

.277 Dia., 135 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 420 YARDS. SET ZERO AT 355 YARDS.										
VELOCITY FPS		3500	3389	3281	3073	2875	2684	2500	2323	1664
ENERGY FT-LB		3671	3442	3226	2830	2477	2159	1873	1618	830
DROP INCHES		.00	-.35	-1.46	-6.15	-14.53	-27.11	-44.52	-67.49	-235.75
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-1.73	-7.14	-16.76	-31.21	-51.22	-207.63
INCHES	(200 YDS)	-1.50	.06	.86	.00	-4.55	-13.30	-26.88	-46.03	-198.98
(ZERO RANGE)	(300 YDS)	-1.50	.82	2.38	3.03	.00	-7.24	-19.31	-36.94	-183.82
	(400 YDS)	-1.50	1.72	4.19	6.65	5.43	.00	-10.26	-26.08	-165.73
MPBR ZERO	(355 YDS)	-1.50	1.30	3.35	4.96	2.89	-3.38	-14.48	-31.15	-174.18
WIND DRIFT	(10 MPH)	.00	.12	.50	2.04	4.72	8.64	13.93	20.75	67.53
INCHES	(20 MPH)	.00	.25	.99	4.08	9.44	17.27	27.87	41.50	135.07

MAXIMUM POINT BLANK RANGE IS 410 YARDS. SET ZERO AT 345 YARDS.										
VELOCITY FPS		3400	3291	3186	2982	2788	2600	2420	2246	1596
ENERGY FT-LB		3464	3247	3042	2666	2330	2026	1755	1512	763
DROP INCHES		.00	-.37	-1.55	-6.52	-15.41	-28.77	-47.27	-71.71	-251.60
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-1.93	-7.76	-18.07	-33.52	-54.91	-222.61
INCHES	(200 YDS)	-1.50	.13	.96	.00	-4.87	-14.22	-28.71	-49.14	-212.98
(ZERO RANGE)	(300 YDS)	-1.50	.94	2.59	3.25	.00	-7.72	-20.59	-39.39	-196.74
	(400 YDS)	-1.50	1.91	4.52	7.11	5.79	.00	-10.93	-27.81	-177.44
MPBR ZERO	(345 YDS)	-1.50	1.36	3.42	4.92	2.51	-4.38	-16.41	-34.38	-188.38
WIND DRIFT	(10 MPH)	.00	.13	.51	2.11	4.89	8.97	14.49	21.60	70.81
INCHES	(20 MPH)	.00	.25	1.03	4.23	9.78	17.94	28.97	43.21	141.61

MAXIMUM POINT BLANK RANGE IS 400 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3300	3194	3091	2892	2700	2516	2339	2169	1529
ENERGY FT-LB		3263	3058	2863	2507	2186	1897	1639	1410	701
DROP INCHES		.00	-.40	-1.65	-6.93	-16.37	-30.59	-50.29	-76.36	-269.25
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-2.14	-8.44	-19.50	-36.06	-58.98	-239.29
INCHES	(200 YDS)	-1.50	.21	1.07	.00	-5.23	-15.22	-30.71	-52.56	-228.60
(ZERO RANGE)	(300 YDS)	-1.50	1.08	2.81	3.49	.00	-8.25	-22.00	-42.11	-211.17
	(400 YDS)	-1.50	2.11	4.88	7.61	6.19	.00	-11.68	-29.73	-190.54
MPBR ZERO	(335 YDS)	-1.50	1.43	3.50	4.87	2.07	-5.49	-18.55	-37.97	-204.27
WIND DRIFT	(10 MPH)	.00	.13	.53	2.19	5.08	9.34	15.10	22.54	74.41
INCHES	(20 MPH)	.00	.26	1.07	4.39	10.17	18.67	30.20	45.08	148.83

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.										
VELOCITY FPS		3200	3096	2996	2801	2612	2431	2257	2091	1460
ENERGY FT-LB		3069	2874	2690	2351	2045	1772	1527	1310	638
DROP INCHES		.00	-.42	-1.75	-7.38	-17.43	-32.59	-53.63	-81.49	-289.02
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-2.37	-9.18	-21.09	-38.88	-63.49	-258.01
INCHES	(200 YDS)	-1.50	.30	1.19	.00	-5.62	-16.34	-32.94	-56.37	-246.14
(ZERO RANGE)	(300 YDS)	-1.50	1.23	3.06	3.75	.00	-8.84	-23.57	-45.12	-227.40
	(400 YDS)	-1.50	2.34	5.27	8.17	6.63	.00	-12.52	-31.86	-205.29
MPBR ZERO	(325 YDS)	-1.50	1.50	3.59	4.80	1.57	-6.75	-20.95	-41.98	-222.15
WIND DRIFT	(10 MPH)	.00	.14	.55	2.28	5.30	9.75	15.78	23.58	78.43
INCHES	(20 MPH)	.00	.27	1.11	4.56	10.60	19.49	31.56	47.16	156.86

