

.308 Dia., 200 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 440 YARDS. SET ZERO AT 370 YARDS.										
VELOCITY FPS		3600	3501	3405	3220	3042	2872	2708	2550	1969
ENERGY FT-LB		5754	5444	5150	4604	4110	3662	3256	2887	1721
DROP INCHES		.00	-.33	-1.37	-5.74	-13.47	-24.95	-40.64	-61.08	-203.93
BULLET PATH	(200 YDS)	-1.50	-.02	.75	.00	-4.10	-11.96	-24.03	-40.84	-169.21
INCHES	(300 YDS)	-1.50	.66	2.12	2.73	.00	-6.49	-17.19	-32.64	-155.54
(ZERO RANGE)	(600 YDS)	-1.50	3.38	7.56	13.61	16.32	15.27	10.01	.00	-101.14
	(1000 YDS)	-1.50	8.44	17.67	33.84	46.66	55.73	60.58	60.68	.00
MPBR ZERO	(370 YDS)	-1.50	1.22	3.23	4.96	3.34	-2.03	-11.62	-25.95	-144.40
WIND DRIFT	(10 MPH)	.00	.10	.41	1.69	3.89	7.09	11.36	16.78	52.38
INCHES	(20 MPH)	.00	.20	.83	3.38	7.79	14.18	22.71	33.57	104.76

MAXIMUM POINT BLANK RANGE IS 425 YARDS. SET ZERO AT 360 YARDS.										
VELOCITY FPS		3500	3404	3310	3128	2955	2787	2626	2471	1901
ENERGY FT-LB		5439	5145	4865	4347	3877	3451	3064	2712	1604
DROP INCHES		.00	-.35	-1.45	-6.08	-14.26	-26.41	-43.05	-64.72	-216.60
BULLET PATH	(200 YDS)	-1.50	.04	.84	.00	-4.39	-12.76	-25.60	-43.48	-180.20
INCHES	(300 YDS)	-1.50	.77	2.30	2.92	.00	-6.91	-18.29	-34.70	-165.57
(ZERO RANGE)	(600 YDS)	-1.50	3.67	8.08	14.49	17.35	16.23	10.63	.00	-107.73
	(1000 YDS)	-1.50	9.05	18.86	36.04	49.67	59.32	64.50	64.64	.00
MPBR ZERO	(360 YDS)	-1.50	1.28	3.31	4.94	3.03	-2.87	-13.24	-28.64	-155.47
WIND DRIFT	(10 MPH)	.00	.11	.43	1.75	4.03	7.34	11.76	17.40	54.51
INCHES	(20 MPH)	.00	.21	.86	3.50	8.06	14.68	23.53	34.80	109.02

MAXIMUM POINT BLANK RANGE IS 415 YARDS. SET ZERO AT 350 YARDS.										
VELOCITY FPS		3400	3306	3214	3037	2867	2703	2545	2392	1832
ENERGY FT-LB		5132	4853	4588	4096	3649	3244	2876	2542	1491
DROP INCHES		.00	-.37	-1.54	-6.45	-15.12	-28.02	-45.68	-68.71	-230.55
BULLET PATH	(200 YDS)	-1.50	.11	.93	.00	-4.70	-13.63	-27.32	-46.37	-192.32
INCHES	(300 YDS)	-1.50	.90	2.50	3.13	.00	-7.36	-19.48	-36.97	-176.66
(ZERO RANGE)	(600 YDS)	-1.50	3.98	8.66	15.46	18.49	17.29	11.33	.00	-115.03
	(1000 YDS)	-1.50	9.73	20.16	38.46	53.00	63.30	68.84	69.02	.00
MPBR ZERO	(350 YDS)	-1.50	1.34	3.39	4.92	2.68	-3.80	-15.03	-31.62	-167.74
WIND DRIFT	(10 MPH)	.00	.11	.44	1.81	4.17	7.61	12.21	18.08	56.84
INCHES	(20 MPH)	.00	.22	.88	3.62	8.35	15.22	24.42	36.16	113.68

