

## .284 Dia., 150 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 390 YARDS. SET ZERO AT 330 YARDS.										
VELOCITY FPS		3300	3179	3063	2839	2625	2422	2230	2047	1427
ENERGY FT-LB		3626	3367	3124	2684	2296	1954	1656	1395	678
DROP INCHES		.00	-.40	-1.66	-7.02	-16.70	-31.43	-52.09	-79.75	-291.50
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-2.21	-8.73	-20.30	-37.81	-62.31	-261.45
INCHES	(200 YDS)	-1.50	.23	1.10	.00	-5.42	-15.89	-32.29	-55.69	-250.41
(ZERO RANGE)	(300 YDS)	-1.50	1.13	2.91	3.61	.00	-8.66	-23.25	-44.85	-232.34
	( 600 YDS)	-1.50	4.87	10.39	18.56	22.42	21.24	14.12	.00	-157.59
MPBR ZERO	(330 YDS)	-1.50	1.44	3.53	4.84	1.85	-6.20	-20.18	-41.16	-226.19
WIND DRIFT	(10 MPH)	.00	.15	.61	2.51	5.85	10.79	17.51	26.22	86.39
INCHES	(20 MPH)	.00	.30	1.22	5.03	11.71	21.58	35.01	52.43	172.77

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3200	3082	2968	2749	2540	2341	2153	1973	1375
ENERGY FT-LB		3410	3164	2934	2516	2148	1825	1544	1297	630
DROP INCHES		.00	-.42	-1.76	-7.47	-17.78	-33.49	-55.55	-85.12	-312.37
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-2.45	-9.50	-21.95	-40.74	-67.05	-281.25
INCHES	(200 YDS)	-1.50	.32	1.22	.00	-5.83	-17.05	-34.62	-59.71	-269.01
(ZERO RANGE)	(300 YDS)	-1.50	1.29	3.17	3.89	.00	-9.28	-24.91	-48.06	-249.59
	( 600 YDS)	-1.50	5.29	11.18	19.90	24.03	22.76	15.13	.00	-169.49
MPBR ZERO	(320 YDS)	-1.50	1.51	3.60	4.76	1.31	-7.53	-22.73	-45.44	-245.22
WIND DRIFT	(10 MPH)	.00	.16	.63	2.62	6.10	11.25	18.27	27.38	90.29
INCHES	(20 MPH)	.00	.31	1.27	5.23	12.19	22.50	36.53	54.76	180.59

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3100	2985	2873	2659	2454	2260	2075	1900	1325
ENERGY FT-LB		3200	2968	2750	2354	2005	1701	1434	1202	585
DROP INCHES		.00	-.45	-1.88	-7.97	-18.98	-35.77	-59.38	-91.08	-335.52
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-2.71	-10.35	-23.76	-44.00	-72.31	-303.24
INCHES	(200 YDS)	-1.50	.42	1.36	.00	-6.28	-18.34	-37.21	-64.17	-289.67
(ZERO RANGE)	(300 YDS)	-1.50	1.46	3.45	4.19	.00	-9.97	-26.75	-51.62	-268.75
	( 600 YDS)	-1.50	5.76	12.05	21.39	25.81	24.45	16.26	.00	-182.72
MPBR ZERO	(315 YDS)	-1.50	1.64	3.80	4.89	1.05	-8.56	-25.00	-49.52	-265.24
WIND DRIFT	(10 MPH)	.00	.16	.66	2.73	6.37	11.76	19.10	28.65	94.48
INCHES	(20 MPH)	.00	.32	1.32	5.46	12.73	23.51	38.20	57.31	188.97

MAXIMUM POINT BLANK RANGE IS 360 YARDS. SET ZERO AT 305 YARDS.										
VELOCITY FPS		3000	2888	2778	2568	2368	2178	1998	1827	1277
ENERGY FT-LB		2997	2777	2571	2197	1867	1580	1329	1111	543
DROP INCHES		.00	-.48	-2.01	-8.52	-20.31	-38.30	-63.64	-97.69	-361.25
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-3.01	-11.29	-25.78	-47.61	-78.16	-327.69
INCHES	(200 YDS)	-1.50	.52	1.50	.00	-6.78	-19.77	-40.09	-69.14	-312.66
(ZERO RANGE)	(300 YDS)	-1.50	1.65	3.76	4.52	.00	-10.73	-28.79	-55.58	-290.06
	( 600 YDS)	-1.50	6.28	13.03	23.05	27.79	26.33	17.53	.00	-197.42
MPBR ZERO	(305 YDS)	-1.50	1.71	3.89	4.77	.37	-10.23	-28.17	-54.83	-288.81
WIND DRIFT	(10 MPH)	.00	.17	.69	2.85	6.66	12.31	20.02	30.05	98.96
INCHES	(20 MPH)	.00	.34	1.38	5.70	13.33	24.62	40.03	60.11	197.92

