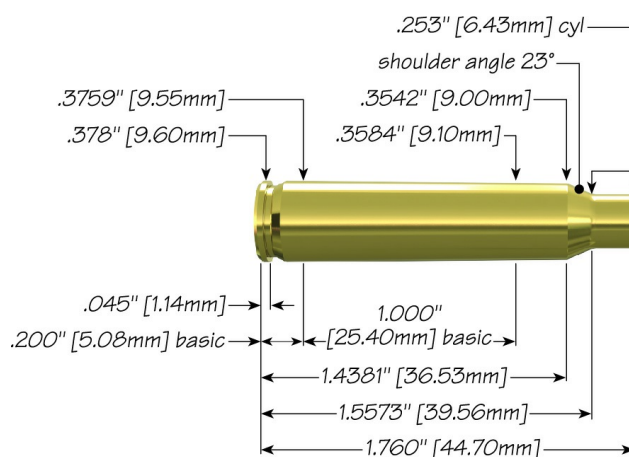


223 Remington with 40 gr Spire SP

SPEER

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	40 gr Spire SP	1017	40	2.060"	.144	.114

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	IMI	CCI 400	23.5	3115	25.5	3523
Accurate 2230	IMI	CCI 400	24.0	3108	26.0	3419
Accurate 2460	IMI	CCI 450	24.5	3133	26.5	3507
Accurate 5744 (reduced load)	IMI	CCI 400	11.0	2000	12.0	2148
Alliant AR-Comp	Federal	Federal 205	25.7	3470	28.5 C	3751
Alliant Power Pro 1200-R	Federal	Federal 205	23.1	3404	25.5	3683
Alliant Power Pro Varmint	Federal	Federal 205	25.9	3383	28.8	3694
Alliant Reloder 10X	IMI	CCI 400	22.5	3250	24.5	3544
Alliant Reloder 7	IMI	CCI 400	18.5	2727	20.5	3055

Hodgdon BL-C(2)	IMI	CCI 450	26.0	3111	28.0	3371
Hodgdon H322	IMI	CCI 400	24.0	3072	26.0	3447
Hodgdon H335	IMI	CCI 450	26.5	2943	28.5	3182
Hodgdon H4198	IMI	CCI 400	20.5	3024	22.5	3400
Hodgdon H4895	IMI	CCI 400	23.5	2996	25.5 C	3353
Hodgdon Varget	IMI	CCI 400	26.0	3198	28.0 C	3523
IMR 3031	IMI	CCI 400	25.0	3077	27.0 C	3470
Ramshot X-Terminator	Federal	Federal 205	25.6	3487	27.7	3686
Vihtavuori N130	Federal	Federal 205	21.2	3277	23.6	3567
Vihtavuori N133	IMI	CCI 400	23.0	3188	25.0 C	3549
Winchester 748	IMI	CCI 450	28.0	3396	30.0 C	3623

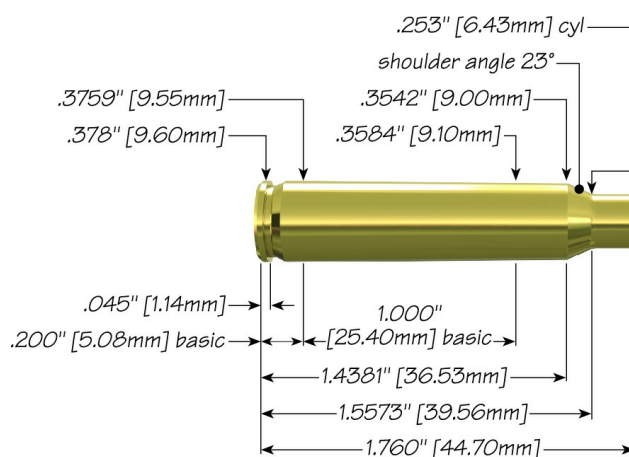
C = Compressed Load

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223 Remington with 43 gr TNT Green®

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22	Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density	
	43 gr TNT Green®	1022	43	2.150"	.150	.122

