

.243 Dia., 70 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3800	3578	3367	3167	2976	2793	2616	2283	1984
ENERGY FT-LB		2244	1989	1762	1559	1376	1212	1064	810	612
DROP INCHES		.00	-.31	-1.30	-3.05	-5.67	-9.27	-13.99	-27.41	-47.54
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.36	-1.58	-3.78	-7.10	-17.73	-35.06
INCHES	(200 YDS)	-1.50	-.02	.79	.83	.00	-1.81	-4.73	-14.57	-31.12
(ZERO RANGE)	(300 YDS)	-1.50	.77	2.37	3.19	3.15	2.13	.00	-8.26	-23.23
	(400 YDS)	-1.50	1.81	4.43	6.29	7.28	7.30	6.20	.00	-12.90
MPBR ZERO	(275 YDS)	-1.50	.55	1.92	2.53	2.27	1.03	-1.33	-10.03	-25.44
WIND DRIFT	(10 MPH)	.00	.21	.87	2.01	3.66	5.87	8.68	16.39	27.32
INCHES	(20 MPH)	.00	.43	1.74	4.02	7.32	11.73	17.37	32.78	54.64

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		3700	3483	3277	3081	2894	2714	2540	2212	1922
ENERGY FT-LB		2127	1885	1669	1475	1301	1144	1003	760	574
DROP INCHES		.00	-.33	-1.37	-3.22	-5.99	-9.79	-14.77	-28.98	-50.32
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.42	-1.75	-4.12	-7.67	-19.01	-37.49
INCHES	(200 YDS)	-1.50	.05	.87	.90	.00	-1.93	-5.05	-15.51	-33.11
(ZERO RANGE)	(300 YDS)	-1.50	.89	2.56	3.42	3.36	2.27	.00	-8.78	-24.70
	(400 YDS)	-1.50	1.98	4.75	6.71	7.76	7.76	6.59	.00	-13.72
MPBR ZERO	(270 YDS)	-1.50	.61	2.00	2.58	2.24	.87	-1.68	-11.03	-27.50
WIND DRIFT	(10 MPH)	.00	.22	.90	2.07	3.77	6.06	8.98	16.98	28.32
INCHES	(20 MPH)	.00	.44	1.80	4.14	7.55	12.12	17.95	33.96	56.63

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		3600	3388	3187	2995	2811	2634	2463	2143	1860
ENERGY FT-LB		2014	1784	1578	1394	1228	1078	943	714	537
DROP INCHES		.00	-.34	-1.45	-3.40	-6.33	-10.35	-15.63	-30.70	-53.37
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.48	-1.94	-4.49	-8.30	-20.42	-40.14
INCHES	(200 YDS)	-1.50	.11	.97	.97	.00	-2.07	-5.39	-16.54	-35.30
(ZERO RANGE)	(300 YDS)	-1.50	1.01	2.77	3.66	3.59	2.42	.00	-9.36	-26.32
	(400 YDS)	-1.50	2.18	5.10	7.17	8.27	8.27	7.02	.00	-14.62
MPBR ZERO	(260 YDS)	-1.50	.62	1.98	2.48	2.02	.46	-2.36	-12.50	-30.25
WIND DRIFT	(10 MPH)	.00	.23	.93	2.14	3.90	6.27	9.30	17.62	29.40
INCHES	(20 MPH)	.00	.45	1.85	4.28	7.80	12.54	18.60	35.24	58.79

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		3500	3293	3096	2908	2728	2553	2386	2075	1797
ENERGY FT-LB		1903	1685	1490	1315	1156	1013	884	669	502
DROP INCHES		.00	-.36	-1.53	-3.60	-6.70	-10.97	-16.57	-32.58	-56.71
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.56	-2.14	-4.89	-8.98	-21.96	-43.07
INCHES	(200 YDS)	-1.50	.19	1.07	1.05	.00	-2.22	-5.77	-17.68	-37.71
(ZERO RANGE)	(300 YDS)	-1.50	1.15	2.99	3.93	3.85	2.59	.00	-9.99	-28.10
	(400 YDS)	-1.50	2.40	5.49	7.68	8.84	8.83	7.49	.00	-15.61
MPBR ZERO	(255 YDS)	-1.50	.68	2.05	2.53	1.97	.24	-2.82	-13.74	-32.79
WIND DRIFT	(10 MPH)	.00	.23	.96	2.21	4.04	6.50	9.65	18.31	30.57
INCHES	(20 MPH)	.00	.47	1.92	4.42	8.08	13.00	19.30	36.62	61.13