MAXIMUM POINT BLANK RANGE IS 405 YARDS. SET ZERO AT 340 YARDS.										
VELOCITY FPS		3300	3208	3119	2945	2778	2618	2463	2313	1764
ENERGY FT-LB		4835	4571	4319	3852	3428	3043	2693	2376	1382
DROP INCHES		.00	-.40	-1.64	-6.85	-16.06	-29.78	-48.57	-73.10	-245.98
BULLET PATH	(200 YDS)	-1.50	.19	1.04	.00	-5.04	-14.59	-29.21	-49.56	-205.75
INCHES	(300 YDS)	-1.50	1.03	2.72	3.36	.00	-7.87	-20.80	-39.47	-188.94
(ZERO RANGE)	(600 YDS)	-1.50	4.32	9.30	16.52	19.74	18.45	12.09	.00	-123.15
	(1000 YDS)	-1.50	10.48	21.61	41.15	56.68	67.71	73.67	73.89	.00
MPBR ZERO	(340 YDS)	-1.50	1.41	3.48	4.88	2.27	-4.84	-17.02	-34.93	-181.36
WIND DRIFT	(10 MPH)	.00	.11	.46	1.88	4.34	7.91	12.70	18.82	59.40
INCHES	(20 MPH)	.00	.23	.92	3.76	8.67	15.82	25.41	37.65	118.80

MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 330 YARDS.										
VELOCITY FPS		3200	3110	3023	2853	2690	2532	2380	2233	1696
ENERGY FT-LB		4546	4296	4058	3615	3213	2848	2516	2215	1278
DROP INCHES		.00	-.42	-1.74	-7.28	-17.10	-31.72	-51.76	-77.93	-263.08
BULLET PATH	(200 YDS)	-1.50	.27	1.15	.00	-5.42	-15.65	-31.30	-53.08	-220.66
INCHES	(300 YDS)	-1.50	1.18	2.96	3.61	.00	-8.42	-22.26	-42.24	-202.59
(ZERO RANGE)	(600 YDS)	-1.50	4.70	10.00	17.69	21.12	19.74	12.94	.00	-132.19
	(1000 YDS)	-1.50	11.31	23.22	44.13	60.78	72.62	79.03	79.32	.00
MPBR ZERO	(330 YDS)	-1.50	1.48	3.56	4.82	1.81	-6.00	-19.24	-38.61	-196.54
WIND DRIFT	(10 MPH)	.00	.12	.48	1.95	4.51	8.24	13.25	19.64	62.22
INCHES	(20 MPH)	.00	.24	.95	3.91	9.02	16.48	26.49	39.29	124.43

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3100	3012	2927	2761	2601	2446	2297	2153	1629
ENERGY FT-LB		4266	4030	3804	3385	3004	2658	2343	2058	1178
DROP INCHES		.00	-.45	-1.85	-7.77	-18.24	-33.85	-55.27	-83.28	-282.11

BULLET PATH	(200 YDS)	-1.50	.37	1.28	.00	-5.84	-16.82	-33.61	-56.98	-237.27
INCHES	(300 YDS)	-1.50	1.34	3.23	3.89	.00	-9.03	-23.87	-45.30	-217.81
(ZERO RANGE)	(600 YDS)	-1.50	5.12	10.78	18.99	22.65	21.17	13.88	.00	-142.30
	(1000 YDS)	-1.50	12.23	25.01	47.45	65.34	78.09	85.03	85.38	.00
MPBR ZERO	(320 YDS)	-1.50	1.56	3.65	4.75	1.29	-7.31	-21.73	-42.73	-213.51
WIND DRIFT	(10 MPH)	.00	.12	.50	2.04	4.71	8.60	13.84	20.55	65.30
INCHES	(20 MPH)	.00	.25	.99	4.07	9.41	17.21	27.69	41.10	130.60

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.

VELOCITY FPS		3000	2914	2831	2668	2511	2360	2214	2072	1562
ENERGY FT-LB		3996	3772	3558	3162	2801	2473	2176	1907	1084
DROP INCHES		.00	-.48	-1.98	-8.30	-19.50	-36.22	-59.17	-89.22	-303.33
BULLET PATH	(200 YDS)	-1.50	.47	1.42	.00	-6.30	-18.11	-36.17	-61.32	-255.83
INCHES	(300 YDS)	-1.50	1.52	3.52	4.20	.00	-9.71	-25.67	-48.72	-234.83
(ZERO RANGE)	(600 YDS)	-1.50	5.58	11.64	20.44	24.36	22.77	14.93	.00	-153.63
	(1000 YDS)	-1.50	13.26	27.00	51.17	70.45	84.22	91.75	92.18	.00
MPBR ZERO	(310 YDS)	-1.50	1.64	3.75	4.66	.69	-8.79	-24.52	-47.34	-232.53
WIND DRIFT	(10 MPH)	.00	.13	.52	2.13	4.92	9.01	14.50	21.55	68.68
INCHES	(20 MPH)	.00	.26	1.04	4.26	9.84	18.01	29.01	43.10	137.36