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3100	2999	2900	2708	2524	2346	2176	2013	1389
ENERGY FT-LB		2880	2695	2521	2199	1909	1650	1419	1214	578
DROP INCHES		.00	-.45	-1.87	-7.87	-18.61	-34.81	-57.33	-87.20	-311.23
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-2.63	-10.01	-22.84	-42.00	-68.50	-279.06
INCHES	(200 YDS)	-1.50	.39	1.32	.00	-6.06	-17.58	-35.41	-60.60	-265.90
(ZERO RANGE)	(300 YDS)	-1.50	1.40	3.34	4.04	.00	-9.50	-25.32	-48.48	-245.70
	(400 YDS)	-1.50	2.59	5.71	8.79	7.12	.00	-13.44	-34.23	-221.96
MPBR ZERO	(315 YDS)	-1.50	1.57	3.67	4.71	1.01	-8.16	-23.64	-46.47	-242.35
WIND DRIFT	(10 MPH)	.00	.14	.58	2.38	5.54	10.20	16.54	24.73	82.94
INCHES	(20 MPH)	.00	.28	1.15	4.76	11.08	20.41	33.08	49.47	165.88

MAXIMUM POINT BLANK RANGE IS 365 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3000	2901	2805	2616	2435	2261	2094	1928	1321
ENERGY FT-LB		2697	2523	2358	2051	1777	1532	1314	1115	523
DROP INCHES		.00	-.48	-1.99	-8.41	-19.91	-37.27	-61.44	-93.54	-336.31

BULLET PATH	(100 YDS)	-1.50	-.23	.00	-2.92	-10.92	-24.79	-45.47	-74.08	-302.87
INCHES	(200 YDS)	-1.50	.50	1.46	.00	-6.54	-18.95	-38.17	-65.32	-288.27
(ZERO RANGE)	(300 YDS)	-1.50	1.59	3.64	4.36	.00	-10.23	-27.26	-52.23	-266.46
	(400 YDS)	-1.50	2.87	6.20	9.48	7.67	.00	-14.48	-36.89	-240.89
MPBR ZERO	(310 YDS)	-1.50	1.71	3.88	4.84	.72	-9.27	-26.06	-50.79	-264.06
WIND DRIFT	(10 MPH)	.00	.15	.60	2.49	5.81	10.71	17.38	26.02	88.01
INCHES	(20 MPH)	.00	.30	1.20	4.99	11.62	21.42	34.75	52.04	176.03

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.

VELOCITY FPS		2900	2803	2708	2523	2346	2175	2012	1843	1257
ENERGY FT-LB		2520	2355	2198	1908	1649	1418	1213	1019	474
DROP INCHES		.00	-.51	-2.13	-9.01	-21.35	-40.01	-66.03	100.66	-364.76
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-3.24	-11.95	-26.98	-49.35	-80.35	-329.91
INCHES	(200 YDS)	-1.50	.61	1.62	.00	-7.08	-20.49	-41.25	-70.62	-313.70
(ZERO RANGE)	(300 YDS)	-1.50	1.79	3.98	4.72	.00	-11.04	-29.44	-56.46	-290.09
	(400 YDS)	-1.50	3.17	6.74	10.25	8.28	.00	-15.63	-39.89	-262.48
MPBR ZERO	(300 YDS)	-1.50	1.79	3.98	4.72	.00	-11.04	-29.44	-56.46	-290.09
WIND DRIFT	(10 MPH)	.00	.16	.63	2.62	6.12	11.28	18.31	27.51	93.65
INCHES	(20 MPH)	.00	.31	1.26	5.25	12.23	22.56	36.62	55.01	187.30

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

VELOCITY FPS		2800	2704	2611	2430	2256	2090	1924	1759	1198
ENERGY FT-LB		2349	2192	2043	1770	1526	1309	1109	927	430
DROP INCHES		.00	-.55	-2.29	-9.69	-22.97	-43.09	-71.17	108.68	-397.20
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-3.60	-13.09	-29.42	-53.71	-87.42	-360.78
INCHES	(200 YDS)	-1.50	.74	1.80	.00	-7.69	-22.21	-44.71	-76.62	-342.77
(ZERO RANGE)	(300 YDS)	-1.50	2.03	4.36	5.13	.00	-11.96	-31.89	-61.24	-317.14
	(400 YDS)	-1.50	3.52	7.35	11.11	8.97	.00	-16.94	-43.30	-287.24
MPBR ZERO	(290 YDS)	-1.50	1.89	4.09	4.57	-.83	-13.07	-33.28	-62.90	-319.91
WIND DRIFT	(10 MPH)	.00	.16	.67	2.77	6.46	11.92	19.36	29.21	99.89
INCHES	(20 MPH)	.00	.33	1.34	5.54	12.92	23.83	38.73	58.42	199.78

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.

