

.308 Dia., 190 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE METERS		MUZZLE	50	100	150	200	250
MAXIMUM POINT BLANK RANGE IS 170 METERS. SET ZERO AT 140 METERS.							
VELOCITY FPS		2200	2117	2036	1956	1879	1803
ENERGY FT-LB		2041	1891	1749	1615	1489	1371
DROP INCHES		.00	-1.07	-4.46	-10.35	-18.96	-30.51
BULLET PATH (50 M)		-.80	.00	-1.52	-5.54	-12.27	-21.94
INCHES (100 M)		-.80	.76	.00	-3.26	-9.24	-18.15
(ZERO RANGE) (150 M)		-.80	1.85	2.17	.00	-4.89	-12.72
(200 M)		-.80	3.07	4.62	3.67	.00	-6.61
MPBR ZERO (140 M)		-.80	1.61	1.71	-.69	-5.81	-13.87
WIND DRIFT (10 MPH)		.00	.25	1.03	2.37	4.30	6.86
INCHES (20 MPH)		.00	.50	2.06	4.74	8.60	13.72

MAXIMUM POINT BLANK RANGE IS 160 METERS. SET ZERO AT 135 METERS.							
VELOCITY FPS		2100	2018	1939	1862	1787	1714
ENERGY FT-LB		1860	1719	1586	1462	1347	1239
DROP INCHES		.00	-1.18	-4.91	-11.39	-20.88	-33.62
BULLET PATH (50 M)		-.80	.00	-1.75	-6.26	-13.76	-24.52
INCHES (100 M)		-.80	.87	.00	-3.64	-10.27	-20.15
(ZERO RANGE) (150 M)		-.80	2.09	2.42	.00	-5.42	-14.09
(200 M)		-.80	3.44	5.13	4.06	.00	-7.32
MPBR ZERO (135 M)		-.80	1.70	1.66	-1.15	-6.95	-16.00
WIND DRIFT (10 MPH)		.00	.27	1.12	2.56	4.64	7.39
INCHES (20 MPH)		.00	.55	2.23	5.12	9.28	14.77

MAXIMUM POINT BLANK RANGE IS 150 METERS. SET ZERO AT 125 METERS.							
VELOCITY FPS		2000	1921	1844	1769	1697	1627
ENERGY FT-LB		1687	1556	1434	1321	1215	1116
DROP INCHES		.00	-1.30	-5.42	-12.59	-23.07	-37.17
BULLET PATH (50 M)		-.80	.00	-2.01	-7.08	-15.47	-27.46
INCHES (100 M)		-.80	1.01	.00	-4.06	-11.44	-22.43
(ZERO RANGE) (150 M)		-.80	2.36	2.71	.00	-6.03	-15.66
(200 M)		-.80	3.87	5.72	4.52	.00	-8.13
MPBR ZERO (125 M)		-.80	1.66	1.31	-2.10	-8.83	-19.16
WIND DRIFT (10 MPH)		.00	.29	1.20	2.74	4.97	7.90
INCHES (20 MPH)		.00	.59	2.39	5.48	9.93	15.81

MAXIMUM POINT BLANK RANGE IS 145 METERS. SET ZERO AT 120 METERS.							
VELOCITY FPS		1900	1823	1749	1677	1608	1540
ENERGY FT-LB		1522	1402	1291	1187	1091	1001
DROP INCHES		.00	-1.44	-6.01	-13.97	-25.62	-41.29
BULLET PATH (50 M)		-.80	.00	-2.32	-8.04	-17.45	-30.87
INCHES (100 M)		-.80	1.16	.00	-4.56	-12.80	-25.06
(ZERO RANGE) (150 M)		-.80	2.68	3.04	.00	-6.73	-17.47
(200 M)		-.80	4.36	6.40	5.05	.00	-9.06
MPBR ZERO (120 M)		-.80	1.74	1.17	-2.81	-10.47	-22.15
WIND DRIFT (10 MPH)		.00	.31	1.28	2.94	5.32	8.46
INCHES (20 MPH)		.00	.63	2.57	5.88	10.64	16.93