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	Federal	Federal 205	21.2	3089	23.4	3339
Accurate 2230	Federal	Federal 205	23.0	3276	25.5	3544
Alliant AR-Comp	Federal	Federal 205	23.0	3310	25.6	3560
Alliant Power Pro 1200-R	Federal	Federal 205	21.5	3214	23.9	3490
Alliant Power Pro Varmint	Federal	Federal 205	24.6	3338	26.8	3531
Alliant Reloder 10X	Federal	Federal 205	21.0	3179	23.0	3468
Alliant Reloder 7	Federal	Federal 205	19.4	3115	21.4	3384
Hodgdon H322	Federal	Federal 205	21.9	3231	24.3	3476
Hodgdon H335	Federal	Federal 205	23.1	3291	25.4	3511

Hodgdon Varget	Federal	Federal 205	24.6	3220	27.3 C	3531
IMR 4198	Federal	Federal 205	17.9	3069	19.9	3381
IMR 4895	Federal	Federal 205	23.8	3131	26.4 C	3442
Ramshot TAC	Federal	Federal 205	24.0	3291	26.0	3505
Vihtavuori N130	Federal	Federal 205	19.4	3164	21.1	3350
Vihtavuori N540	Federal	Federal 205	25.5	3246	27.5 C	3481
Winchester 748	Federal	Federal 205	25.5	3334	27.5 C	3538

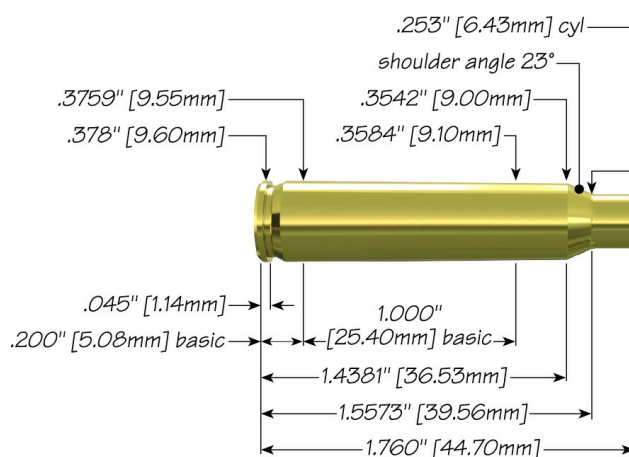
C = Compressed Load

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223 Remington with 45 gr Spitzer SP

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22	Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
 45 gr Spitzer SP	1023	45	2.155"	.143	.128

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	IMI	CCI 400	23.0	2941	25.0	3314
Accurate 2230	IMI	CCI 400	23.5	2813	25.5	3206
Accurate 2460	IMI	CCI 450	24.0	2990	26.0	3330
Accurate 5744 (reduced load)	IMI	CCI 400	11.0	1958	12.0	2104
Alliant Power Pro 1200-R	Federal	Federal 205	22.7	3272	25.2	3569
Alliant Power Pro Varmint	Federal	Federal 205	25.9	3309	28.8	3634
Alliant Reloder 10X	IMI	CCI 400	22.0	3085	24.0	3348
Alliant Reloder 7	IMI	CCI 400	18.0	2851	20.0	3105
Hodgdon BL-C(2)	IMI	CCI 450	26.0	2937	28.0 C	3272

Hodgdon H322	IMI	CCI 400	24.0	3002	26.0	3420
Hodgdon H335	IMI	CCI 450	25.0	2721	27.0 C	3065
Hodgdon Varget	IMI	CCI 400	26.0	3157	28.0 C	3446
IMR 3031	IMI	CCI 400	25.0	3117	27.0 C	3394
IMR 4198	IMI	CCI 400	21.0	3050	23.0	3436
IMR 4895	IMI	CCI 400	25.0	3146	27.0 C	3464
IMR 8208 XBR	Federal	Federal 205	24.8	3270	27.6 C	3592
Ramshot X-Terminator	Federal	Federal 205	26.1	3368	28.9 C	3659
Vihtavuori N133	IMI	CCI 400	22.5	3012	24.5 C	3317
Winchester 748	IMI	CCI 450	27.0	3032	29.0 C	3456

