

# .311 Dia., 174 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 320 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		2600	2511	2425	2257	2095	1939	1790	1646	1189
ENERGY FT-LB		2611	2437	2272	1969	1696	1452	1238	1047	546
DROP INCHES		.00	-.64	-2.66	-11.23	-26.63	-49.95	-82.52	125.97	-454.00
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-4.41	-15.65	-34.82	-63.23	102.52	-413.92
INCHES	(200 YDS)	-1.50	1.04	2.21	.00	-9.03	-25.99	-52.20	-89.28	-391.85
(ZERO RANGE)	(300 YDS)	-1.50	2.55	5.22	6.02	.00	-13.95	-37.15	-71.22	-361.75
	(400 YDS)	-1.50	4.29	8.70	13.00	10.46	.00	-19.71	-50.30	-326.88
MPBR ZERO	(270 YDS)	-1.50	2.07	4.26	4.11	-2.87	-17.78	-41.93	-76.96	-371.32
WIND DRIFT	(10 MPH)	.00	.18	.72	2.97	6.94	12.83	20.86	31.30	102.33
INCHES	(20 MPH)	.00	.35	1.44	5.95	13.88	25.65	41.71	62.61	204.67

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		2500	2413	2329	2164	2005	1853	1707	1569	1144
ENERGY FT-LB		2414	2250	2095	1810	1554	1327	1126	951	505
DROP INCHES		.00	-.69	-2.88	-12.17	-28.88	-54.25	-89.74	137.18	-496.46
BULLET PATH	(100 YDS)	-1.50	.00	.00	-4.91	-17.25	-38.24	-69.36	112.42	-454.19
INCHES	(200 YDS)	-1.50	1.22	2.46	.00	-9.88	-28.41	-57.08	-97.68	-429.63
(ZERO RANGE)	(300 YDS)	-1.50	2.87	5.75	6.59	.00	-15.24	-40.61	-77.92	-396.69
	(400 YDS)	-1.50	4.77	9.56	14.21	11.43	.00	-21.56	-55.06	-358.60
MPBR ZERO	(260 YDS)	-1.50	2.18	4.37	3.82	-4.15	-20.77	-47.53	-86.22	-410.54
WIND DRIFT	(10 MPH)	.00	.19	.76	3.15	7.37	13.64	22.19	33.33	108.20
INCHES	(20 MPH)	.00	.37	1.52	6.30	14.74	27.27	44.38	66.67	216.39

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		2400	2315	2233	2071	1916	1768	1626	1493	1103
ENERGY FT-LB		2225	2071	1926	1657	1418	1208	1021	862	470
DROP INCHES		.00	-.75	-3.12	-13.23	-31.44	-59.12	-97.95	149.94	-544.24
BULLET PATH	(100 YDS)	-1.50	.06	.00	-5.48	-19.06	-42.12	-76.32	123.69	-499.50
INCHES	(200 YDS)	-1.50	1.43	2.74	.00	-10.85	-31.17	-62.63	107.26	-472.11
(ZERO RANGE)	(300 YDS)	-1.50	3.24	6.35	7.23	.00	-16.71	-44.55	-85.56	-435.95
	(400 YDS)	-1.50	5.33	10.53	15.58	12.53	.00	-23.67	-60.50	-394.19
MPBR ZERO	(250 YDS)	-1.50	2.30	4.47	3.46	-5.65	-24.24	-53.97	-96.87	-454.79
WIND DRIFT	(10 MPH)	.00	.20	.81	3.35	7.85	14.53	23.68	35.57	114.19
INCHES	(20 MPH)	.00	.40	1.61	6.71	15.71	29.07	47.35	71.14	228.37

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 240 YARDS.										
VELOCITY FPS		2300	2217	2136	1978	1827	1682	1546	1420	1068
ENERGY FT-LB		2043	1899	1763	1512	1290	1093	923	779	440
DROP INCHES		.00	-.82	-3.41	-14.44	-34.36	-64.70	107.34	164.57	-598.07
BULLET PATH	(100 YDS)	-1.50	.13	.00	-6.12	-21.14	-46.58	-84.31	136.64	-550.52
INCHES	(200 YDS)	-1.50	1.66	3.06	.00	-11.95	-34.33	-69.00	118.27	-519.90
(ZERO RANGE)	(300 YDS)	-1.50	3.66	7.05	7.97	.00	-18.39	-49.08	-94.36	-480.06
	(400 YDS)	-1.50	5.95	11.64	17.16	13.79	.00	-26.09	-66.77	-434.08
MPBR ZERO	(240 YDS)	-1.50	2.42	4.58	3.03	-7.41	-28.27	-61.43	109.18	-504.75
WIND DRIFT	(10 MPH)	.00	.21	.86	3.59	8.40	15.55	25.34	38.03	120.22
INCHES	(20 MPH)	.00	.42	1.72	7.17	16.80	31.10	50.68	76.05	240.43

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 230 YARDS.										
VELOCITY FPS		2200	2118	2039	1885	1738	1598	1468	1350	1036
ENERGY FT-LB		1869	1734	1606	1373	1167	986	832	704	414
DROP INCHES		.00	-.90	-3.73	-15.82	-37.71	-71.11	118.16	181.38	-658.48
BULLET PATH	(100 YDS)	-1.50	.22	.00	-6.87	-23.52	-51.70	-93.52	151.51	-607.70
INCHES	(200 YDS)	-1.50	1.93	3.43	.00	-13.22	-37.97	-76.35	130.91	-573.36
(ZERO RANGE)	(300 YDS)	-1.50	4.14	7.84	8.81	.00	-20.34	-54.31	104.47	-529.29
	(400 YDS)	-1.50	6.68	12.93	18.98	15.25	.00	-28.89	-73.96	-478.45
MPBR ZERO	(230 YDS)	-1.50	2.56	4.68	2.49	-9.48	-32.98	-70.12	123.43	-560.90
WIND DRIFT	(10 MPH)	.00	.23	.93	3.85	9.01	16.70	27.18	40.69	126.10
INCHES	(20 MPH)	.00	.46	1.86	7.71	18.02	33.39	54.36	81.38	252.19

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 220 YARDS.										
VELOCITY FPS		2100	2020	1943	1794	1650	1516	1394	1285	1007
ENERGY FT-LB		1703	1577	1459	1244	1052	888	750	638	392
DROP INCHES		.00	-.98	-4.10	-17.40	-41.53	-78.43	130.50	200.48	-725.19

BULLET PATH	(100 YDS)	-1.50	.31	.00	-7.71	-26.24	-57.54	104.02	168.40	-670.73
INCHES	(200 YDS)	-1.50	2.24	3.86	.00	-14.67	-42.12	-84.74	145.27	-632.18
(ZERO RANGE)	(300 YDS)	-1.50	4.69	8.75	9.78	.00	-22.56	-60.28	115.92	-583.27
	( 400 YDS)	-1.50	7.51	14.39	21.06	16.92	.00	-32.09	-82.08	-526.87
MPBR ZERO	(220 YDS)	-1.50	2.70	4.77	1.83	-11.93	-38.46	-80.17	139.78	-623.03
WIND DRIFT	(10 MPH)	.00	.24	.99	4.12	9.66	17.90	29.09	43.42	131.44
INCHES	(20 MPH)	.00	.49	1.99	8.24	19.32	35.80	58.17	86.84	262.88