

.284 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 400 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3300	3194	3091	2892	2703	2522	2349	2183	1583
ENERGY FT-LB		4061	3805	3564	3119	2725	2374	2059	1777	934
DROP INCHES		.00	-.40	-1.65	-6.93	-16.37	-30.58	-50.24	-76.21	-266.48
BULLET PATH	(200 YDS)	-1.50	.21	1.07	.00	-5.23	-15.21	-30.67	-52.42	-225.83
INCHES	(300 YDS)	-1.50	1.08	2.81	3.48	.00	-8.24	-21.95	-41.97	-208.41
(ZERO RANGE)	(600 YDS)	-1.50	4.58	9.81	17.47	20.98	19.73	13.02	.00	-138.46
	(1000 YDS)	-1.50	11.50	23.65	45.17	62.52	75.12	82.25	83.08	.00
MPBR ZERO	(335 YDS)	-1.50	1.43	3.50	4.86	2.07	-5.49	-18.51	-37.83	-201.51
WIND DRIFT	(10 MPH)	.00	.13	.53	2.19	5.08	9.30	14.98	22.30	72.01
INCHES	(20 MPH)	.00	.26	1.07	4.39	10.16	18.60	29.97	44.59	144.02

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.										
VELOCITY FPS		3200	3096	2996	2801	2617	2440	2270	2106	1521
ENERGY FT-LB		3819	3576	3347	2926	2554	2220	1922	1655	863
DROP INCHES		.00	-.42	-1.75	-7.38	-17.43	-32.57	-53.55	-81.27	-285.28
BULLET PATH	(200 YDS)	-1.50	.30	1.19	.00	-5.62	-16.32	-32.86	-56.15	-242.40
INCHES	(300 YDS)	-1.50	1.23	3.06	3.75	.00	-8.82	-23.49	-44.91	-223.67
(ZERO RANGE)	(600 YDS)	-1.50	4.98	10.54	18.72	22.45	21.12	13.93	.00	-148.82
	(1000 YDS)	-1.50	12.42	25.43	48.48	67.10	80.64	88.34	89.29	.00
MPBR ZERO	(325 YDS)	-1.50	1.49	3.58	4.79	1.57	-6.73	-20.87	-41.77	-218.43
WIND DRIFT	(10 MPH)	.00	.14	.55	2.28	5.28	9.68	15.61	23.25	75.42
INCHES	(20 MPH)	.00	.27	1.11	4.56	10.57	19.35	31.22	46.51	150.84

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3100	2999	2900	2711	2530	2357	2190	2030	1460
ENERGY FT-LB		3584	3354	3138	2741	2388	2072	1789	1537	796
DROP INCHES		.00	-.45	-1.87	-7.87	-18.60	-34.76	-57.19	-86.87	-306.20
BULLET PATH	(200 YDS)	-1.50	.39	1.32	.00	-6.05	-17.53	-35.27	-60.27	-260.87
INCHES	(300 YDS)	-1.50	1.40	3.33	4.03	.00	-9.46	-25.19	-48.17	-240.71
(ZERO RANGE)	(600 YDS)	-1.50	5.41	11.36	20.09	24.09	22.65	14.95	.00	-160.43
	(1000 YDS)	-1.50	13.43	27.40	52.17	72.21	86.82	95.16	96.26	.00
MPBR ZERO	(315 YDS)	-1.50	1.57	3.67	4.70	1.00	-8.13	-23.52	-46.16	-237.36
WIND DRIFT	(10 MPH)	.00	.14	.58	2.38	5.50	10.09	16.30	24.30	79.13
INCHES	(20 MPH)	.00	.28	1.15	4.75	11.01	20.18	32.59	48.61	158.26

MAXIMUM POINT BLANK RANGE IS 365 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3000	2901	2805	2620	2443	2273	2110	1952	1401
ENERGY FT-LB		3356	3139	2934	2561	2227	1927	1660	1422	733
DROP INCHES		.00	-.48	-1.99	-8.41	-19.88	-37.19	-61.22	-93.07	-329.57
BULLET PATH	(200 YDS)	-1.50	.50	1.46	.00	-6.52	-18.87	-37.96	-64.85	-281.54
INCHES	(300 YDS)	-1.50	1.58	3.63	4.35	.00	-10.18	-27.08	-51.80	-259.79
(ZERO RANGE)	(600 YDS)	-1.50	5.90	12.27	21.62	25.90	24.36	16.09	.00	-173.45
	(1000 YDS)	-1.50	14.57	29.61	56.31	77.94	93.74	102.81	104.07	.00
MPBR ZERO	(310 YDS)	-1.50	1.70	3.87	4.83	.72	-9.22	-25.89	-50.37	-257.40
WIND DRIFT	(10 MPH)	.00	.15	.60	2.48	5.74	10.54	17.05	25.46	83.17
INCHES	(20 MPH)	.00	.30	1.20	4.96	11.49	21.09	34.10	50.92	166.34

