

# .308 Dia., 168 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	3285	3174	2960	2756	2561	2368	2183	1506
ENERGY FT-LB		4311	4026	3758	3269	2834	2446	2091	1779	846
DROP INCHES		.00	-.37	-1.55	-6.56	-15.53	-29.08	-47.94	-73.00	-262.03
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-1.95	-7.87	-18.37	-34.17	-56.18	-232.99
INCHES	(200 YDS)	-1.50	.14	.98	.00	-4.94	-14.47	-29.29	-50.33	-223.23
(ZERO RANGE)	(300 YDS)	-1.50	.96	2.62	3.30	.00	-7.87	-21.05	-40.44	-206.75
	( 600 YDS)	-1.50	4.33	9.36	16.78	20.22	19.09	12.65	.00	-139.35
MPBR ZERO	(345 YDS)	-1.50	1.39	3.47	5.00	2.55	-4.47	-16.80	-35.34	-198.24
WIND DRIFT	(10 MPH)	.00	.13	.54	2.24	5.19	9.53	15.44	23.13	77.51
INCHES	(20 MPH)	.00	.27	1.09	4.48	10.38	19.06	30.88	46.26	155.02

MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 335 YARDS.

VELOCITY FPS		3300	3188	3079	2870	2670	2475	2286	2105	1442
ENERGY FT-LB		4061	3791	3537	3073	2660	2286	1950	1654	775
DROP INCHES		.00	-.40	-1.65	-6.97	-16.51	-30.92	-51.02	-77.77	-280.86
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-2.17	-8.56	-19.82	-36.77	-60.37	-250.87
INCHES	(200 YDS)	-1.50	.22	1.08	.00	-5.31	-15.49	-31.35	-53.87	-240.03
(ZERO RANGE)	(300 YDS)	-1.50	1.10	2.85	3.54	.00	-8.42	-22.51	-43.26	-222.35
	( 600 YDS)	-1.50	4.71	10.06	17.96	21.63	20.43	13.54	.00	-150.24
MPBR ZERO	(335 YDS)	-1.50	1.45	3.55	4.94	2.11	-5.61	-19.00	-39.05	-215.32
WIND DRIFT	(10 MPH)	.00	.14	.56	2.32	5.39	9.92	16.12	24.18	81.57
INCHES	(20 MPH)	.00	.28	1.13	4.65	10.79	19.85	32.23	48.35	163.14

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.

VELOCITY FPS		3200	3091	2984	2779	2583	2390	2204	2023	1379
ENERGY FT-LB		3819	3563	3322	2882	2489	2130	1813	1527	709
DROP INCHES		.00	-.42	-1.76	-7.41	-17.58	-32.95	-54.42	-83.06	-301.98
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-2.40	-9.31	-21.43	-39.65	-65.03	-270.93
INCHES	(200 YDS)	-1.50	.31	1.20	.00	-5.70	-16.62	-33.64	-57.82	-258.91
(ZERO RANGE)	(300 YDS)	-1.50	1.26	3.10	3.80	.00	-9.02	-24.13	-46.41	-239.90
	( 600 YDS)	-1.50	5.12	10.84	19.27	23.20	21.92	14.54	.00	-162.55
MPBR ZERO	(325 YDS)	-1.50	1.52	3.64	4.87	1.60	-6.88	-21.46	-43.21	-234.56
WIND DRIFT	(10 MPH)	.00	.14	.59	2.42	5.62	10.37	16.87	25.35	86.06
INCHES	(20 MPH)	.00	.29	1.17	4.83	11.24	20.73	33.74	50.70	172.12

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.

VELOCITY FPS		3100	2993	2889	2689	2493	2304	2122	1941	1319
ENERGY FT-LB		3584	3342	3114	2697	2319	1980	1680	1406	649
DROP INCHES		.00	-.45	-1.87	-7.91	-18.76	-35.20	-58.20	-88.95	-325.70
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-2.67	-10.14	-23.22	-42.85	-70.22	-293.49
INCHES	(200 YDS)	-1.50	.40	1.33	.00	-6.14	-17.88	-36.18	-62.22	-280.16
(ZERO RANGE)	(300 YDS)	-1.50	1.43	3.38	4.10	.00	-9.69	-25.94	-49.93	-259.68
	( 600 YDS)	-1.50	5.59	11.70	20.74	24.97	23.60	15.67	.00	-176.46
MPBR ZERO	(315 YDS)	-1.50	1.60	3.72	4.78	1.02	-8.33	-24.23	-47.89	-256.26
WIND DRIFT	(10 MPH)	.00	.15	.61	2.52	5.87	10.87	17.71	26.68	90.98
INCHES	(20 MPH)	.00	.30	1.22	5.04	11.74	21.73	35.42	53.36	181.97

MAXIMUM POINT BLANK RANGE IS 360 YARDS. SET ZERO AT 305 YARDS.