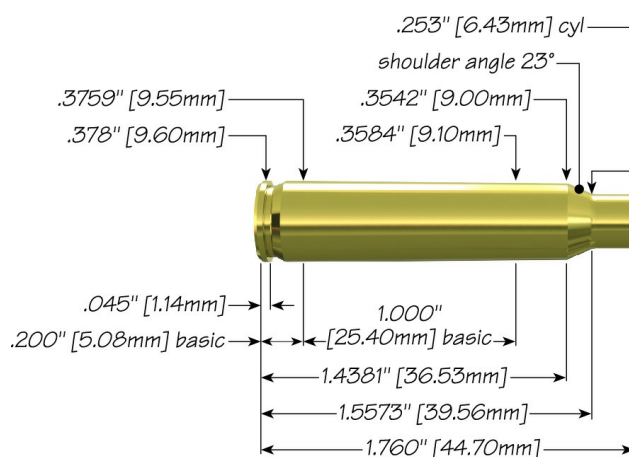
C = Compressed Load

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223 Remington with 50 gr TNT Green®

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22	Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
 50 gr TNT Green®	1028	50	2.150"	.190	.142

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Alliant Reloder 10X	Federal	Federal 205	20.0	3002	22.0	3245
Hodgdon Varget	Federal	Federal 205	24.5	3115	26.5 C	3322
IMR 4895	Federal	Federal 205	23.5	2908	25.5 C	3169
Ramshot TAC	Federal	Federal 205	23.0	3070	25.0	3295
Vihtavuori N540	Federal	Federal 205	23.5	2970	25.5	3218
Winchester 748	Federal	Federal 205	24.0	3114	26.0 C	3308

C = Compressed Load

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223 Remington with 50 gr TNT® HP

SPEER®

Max Case Length: 1.760"

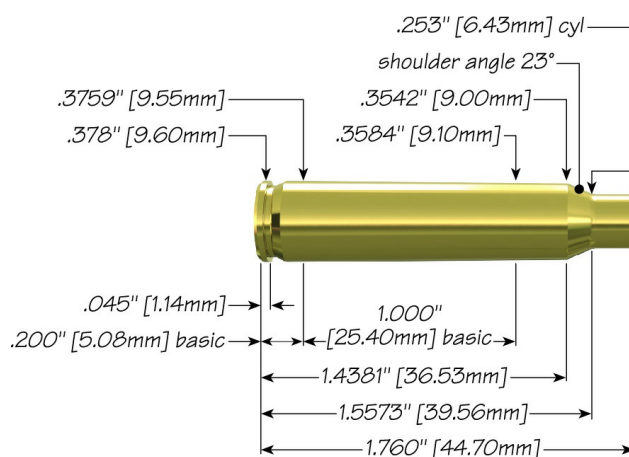
Trim-to Length: 1.750"

Max Cart. OAL: 2.260"

RCBS Shell Holder: # 10

Test Firearm: Universal Receiver

Barrel Length: 24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	50 gr Spitzer SP	1029	50	2.185"	.207	.142
	50 gr TNT® HP	1030	50	2.235"	.228	.142

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	IMI	CCI 400	22.5	2993	24.5	3320
Accurate 2230	IMI	CCI 400	23.0	2885	25.0	3187
Accurate 2520	IMI	CCI 450	26.0	3229	28.0 C	3385
Accurate 5744 (reduced load)	IMI	CCI 400	11.0	1912	12.0	2058
Alliant AR-Comp	Federal	Federal 205	25.0	3246	27.8 C	3523
Alliant Power Pro 1200-R	Federal	Federal 205	21.8	3120	24.2	3390
Alliant Power Pro Varmint	Federal	Federal 205	24.9	3144	27.7	3466
Alliant Reloder 10X	IMI	CCI 400	21.5	3041	23.5	3322

