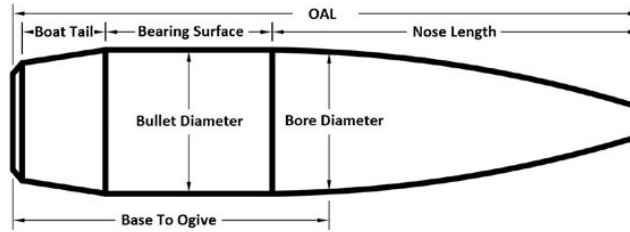


# 2019 Berger Bullet Quick Reference Sheet

Our Quick Reference Sheet (QRS) presents the details of each bullet in a convenient format.  
Keep in mind these numbers are for reference only and do not reflect exact numbers for every lot.

## Description Legend

- FB:** Flat Base
- High BC FB:** High BC Flat Base
- BR Column/WEB FB/Euwin FB:** Bench Rest Flat Base
- BT:** Boat Tail
- Long Range BT/Juggernaut:** Long Range Boat Tail
- VLD:** Very Low Drag
- Hybrid:** Combination Secant and Tangent Ogive
- AR/Classic Hunter:** Short Nose Hybrid (for magazine feeding)
- Hybrid Elite Hunter:** Long Nose Hybrid
- OTM:** Open Tip Match



## Bullet Dimension Reference

- Bullet Diameter:** This is the bullet caliber.
- OAL:** Overall Length
- Boat Tail:** Length of the boat tail, excluding the heel.
- Nose Length:** From the front of bearing surface to the bullet tip.
- Base To Ogive:** From the bullet base to the point on the nose which contacts the riflings at the bore diameter.
- Bearing Surface:** Length of the full diameter portion of the bullet.

## Performance Metrics

- SD:** Sectional Density, an indicator of penetration.
- G1 BC:** The Ballistic Coefficient referenced to the G1 standard. Use this BC for flat base bullets.
- G7 BC:** The Ballistic Coefficient referenced to the G7 standard. Use this BC for boat tail bullets.
- G7 Form Factor:** The drag of the bullet compared to the G7 standard. Lower form factor means lower drag. Form factors close to 1.0 are average. Bullets with form factors below 1.0 will have high BCs for their weight, and will perform better at long range.
- Optimal Twist:** This is the twist that will stabilize the bullet to a 1.5 Stability Factor (or higher), which achieves its full performance (BC) potential.

Part #	Quantity Pack #	Description	Bullet Dia.	OAL	Boat Tail	Nose Length	Base to Ogive	Bearing Surface	Sectional Density	G1 BC	G7 BC	G7 Form Factor	Minimum Twist (or faster)
<b>VARMINT BULLETS                      VARMINT BULLETS                      VARMINT BULLETS</b>													
<b>17 CAL</b>													
17308	NA	17 Cal 25 gr FB Varmint	0.172	0.565	FB	0.306	0.318	0.259	0.121	<b>0.152</b>	NA	NA	1:10"
<b>20 CAL                      Get more hits with varmint bullets made on thin nosed jackets for enhanced expansion on impact</b>													
20303	20703	20 Cal 35 gr FB Varmint	0.204	0.596	FB	0.381	0.272	0.215	0.120	<b>0.179</b>	NA	NA	1:14"
20304	20704	20 Cal 40 gr BT Varmint	0.204	0.680	0.110	0.411	0.337	0.159	0.137	0.227	<b>0.116</b>	1.184	1:12"
20306	NA	20 Cal 55 gr Long Range BT Varmint	0.204	0.908	0.100	0.573	0.449	0.235	0.189	0.354	<b>0.182</b>	1.037	1:8"
<b>22 CAL                      For technical assistance over the phone call 660-460-2802</b>													
22303	NA	22 Cal 40 gr FB Varmint	0.224	0.609	FB	0.415	0.260	0.194	0.114	<b>0.151</b>	NA	NA	1:15"
22309	22709	22 Cal 52 gr FB Varmint	0.224	0.717	FB	0.436	0.367	0.281	0.148	<b>0.201</b>	NA	NA	1:14"
22311	NA	22 Cal 55 gr FB Varmint	0.224	0.753	FB	0.457	0.377	0.296	0.157	<b>0.209</b>	NA	NA	1:14"
22312	NA	22 Cal 60 gr FB Varmint	0.224	0.810	FB	0.496	0.393	0.314	0.171	<b>0.271</b>	NA	NA	1:12"
22316	NA	22 Cal 64 gr FB Varmint	0.224	0.819	FB	0.506	0.410	0.313	0.182	<b>0.287</b>	NA	NA	1:12"
<b>6 MM                      For load data and technical assistance send an email to support@capstonepg.com</b>													
24313	NA	6 MM 69 gr High BC FB Varmint	0.243	0.919	FB	0.640	0.350	0.279	0.167	<b>0.289</b>	NA	NA	1:12"
24321	NA	6 MM 80 gr FB Varmint	0.243	0.913	FB	0.541	0.466	0.372	0.194	<b>0.300</b>	NA	NA	1:12"
24323	NA	6 MM 88 gr High BC FB Varmint	0.243	1.059	FB	0.672	0.453	0.387	0.213	<b>0.380</b>	NA	NA	1:10"

