

.308 Dia., 220 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 435 YARDS. SET ZERO AT 365 YARDS.										
VELOCITY FPS		3500	3413	3329	3165	3007	2855	2708	2565	2038
ENERGY FT-LB		5983	5691	5413	4893	4417	3981	3581	3215	2030
DROP INCHES		.00	-.35	-1.45	-6.03	-14.09	-25.98	-42.14	-63.05	-206.08
BULLET PATH	(200 YDS)	-1.50	.03	.82	.00	-4.29	-12.42	-24.81	-41.95	-169.92
INCHES	(300 YDS)	-1.50	.75	2.25	2.86	.00	-6.70	-17.67	-33.37	-155.63
(ZERO RANGE)	(600 YDS)	-1.50	3.53	7.81	13.98	16.69	15.55	10.14	.00	-100.01
	(1000 YDS)	-1.50	8.53	17.81	33.98	46.69	55.55	60.15	60.00	.00
MPBR ZERO	(365 YDS)	-1.50	1.28	3.31	4.99	3.20	-2.43	-12.33	-26.97	-144.96
WIND DRIFT	(10 MPH)	.00	.09	.38	1.56	3.59	6.53	10.43	15.37	47.39
INCHES	(20 MPH)	.00	.19	.77	3.13	7.18	13.05	20.86	30.75	94.77

MAXIMUM POINT BLANK RANGE IS 420 YARDS. SET ZERO AT 355 YARDS.										
VELOCITY FPS		3400	3315	3233	3072	2918	2769	2624	2485	1967
ENERGY FT-LB		5646	5369	5105	4612	4159	3745	3365	3016	1890
DROP INCHES		.00	-.37	-1.53	-6.39	-14.94	-27.56	-44.71	-66.91	-219.19
BULLET PATH	(200 YDS)	-1.50	.10	.91	.00	-4.59	-13.27	-26.48	-44.73	-181.22
INCHES	(300 YDS)	-1.50	.87	2.44	3.06	.00	-7.14	-18.82	-35.54	-165.90
(ZERO RANGE)	(600 YDS)	-1.50	3.83	8.37	14.91	17.77	16.55	10.80	.00	-106.66
	(1000 YDS)	-1.50	9.16	19.03	36.24	49.77	59.22	64.13	64.00	.00
MPBR ZERO	(355 YDS)	-1.50	1.35	3.40	4.98	2.87	-3.32	-14.04	-29.80	-156.34
WIND DRIFT	(10 MPH)	.00	.10	.40	1.62	3.72	6.77	10.82	15.96	49.37
INCHES	(20 MPH)	.00	.20	.79	3.24	7.44	13.53	21.64	31.93	98.74

MAXIMUM POINT BLANK RANGE IS 410 YARDS. SET ZERO AT 345 YARDS.										
VELOCITY FPS		3300	3217	3137	2980	2829	2682	2541	2404	1896
ENERGY FT-LB		5318	5057	4806	4338	3909	3515	3154	2823	1756
DROP INCHES		.00	-.40	-1.63	-6.79	-15.87	-29.28	-47.53	-71.16	-233.65
BULLET PATH	(200 YDS)	-1.50	.18	1.02	.00	-4.93	-14.20	-28.31	-47.79	-193.70
INCHES	(300 YDS)	-1.50	1.00	2.66	3.29	.00	-7.63	-20.09	-37.93	-177.27
(ZERO RANGE)	(600 YDS)	-1.50	4.16	8.98	15.93	18.97	17.66	11.52	.00	-114.05
	(1000 YDS)	-1.50	9.86	20.39	38.74	53.18	63.28	68.54	68.43	.00
MPBR ZERO	(345 YDS)	-1.50	1.41	3.49	4.95	2.49	-4.30	-15.93	-32.94	-168.96
WIND DRIFT	(10 MPH)	.00	.10	.41	1.68	3.86	7.03	11.25	16.61	51.55
INCHES	(20 MPH)	.00	.20	.82	3.36	7.73	14.06	22.50	33.23	103.10