MAXIMUM POINT BLANK RANGE IS 350 YARDS. SET ZERO AT 295 YARDS.										
VELOCITY FPS		2900	2790	2683	2477	2282	2097	1920	1754	1231
ENERGY FT-LB		2800	2593	2398	2044	1735	1464	1228	1024	504
DROP INCHES		.00	-.52	-2.15	-9.13	-21.78	-41.11	-68.37	105.06	-389.86
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-3.33	-12.33	-28.02	-51.62	-84.68	-354.88
INCHES	(200 YDS)	-1.50	.64	1.67	.00	-7.34	-21.36	-43.30	-74.68	-338.22
(ZERO RANGE)	(300 YDS)	-1.50	1.86	4.11	4.89	.00	-11.57	-31.07	-60.01	-313.77
	( 600 YDS)	-1.50	6.86	14.11	24.89	30.00	28.43	18.94	.00	-213.75
MPBR ZERO	(295 YDS)	-1.50	1.80	3.98	4.62	-.40	-12.11	-31.74	-60.81	-315.10
WIND DRIFT	(10 MPH)	.00	.18	.72	2.99	6.99	12.91	21.02	31.58	103.70
INCHES	(20 MPH)	.00	.35	1.44	5.98	13.98	25.83	42.04	63.17	207.39

MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		2800	2693	2588	2386	2196	2015	1843	1682	1188
ENERGY FT-LB		2610	2415	2231	1897	1607	1352	1131	942	470
DROP INCHES		.00	-.55	-2.31	-9.81	-23.42	-44.24	-73.65	113.30	-421.74

BULLET PATH	(100 YDS)	-1.50	-.15	.00	-3.69	-13.50	-30.52	-56.12	-91.97	-385.18
INCHES	(200 YDS)	-1.50	.77	1.85	.00	-7.96	-23.13	-46.88	-80.88	-366.71
(ZERO RANGE)	(300 YDS)	-1.50	2.10	4.50	5.30	.00	-12.52	-33.62	-64.97	-340.18
	( 600 YDS)	-1.50	7.51	15.33	26.96	32.49	30.79	20.52	.00	-231.90
MPBR ZERO	(285 YDS)	-1.50	1.88	4.07	4.44	-1.29	-14.24	-35.77	-67.55	-344.49
WIND DRIFT	(10 MPH)	.00	.19	.76	3.14	7.34	13.58	22.12	33.26	108.68
INCHES	(20 MPH)	.00	.37	1.51	6.28	14.68	27.16	44.24	66.52	217.36

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 275 YARDS.

VELOCITY FPS		2700	2595	2493	2297	2110	1933	1766	1612	1148
ENERGY FT-LB		2427	2243	2070	1757	1483	1245	1039	866	439
DROP INCHES		.00	-.60	-2.48	-10.56	-25.25	-47.74	-79.56	122.53	-457.21
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-4.10	-14.80	-33.32	-61.15	100.14	-418.89
INCHES	(200 YDS)	-1.50	.92	2.05	.00	-8.65	-25.12	-50.90	-87.84	-398.39
(ZERO RANGE)	(300 YDS)	-1.50	2.36	4.93	5.77	.00	-13.58	-36.48	-70.54	-369.56
	( 600 YDS)	-1.50	8.24	16.69	29.28	35.27	33.45	22.30	.00	-251.98
MPBR ZERO	(275 YDS)	-1.50	1.98	4.16	4.22	-2.32	-16.67	-40.34	-75.17	-377.27
WIND DRIFT	(10 MPH)	.00	.20	.80	3.31	7.73	14.31	23.33	35.07	113.85
INCHES	(20 MPH)	.00	.39	1.59	6.61	15.46	28.62	46.65	70.15	227.70

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

VELOCITY FPS		2600	2497	2397	2207	2025	1852	1690	1544	1112
ENERGY FT-LB		2251	2077	1914	1622	1365	1142	951	794	411
DROP INCHES		.00	-.64	-2.68	-11.41	-27.30	-51.67	-86.20	132.91	-496.70
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-4.55	-16.26	-36.46	-66.81	109.33	-456.41
INCHES	(200 YDS)	-1.50	1.08	2.28	.00	-9.43	-27.35	-55.42	-95.67	-433.64
(ZERO RANGE)	(300 YDS)	-1.50	2.66	5.42	6.29	.00	-14.78	-39.71	-76.82	-402.22
	( 600 YDS)	-1.50	9.06	18.22	31.89	38.41	36.43	24.30	.00	-274.19
MPBR ZERO	(265 YDS)	-1.50	2.07	4.25	3.95	-3.50	-19.45	-45.54	-83.81	-413.88
WIND DRIFT	(10 MPH)	.00	.21	.84	3.49	8.15	15.11	24.65	37.03	119.15
INCHES	(20 MPH)	.00	.41	1.68	6.97	16.31	30.22	49.30	74.05	238.30