VELOCITY FPS		3000	2895	2794	2598	2403	2217	2037	1859	1262
ENERGY FT-LB		3356	3127	2912	2517	2155	1834	1547	1289	594
DROP INCHES		.00	-.48	-2.00	-8.45	-20.07	-37.70	-62.42	-95.54	-352.49
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-2.96	-11.07	-25.21	-46.43	-76.05	-319.00
INCHES	(200 YDS)	-1.50	.51	1.48	.00	-6.64	-19.30	-39.04	-67.18	-304.23
(ZERO RANGE)	(300 YDS)	-1.50	1.61	3.69	4.42	.00	-10.45	-27.98	-53.91	-282.10
	( 600 YDS)	-1.50	6.11	12.67	22.39	26.95	25.49	16.95	.00	-192.25
MPBR ZERO	(305 YDS)	-1.50	1.67	3.81	4.67	.37	-9.96	-27.37	-53.18	-280.89
WIND DRIFT	(10 MPH)	.00	.16	.64	2.63	6.16	11.43	18.66	28.19	96.40
INCHES	(20 MPH)	.00	.31	1.27	5.27	12.33	22.86	37.32	56.38	192.80

MAXIMUM POINT BLANK RANGE IS 350 YARDS. SET ZERO AT 295 YARDS.

VELOCITY FPS		2900	2798	2698	2503	2313	2131	1950	1777	1209
ENERGY FT-LB		3136	2920	2716	2338	1996	1694	1419	1179	545
DROP INCHES		.00	-.52	-2.14	-9.06	-21.52	-40.50	-67.15	-102.96	-382.73

BULLET PATH	(100 YDS)	-1.50	-.20	.00	-3.28	-12.10	-27.44	-50.45	-82.61	-347.83
INCHES	(200 YDS)	-1.50	.62	1.64	.00	-7.19	-20.89	-42.26	-72.79	-331.45
(ZERO RANGE)	(300 YDS)	-1.50	1.82	4.03	4.79	.00	-11.30	-30.27	-58.41	-380.48
	( 600 YDS)	-1.50	6.69	13.77	24.26	29.20	27.64	18.40	.00	-210.14
MPBR ZERO	(295 YDS)	-1.50	1.76	3.90	4.53	-.39	-11.82	-30.93	-59.19	-308.79
WIND DRIFT	(10 MPH)	.00	.16	.67	2.77	6.50	12.07	19.75	29.90	102.26
INCHES	(20 MPH)	.00	.33	1.33	5.53	13.00	24.14	39.50	59.80	204.51

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 285 YARDS.

VELOCITY FPS		2800	2700	2603	2409	2222	2042	1864	1697	1160
ENERGY FT-LB		2924	2720	2527	2164	1843	1555	1296	1074	502
DROP INCHES		.00	-.55	-2.30	-9.73	-23.16	-43.64	-72.48	111.35	-417.04
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-3.64	-13.27	-29.96	-55.00	-90.07	-380.57
INCHES	(200 YDS)	-1.50	.75	1.82	.00	-7.82	-22.68	-45.91	-79.16	-362.38
(ZERO RANGE)	(300 YDS)	-1.50	2.06	4.42	5.21	.00	-12.26	-32.88	-63.52	-336.33
	( 600 YDS)	-1.50	7.35	15.01	26.39	31.76	30.09	20.06	.00	-230.45
MPBR ZERO	(285 YDS)	-1.50	1.85	4.00	4.37	-1.27	-13.95	-34.99	-66.06	-340.55
WIND DRIFT	(10 MPH)	.00	.17	.70	2.93	6.89	12.80	21.00	31.84	108.58
INCHES	(20 MPH)	.00	.34	1.40	5.85	13.77	25.60	42.01	63.68	217.17

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 275 YARDS.

VELOCITY FPS		2700	2602	2504	2314	2132	1951	1778	1617	1117
ENERGY FT-LB		2718	2526	2339	1997	1695	1420	1180	975	465
DROP INCHES		.00	-.60	-2.47	-10.49	-25.01	-47.20	-78.54	120.89	-455.84
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-4.05	-14.59	-32.81	-60.18	-98.56	-417.62
INCHES	(200 YDS)	-1.50	.90	2.02	.00	-8.52	-24.72	-50.06	-86.41	-397.38
(ZERO RANGE)	(300 YDS)	-1.50	2.32	4.86	5.68	.00	-13.35	-35.85	-69.37	-368.97
	( 600 YDS)	-1.50	8.10	16.43	28.80	34.68	32.89	21.95	.00	-253.36
MPBR ZERO	(275 YDS)	-1.50	1.94	4.11	4.16	-2.28	-16.39	-39.65	-73.92	-376.57
WIND DRIFT	(10 MPH)	.00	.18	.74	3.12	7.33	13.65	22.44	34.02	115.27
INCHES	(20 MPH)	.00	.36	1.49	6.23	14.66	27.30	44.88	68.04	230.55