MAXIMUM POINT BLANK RANGE IS 400 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3200	3119	3040	2887	2739	2596	2457	2322	1824
ENERGY FT-LB		5001	4753	4516	4072	3665	3291	2949	2634	1626
DROP INCHES		.00	-.42	-1.73	-7.23	-16.89	-31.18	-50.63	-75.85	-249.67
BULLET PATH	(200 YDS)	-1.50	.26	1.13	.00	-5.30	-15.23	-30.32	-51.17	-207.55
INCHES	(300 YDS)	-1.50	1.14	2.90	3.53	.00	-8.17	-21.49	-40.57	-189.88
(ZERO RANGE)	(600 YDS)	-1.50	4.52	9.66	17.06	20.29	18.88	12.32	.00	-122.26
	(1000 YDS)	-1.50	10.64	21.88	41.51	56.96	67.79	73.45	73.36	.00
MPBR ZERO	(335 YDS)	-1.50	1.49	3.58	4.91	2.06	-5.41	-18.05	-36.44	-183.00
WIND DRIFT	(10 MPH)	.00	.11	.43	1.75	4.02	7.32	11.73	17.33	53.95
INCHES	(20 MPH)	.00	.21	.85	3.49	8.04	14.64	23.45	34.66	107.89

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.										
VELOCITY FPS		3100	3021	2944	2794	2649	2508	2372	2240	1753
ENERGY FT-LB		4693	4459	4234	3813	3428	3074	2749	2452	1501
DROP INCHES		.00	-.45	-1.85	-7.70	-18.01	-33.27	-54.06	-81.02	-267.47
BULLET PATH	(200 YDS)	-1.50	.35	1.25	.00	-5.71	-16.37	-32.55	-54.91	-222.95
INCHES	(300 YDS)	-1.50	1.30	3.16	3.80	.00	-8.76	-23.04	-43.49	-203.93
(ZERO RANGE)	(600 YDS)	-1.50	4.93	10.41	18.30	21.75	20.24	13.21	.00	-131.44
	(1000 YDS)	-1.50	11.50	23.55	44.59	61.18	72.81	78.93	78.86	.00
MPBR ZERO	(325 YDS)	-1.50	1.57	3.68	4.85	1.57	-6.66	-20.42	-40.35	-198.68
WIND DRIFT	(10 MPH)	.00	.11	.44	1.82	4.19	7.64	12.25	18.12	56.59
INCHES	(20 MPH)	.00	.22	.89	3.64	8.39	15.28	24.50	36.23	113.17

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3000	2923	2848	2701	2559	2421	2287	2158	1682
ENERGY FT-LB		4395	4173	3961	3563	3198	2863	2556	2275	1382
DROP INCHES		.00	-.48	-1.97	-8.23	-19.26	-35.59	-57.85	-86.76	-287.30

BULLET PATH	(200 YDS)	-1.50	.45	1.39	.00	-6.16	-17.62	-35.02	-59.06	-240.14
INCHES	(300 YDS)	-1.50	1.48	3.45	4.10	.00	-9.41	-24.76	-46.74	-219.61
(ZERO RANGE)	(600 YDS)	-1.50	5.38	11.24	19.69	23.37	21.75	14.20	.00	-141.71
	(1000 YDS)	-1.50	12.46	25.41	48.03	65.88	78.43	85.05	85.02	.00
MPBR ZERO	(315 YDS)	-1.50	1.65	3.78	4.78	1.01	-8.07	-23.08	-44.73	-216.25
WIND DRIFT	(10 MPH)	.00	.11	.46	1.90	4.38	7.99	12.83	18.99	59.49
INCHES	(20 MPH)	.00	.23	.93	3.80	8.77	15.99	25.66	37.98	118.98

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 365 YARDS. SET ZERO AT 305 YARDS.

VELOCITY FPS		2900	2825	2751	2607	2468	2333	2202	2076	1610
ENERGY FT-LB		4107	3898	3697	3321	2976	2659	2370	2105	1267
DROP INCHES		.00	-.51	-2.11	-8.82	-20.63	-38.16	-62.06	-93.14	-309.47
BULLET PATH	(200 YDS)	-1.50	.57	1.55	.00	-6.66	-19.02	-37.77	-63.69	-259.39
INCHES	(300 YDS)	-1.50	1.68	3.77	4.44	.00	-10.14	-26.67	-50.37	-237.19
(ZERO RANGE)	(600 YDS)	-1.50	5.87	12.16	21.23	25.18	23.43	15.30	.00	-153.25
	(1000 YDS)	-1.50	13.54	27.48	51.88	71.16	84.73	91.92	91.95	.00
MPBR ZERO	(305 YDS)	-1.50	1.74	3.89	4.68	.36	-9.66	-26.07	-49.65	-235.99
WIND DRIFT	(10 MPH)	.00	.12	.49	1.99	4.59	8.39	13.47	19.95	62.70
INCHES	(20 MPH)	.00	.24	.97	3.98	9.19	16.77	26.94	39.90	125.39