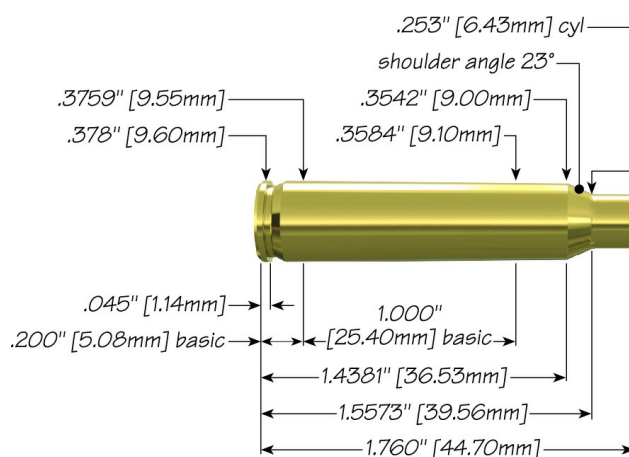
Alliant Reloder 15	Federal	Federal 205	26.1	3106	29.0 C	3436
Hodgdon BL-C(2)	IMI	CCI 450	25.5	3004	27.5	3252
Hodgdon H322	IMI	CCI 400	24.0	3045	26.0	3356
Hodgdon H335	IMI	CCI 450	25.0	3018	27.0	3316
Hodgdon H4198	IMI	CCI 400	20.0	2888	22.0	3229
Hodgdon H4895	IMI	CCI 400	23.5	2910	25.5 C	3255
Hodgdon Varget	IMI	CCI 400	25.5	3079	27.5 C	3372
IMR 3031	IMI	CCI 400	24.0	3012	26.0 C	3339
IMR 4895	IMI	CCI 400	25.0	3073	27.0 C	3369
IMR 8208 XBR	Federal	Federal 205	24.6	3130	27.3	3471
Vihtavuori N133	IMI	CCI 400	22.0	2939	24.0	3290
Vihtavuori N135	Federal	Federal 205	23.8	3169	26.1	3398
Winchester 748	IMI	CCI 450	26.5	3130	28.5 C	3458

C = Compressed Load

223 Remington with 52 gr HP

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	52 gr HP	1035	52	2.200"	.168	.148
	52 gr Match BTHP	1036	52	2.200"	.230	.148

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2460	IMI	CCI 450	23.0	2785	25.0	3102
Accurate 5744 (reduced load)	IMI	CCI 400	11.0	1906	12.0	2047
Alliant AR-Comp	Federal	Federal 205	24.0	3179	26.2 C	3385
Alliant Power Pro 1200-R	Federal	Federal 205	20.8	2996	23.1	3267
Alliant Power Pro Varmint	Federal	Federal 205	23.9	3026	26.5	3350
Alliant Reloder 10X	IMI	CCI 400	20.5	2955	22.5	3230
Alliant Reloder 15	Federal	Federal 205	24.8	3021	27.6 C	3322
Alliant Reloder 7	IMI	CCI 400	18.5	2639	20.5	2972

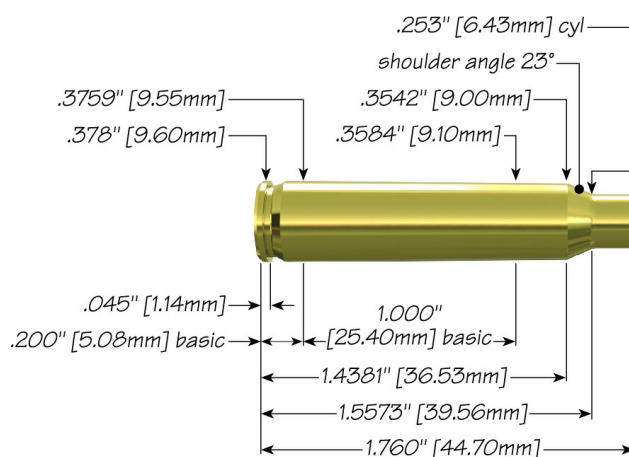
Hodgdon BL-C(2)	IMI	CCI 450	25.0	2728	27.0	3108
Hodgdon H322	IMI	CCI 400	22.5	2859	24.5	3149
Hodgdon H335	IMI	CCI 450	24.5	2919	26.5	3178
Hodgdon H4895	IMI	CCI 400	23.5	2902	25.5 C	3196
Hodgdon Varget	IMI	CCI 400	25.0	3039	27.0 C	3331
IMR 3031	IMI	CCI 400	24.0	2915	26.0 C	3247
IMR 4064	IMI	CCI 400	24.0	2878	26.0 C	3134
IMR 4895	IMI	CCI 400	24.5	2888	26.5 C	3254
IMR 8208 XBR	Federal	Federal 205	23.5	3078	26.1	3353
Vihtavuori N133	IMI	CCI 400	22.0	2864	24.0	3226
Vihtavuori N135	Federal	Federal 205	22.8	3054	24.9 C	3276
Winchester 748	IMI	CCI 450	26.0	3187	28.0 C	3510