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

VELOCITY FPS		2900	2816	2734	2575	2422	2273	2130	1991	1497
ENERGY FT-LB		3734	3522	3321	2946	2605	2295	2015	1761	995
DROP INCHES		.00	-.51	-2.12	-8.89	-20.90	-38.84	-63.50	-95.83	-327.09
BULLET PATH	(200 YDS)	-1.50	.58	1.57	.00	-6.82	-19.56	-39.03	-66.16	-276.63
INCHES	(300 YDS)	-1.50	1.72	3.85	4.54	.00	-10.47	-27.67	-52.53	-253.91
(ZERO RANGE)	(600 YDS)	-1.50	6.10	12.60	22.05	26.26	24.55	16.11	.00	-166.37
	(1000 YDS)	-1.50	14.42	29.24	55.33	76.17	91.09	99.29	99.82	.00
MPBR ZERO	(300 YDS)	-1.50	1.72	3.85	4.54	.00	-10.47	-27.67	-52.53	-253.91
WIND DRIFT	(10 MPH)	.00	.13	.54	2.23	5.16	9.45	15.24	22.66	72.38
INCHES	(20 MPH)	.00	.27	1.08	4.46	10.32	18.91	30.47	45.32	144.76

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

VELOCITY FPS		2800	2718	2638	2482	2332	2187	2046	1910	1433
ENERGY FT-LB		3481	3281	3091	2737	2415	2123	1859	1621	912
DROP INCHES		.00	-.55	-2.28	-9.55	-22.46	-41.76	-68.34	103.22	-353.77
BULLET PATH	(200 YDS)	-1.50	.71	1.75	.00	-7.39	-21.17	-42.22	-71.58	-300.03
INCHES	(300 YDS)	-1.50	1.94	4.21	4.93	.00	-11.32	-29.91	-56.80	-275.40
(ZERO RANGE)	(600 YDS)	-1.50	6.68	13.68	23.86	28.40	26.55	17.43	.00	-180.73
	(1000 YDS)	-1.50	15.71	31.75	60.01	82.62	98.84	107.79	108.44	.00
MPBR ZERO	(290 YDS)	-1.50	1.81	3.95	4.40	-.79	-12.38	-31.23	-58.39	-278.05
WIND DRIFT	(10 MPH)	.00	.14	.57	2.34	5.43	9.95	16.05	23.89	76.41
INCHES	(20 MPH)	.00	.28	1.14	4.68	10.85	19.89	32.09	47.78	152.81

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

VELOCITY FPS		2700	2620	2542	2389	2242	2100	1962	1830	1372
ENERGY FT-LB		3236	3048	2869	2535	2232	1958	1709	1487	836
DROP INCHES		.00	-.59	-2.45	-10.28	-24.20	-45.04	-73.76	111.52	-383.79
BULLET PATH	(200 YDS)	-1.50	.85	1.94	.00	-8.03	-22.98	-45.81	-77.68	-326.39
INCHES	(300 YDS)	-1.50	2.19	4.62	5.35	.00	-12.27	-32.43	-61.62	-299.62
(ZERO RANGE)	(600 YDS)	-1.50	7.33	14.89	25.89	30.81	28.81	18.92	.00	-196.93
	(1000 YDS)	-1.50	17.17	34.58	65.28	89.89	107.58	117.38	118.16	.00
MPBR ZERO	(280 YDS)	-1.50	1.91	4.05	4.21	-1.71	-14.55	-35.28	-65.04	-305.32
WIND DRIFT	(10 MPH)	.00	.15	.60	2.47	5.72	10.49	16.95	25.26	80.77
INCHES	(20 MPH)	.00	.30	1.20	4.93	11.44	20.99	33.90	50.52	161.55

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		2600	2522	2445	2296	2152	2012	1878	1750	1313
ENERGY FT-LB		3001	2824	2655	2341	2056	1798	1566	1359	765
DROP INCHES		.00	-.64	-2.64	-11.10	-26.15	-48.72	-79.86	120.87	-417.66
BULLET PATH	(200 YDS)	-1.50	1.01	2.16	.00	-8.75	-25.01	-49.86	-84.57	-356.15
INCHES	(300 YDS)	-1.50	2.47	5.07	5.83	.00	-13.34	-35.27	-67.06	-326.98
(ZERO RANGE)	(600 YDS)	-1.50	8.06	16.25	28.19	33.53	31.37	20.61	.00	-215.21
	(1000 YDS)	-1.50	18.82	37.77	71.23	98.09	117.45	128.22	129.12	.00
MPBR ZERO	(270 YDS)	-1.50	2.01	4.15	3.99	-2.77	-17.04	-39.89	-72.61	-336.22
WIND DRIFT	(10 MPH)	.00	.16	.63	2.60	6.05	11.11	17.96	26.78	85.48
INCHES	(20 MPH)	.00	.31	1.26	5.21	12.10	22.21	35.91	53.55	170.96

