

# Ballistic Performance Comparison

## 6.8 x 45 UCC 16" Barrel \* VS \* 6.8 SPC 16" Barrel

Yards	ENERGY (Foot Pounds)		VELOCITY (Feet per Second)	
	6.8 x 45 UCC	6.8 SPC	6.8 X 45 UCC	6.8 SPC
Muzzle	1596	1661	2500	2550
50	1456	1517	2388	2437
100	1326	1382	2279	2326
150	1205	1257	2172	2219
200	1093	1141	2069	2114
250	989	1034	1968	2012
300	894	935	1871	1913
350	806	844	1777	1817
400	726	760	1686	1725
450	653	684	1599	1637
500	588	616	1517	1553

Yards	BULLET PATH (drop in Inches) Zeroed range – 100 yards		WIND DRIFT (Inches) 3 o'clock wind @ 5 MPH	
	6.8 X 45 UCC	6.8 SPC	6.8 X 45 UCC	6.8 SPC
50	0.01	-0.02	.12	.12
100	0.00	0.00	.50	.49
150	-1.69	-1.59	1.15	1.12
200	-5.21	-4.94	2.10	2.04
250	-10.78	-10.24	3.36	3.26
300	-18.58	-17.69	4.96	4.82
350	-28.87	-27.52	6.92	6.72
400	-41.92	-39.98	9.27	9.00
450	-58.02	-55.36	12.03	11.68
500	-77.53	-73.98	15.23	14.78

**Conditions:** Altitude 2000' feet ASL, Temp 75 degrees, Humidity 15%, Pressure 29.85 Hg.

**Load:** 6.8 x 45-mm UCC: Nosler 115 grain BTHP-OTM, G1 BC: 0.352

**Load:** 6.8-mm SPC: Nosler 115 grain BTHP-OTM, G1 BC: 0.352

Data calculated on Oehler's Ballistic Explorer Program