C = Compressed Load

223 Remington with 55 gr Gold-Dot®

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	55 gr Gold-Dot®	22455GDB	55	2.230"	0.250	0.157
	55 gr TMJ®	22455TMJ	55	2.230"	0.250	0.157

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate LT-32	Federal	Federal 205	18.8	2834	20.9	3060
Alliant AR-Comp	Federal	Federal 205	21.7	2991	24.1	3220
Alliant Power Pro 1200-R	Federal	Federal 205	20.3	2923	22.6	3192
Alliant Power Pro 2000-MR	Federal	Federal 205	26.1	3134	29.0 C	3392
Alliant Power Pro Varmint	Federal	Federal 205	22.6	2977	25.1	3259
Alliant Reloder 10X	Federal	Federal 205	20.3	2897	22.6	3163
Alliant Reloder 15	Federal	Federal 205	23.6	2979	26.2 C	3232
Hodgdon CFE 223	Federal	Federal 205	24.5	3048	27.2	3328

Hodgdon H335	Federal	Federal 205	21.1	2936	23.4	3150
Hodgdon Varget	Federal	Federal 205	23.9	2984	26.5 C	3259
IMR 4895	Federal	Federal 205	23.2	2878	25.8 C	3224
IMR 8208 XBR	Federal	Federal 205	22.3	2964	24.8	3259
Ramshot X-Terminator	Federal	Federal 205	22.5	2992	24.9	3262
Vihtavuori N135	Federal	Federal 205	20.6	2885	22.9	3132

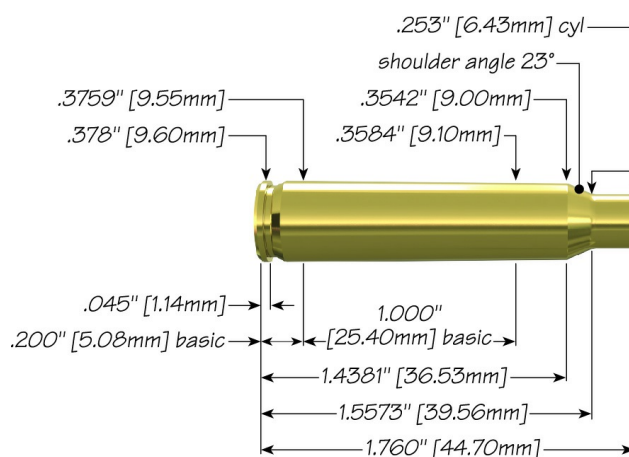
C = Compressed Load

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223 Remington with 55 gr Spitzer SP

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	55 gr Spitzer SP	1047	55	2.175"	.212	.157
	55 gr TNT® HP	1032	55	2.235"	.233	.157

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	IMI	CCI 400	21.5	2788	23.5	3071
Accurate 2230	IMI	CCI 400	24.0	3062	26.0	3286
Accurate 2520	IMI	CCI 450	25.0	3066	27.0 C	3238
Accurate 5744 (reduced load)	IMI	CCI 400	11.0	1892	12.0	2033
Alliant AR-Comp	Federal	Federal 205	22.2	3021	24.6 C	3245
Alliant Power Pro 1200-R	Federal	Federal 205	20.8	2949	23.1	3210
Alliant Power Pro Varmint	Federal	Federal 205	23.3	2967	25.9	3270
Alliant Reloder 10X	IMI	CCI 400	21.0	2976	23.0	3209