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

VELOCITY FPS		2800	2726	2654	2514	2377	2245	2117	1993	1540
ENERGY FT-LB		3829	3631	3442	3087	2761	2463	2190	1940	1158
DROP INCHES		.00	-.55	-2.27	-9.47	-22.17	-41.02	-66.76	100.26	-334.36
BULLET PATH	(200 YDS)	-1.50	.69	1.72	.00	-7.22	-20.58	-40.85	-68.86	-281.03
INCHES	(300 YDS)	-1.50	1.89	4.12	4.81	.00	-10.96	-28.82	-54.43	-256.97
(ZERO RANGE)	(600 YDS)	-1.50	6.43	13.19	22.95	27.21	25.32	16.54	.00	-166.26
	(1000 YDS)	-1.50	14.74	29.82	56.21	77.09	91.83	99.67	99.75	.00
MPBR ZERO	(295 YDS)	-1.50	1.83	3.99	4.55	-.39	-11.48	-29.46	-55.20	-258.26
WIND DRIFT	(10 MPH)	.00	.13	.51	2.09	4.83	8.82	14.18	21.02	66.24
INCHES	(20 MPH)	.00	.25	1.02	4.18	9.66	17.64	28.36	42.05	132.47

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

VELOCITY FPS		2700	2628	2557	2420	2286	2157	2031	1910	1471
ENERGY FT-LB		3560	3374	3195	2860	2554	2273	2016	1782	1057
DROP INCHES		.00	-.59	-2.44	-10.19	-23.88	-44.22	-72.03	108.26	-362.42
BULLET PATH	(200 YDS)	-1.50	.83	1.91	.00	-7.84	-22.33	-44.29	-74.68	-305.45
INCHES	(300 YDS)	-1.50	2.14	4.52	5.23	.00	-11.88	-31.22	-59.00	-279.31
(ZERO RANGE)	(600 YDS)	-1.50	7.06	14.35	24.89	29.50	27.45	17.94	.00	-180.99
	(1000 YDS)	-1.50	16.10	32.45	61.09	83.79	99.85	108.43	108.59	.00
MPBR ZERO	(285 YDS)	-1.50	1.93	4.10	4.39	-1.25	-13.55	-33.31	-61.50	-283.49
WIND DRIFT	(10 MPH)	.00	.13	.54	2.20	5.09	9.31	14.97	22.21	70.13
INCHES	(20 MPH)	.00	.26	1.07	4.40	10.18	18.61	29.94	44.43	140.26

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 275 YARDS.

VELOCITY FPS		2600	2530	2461	2326	2195	2069	1946	1827	1404
ENERGY FT-LB		3301	3126	2958	2643	2354	2091	1849	1631	963
DROP INCHES		.00	-.64	-2.63	-11.00	-25.80	-47.81	-77.94	117.26	-394.15
BULLET PATH	(200 YDS)	-1.50	.99	2.12	.00	-8.55	-24.30	-48.18	-81.24	-333.12
INCHES	(300 YDS)	-1.50	2.41	4.97	5.70	.00	-12.91	-33.94	-64.15	-304.64
(ZERO RANGE)	(600 YDS)	-1.50	7.76	15.66	27.08	32.08	29.86	19.52	.00	-197.72
	(1000 YDS)	-1.50	17.64	35.43	66.62	91.39	108.95	118.38	118.63	.00
MPBR ZERO	(275 YDS)	-1.50	2.04	4.22	4.19	-2.26	-15.92	-37.70	-68.66	-312.16
WIND DRIFT	(10 MPH)	.00	.14	.57	2.33	5.38	9.84	15.85	23.54	74.39
INCHES	(20 MPH)	.00	.28	1.13	4.65	10.76	19.69	31.70	47.08	148.79

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

VELOCITY FPS		2500	2431	2364	2232	2104	1980	1860	1746	1340
ENERGY FT-LB		3052	2887	2729	2433	2163	1915	1691	1489	877
DROP INCHES		.00	-.69	-2.85	-11.92	-27.97	-51.87	-84.63	127.44	-430.12
BULLET PATH	(200 YDS)	-1.50	1.16	2.36	.00	-9.34	-26.53	-52.58	-88.68	-364.52
INCHES	(300 YDS)	-1.50	2.72	5.47	6.23	.00	-14.08	-37.02	-70.00	-333.39
(ZERO RANGE)	(600 YDS)	-1.50	8.55	17.14	29.56	35.00	32.59	21.32	.00	-216.72
	(1000 YDS)	-1.50	19.39	38.81	72.90	100.02	119.28	129.68	130.03	.00
MPBR ZERO	(265 YDS)	-1.50	2.15	4.33	3.94	-3.42	-18.64	-42.73	-76.85	-344.81
WIND DRIFT	(10 MPH)	.00	.15	.60	2.46	5.70	10.45	16.83	25.01	79.03
INCHES	(20 MPH)	.00	.30	1.20	4.93	11.41	20.89	33.66	50.01	158.05

