
INCHES	(20 MPH)	.00	.30	1.22	5.07	11.83	21.80	35.34	52.87	175.08

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

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

VELOCITY FPS		2800	2707	2616	2440	2271	2108	1952	1804	1271
ENERGY FT-LB		3045	2847	2659	2313	2003	1727	1481	1264	627
DROP INCHES		.00	-.55	-2.29	-9.66	-22.87	-42.83	-70.61	107.52	-385.01
BULLET PATH	(200 YDS)	-1.50	.74	1.79	.00	-7.63	-22.01	-44.21	-75.54	-330.72
INCHES	(300 YDS)	-1.50	2.01	4.33	5.09	.00	-11.83	-31.49	-60.28	-305.28
(ZERO RANGE)	(600 YDS)	-1.50	7.03	14.38	25.18	30.14	28.35	18.74	.00	-204.81
	(1000 YDS)	-1.50	17.27	34.86	66.14	91.58	110.28	121.15	122.89	.00
MPBR ZERO	(290 YDS)	-1.50	1.87	4.06	4.54	-.82	-12.93	-32.87	-61.93	-308.02
WIND DRIFT	(10 MPH)	.00	.16	.65	2.69	6.26	11.53	18.70	27.97	92.91
INCHES	(20 MPH)	.00	.32	1.30	5.38	12.52	23.06	37.39	55.95	185.83

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

VELOCITY FPS		2700	2609	2520	2348	2182	2023	1871	1721	1217
ENERGY FT-LB		2832	2645	2468	2142	1850	1590	1360	1151	575
DROP INCHES		.00	-.59	-2.46	-10.40	-24.65	-46.20	-76.26	116.25	-418.97
BULLET PATH	(200 YDS)	-1.50	.88	1.99	.00	-8.30	-23.90	-48.00	-82.05	-360.96
INCHES	(300 YDS)	-1.50	2.26	4.75	5.53	.00	-12.84	-34.17	-65.45	-333.30
(ZERO RANGE)	(600 YDS)	-1.50	7.72	15.66	27.35	32.73	30.80	20.37	.00	-224.22
	(1000 YDS)	-1.50	18.93	38.08	72.19	99.99	120.48	132.48	134.53	.00
MPBR ZERO	(280 YDS)	-1.50	1.97	4.16	4.35	-1.77	-15.20	-37.13	-69.00	-339.22
WIND DRIFT	(10 MPH)	.00	.17	.68	2.83	6.60	12.17	19.75	29.59	98.51
INCHES	(20 MPH)	.00	.34	1.37	5.66	13.20	24.34	39.50	59.18	197.02

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

VELOCITY FPS		2600	2511	2424	2255	2093	1938	1790	1639	1167
ENERGY FT-LB		2626	2450	2283	1976	1703	1460	1245	1043	529
DROP INCHES		.00	-.64	-2.66	-11.24	-26.65	-50.00	-82.61	126.12	-457.40
BULLET PATH	(200 YDS)	-1.50	1.04	2.21	.00	-9.05	-26.03	-52.28	-89.41	-395.22
INCHES	(300 YDS)	-1.50	2.55	5.22	6.03	.00	-13.97	-37.20	-71.32	-365.06
(ZERO RANGE)	(600 YDS)	-1.50	8.49	17.11	29.80	35.66	33.58	22.24	.00	-246.20
	(1000 YDS)	-1.50	20.80	41.73	79.04	109.52	132.06	145.33	147.72	.00
MPBR ZERO	(270 YDS)	-1.50	2.07	4.27	4.11	-2.88	-17.80	-41.99	-77.07	-374.65
WIND DRIFT	(10 MPH)	.00	.18	.72	2.99	6.98	12.88	20.92	31.44	104.47
INCHES	(20 MPH)	.00	.36	1.45	5.99	13.96	25.77	41.83	62.87	208.94

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		2500	2413	2328	2163	2005	1854	1703	1558	1123
ENERGY FT-LB		2428	2262	2106	1818	1562	1335	1127	943	490
DROP INCHES		.00	-.69	-2.88	-12.17	-28.90	-54.29	-89.81	137.34	-500.93
BULLET PATH	(200 YDS)	-1.50	1.22	2.46	.00	-9.89	-28.44	-57.13	-97.81	-434.06
INCHES	(300 YDS)	-1.50	2.87	5.76	6.60	.00	-15.25	-40.64	-78.03	-401.09
(ZERO RANGE)	(600 YDS)	-1.50	9.38	18.76	32.60	39.01	36.77	24.39	.00	-271.04
	(1000 YDS)	-1.50	22.93	45.87	86.81	120.33	145.18	159.91	162.62	.00
MPBR ZERO	(260 YDS)	-1.50	2.18	4.37	3.82	-4.16	-20.79	-47.57	-86.34	-414.94
WIND DRIFT	(10 MPH)	.00	.19	.77	3.17	7.40	13.67	22.24	33.53	110.73
INCHES	(20 MPH)	.00	.38	1.53	6.34	14.81	27.34	44.48	67.07	221.47

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2400	2315	2232	2071	1917	1768	1618	1480	1084
ENERGY FT-LB		2237	2082	1935	1666	1427	1214	1017	851	456
DROP INCHES		.00	-.75	-3.13	-13.23	-31.45	-59.14	-97.99	150.14	-550.06
BULLET PATH	(200 YDS)	-1.50	1.43	2.74	.00	-10.85	-31.18	-62.66	107.44	-477.89
INCHES	(300 YDS)	-1.50	3.24	6.36	7.24	.00	-16.71	-44.57	-85.74	-441.72
(ZERO RANGE)	(600 YDS)	-1.50	10.38	20.65	35.81	42.87	40.45	26.87	.00	-298.82
	(1000 YDS)	-1.50	25.33	50.53	95.58	132.51	159.98	176.29	179.29	.00
MPBR ZERO	(250 YDS)	-1.50	2.30	4.47	3.47	-5.65	-24.24	-53.99	-97.04	-460.56
WIND DRIFT	(10 MPH)	.00	.20	.81	3.37	7.87	14.53	23.76	35.88	117.14
INCHES	(20 MPH)	.00	.40	1.62	6.74	15.74	29.07	47.51	71.76	234.28

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

VELOCITY FPS		2300	2217	2136	1979	1829	1678	1535	1405	1049
ENERGY FT-LB		2055	1910	1772	1521	1300	1094	915	767	428
DROP INCHES		.00	-.82	-3.41	-14.44	-34.35	-64.69	107.38	164.88	-605.46
BULLET PATH	(200 YDS)	-1.50	1.66	3.06	.00	-11.95	-34.31	-69.04	118.56	-527.27
INCHES	(300 YDS)	-1.50	3.66	7.04	7.96	.00	-18.38	-49.13	-94.67	-487.45
(ZERO RANGE)	(600 YDS)	-1.50	11.54	22.82	39.52	47.34	44.73	29.76	.00	-329.66
	(1000 YDS)	-1.50	28.03	55.79	105.45	146.23	176.60	194.59	197.80	.00
MPBR ZERO	(240 YDS)	-1.50	2.42	4.58	3.03	-7.40	-28.25	-61.47	109.48	-512.13
WIND DRIFT	(10 MPH)	.00	.21	.86	3.59	8.38	15.54	25.49	38.50	123.57
INCHES	(20 MPH)	.00	.42	1.73	7.18	16.76	31.09	50.98	77.00	247.13