Part #	Quantity Pack #	Description	Bullet Dia.	OAL	Boat Tail	Nose Length	Base to Ogive	Bearing Surface	Sectional Density	G1 BC	G7 BC	G7 Form Factor	Minimum Twist (or faster)
<b>HUNTING BULLETS                      HUNTING BULLETS                      HUNTING BULLETS</b>													
<b>6 MM</b>													
24524	NA	6 MM 87 gr VLD Hunting	0.243	1.042	0.156	0.605	0.488	0.281	0.210	0.427	<b>0.219</b>	0.961	1:10"
24527	NA	6 MM 95 gr VLD Hunting	0.243	1.130	0.210	0.672	0.536	0.248	0.230	0.467	<b>0.239</b>	0.962	1:9"
24570	NA	6 MM 95 gr Classic Hunter	0.243	1.069	0.165	0.544	0.587	0.360	0.230	0.434	<b>0.223</b>	1.032	1:10"
24528	24758	6 MM 105 gr VLD Hunting	0.243	1.223	0.190	0.698	0.598	0.335	0.254	0.545	<b>0.278</b>	0.915	1:8"
24530	NA	6 MM 115 gr VLD Hunting	0.243	1.348	0.196	0.750	0.695	0.402	0.278	0.568	<b>0.291</b>	0.956	1:7"
<b>25 CAL                      Hunters are dropping all North American sized game at short and long range with effective Berger Hunting bullets</b>													
25513	25753	25 Cal 115 gr VLD Hunting	0.257	1.188	0.150	0.681	0.574	0.357	0.249	0.483	<b>0.247</b>	1.006	1:10"
<b>6.5 MM                      Our hunting bullets penetrate 2" to 3" of tissue and bone before fragmenting deep in the vital area</b>													
26503	26753	6.5 MM 130 gr VLD Hunting	0.264	1.324	0.223	0.723	0.653	0.378	0.266	0.562	<b>0.288</b>	0.925	1:8"
26571	NA	6.5 MM 135 gr Classic Hunter	0.264	1.325	0.190	0.655	0.719	0.458	0.277	0.584	<b>0.303</b>	0.913	1:8"
26504	26754	6.5 MM 140 gr VLD Hunting	0.264	1.390	0.224	0.731	0.717	0.435	0.287	0.600	<b>0.307</b>	0.935	1:8"
26552	NA	6.5 MM 140 gr Elite Hunter	0.264	1.403	0.190	0.744	0.714	0.451	0.287	0.606	<b>0.310</b>	0.926	1:9"
26550	NA	6.5 MM 156 gr EOL Elite Hunter	0.264	1.512	0.189	0.765	0.809	0.545	0.320	0.679	<b>0.347</b>	0.921	1:8"
<b>270 CAL                      Once fragmenting begins, 40% to 90% of the bullet will be distributed inside the vital area</b>													
27501	NA	270 Cal 130 gr VLD Hunting	0.277	1.173	0.243	0.618	0.647	0.312	0.242	0.462	<b>0.236</b>	1.025	1:11"
27570	NA	270 Cal 130 gr Classic Hunter	0.277	1.210	0.245	0.686	0.579	0.279	0.242	0.490	<b>0.251</b>	0.964	1:10"