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

VELOCITY FPS		2400	2333	2267	2138	2013	1892	1776	1664	1279
ENERGY FT-LB		2813	2658	2510	2233	1979	1749	1541	1353	799
DROP INCHES		.00	-.75	-3.09	-12.95	-30.41	-56.45	-92.21	138.98	-470.92
BULLET PATH	(200 YDS)	-1.50	1.36	2.63	.00	-10.24	-29.05	-57.58	-97.13	-400.16
INCHES	(300 YDS)	-1.50	3.07	6.04	6.82	.00	-15.40	-40.52	-76.65	-366.04
(ZERO RANGE)	(600 YDS)	-1.50	9.46	18.82	32.38	38.33	35.70	23.36	.00	-238.29
	(1000 YDS)	-1.50	21.37	42.65	80.03	109.81	131.01	142.50	142.97	.00
MPBR ZERO	(255 YDS)	-1.50	2.27	4.45	3.63	-4.79	-21.79	-48.50	-86.23	-382.00
WIND DRIFT	(10 MPH)	.00	.16	.64	2.62	6.06	11.11	17.91	26.62	83.98
INCHES	(20 MPH)	.00	.31	1.27	5.23	12.12	22.23	35.83	53.24	167.97

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2300	2234	2170	2044	1922	1804	1692	1583	1222
ENERGY FT-LB		2583	2438	2300	2041	1804	1591	1399	1224	730
DROP INCHES		.00	-.82	-3.37	-14.12	-33.20	-61.68	100.85	152.15	-517.40
BULLET PATH	(200 YDS)	-1.50	1.59	2.94	.00	-11.26	-31.94	-63.29	106.78	-440.77
INCHES	(300 YDS)	-1.50	3.47	6.70	7.51	.00	-16.92	-44.52	-84.26	-403.23
(ZERO RANGE)	(600 YDS)	-1.50	10.49	20.74	35.59	42.13	39.25	25.70	.00	-262.81
	(1000 YDS)	-1.50	23.63	47.02	88.15	120.97	144.37	157.10	157.68	.00
MPBR ZERO	(245 YDS)	-1.50	2.40	4.56	3.25	-6.39	-25.44	-55.17	-97.04	-424.54
WIND DRIFT	(10 MPH)	.00	.17	.68	2.79	6.47	11.86	19.12	28.42	89.24
INCHES	(20 MPH)	.00	.33	1.35	5.57	12.93	23.72	38.23	56.84	178.49

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

VELOCITY FPS		2200	2136	2073	1950	1831	1718	1608	1504	1170
ENERGY FT-LB		2363	2228	2099	1857	1638	1441	1263	1104	669
DROP INCHES		.00	-.89	-3.69	-15.46	-36.39	-67.67	110.74	167.26	-570.36
BULLET PATH	(200 YDS)	-1.50	1.85	3.30	.00	-12.44	-35.24	-69.83	117.87	-487.04
INCHES	(300 YDS)	-1.50	3.92	7.44	8.29	.00	-18.66	-49.10	-92.99	-445.57
(ZERO RANGE)	(600 YDS)	-1.50	11.67	22.94	39.29	46.50	43.34	28.39	.00	-290.59
	(1000 YDS)	-1.50	26.20	52.00	97.41	133.67	159.57	173.69	174.35	.00
MPBR ZERO	(235 YDS)	-1.50	2.54	4.68	2.77	-8.28	-29.70	-62.91	109.56	-473.19
WIND DRIFT	(10 MPH)	.00	.18	.72	2.98	6.92	12.69	20.45	30.41	94.71
INCHES	(20 MPH)	.00	.36	1.44	5.96	13.84	25.37	40.91	60.83	189.41