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		2900	2803	2710	2530	2356	2189	2029	1874	1344
ENERGY FT-LB		3136	2931	2740	2387	2071	1788	1536	1310	674
DROP INCHES		.00	-.51	-2.13	-9.00	-21.31	-39.87	-65.70	-99.97	-355.68
BULLET PATH	(200 YDS)	-1.50	.61	1.62	.00	-7.05	-20.37	-40.94	-69.96	-304.67
INCHES	(300 YDS)	-1.50	1.79	3.97	4.70	.00	-10.97	-29.19	-55.86	-281.16
(ZERO RANGE)	(600 YDS)	-1.50	6.44	13.28	23.32	27.93	26.27	17.36	.00	-188.06
	(1000 YDS)	-1.50	15.84	32.08	60.93	84.35	101.50	111.39	112.84	.00
MPBR ZERO	(300 YDS)	-1.50	1.79	3.97	4.70	.00	-10.97	-29.19	-55.86	-281.16
WIND DRIFT	(10 MPH)	.00	.16	.63	2.59	6.00	11.04	17.88	26.74	87.53
INCHES	(20 MPH)	.00	.31	1.26	5.17	12.01	22.08	35.76	53.48	175.07

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		2800	2706	2615	2439	2269	2105	1948	1796	1290
ENERGY FT-LB		2924	2733	2552	2218	1920	1654	1416	1204	620
DROP INCHES		.00	-.55	-2.29	-9.66	-22.88	-42.86	-70.69	-107.68	-384.95

BULLET PATH	(200 YDS)	-1.50	.74	1.79	.00	-7.64	-22.04	-44.28	-75.69	-330.64
INCHES	(300 YDS)	-1.50	2.01	4.34	5.09	.00	-11.85	-31.55	-60.41	-305.17
(ZERO RANGE)	(600 YDS)	-1.50	7.05	14.41	25.23	30.21	28.43	18.80	.00	-204.49
	(1000 YDS)	-1.50	17.27	34.86	66.13	91.55	110.22	121.04	122.69	.00
MPBR ZERO	(290 YDS)	-1.50	1.87	4.06	4.54	-.82	-12.95	-32.92	-62.06	-307.92
WIND DRIFT	(10 MPH)	.00	.16	.65	2.70	6.29	11.58	18.79	28.15	92.24
INCHES	(20 MPH)	.00	.32	1.31	5.40	12.57	23.17	37.58	56.31	184.47

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

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

VELOCITY FPS		2700	2609	2519	2346	2180	2020	1866	1718	1237
ENERGY FT-LB		2718	2538	2368	2054	1773	1523	1298	1101	571
DROP INCHES		.00	-.59	-2.46	-10.41	-24.67	-46.24	-76.35	116.45	-418.25
BULLET PATH	(200 YDS)	-1.50	.88	1.99	.00	-8.31	-23.93	-48.08	-82.23	-360.22
INCHES	(300 YDS)	-1.50	2.27	4.76	5.54	.00	-12.86	-34.24	-65.61	-332.53
(ZERO RANGE)	(600 YDS)	-1.50	7.73	15.69	27.41	32.81	30.89	20.44	.00	-223.17
	(1000 YDS)	-1.50	18.89	38.01	72.04	99.76	120.16	132.03	133.90	.00
MPBR ZERO	(280 YDS)	-1.50	1.97	4.17	4.35	-1.78	-15.22	-37.20	-69.17	-338.45
WIND DRIFT	(10 MPH)	.00	.17	.69	2.84	6.63	12.23	19.86	29.80	97.41
INCHES	(20 MPH)	.00	.34	1.37	5.69	13.26	24.46	39.73	59.59	194.81

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

VELOCITY FPS		2600	2511	2423	2254	2091	1934	1783	1641	1189
ENERGY FT-LB		2521	2351	2191	1895	1632	1396	1186	1005	527
DROP INCHES		.00	-.64	-2.66	-11.24	-26.67	-50.05	-82.72	126.34	-455.76
BULLET PATH	(200 YDS)	-1.50	1.04	2.21	.00	-9.06	-26.07	-52.37	-89.62	-393.56
INCHES	(300 YDS)	-1.50	2.55	5.23	6.04	.00	-13.99	-37.28	-71.51	-363.37
(ZERO RANGE)	(600 YDS)	-1.50	8.51	17.15	29.87	35.75	33.68	22.31	.00	-244.19
	(1000 YDS)	-1.50	20.72	41.57	78.71	109.01	131.36	144.41	146.51	.00
MPBR ZERO	(270 YDS)	-1.50	2.07	4.27	4.12	-2.88	-17.83	-42.08	-77.27	-372.97
WIND DRIFT	(10 MPH)	.00	.18	.73	3.01	7.01	12.95	21.06	31.62	102.89
INCHES	(20 MPH)	.00	.36	1.45	6.01	14.03	25.89	42.12	63.23	205.77