MAXIMUM POINT BLANK RANGE IS 140 METERS. SET ZERO AT 115 METERS.							
VELOCITY FPS		1800	1726	1655	1586	1519	1455
ENERGY FT-LB		1366	1257	1156	1062	974	893
DROP INCHES		.00	-1.61	-6.70	-15.59	-28.60	-46.13
BULLET PATH (50 M)		-.80	.00	-2.68	-9.16	-19.76	-34.88
INCHES (100 M)		-.80	1.34	.00	-5.13	-14.39	-28.17
(ZERO RANGE) (150 M)		-.80	3.05	3.42	.00	-7.55	-19.61
(200 M)		-.80	4.94	7.20	5.66	.00	-10.18
MPBR ZERO (115 M)		-.80	1.83	.98	-3.66	-12.43	-25.72
WIND DRIFT (10 MPH)		.00	.34	1.38	3.15	5.70	9.08
INCHES (20 MPH)		.00	.68	2.75	6.30	11.41	18.16

MAXIMUM POINT BLANK RANGE IS 135 METERS. SET ZERO AT 110 METERS.							
VELOCITY FPS		1700	1629	1561	1495	1432	1372
ENERGY FT-LB		1219	1120	1028	943	865	795
DROP INCHES		.00	-1.81	-7.52	-17.50	-32.15	-51.86
BULLET PATH	(50 M)	-80	.00	-3.11	-10.48	-22.53	-39.63
INCHES	(100 M)	-80	1.56	.00	-5.82	-16.30	-31.85
(ZERO RANGE)	(150 M)	-80	3.49	3.88	.00	-8.55	-22.16
	(200 M)	-80	5.63	8.15	6.41	.00	-11.47
MPBR ZERO	(110 M)	-80	1.92	.74	-4.71	-14.83	-30.01
WIND DRIFT	(10 MPH)	.00	.36	1.48	3.39	6.13	9.74
INCHES	(20 MPH)	.00	.72	2.95	6.77	12.26	19.48

RANGE METERS		MUZZLE	50	100	150	200	250
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MAXIMUM POINT BLANK RANGE IS 120 METERS. SET ZERO AT 100 METERS.							
VELOCITY FPS		1600	1532	1467	1406	1347	1293
ENERGY FT-LB		1079	990	908	833	766	705
DROP INCHES		.00	-2.04	-8.52	-19.84	-36.41	-58.69
BULLET PATH	(50 M)	-80	.00	-3.64	-12.11	-25.83	-45.28
INCHES	(100 M)	-80	1.82	.00	-6.65	-18.56	-36.19
(ZERO RANGE)	(150 M)	-80	4.04	4.44	.00	-9.69	-25.10
	(200 M)	-80	6.46	9.28	7.27	.00	-12.98
MPBR ZERO	(100 M)	-80	1.82	.00	-6.65	-18.56	-36.19
WIND DRIFT	(10 MPH)	.00	.40	1.61	3.66	6.59	10.42
INCHES	(20 MPH)	.00	.79	3.21	7.32	13.18	20.83

MAXIMUM POINT BLANK RANGE IS 115 METERS. SET ZERO AT 95 METERS.							
VELOCITY FPS		1500	1436	1376	1320	1268	1219
ENERGY FT-LB		949	870	799	735	678	627
DROP INCHES		.00	-2.35	-9.73	-22.59	-41.41	-66.70
BULLET PATH	(50 M)	-80	.00	-4.23	-13.95	-29.61	-51.75
INCHES	(100 M)	-80	2.12	.00	-7.60	-21.15	-41.17
(ZERO RANGE)	(150 M)	-80	4.65	5.06	.00	-11.02	-28.51
	(200 M)	-80	7.40	10.57	8.26	.00	-14.74
MPBR ZERO	(95 M)	-80	1.88	-4.7	-8.31	-22.09	-42.35
WIND DRIFT	(10 MPH)	.00	.42	1.70	3.87	6.93	10.91
INCHES	(20 MPH)	.00	.84	3.40	7.74	13.87	21.81

