

## New Alliant Reloder® 16 Rifle Powder

- World Class Temperature Stability
- Outstanding Pressure/Velocity Efficiency
- Optimum Load Density in Many Cartridges



Note: Loads shown are max loads that should be reduced 10% and worked up for individual firearms.

### Alliant Reloder® 16 30-06Sprg Load Data

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	150gr Ballistic Tip	3.270	Fed 210	Fed	58.0	3048	0.300" C
Reloder® 16	Barnes	150gr TSX	3.260	Fed 210	Fed	57.5	3029	0.300" C
Reloder® 16	Sierra	165gr GameKing	3.220	Fed 210	Fed	57.2	2947	0.220" C
Reloder® 16	Speer	165gr Spitzer SP	3.250	Fed 210	Fed	57.4	2954	0.200" C
Reloder® 16	Hornady	165gr GMX	3.230	Fed 210	Fed	54.5	2843	0.300" C
Reloder® 16	Sierra	168gr MatchKing	3.230	Fed 210	Fed	56.0	2905	0.220" C
Reloder® 16	Nosler	180gr Partition	3.230	Fed 210	Fed	56.0	2824	0.260" C
Reloder® 16	Berger	185gr HybridHunter	3.220	Fed 210	Fed	53.4	2772	0.210" C

### Alliant Reloder® 16 300WSM Load Data

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	150gr Ballistic Tip	2.860	Fed 215	Fed	68.7	3310	0.220" C
Reloder® 16	Barnes	150gr TSX	2.860	Fed 215	Fed	67.8	3319	0.180" C
Reloder® 16	Sierra	165gr GameKing	2.860	Fed 215	Fed	66.0	3167	0.060" C
Reloder® 16	Hornady	165gr GMX	2.840	Fed 215	Fed	64.8	3078	0.300" C
Reloder® 16	Nosler	168gr Custom Comp	2.860	Fed 215	Fed	66.0	3138	0.090" C
Reloder® 16	Sierra	175gr MatchKing	2.860	Fed 215	Fed	63.9	3056	0.070" C
Reloder® 16	Nosler	180gr Partition	2.830	Fed 215	Fed	64.1	3013	0.110" C
Reloder® 16	Berger	185gr HybridHunter	2.860	Fed 215	Fed	63.0	2974	0.130" C

### Alliant Reloder® 16 300WinMag Load Data

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	150gr Ballistic Tip	3.340	Fed 215	Fed	72.9	3314	0.090" C
Reloder® 16	Barnes	150gr TSX	3.340	Fed 215	Fed	73.1	3316	0.060" C
Reloder® 16	Sierra	165gr GameKing	3.340	Fed 215	Fed	71.1	3167	0.010" C
Reloder® 16	Hornady	165gr GMX	3.340	Fed 215	Fed	67.3	3063	0.140" C
Reloder® 16	Nosler	180gr Partition	3.340	Fed 215	Fed	68.7	3002	0.020" air

### Alliant Reloder® 16 270Win Load Data

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	130gr Partition	3.200	Fed 210	Fed	55.3	3202	0.110" C
Reloder® 16	Hornady	130gr GMX	3.230	Fed 210	Fed	53.8	3175	0.220" C
Reloder® 16	Berger	130gr Hunting Hybrid	3.290	Fed 210	Fed	54.7	3213	0.070" C
Reloder® 16	Barnes	140gr TSX	3.210	Fed 210	Fed	52.3	3049	0.100" C
Reloder® 16	Nosler	140gr Accubond	3.250	Fed 210	Fed	53.5	3054	0.100" C
Reloder® 16	Sierra	150gr GameKing	3.220	Fed 210	Fed	51.5	2959	0.030" C

**Alliant Reloder® 16 270WSM Load Data**

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	130gr Partition	2.760	Fed 215	Fed	60.5	3201	0.020" C
Reloder® 16	Hornady	130gr GMX	2.790	Fed 215	Fed	59.5	3163	0.120" C
Reloder® 16	Berger	130gr Hunting Hybrid	2.810	Fed 215	Fed	60.9	3244	0" air
Reloder® 16	Barnes	140gr TSX		Fed 215	Fed	58.5	3079	0.070" C
Reloder® 16	Nosler	140gr Accubond		Fed 215	Fed	59.3	3071	0.050" C
Reloder® 16	Sierra	150gr GameKing		Fed 215	Fed	57.8	2978	0.020" C

**Alliant Reloder® 16 260Rem Load Data**

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Hornady	95gr V-Max	2.775	Fed 210	Fed	46.0	3277	0.140" C
Reloder® 16	Nosler	120gr Ballistic Tip	2.760	Fed 210	Fed	44.0	3022	0.180" C
Reloder® 16	Barnes	120gr TSX	2.720	Fed 210	Fed	43.6	2987	0.230" C
Reloder® 16	Berger	130gr Hybrid OTM	2.800	Fed 210	Fed	42.9	2915	0.180" C
Reloder® 16	Sierra	140gr GameKing	2.680	Fed 210	Fed	41.0	2764	0.160" C
Reloder® 16	Sierra	142gr MatchKing	2.790	Fed 210	Fed	41.7	2772	0.200" C

**Alliant Reloder® 16 243Win Load Data**

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Nosler	70gr Ballistic Tip	2.670	Fed 210	Fed	46.0	3637	0.160" C
Reloder® 16	Hornady	75gr V-Max	2.640	Fed 210	Fed	44.8	3544	0.110" C
Reloder® 16	Speer	85gr Spitzer BTSP	2.625	Fed 210	Fed	42.2	3290	0.070" C
Reloder® 16	Barnes	85gr TSX	2.630	Fed 210	Fed	42.3	3303	0.080" C
Reloder® 16	Nosler	95gr Ballistic Tip	2.660	Fed 210	Fed	40.5	3114	0.040" C
Reloder® 16	Berger	95gr Hybrid Hunting	2.670	Fed 210	Fed	40.6	3129	0.010" air
Reloder® 16	Sierra	100gr GameKing	2.570	Fed 210	Fed	40.8	3071	0.080" C
Reloder® 16	Berger	105gr Hybrid Target	2.710	Fed 210	Fed	39.9	2984	0.110" C

**Alliant Reloder® 16 7mmRemMag Load Data**

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Speer	110gr TNT HP #1616	3.250	Fed 215	Fed	65.8	3514	0.280" air
Reloder® 16	Speer	115gr HP #1617	3.200	Fed 215	Fed	64.0	3418	0.350" air
Reloder® 16	Speer	130gr Spitz SP #1623	3.285	Fed 215	Fed	61.6	3213	0.400" air

**Alliant Reloder® 16 7mm-08Rem Load Data**

Test Firearm: 24" SAAMI chamber Universal Receiver test barrel

Powder	Bullet Brand	Weight/Type	OAL (in)	Primer	Brass	Max Charge wt (gr)	Velocity (ft/sec)	Notes
Reloder® 16	Speer	130gr Spitzer BTSP	2.730	Fed 210	Fed	47.8	3011	0.250" C
Reloder® 16	Hornady	139gr SST	2.780	Fed 210	Fed	45.8	2897	0.300" C
Reloder® 16	Nosler	140gr Partition	2.750	Fed 210	Fed	47.2	2952	0.300" C
Reloder® 16	Sierra	150gr GameKing	2.760	Fed 210	Fed	45.6	2852	0.230" C
Reloder® 16	Hornady	154gr SST	2.770	Fed 210	Fed	45.0	2781	0.300" C
Reloder® 16	Barnes	160gr TSX	2.770	Fed 210	Fed	43.5	2628	0.300" C