27502	NA	270 Cal 140 gr VLD Hunting	0.277	1.253	0.235	0.617	0.721	0.401	0.261	0.504	<b>0.258</b>	1.010	1:11"
27571	NA	270 Cal 140 gr Classic Hunter	0.277	1.274	0.203	0.645	0.665	0.410	0.261	0.528	<b>0.271</b>	0.0962	1:10"
27503	NA	270 Cal 150 gr VLD Hunting	0.277	1.294	0.230	0.625	0.754	0.439	0.279	0.518	<b>0.265</b>	1.054	1:10"
27575	NA	270 Cal 170 gr EOL Elite Hunter	0.277	1.490	0.254	0.829	0.760	0.407	0.317	0.662	<b>0.339</b>	0.935	1:9"
<b>7 MM                      The wound channel created by deep, internal fragmentation is tremendous which puts the animal down fast and humanely</b>													
28503	28753	7 MM 140 gr VLD Hunting	0.284	1.267	0.243	0.700	0.608	0.324	0.248	0.500	<b>0.256</b>	0.969	1:11"
28571	NA	7 MM 150gr Classic Hunter	0.284	1.253	0.206	0.576	0.712	0.452	0.266	0.505	<b>0.258</b>	1.030	1:11"
28501	28751	7 MM 168 gr VLD Hunting	0.284	1.433	0.245	0.771	0.705	0.417	0.298	0.618	<b>0.316</b>	0.940	1:10"
28570	NA	7 MM 168 gr Classic Hunter	0.284	1.372	0.253	0.636	0.809	0.483	0.298	0.566	<b>0.290</b>	1.026	1:10"
28554	NA	7 MM 175 gr Elite Hunter	0.284	1.502	0.207	0.801	0.762	0.478	0.310	0.656	<b>0.336</b>	0.922	1:10"
28502	28752	7 MM 180 gr VLD Hunting	0.284	1.506	0.243	0.772	0.779	0.491	0.319	0.673	<b>0.345</b>	0.925	1:9"
28550	28750	7 MM 195 gr EOL Elite Hunter	0.284	1.648	0.250	0.874	0.886	0.524	0.345	0.755	<b>0.387</b>	0.892	1:9"
<b>30 CAL                      All of our bullets are Match Grade which means consistency is more important to us than volume or cheaper prices</b>													
30508	NA	30 Cal 155 gr VLD Hunting	0.308	1.223	0.177	0.765	0.517	0.281	0.233	0.464	<b>0.238</b>	0.981	1:14"
30510	30750	30 Cal 168 gr VLD Hunting	0.308	1.261	0.181	0.750	0.563	0.330	0.253	0.498	<b>0.255</b>	0.992	1:13"
30570	NA	30 Cal 168 gr Classic Hunter	0.308	1.228	0.218	0.707	0.598	0.303	0.253	0.489	<b>0.251</b>	1.010	1:13"
30512	NA	30 Cal 175 gr VLD Hunting	0.308	1.328	0.186	0.750	0.631	0.392	0.264	0.518	<b>0.265</b>	0.994	1:13"
30554	NA	30 Cal 180 gr Elite Hunter	0.308	1.375	0.202	0.782	0.641	0.373	0.271	0.576	<b>0.295</b>	0.919	1:12"