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

VELOCITY FPS		2500	2423	2348	2203	2062	1925	1794	1670	1257
ENERGY FT-LB		2775	2608	2449	2154	1887	1646	1430	1239	701
DROP INCHES		.00	-.69	-2.86	-12.03	-28.36	-52.87	-86.76	131.45	-455.91
BULLET PATH	(200 YDS)	-1.50	1.19	2.40	.00	-9.57	-27.32	-54.45	-92.38	-389.78
INCHES	(300 YDS)	-1.50	2.78	5.59	6.38	.00	-14.56	-38.50	-73.24	-357.88
(ZERO RANGE)	(600 YDS)	-1.50	8.89	17.80	30.79	36.62	34.27	22.53	.00	-235.82
	(1000 YDS)	-1.50	20.68	41.38	77.96	107.37	128.59	140.44	141.49	.00
MPBR ZERO	(260 YDS)	-1.50	2.12	4.26	3.71	-4.01	-19.90	-45.18	-81.25	-371.24
WIND DRIFT	(10 MPH)	.00	.16	.67	2.76	6.41	11.79	19.08	28.45	90.50
INCHES	(20 MPH)	.00	.33	1.34	5.52	12.83	23.58	38.15	56.90	181.00

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2400	2325	2252	2109	1971	1838	1712	1593	1205
ENERGY FT-LB		2557	2401	2252	1976	1725	1501	1302	1126	644
DROP INCHES		.00	-.75	-3.11	-13.07	-30.85	-57.57	-94.58	143.46	-499.12
BULLET PATH	(200 YDS)	-1.50	1.39	2.68	.00	-10.49	-29.93	-59.66	101.25	-427.78
INCHES	(300 YDS)	-1.50	3.14	6.18	6.99	.00	-15.94	-42.17	-80.26	-392.80
(ZERO RANGE)	(600 YDS)	-1.50	9.83	19.55	33.75	40.13	37.57	24.71	.00	-259.03
	(1000 YDS)	-1.50	22.78	45.46	85.56	117.84	141.18	154.23	155.42	.00
MPBR ZERO	(250 YDS)	-1.50	2.23	4.36	3.36	-5.45	-23.21	-51.25	-91.16	-410.96
WIND DRIFT	(10 MPH)	.00	.17	.71	2.93	6.82	12.55	20.31	30.28	95.76
INCHES	(20 MPH)	.00	.35	1.42	5.86	13.64	25.10	40.62	60.56	191.52

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

VELOCITY FPS		2300	2227	2155	2016	1881	1753	1631	1517	1157
ENERGY FT-LB		2348	2202	2063	1804	1571	1364	1181	1021	594
DROP INCHES		.00	-.82	-3.39	-14.26	-33.68	-62.93	103.51	157.15	-548.02
BULLET PATH	(200 YDS)	-1.50	1.62	2.99	.00	-11.55	-32.92	-65.62	111.38	-470.74
INCHES	(300 YDS)	-1.50	3.55	6.84	7.70	.00	-17.52	-46.37	-88.29	-432.24
(ZERO RANGE)	(600 YDS)	-1.50	10.90	21.56	37.13	44.14	41.33	27.20	.00	-285.10
	(1000 YDS)	-1.50	25.16	50.07	94.15	129.67	155.37	169.75	171.06	.00
MPBR ZERO	(240 YDS)	-1.50	2.36	4.46	2.94	-7.14	-27.05	-58.27	102.57	-456.05
WIND DRIFT	(10 MPH)	.00	.19	.76	3.12	7.28	13.40	21.67	32.29	101.20
INCHES	(20 MPH)	.00	.37	1.51	6.25	14.56	26.79	43.34	64.57	202.40