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

VELOCITY FPS		2100	2037	1975	1856	1741	1631	1525	1427	1124
ENERGY FT-LB		2153	2027	1906	1683	1481	1299	1136	995	617
DROP INCHES		.00	-.98	-4.05	-17.01	-40.06	-74.57	122.15	184.71	-630.64
BULLET PATH	(200 YDS)	-1.50	2.15	3.70	.00	-13.79	-39.05	-77.38	130.69	-539.59
INCHES	(300 YDS)	-1.50	4.45	8.30	9.20	.00	-20.66	-54.39	103.10	-493.61
(ZERO RANGE)	(600 YDS)	-1.50	13.04	25.48	43.56	51.55	48.07	31.53	.00	-321.78
	(1000 YDS)	-1.50	29.13	57.66	107.92	148.08	176.78	192.41	193.07	.00
MPBR ZERO	(225 YDS)	-1.50	2.69	4.79	2.18	-10.52	-34.69	-71.93	124.15	-528.69
WIND DRIFT	(10 MPH)	.00	.19	.78	3.21	7.43	13.61	21.94	32.60	100.21
INCHES	(20 MPH)	.00	.38	1.56	6.41	14.86	27.22	43.89	65.19	200.42

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2000	1939	1879	1763	1652	1545	1445	1354	1083
ENERGY FT-LB		1953	1836	1725	1519	1333	1167	1021	895	573
DROP INCHES		.00	-1.08	-4.47	-18.78	-44.27	-82.50	135.30	204.76	-698.64
BULLET PATH	(200 YDS)	-1.50	2.49	4.17	.00	-15.35	-43.43	-86.09	145.41	-598.72
INCHES	(300 YDS)	-1.50	5.05	9.29	10.23	.00	-22.97	-60.51	114.72	-547.56
(ZERO RANGE)	(600 YDS)	-1.50	14.61	28.41	48.47	57.36	53.51	35.09	.00	-356.37
	(1000 YDS)	-1.50	32.43	64.04	119.74	164.27	196.06	213.27	213.82	.00
MPBR ZERO	(215 YDS)	-1.50	2.85	4.89	1.45	-13.18	-40.54	-82.48	141.08	-591.49
WIND DRIFT	(10 MPH)	.00	.21	.83	3.43	7.95	14.60	23.53	34.88	105.43
INCHES	(20 MPH)	.00	.41	1.67	6.87	15.91	29.19	47.05	69.76	210.86

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

VELOCITY FPS		1900	1841	1783	1671	1563	1462	1369	1284	1047
ENERGY FT-LB		1763	1655	1553	1364	1194	1044	915	805	535
DROP INCHES		.00	-1.20	-4.96	-20.85	-49.18	-91.76	150.62	228.04	-775.62
BULLET PATH	(200 YDS)	-1.50	2.89	4.72	.00	-17.16	-48.57	-96.26	162.50	-665.39
INCHES	(300 YDS)	-1.50	5.75	10.44	11.44	.00	-25.68	-67.65	128.17	-608.18

(ZERO RANGE)	(600 YDS)	-1.50	16.43	31.80	54.17	64.09	59.77	39.16	.00	-394.56
	(1000 YDS)	-1.50	36.16	71.26	133.08	182.46	217.59	236.44	236.74	.00
MPBR ZERO	(200 YDS)	-1.50	2.89	4.72	.00	-17.16	-48.57	-96.26	162.50	-665.39
WIND DRIFT	(10 MPH)	.00	.22	.89	3.68	8.56	15.69	25.23	37.28	110.20
INCHES	(20 MPH)	.00	.44	1.79	7.36	17.11	31.38	50.45	74.55	220.39

MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		1800	1743	1687	1578	1476	1382	1296	1219	1015
ENERGY FT-LB		1582	1484	1391	1217	1065	933	820	726	503
DROP INCHES		.00	-1.33	-5.53	-23.27	-54.97	102.65	168.54	255.15	-862.46
BULLET PATH	(200 YDS)	-1.50	3.36	5.36	.00	-19.32	-54.62	108.13	182.35	-740.13
INCHES	(300 YDS)	-1.50	6.58	11.80	12.88	.00	-28.86	-75.93	143.71	-675.74
(ZERO RANGE)	(600 YDS)	-1.50	18.55	35.75	60.78	71.86	66.95	43.83	.00	-436.22
	(1000 YDS)	-1.50	40.36	79.37	148.03	202.72	241.43	261.94	261.73	.00
MPBR ZERO	(190 YDS)	-1.50	3.06	4.76	-1.19	-21.11	-57.00	111.11	185.92	-746.09
WIND DRIFT	(10 MPH)	.00	.24	.96	3.98	9.23	16.87	27.01	39.70	114.22
INCHES	(20 MPH)	.00	.47	1.92	7.95	18.46	33.74	54.02	79.41	228.44