

Meplat measurements taken by ink stamping the meplat on paper.													
.510 Caliber Solids & FMJ Tests				Test Rifle Ruger M77 510 Wells 24" 1:15 Twist Barrel--Unless Otherwise Noted									
Bullet	Diameter	Meplat	% Meplat	Length	Bearing Surface	% Bearing	SD	Muzzle Velocity	Impact Velocity	Impact Distance	Twist Rate	Straight Penetration	
600 Wood FMJ	0.509	0	0	1.394	0.608	44.00%	0.33	2230	2197	22 yds	1:15	22	
570 Wood FMJ	0.509	0	0	1.329	0.477	36.00%	0.313	2219	2187	22 yds	1:15	20	
570 Barnes Banded	0.508	0.331	65.00%	1.414	0.463	33.00%	0.313	2216	2149	22 yds	1:15	70 70	
570 BBW #13 CEB Copper	0.509	0.35	70.00%	0	0	0	0.313	2355	2313	22 yds	1:15	65	
570 BBW #13 CEB Brass	0.51	0.342	67.00%	1.447	0.292	20.00%	0.313	2091	2030	22 yds	1:15	56	
570 BBW #13 CEB Brass	0.51	0.342	67.00%	1.447	0.292	20.00%	0.313	2323	2304	22 yds	1:15	66	
Tested in Sam's Double rifle in 500 Nitro													
570 Horn DGS	0.509	0.28	55.00%	1.261	0.451	36.00%	0.313	1880	1819	22 yds	1:15	58	
570 Horn DGS	0.509	0.28	55.00%	1.261	0.451	36.00%	0.313	2200	2135	22 yds	1:15	41 54	
570 BBW #13 CEB Copper	0.509		70.00%	0	0	0	0.313	2071	2032	22 yds	1:15	65	
570 Kynoch	0.509	RN	RN	0	0	0	0.313	2064	0	22 yds	1:15	20	
548 Mod Barnes	0.508	0.269	53.00%	1.4135	0.461	33.00%	0.31	2255	2220	22 yds	1:15	21	