VELOCITY FPS		2700	2606	2515	2338	2168	2005	1836	1676	1146
ENERGY FT-LB		2184	2036	1896	1638	1409	1205	1010	842	394
DROP INCHES		.00	-.59	-2.47	-10.43	-24.76	-46.49	-76.90	117.64	-433.72
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-4.00	-14.36	-32.12	-58.57	-95.34	-395.55
INCHES	(200 YDS)	-1.50	.89	2.00	.00	-8.36	-24.13	-48.57	-83.35	-375.56
(ZERO RANGE)	(300 YDS)	-1.50	2.28	4.79	5.57	.00	-12.98	-34.64	-66.63	-347.69
	(400 YDS)	-1.50	3.90	8.03	12.06	9.73	.00	-18.42	-47.16	-315.25
MPBR ZERO	(280 YDS)	-1.50	1.98	4.19	4.38	-1.79	-15.36	-37.62	-70.21	-353.66
WIND DRIFT	(10 MPH)	.00	.17	.71	2.92	6.81	12.58	20.54	31.07	106.48
INCHES	(20 MPH)	.00	.35	1.41	5.84	13.63	25.16	41.07	62.15	212.96

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

VELOCITY FPS		2600	2508	2419	2246	2079	1913	1749	1595	1100
ENERGY FT-LB		2026	1886	1754	1512	1296	1097	917	763	363
DROP INCHES		.00	-.64	-2.66	-11.27	-26.77	-50.32	-83.40	127.85	-475.46
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-4.44	-15.78	-35.18	-64.08	104.38	-435.33
INCHES	(200 YDS)	-1.50	1.05	2.22	.00	-9.12	-26.29	-52.98	-91.05	-413.12
(ZERO RANGE)	(300 YDS)	-1.50	2.57	5.26	6.08	.00	-14.13	-37.78	-72.81	-382.72
	(400 YDS)	-1.50	4.34	8.79	13.14	10.60	.00	-20.12	-51.62	-347.40
MPBR ZERO	(270 YDS)	-1.50	2.09	4.29	4.14	-2.90	-18.00	-42.62	-78.62	-392.40
WIND DRIFT	(10 MPH)	.00	.18	.74	3.09	7.21	13.34	21.90	33.20	113.56
INCHES	(20 MPH)	.00	.37	1.49	6.17	14.41	26.68	43.79	66.40	227.12

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

VELOCITY FPS		2500	2410	2323	2153	1990	1822	1663	1516	1060
ENERGY FT-LB		1873	1741	1617	1390	1188	995	829	689	337
DROP INCHES		.00	-.69	-2.88	-12.21	-29.04	-54.68	-90.81	139.53	-522.94
BULLET PATH	(100 YDS)	-1.50	.00	.00	-4.95	-17.39	-38.65	-70.40	114.73	-480.62
INCHES	(200 YDS)	-1.50	1.23	2.47	.00	-9.97	-28.76	-58.03	-99.90	-455.89
(ZERO RANGE)	(300 YDS)	-1.50	2.90	5.80	6.65	.00	-15.46	-41.41	-79.95	-422.65
	(400 YDS)	-1.50	4.83	9.66	14.38	11.59	.00	-22.09	-56.76	-384.00
MPBR ZERO	(260 YDS)	-1.50	2.20	4.40	3.85	-4.20	-21.05	-48.40	-88.34	-436.63
WIND DRIFT	(10 MPH)	.00	.19	.79	3.27	7.64	14.25	23.46	35.60	120.94
INCHES	(20 MPH)	.00	.39	1.58	6.54	15.29	28.50	46.93	71.19	241.88

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2400	2312	2227	2062	1895	1731	1579	1433	1026
ENERGY FT-LB		1726	1603	1487	1274	1076	898	747	615	315
DROP INCHES		.00	-.75	-3.13	-13.27	-31.61	-59.65	-99.31	152.94	-576.73
BULLET PATH	(100 YDS)	-1.50	.06	.00	-5.51	-19.22	-42.63	-77.66	126.66	-531.93
INCHES	(200 YDS)	-1.50	1.44	2.76	.00	-10.95	-31.61	-63.87	110.12	-504.36
(ZERO RANGE)	(300 YDS)	-1.50	3.27	6.41	7.30	.00	-17.00	-45.62	-88.22	-467.85
	(400 YDS)	-1.50	5.39	10.66	15.80	12.75	.00	-24.37	-62.71	-425.34
MPBR ZERO	(250 YDS)	-1.50	2.31	4.50	3.49	-5.71	-24.62	-55.14	-99.64	-486.89
WIND DRIFT	(10 MPH)	.00	.21	.84	3.47	8.16	15.31	25.24	38.30	128.43
INCHES	(20 MPH)	.00	.41	1.67	6.95	16.32	30.62	50.48	76.60	256.87