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		2200	2129	2059	1922	1792	1668	1551	1443	1114
ENERGY FT-LB		2149	2012	1882	1641	1426	1235	1068	924	551
DROP INCHES		.00	-.89	-3.70	-15.61	-36.93	-69.08	113.72	172.84	-603.26
BULLET PATH	(200 YDS)	-1.50	1.88	3.35	.00	-12.76	-36.35	-72.44	123.01	-519.20
INCHES	(300 YDS)	-1.50	4.01	7.61	8.51	.00	-19.34	-51.17	-97.48	-476.66
(ZERO RANGE)	(600 YDS)	-1.50	12.13	23.85	41.00	48.74	45.65	30.06	.00	-314.19
	(1000 YDS)	-1.50	27.84	55.27	103.84	143.00	171.33	187.16	188.51	.00
MPBR ZERO	(230 YDS)	-1.50	2.49	4.56	2.42	-9.14	-31.52	-66.40	115.75	-507.11
WIND DRIFT	(10 MPH)	.00	.20	.81	3.34	7.79	14.33	23.16	34.46	106.67
INCHES	(20 MPH)	.00	.40	1.61	6.69	15.58	28.66	46.31	68.91	213.35

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		2100	2030	1962	1829	1703	1584	1473	1371	1076
ENERGY FT-LB		1958	1830	1709	1486	1288	1115	964	835	514
DROP INCHES		.00	-.98	-4.07	-17.18	-40.67	-76.15	125.49	190.88	-665.58
BULLET PATH	(200 YDS)	-1.50	2.19	3.77	.00	-14.16	-40.30	-80.30	136.35	-573.69
INCHES	(300 YDS)	-1.50	4.55	8.49	9.44	.00	-21.42	-56.70	108.03	-526.50
(ZERO RANGE)	(600 YDS)	-1.50	13.55	26.49	45.45	54.02	50.60	33.33	.00	-346.45
	(1000 YDS)	-1.50	30.87	61.14	114.74	157.95	189.18	206.55	207.87	.00
MPBR ZERO	(220 YDS)	-1.50	2.63	4.66	1.78	-11.49	-36.75	-75.86	131.02	-564.81
WIND DRIFT	(10 MPH)	.00	.21	.87	3.60	8.36	15.36	24.77	36.78	112.00
INCHES	(20 MPH)	.00	.43	1.74	7.19	16.72	30.71	49.54	73.55	224.01

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		2000	1932	1866	1738	1617	1504	1399	1304	1043
ENERGY FT-LB		1776	1657	1546	1341	1161	1004	869	755	483
DROP INCHES		.00	-1.08	-4.49	-18.97	-44.96	-84.25	138.96	211.44	-735.01
BULLET PATH	(200 YDS)	-1.50	2.54	4.24	.00	-15.76	-44.81	-89.28	151.53	-634.15
INCHES	(300 YDS)	-1.50	5.16	9.50	10.50	.00	-23.80	-63.03	120.02	-581.63

(ZERO RANGE)	(600 YDS)	-1.50	15.16	29.50	50.51	60.01	56.21	36.99	.00	-381.61
	(1000 YDS)	-1.50	34.24	67.66	126.83	174.49	208.85	227.79	228.96	.00
MPBR ZERO	(210 YDS)	-1.50	2.78	4.73	.98	-14.28	-42.85	-86.83	148.58	-629.25
WIND DRIFT	(10 MPH)	.00	.23	.93	3.85	8.95	16.41	26.42	39.12	116.81
INCHES	(20 MPH)	.00	.46	1.86	7.70	17.89	32.82	52.83	78.24	233.62

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		1900	1834	1770	1647	1532	1425	1327	1241	1013
ENERGY FT-LB		1602	1494	1391	1205	1042	902	782	684	456
DROP INCHES		.00	-1.20	-4.98	-21.06	-49.95	-93.68	154.55	235.15	-812.75
BULLET PATH	(200 YDS)	-1.50	2.94	4.80	.00	-17.61	-50.06	-99.65	168.97	-701.46
INCHES	(300 YDS)	-1.50	5.87	10.67	11.74	.00	-26.59	-70.31	133.75	-642.76
(ZERO RANGE)	(600 YDS)	-1.50	17.02	32.96	56.32	66.88	62.58	41.16	.00	-419.84
	(1000 YDS)	-1.50	38.01	74.94	140.29	192.83	230.52	251.08	251.90	.00
MPBR ZERO	(200 YDS)	-1.50	2.94	4.80	.00	-17.61	-50.06	-99.65	168.97	-701.46
WIND DRIFT	(10 MPH)	.00	.25	1.00	4.13	9.57	17.52	28.13	41.50	120.99
INCHES	(20 MPH)	.00	.49	2.00	8.25	19.15	35.04	56.26	83.00	241.98