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3400	3198	3006	2821	2644	2473	2308	2006	1735
ENERGY FT-LB		1796	1589	1404	1237	1086	950	827	625	467
DROP INCHES		.00	-.39	-1.62	-3.82	-7.11	-11.64	-17.60	-34.65	-60.39
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.64	-2.37	-5.34	-9.73	-23.66	-46.28
INCHES	(200 YDS)	-1.50	.27	1.18	1.14	.00	-2.38	-6.18	-18.93	-40.37
(ZERO RANGE)	(300 YDS)	-1.50	1.30	3.24	4.23	4.12	2.77	.00	-10.69	-30.06
	(400 YDS)	-1.50	2.63	5.92	8.24	9.47	9.45	8.02	.00	-16.70
MPBR ZERO	(250 YDS)	-1.50	.74	2.14	2.57	1.90	.00	-3.33	-15.12	-35.61
WIND DRIFT	(10 MPH)	.00	.24	.99	2.29	4.19	6.75	10.04	19.06	31.84
INCHES	(20 MPH)	.00	.48	1.98	4.58	8.38	13.50	20.08	38.12	63.67

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3300	3103	2914	2733	2559	2391	2229	1938	1673
ENERGY FT-LB		1692	1496	1320	1161	1018	888	772	583	435
DROP INCHES		.00	-.41	-1.72	-4.06	-7.56	-12.38	-18.73	-36.93	-64.45
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.72	-2.61	-5.83	-10.56	-25.54	-49.84
INCHES	(200 YDS)	-1.50	.35	1.31	1.23	.00	-2.56	-6.65	-20.32	-43.31
(ZERO RANGE)	(300 YDS)	-1.50	1.46	3.52	4.56	4.43	2.98	.00	-11.46	-32.23
	(400 YDS)	-1.50	2.89	6.39	8.85	10.16	10.14	8.59	.00	-17.91
MPBR ZERO	(240 YDS)	-1.50	.76	2.11	2.44	1.61	-.55	-4.23	-17.09	-39.28
WIND DRIFT	(10 MPH)	.00	.25	1.03	2.38	4.36	7.03	10.47	19.88	33.21
INCHES	(20 MPH)	.00	.50	2.06	4.76	8.72	14.06	20.93	39.75	66.42

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		3200	3007	2823	2645	2474	2309	2153	1868	1611
ENERGY FT-LB		1591	1405	1238	1087	951	828	720	542	403
DROP INCHES		.00	-.44	-1.83	-4.32	-8.05	-13.20	-19.98	-39.45	-68.94
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.82	-2.89	-6.37	-11.48	-27.62	-53.78
INCHES	(200 YDS)	-1.50	.45	1.44	1.34	.00	-2.76	-7.16	-21.85	-46.56
(ZERO RANGE)	(300 YDS)	-1.50	1.64	3.83	4.92	4.77	3.20	.00	-12.31	-34.64
	(400 YDS)	-1.50	3.18	6.90	9.54	10.92	10.89	9.23	.00	-19.25
MPBR ZERO	(235 YDS)	-1.50	.83	2.20	2.47	1.51	-.88	-4.89	-18.83	-42.79
WIND DRIFT	(10 MPH)	.00	.26	1.07	2.48	4.55	7.34	10.94	20.76	34.70
INCHES	(20 MPH)	.00	.52	2.14	4.96	9.10	14.69	21.87	41.52	69.41

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3100	2911	2731	2556	2388	2227	2077	1800	1550
ENERGY FT-LB		1493	1317	1159	1015	886	770	671	503	373
DROP INCHES		.00	-.46	-1.96	-4.61	-8.60	-14.11	-21.37	-42.24	-73.92
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.93	-3.19	-6.97	-12.50	-29.92	-58.14
INCHES	(200 YDS)	-1.50	.56	1.59	1.46	.00	-2.99	-7.72	-23.55	-50.18
(ZERO RANGE)	(300 YDS)	-1.50	1.85	4.17	5.32	5.15	3.45	.00	-13.25	-37.30
	(400 YDS)	-1.50	3.50	7.48	10.29	11.77	11.73	9.94	.00	-20.74
MPBR ZERO	(230 YDS)	-1.50	.91	2.29	2.50	1.39	-1.25	-5.64	-20.77	-46.71
WIND DRIFT	(10 MPH)	.00	.27	1.12	2.59	4.76	7.69	11.45	21.72	36.32
INCHES	(20 MPH)	.00	.54	2.23	5.18	9.51	15.37	22.89	43.44	72.64