MAXIMUM POINT BLANK RANGE IS 110 METERS. SET ZERO AT 90 METERS.							
VELOCITY FPS		1400	1342	1288	1238	1192	1151
ENERGY FT-LB		826	759	699	646	599	559
DROP INCHES		.00	-2.70	-11.16	-25.88	-47.39	-76.21
BULLET PATH	(50 M)	-80	.00	-4.96	-16.19	-34.21	-59.53
INCHES	(100 M)	-80	2.48	.00	-8.75	-24.28	-47.12
(ZERO RANGE)	(150 M)	-80	5.40	5.83	.00	-12.62	-32.55
	(200 M)	-80	8.55	12.14	9.47	.00	-16.77
MPBR ZERO	(90 M)	-80	1.94	-1.09	-10.38	-26.46	-49.85
WIND DRIFT	(10 MPH)	.00	.44	1.78	4.02	7.17	11.19
INCHES	(20 MPH)	.00	.88	3.56	8.05	14.33	22.38

MAXIMUM POINT BLANK RANGE IS 105 METERS. SET ZERO AT 85 METERS.							
VELOCITY FPS		1300	1249	1202	1160	1122	1089
ENERGY FT-LB		712	658	609	567	531	500
DROP INCHES		.00	-3.12	-12.92	-29.90	-54.59	-87.52
BULLET PATH	(50 M)	-80	.00	-5.88	-18.94	-39.72	-68.73
INCHES	(100 M)	-80	2.94	.00	-10.12	-27.96	-54.03
(ZERO RANGE)	(150 M)	-80	6.31	6.75	.00	-14.46	-37.16
	(200 M)	-80	9.93	13.98	10.85	.00	-19.08
MPBR ZERO	(85 M)	-80	1.99	-1.90	-12.97	-31.75	-58.77
WIND DRIFT	(10 MPH)	.00	.45	1.81	4.05	7.15	11.05
INCHES	(20 MPH)	.00	.91	3.62	8.10	14.29	22.11

MAXIMUM POINT BLANK RANGE IS 95 METERS. SET ZERO AT 75 METERS.							
VELOCITY FPS		1200	1158	1120	1087	1058	1032

ENERGY FT-LB		607	565	529	498	472	449
DROP INCHES		.00	-3.67	-15.09	-34.77	-63.22	-100.95
BULLET PATH	(50 M)	-80	.00	-6.94	-22.15	-46.14	-79.40
INCHES	(100 M)	-80	3.47	.00	-11.74	-32.25	-62.04
(ZERO RANGE)	(150 M)	-80	7.38	7.82	.00	-16.60	-42.48
	(200 M)	-80	11.53	16.13	12.45	.00	-21.72
MPBR ZERO	(75 M)	-80	1.65	-3.65	-17.21	-39.55	-71.16
WIND DRIFT	(10 MPH)	.00	.44	1.73	3.83	6.69	10.26
INCHES	(20 MPH)	.00	.88	3.46	7.66	13.38	20.52

MAXIMUM POINT BLANK RANGE IS 85 METERS. SET ZERO AT 70 METERS.

VELOCITY FPS		1100	1069	1042	1017	995	975
ENERGY FT-LB		510	482	458	436	418	401
DROP INCHES		.00	-4.34	-17.76	-40.74	-73.74	-117.22
BULLET PATH	(50 M)	-80	.00	-8.28	-26.12	-53.98	-92.32
INCHES	(100 M)	-80	4.14	.00	-13.70	-37.42	-71.62
(ZERO RANGE)	(150 M)	-80	8.71	9.13	.00	-19.16	-48.79
	(200 M)	-80	13.49	18.71	14.37	.00	-24.84
MPBR ZERO	(70 M)	-80	1.57	-5.14	-21.41	-47.71	-84.48
WIND DRIFT	(10 MPH)	.00	.38	1.49	3.28	5.72	8.79
INCHES	(20 MPH)	.00	.76	2.97	6.56	11.44	17.57