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

VELOCITY FPS		2500	2399	2303	2117	1939	1771	1617	1477	1079
ENERGY FT-LB		2081	1917	1766	1492	1252	1045	871	727	388
DROP INCHES		.00	-.70	-2.90	-12.37	-29.60	-56.10	-93.69	144.59	-540.57
BULLET PATH	(100 YDS)	-1.50	.00	.00	-5.06	-17.90	-39.99	-73.18	119.68	-498.06
INCHES	(200 YDS)	-1.50	1.27	2.53	.00	-10.30	-29.87	-60.53	104.49	-472.74
(ZERO RANGE)	(300 YDS)	-1.50	2.99	5.97	6.87	.00	-16.13	-43.35	-83.89	-438.40
	( 600 YDS)	-1.50	9.98	19.95	34.83	41.94	39.79	26.55	.00	-298.59
MPBR ZERO	(255 YDS)	-1.50	2.17	4.34	3.62	-4.87	-22.63	-51.47	-93.63	-454.63
WIND DRIFT	(10 MPH)	.00	.22	.89	3.68	8.62	15.98	26.07	39.11	124.48
INCHES	(20 MPH)	.00	.44	1.77	7.36	17.23	31.97	52.14	78.23	248.95

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

VELOCITY FPS		2400	2303	2209	2027	1854	1692	1546	1413	1050
ENERGY FT-LB		1918	1767	1625	1368	1145	953	796	665	367
DROP INCHES		.00	-.76	-3.15	-13.44	-32.20	-61.09	102.13	157.76	-589.17
BULLET PATH	(100 YDS)	-1.50	.07	.00	-5.64	-19.75	-43.99	-80.38	131.36	-544.17
INCHES	(200 YDS)	-1.50	1.48	2.82	.00	-11.29	-32.72	-66.29	114.45	-515.99
(ZERO RANGE)	(300 YDS)	-1.50	3.36	6.58	7.53	.00	-17.66	-47.47	-91.86	-478.34
	( 600 YDS)	-1.50	11.02	21.89	38.15	45.93	43.58	29.09	.00	-325.24
MPBR ZERO	(245 YDS)	-1.50	2.28	4.43	3.22	-6.47	-26.28	-58.25	104.80	-499.90
WIND DRIFT	(10 MPH)	.00	.23	.93	3.88	9.12	16.93	27.58	41.32	129.70
INCHES	(20 MPH)	.00	.46	1.86	7.76	18.23	33.86	55.16	82.64	259.40

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

VELOCITY FPS		2300	2205	2113	1936	1768	1614	1475	1349	1023
ENERGY FT-LB		1761	1620	1487	1248	1041	868	724	606	348
DROP INCHES		.00	-.82	-3.44	-14.67	-35.19	-66.84	111.85	172.88	-643.79
BULLET PATH	(100 YDS)	-1.50	.14	.00	-6.30	-21.88	-48.60	-88.67	144.77	-595.94
INCHES	(200 YDS)	-1.50	1.72	3.15	.00	-12.44	-36.01	-72.93	125.88	-564.46
(ZERO RANGE)	(300 YDS)	-1.50	3.79	7.29	8.29	.00	-19.42	-52.20	101.00	-523.00
	( 600 YDS)	-1.50	12.21	24.13	41.96	50.50	47.91	31.97	.00	-354.66
MPBR ZERO	(235 YDS)	-1.50	2.40	4.51	2.73	-8.34	-30.54	-66.10	117.68	-550.80
WIND DRIFT	(10 MPH)	.00	.24	.99	4.13	9.71	18.01	29.28	43.76	134.94
INCHES	(20 MPH)	.00	.49	1.98	8.27	19.42	36.03	58.55	87.52	269.88

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

VELOCITY FPS		2200	2108	2018	1846	1684	1539	1406	1289	998
ENERGY FT-LB		1611	1479	1356	1134	945	789	659	553	331
DROP INCHES		.00	-.90	-3.76	-16.07	-38.60	-73.39	122.91	190.02	-704.06
BULLET PATH	(100 YDS)	-1.50	.23	.00	-7.05	-24.32	-53.85	-98.10	159.95	-652.95
INCHES	(200 YDS)	-1.50	1.99	3.53	.00	-13.75	-39.75	-80.48	138.80	-617.70
(ZERO RANGE)	(300 YDS)	-1.50	4.28	8.11	9.16	.00	-21.42	-57.57	111.31	-571.88
	( 600 YDS)	-1.50	13.56	26.66	46.27	55.65	52.78	35.19	.00	-386.37
MPBR ZERO	(225 YDS)	-1.50	2.52	4.59	2.14	-10.54	-35.48	-75.13	132.39	-607.01
WIND DRIFT	(10 MPH)	.00	.26	1.06	4.41	10.36	19.16	31.06	46.29	139.81
INCHES	(20 MPH)	.00	.52	2.12	8.83	20.72	38.32	62.12	92.58	279.63