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		2600	2501	2405	2219	2038	1861	1694	1536	1078
ENERGY FT-LB		2521	2334	2158	1837	1550	1291	1070	880	434
DROP INCHES		.00	-.64	-2.67	-11.36	-27.12	-51.26	-85.46	131.81	-499.86
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-4.51	-16.10	-36.07	-66.10	108.27	-459.63
INCHES	(200 YDS)	-1.50	1.07	2.26	.00	-9.33	-27.04	-54.81	-94.73	-437.06
(ZERO RANGE)	(300 YDS)	-1.50	2.63	5.37	6.22	.00	-14.61	-39.27	-76.08	-405.97
	( 600 YDS)	-1.50	8.97	18.05	31.58	38.04	36.11	24.13	.00	-279.17
MPBR ZERO	(265 YDS)	-1.50	2.05	4.21	3.91	-3.46	-19.22	-45.04	-83.00	-417.50
WIND DRIFT	(10 MPH)	.00	.20	.80	3.35	7.85	14.65	24.08	36.49	122.30
INCHES	(20 MPH)	.00	.39	1.61	6.69	15.70	29.30	48.16	72.99	244.60

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

VELOCITY FPS		2500	2403	2309	2128	1947	1774	1613	1460	1045
ENERGY FT-LB		2331	2155	1990	1689	1414	1174	971	795	407
DROP INCHES		.00	-.70	-2.89	-12.31	-29.43	-55.74	-93.12	143.89	-547.74
BULLET PATH	(100 YDS)	-1.50	.00	.00	-5.03	-17.75	-39.67	-72.65	119.03	-505.31
INCHES	(200 YDS)	-1.50	1.26	2.51	.00	-10.21	-29.62	-60.09	103.96	-480.18
(ZERO RANGE)	(300 YDS)	-1.50	2.96	5.92	6.81	.00	-16.00	-43.06	-83.53	-446.14
	( 600 YDS)	-1.50	9.92	19.84	34.65	41.77	39.69	26.55	.00	-306.92
MPBR ZERO	(255 YDS)	-1.50	2.16	4.31	3.59	-4.83	-22.44	-51.11	-93.19	-462.23
WIND DRIFT	(10 MPH)	.00	.21	.85	3.55	8.36	15.65	25.74	39.02	128.96
INCHES	(20 MPH)	.00	.42	1.71	7.10	16.72	31.29	51.47	78.05	257.92

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2400	2306	2214	2033	1856	1689	1532	1386	1016
ENERGY FT-LB		2148	1983	1828	1542	1284	1064	875	717	385
DROP INCHES		.00	-.75	-3.14	-13.39	-32.07	-60.86	101.87	157.75	-601.45
BULLET PATH	(100 YDS)	-1.50	.07	.00	-5.60	-19.64	-43.79	-80.15	131.39	-556.52
INCHES	(200 YDS)	-1.50	1.47	2.80	.00	-11.23	-32.58	-66.14	114.57	-528.50
(ZERO RANGE)	(300 YDS)	-1.50	3.34	6.55	7.49	.00	-17.60	-47.42	-92.11	-491.05
	( 600 YDS)	-1.50	11.02	21.90	38.19	46.05	43.80	29.34	.00	-337.54
MPBR ZERO	(245 YDS)	-1.50	2.27	4.40	3.20	-6.43	-26.18	-58.14	104.97	-512.50
WIND DRIFT	(10 MPH)	.00	.22	.90	3.78	8.96	16.78	27.60	41.84	135.63
INCHES	(20 MPH)	.00	.44	1.81	7.55	17.91	33.56	55.19	83.69	271.27

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

VELOCITY FPS		2300	2208	2118	1937	1765	1605	1452	1316	989
ENERGY FT-LB		1973	1818	1674	1400	1162	961	786	646	365
DROP INCHES		.00	-.82	-3.43	-14.63	-35.11	-66.76	111.96	173.69	-661.44
BULLET PATH	(100 YDS)	-1.50	.14	.00	-6.27	-21.82	-48.55	-88.82	145.63	-613.66
INCHES	(200 YDS)	-1.50	1.71	3.14	.00	-12.42	-36.01	-73.14	126.81	-582.30
(ZERO RANGE)	(300 YDS)	-1.50	3.78	7.27	8.28	.00	-19.45	-52.45	101.98	-540.92
	( 600 YDS)	-1.50	12.28	24.27	42.27	50.99	48.54	32.53	.00	-370.95
MPBR ZERO	(235 YDS)	-1.50	2.39	4.50	2.72	-8.33	-30.56	-66.33	118.64	-568.68
WIND DRIFT	(10 MPH)	.00	.24	.96	4.06	9.65	18.06	29.70	44.95	142.17
INCHES	(20 MPH)	.00	.47	1.93	8.12	19.31	36.13	59.39	89.91	284.35