Hodgdon BL-C(2)	IMI	CCI450	25.0	2907	27.0	3187
Hodgdon CFE 223	Federal	Federal 205	24.5	2993	27.2	3291
Hodgdon H322	IMI	CCI400	22.5	2860	24.5	3208
Hodgdon H335	IMI	CCI450	24.0	2842	26.0	3140
Hodgdon H4198	IMI	CCI400	19.0	2726	21.0	3021
Hodgdon H4895	IMI	CCI400	23.5	2949	25.5 C	3246
Hodgdon Varget	IMI	CCI400	25.0	3012	27.0	3268
IMR 3031	IMI	CCI400	24.0	3019	26.0 C	3276
IMR 4064	IMI	CCI400	24.5	2881	26.5	3193
IMR 8208 XBR	Federal	Federal 205	23.4	3011	26.0	3305
Vihtavuori N133	IMI	CCI400	21.5	2811	23.5	3139
Winchester 748	IMI	CCI450	26.0	3008	28.0 C	3369

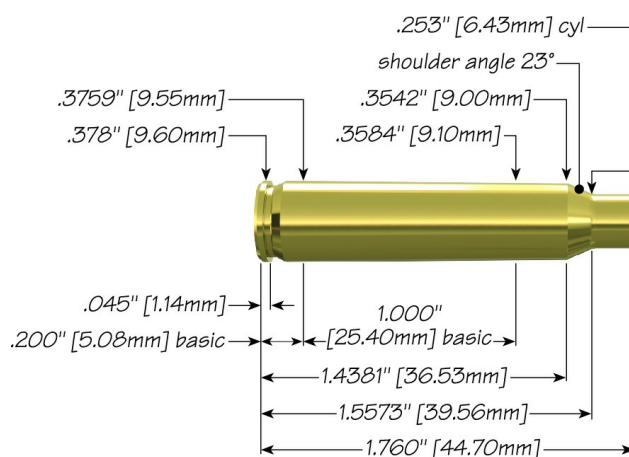
C = Compressed Load

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223 Remington with 62 gr Gold-Dot®

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22	Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density	
	62 gr Gold-Dot®	22462GDB	62	2.230"	.310	.177

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2460	Federal	Federal 205	22.3	2815	24.8	3069
Alliant AR-Comp	Federal	Federal 205	20.7	2816	23.0	3029
Alliant Power Pro 2000-MR	Federal	Federal 205	24.8	2950	27.6 C	3208
Alliant Power Pro Varmint	Federal	Federal 205	21.9	2854	24.3	3075
Alliant Reloder 15	Federal	Federal 205	22.5	2788	25.0 C	3046
Hodgdon CFE 223	Federal	Federal 205	23.4	2889	26.0	3141
Hodgdon H335	Federal	Federal 205	20.2	2760	22.4	2971
Hodgdon Varget	Federal	Federal 205	22.4	2801	24.9 C	3064
IMR 4895	Federal	Federal 205	22.3	2759	24.8 C	3064

IMR 8208 XBR	Federal	Federal 205	21.3	2811	23.7	3064
Ramshot X-Terminator	Federal	Federal 205	21.7	2838	23.9	3070
Vihtavuori N540	Federal	Federal 205	22.3	2735	24.8	3009

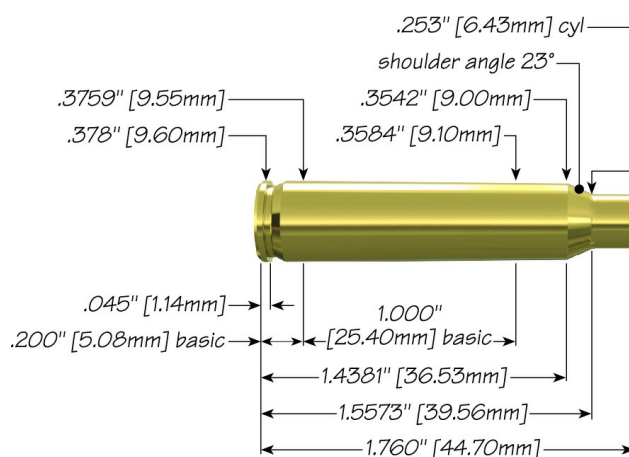
C = Compressed Load

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223 Remington with 70 gr Semi-Spitzer SP

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22	Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
 70 gr Semi-Spitzer SP	1053	70	2.140"	.219	.199