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3000	2816	2638	2467	2303	2147	2002	1731	1489
ENERGY FT-LB		1398	1232	1081	946	824	716	623	465	344
DROP INCHES		.00	-.50	-2.09	-4.93	-9.20	-15.11	-22.91	-45.34	-79.45
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-1.05	-3.52	-7.64	-13.64	-32.48	-63.00
INCHES	(200 YDS)	-1.50	.68	1.76	1.59	.00	-3.23	-8.35	-25.44	-54.20
(ZERO RANGE)	(300 YDS)	-1.50	2.07	4.55	5.77	5.57	3.73	.00	-14.30	-40.27
	(400 YDS)	-1.50	3.86	8.12	11.13	12.72	12.66	10.72	.00	-22.40
MPBR ZERO	(220 YDS)	-1.50	.93	2.25	2.33	.99	-2.00	-6.88	-23.46	-51.73
WIND DRIFT	(10 MPH)	.00	.28	1.17	2.71	4.99	8.07	12.00	22.76	38.07
INCHES	(20 MPH)	.00	.57	2.34	5.43	9.98	16.13	23.99	45.53	76.13

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2900	2719	2545	2378	2217	2068	1926	1663	1430
ENERGY FT-LB		1306	1149	1007	878	763	664	576	429	318
DROP INCHES		.00	-.53	-2.24	-5.29	-9.88	-16.23	-24.62	-48.79	-85.62
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-1.18	-3.90	-8.38	-14.90	-35.33	-68.43
INCHES	(200 YDS)	-1.50	.81	1.95	1.74	.00	-3.51	-9.05	-27.54	-58.68
(ZERO RANGE)	(300 YDS)	-1.50	2.32	4.97	6.27	6.04	4.03	.00	-15.46	-43.59
	(400 YDS)	-1.50	4.25	8.83	12.07	13.77	13.70	11.60	.00	-24.26
MPBR ZERO	(215 YDS)	-1.50	1.01	2.35	2.34	.80	-2.52	-7.86	-25.94	-56.69
WIND DRIFT	(10 MPH)	.00	.30	1.23	2.85	5.25	8.47	12.60	23.90	39.96
INCHES	(20 MPH)	.00	.59	2.45	5.71	10.49	16.95	25.19	47.80	79.91

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2800	2622	2452	2288	2133	1989	1851	1595	1373
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ENERGY FT-LB		1218	1069	934	813	707	615	532	395	293
DROP INCHES		.00	-.57	-2.41	-5.69	-10.63	-17.48	-26.53	-52.64	-92.51
BULLET PATH	(100 YDS)	-1.50	-.12	.00	-1.33	-4.32	-9.21	-16.31	-38.51	-74.48
INCHES	(200 YDS)	-1.50	.96	2.16	1.91	.00	-3.82	-9.83	-29.88	-63.69
(ZERO RANGE)	(300 YDS)	-1.50	2.60	5.44	6.83	6.56	4.38	.00	-16.77	-47.30
	(400 YDS)	-1.50	4.70	9.63	13.11	14.94	14.86	12.58	.00	-26.34
MPBR ZERO	(205 YDS)	-1.50	1.03	2.30	2.12	.28	-3.46	-9.41	-29.31	-62.98
WIND DRIFT	(10 MPH)	.00	.31	1.29	3.01	5.53	8.92	13.24	25.13	41.98
INCHES	(20 MPH)	.00	.63	2.59	6.02	11.06	17.83	26.49	50.25	83.96

MAXIMUM POINT BLANK RANGE IS 235 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		2700	2526	2360	2199	2052	1911	1776	1529	1318
ENERGY FT-LB		1132	992	865	751	654	567	490	363	270
DROP INCHES		.00	-.61	-2.59	-6.13	-11.46	-18.86	-28.64	-56.90	-100.13
BULLET PATH	(100 YDS)	-1.50	-.07	.00	-1.49	-4.78	-10.13	-17.87	-42.04	-81.18
INCHES	(200 YDS)	-1.50	1.13	2.39	2.09	.00	-4.16	-10.69	-32.48	-69.23
(ZERO RANGE)	(300 YDS)	-1.50	2.91	5.96	7.44	7.13	4.75	.00	-18.22	-51.40
	(400 YDS)	-1.50	5.19	10.51	14.27	16.24	16.14	13.66	.00	-28.63
MPBR ZERO	(200 YDS)	-1.50	1.13	2.39	2.09	.00	-4.16	-10.69	-32.48	-69.23
WIND DRIFT	(10 MPH)	.00	.33	1.36	3.17	5.82	9.37	13.92	26.41	44.09
INCHES	(20 MPH)	.00	.66	2.73	6.35	11.64	18.74	27.84	52.83	88.18