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

VELOCITY FPS		2500	2412	2327	2162	2003	1848	1702	1565	1144
ENERGY FT-LB		2331	2171	2020	1743	1496	1274	1081	914	488
DROP INCHES		.00	-.69	-2.88	-12.18	-28.92	-54.34	-89.95	137.56	-498.01
BULLET PATH	(200 YDS)	-1.50	1.23	2.46	.00	-9.90	-28.49	-57.25	-98.03	-431.12
INCHES	(300 YDS)	-1.50	2.88	5.76	6.60	.00	-15.28	-40.74	-78.22	-398.10
(ZERO RANGE)	(600 YDS)	-1.50	9.39	18.80	32.68	39.11	36.87	24.44	.00	-267.74
	(1000 YDS)	-1.50	22.78	45.57	86.22	119.43	143.96	158.31	160.65	.00
MPBR ZERO	(260 YDS)	-1.50	2.18	4.37	3.83	-4.16	-20.83	-47.68	-86.54	-411.98
WIND DRIFT	(10 MPH)	.00	.19	.77	3.19	7.44	13.75	22.40	33.63	108.60
INCHES	(20 MPH)	.00	.38	1.54	6.37	14.88	27.51	44.80	67.25	217.21

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

VELOCITY FPS		2400	2314	2231	2069	1913	1763	1622	1491	1105
ENERGY FT-LB		2148	1998	1857	1597	1365	1160	982	830	455
DROP INCHES		.00	-.75	-3.13	-13.24	-31.47	-59.22	-98.15	150.31	-545.47
BULLET PATH	(200 YDS)	-1.50	1.43	2.74	.00	-10.87	-31.24	-62.80	107.59	-473.27
INCHES	(300 YDS)	-1.50	3.24	6.37	7.24	.00	-16.75	-44.69	-85.86	-437.05
(ZERO RANGE)	(600 YDS)	-1.50	10.40	20.68	35.86	42.93	40.49	26.86	.00	-293.95
	(1000 YDS)	-1.50	25.10	50.07	94.65	131.12	158.07	173.83	176.37	.00
MPBR ZERO	(250 YDS)	-1.50	2.30	4.48	3.47	-5.66	-24.30	-54.13	-97.18	-455.92
WIND DRIFT	(10 MPH)	.00	.20	.82	3.38	7.91	14.66	23.87	35.82	114.43
INCHES	(20 MPH)	.00	.40	1.63	6.77	15.82	29.31	47.75	71.64	228.86

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

VELOCITY FPS		2300	2216	2135	1977	1824	1679	1544	1420	1069
ENERGY FT-LB		1973	1833	1700	1458	1241	1052	889	752	426
DROP INCHES		.00	-.82	-3.41	-14.44	-34.38	-64.79	107.53	164.89	-598.77
BULLET PATH	(200 YDS)	-1.50	1.67	3.06	.00	-11.97	-34.40	-69.17	118.56	-520.55
INCHES	(300 YDS)	-1.50	3.66	7.05	7.98	.00	-18.44	-49.22	-94.62	-480.66
(ZERO RANGE)	(600 YDS)	-1.50	11.55	22.82	39.52	47.31	44.64	29.63	.00	-322.96
	(1000 YDS)	-1.50	27.69	55.12	104.11	144.20	173.82	191.11	193.77	.00
MPBR ZERO	(240 YDS)	-1.50	2.42	4.58	3.03	-7.42	-28.33	-61.59	109.46	-505.39
WIND DRIFT	(10 MPH)	.00	.21	.87	3.60	8.45	15.66	25.50	38.21	120.26
INCHES	(20 MPH)	.00	.43	1.74	7.21	16.90	31.32	51.00	76.42	240.52

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

VELOCITY FPS		2200	2118	2039	1884	1735	1596	1468	1351	1038
ENERGY FT-LB		1805	1674	1551	1324	1123	950	803	681	402
DROP INCHES		.00	-.90	-3.73	-15.82	-37.72	-71.18	118.29	181.59	-658.49
BULLET PATH	(200 YDS)	-1.50	1.93	3.43	.00	-13.24	-38.03	-76.49	131.12	-573.38
INCHES	(300 YDS)	-1.50	4.14	7.85	8.83	.00	-20.38	-54.42	104.64	-529.25
(ZERO RANGE)	(600 YDS)	-1.50	12.86	25.29	43.71	52.32	49.38	32.78	.00	-354.84
	(1000 YDS)	-1.50	30.60	60.77	114.68	158.77	191.32	210.20	212.91	.00
MPBR ZERO	(230 YDS)	-1.50	2.56	4.68	2.49	-9.50	-33.04	-70.25	123.64	-560.91
WIND DRIFT	(10 MPH)	.00	.23	.93	3.86	9.06	16.78	27.28	40.78	125.92
INCHES	(20 MPH)	.00	.45	1.85	7.72	18.11	33.56	54.56	81.57	251.84