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2015	IMI	CCI 400	18.0	2348	20.0	2583
Accurate 2230	IMI	CCI 400	21.0	2489	23.0	2749
Accurate 2460	IMI	CCI 450	21.5	2526	23.5	2814
Alliant AR-Comp	Federal	Federal 205	20.0	2679	21.9	2834
Alliant Power Pro 2000-MR	Federal	Federal 205	25.0	2775	27.1	2982
Alliant Power Pro Varmint	Federal	Federal 205	21.0	2632	23.2	2872
Alliant Reloder 15	Federal	Federal 205	22.5	2708	24.1 C	2871
Hodgdon BL-C(2)	IMI	CCI 450	21.5	2474	23.5	2648
Hodgdon H335	IMI	CCI 450	22.5	2621	24.5	2849

Hodgdon H380	IMI	CCI 450	26.0	2560	28.0	2733
Hodgdon H414	IMI	CCI 450	26.0	2690	28.0	2923
Hodgdon Varget	Federal	Federal 205	22.4	2659	24.8 C	2901
IMR 4320	IMI	CCI 400	22.5	2474	24.5	2675
IMR 4895	IMI	CCI 400	22.5	2658	24.5 C	2864
Vihtavuori N135	IMI	CCI 400	20.5	2449	22.5	2693
Winchester 748	IMI	CCI 450	25.0	2862	27.0	3115

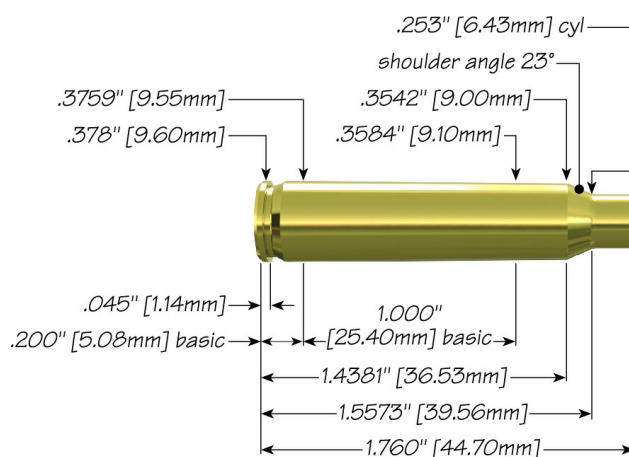
C = Compressed Load

speer-ammo.com

223 Remington with 75 gr Gold-D0t®

SPEER®

Max Case Length:	1.760"
Trim-to Length:	1.750"
Max Cart. OAL:	2.260"
RCBS Shell Holder:	# 10
Test Firearm:	Universal Receiver
Barrel Length:	24"



22		Speer Part No.	Weight, grains	COAL Tested	Ballistic Coefficient	Sectional Density
	75 gr Gold-D0t®	22475GDB	75	2.230"	.411	.213
	75 gr TMJ®	22475TMJ	75	2.230"	.411	.213

Propellant	Cartridge Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Grain	Velocity (ft/sec)	Grain	Velocity (ft/sec)
Accurate 2460	Federal	Federal 205	20.9	2514	23.2	2746
Alliant AR-Comp	Federal	Federal 205	18.7	2461	20.8	2660
Alliant Power Pro 2000-MR	Federal	Federal 205	23.5	2655	26.1 C	2897
Alliant Power Pro Varmint	Federal	Federal 205	20.7	2523	23.0	2756
Alliant Reloder 15	Federal	Federal 205	21.2	2514	23.5 C	2751
Hodgdon CFE 223	Federal	Federal 205	21.6	2543	24.0	2781
Hodgdon H335	Federal	Federal 205	18.9	2461	21.0	2638
Hodgdon Varget	Federal	Federal 205	20.8	2505	23.1 C	2730

IMR 4895	Federal	Federal 205	21.2	2508	23.5 C	2766
IMR 8208 XBR	Federal	Federal 205	19.9	2498	22.1	2723
Ramshot X-Terminator	Federal	Federal 205	20.6	2535	22.9	2757
Vihtavuori N540	Federal	Federal 205	21.2	2462	23.5 C	2724

C = Compressed Load

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