Part #	Quantity Pack #	Description	Bullet Dia.	OAL	Boat Tail	Nose Length	Base to Ogive	Bearing Surface	Sectional Density	G1 BC	G7 BC	G7 Form Factor	Minimum Twist (or faster)
<b>HUNTING BULLETS                      HUNTING BULLETS                      HUNTING BULLETS</b>													
<b>30 CAL</b>													
30513	30753	30 Cal 185 gr VLD Hunting	0.308	1.366	0.214	0.759	0.661	0.393	0.279	0.558	<b>0.286</b>	0.976	1:12"
30571	NA	30 Cal 185 gr Classic Hunter	0.308	1.314	0.242	0.692	0.693	0.380	0.279	0.533	<b>0.273</b>	1.020	1:12"
30514	30754	30 Cal 190 gr VLD Hunting	0.308	1.371	0.215	0.756	0.668	0.400	0.286	0.566	<b>0.290</b>	0.987	1:12"
30515	30757	30 Cal 210 gr VLD Hunting	0.308	1.470	0.209	0.751	0.770	0.510	0.316	0.625	<b>0.320</b>	0.988	1:11"
<b>338 CAL    They won't run away from a Berger Hunting bullet</b>													
33554	NA	338 Cal 250 gr Elite Hunter	0.338	1.627	0.326	0.960	0.757	0.341	0.313	0.685	<b>0.351</b>	0.891	1:12"
33556	NA	338 Cal 300 gr Elite Hunter	0.338	1.816	0.305	0.955	0.956	0.556	0.375	0.814	<b>0.417</b>	0.900	1:10"
<b>TARGET BULLETS                      TARGET BULLETS                      TARGET BULLETS</b>													
<b>22 CAL</b>													
22408	22708	22 Cal 52 gr FB Target	0.224	0.714	FB	0.476	0.323	0.238	0.148	<b>0.235</b>	NA	NA	1:14"
22410	NA	22 Cal 55 gr FB Target	0.224	0.749	FB	0.509	0.328	0.240	0.157	<b>0.254</b>	NA	NA	1:14"
22418	22718	22 Cal 70 gr VLD Target	0.224	0.961	0.192	0.487	0.505	0.282	0.199	0.374	<b>0.191</b>	1.042	1:9"
22420	22720	22 Cal 73 gr BT Target	0.224	0.963	0.140	0.535	0.524	0.288	0.208	0.348	<b>0.178</b>	1.168	1:9"
22421	NA	22 Cal 75 gr VLD Target	0.224	1.051	0.191	0.569	0.525	0.291	0.214	0.421	<b>0.216</b>	0.989	1:8"
22422	22722	22 Cal 80 gr VLD Target	0.224	1.106	0.191	0.576	0.570	0.339	0.228	0.455	<b>0.233</b>	0.976	1:8"
22427	22727	22 Cal 80.5 gr FULLBORE Target	0.224	1.091	0.185	0.589	0.589	0.317	0.229	0.441	<b>0.226</b>	1.014	1:8"
22424	NA	22 Cal 82 gr Long Range BT Target	0.224	1.115	0.185	0.559	0.618	0.371	0.233	0.440	<b>0.225</b>	1.038	1:8"
22423	NA	22 Cal 90 gr VLD Target	0.224	1.254	0.196	0.692	0.622	0.366	0.256	0.534	<b>0.274</b>	0.937	1:7"
<b>6 MM    Shooters are setting records, winning matches and achieving personal bests all over the world with our Target bullets</b>													
24407	24707	6 MM BR Column Target	0.243	0.810	FB	0.538	0.328	0.272	0.155	<b>0.231</b>	NA	NA	1:14"
24408	NA	6 MM 65 gr BT Target	0.243	0.833	0.115	0.516	0.382	0.202	0.157	0.281	<b>0.144</b>	1.092	1:13"
24411	24711	6 MM 68 gr FB Target	0.243	0.833	FB	0.531	0.402	0.302	0.165	<b>0.255</b>	NA	NA	1:13"
24425	24725	6 MM 90 gr BT Target	0.243	1.050	0.112	0.644	0.521	0.294	0.218	0.409	<b>0.210</b>	1.037	1:10"
24427	NA	6 MM 95 gr VLD Target	0.243	1.130	0.207	0.664	0.538	0.259	0.230	0.467	<b>0.240</b>	0.958	1:9"
24428	NA	6 MM 105 gr BT Target	0.243	1.189	0.216	0.631	0.673	0.342	0.254	0.494	<b>0.253</b>	1.004	1:8"
24429	24729	6 MM 105 gr VLD Target	0.243	1.222	0.216	0.680	0.619	0.326	0.254	0.517	<b>0.265</b>	0.960	1:8"
24433	24733	6 MM 105 gr Hybrid Target	0.243	1.256	0.213	0.701	0.624	0.342	0.254	0.536	<b>0.275</b>	0.925	1:8"
24431	24731	6 MM 108 gr BT Target	0.243	1.217	0.217	0.656	0.678	0.344	0.261	0.522	<b>0.268</b>	0.977	1:8"
24430	NA	6 MM 115 gr VLD Target	0.243	1.332	0.216	0.739	0.678	0.377	0.278	0.563	<b>0.289</b>	0.963	1:7"

Part #	Quantity Pack #	Description	Bullet Dia.	OAL	Boat Tail	Nose Length	Base to Ogive	Bearing Surface	Sectional Density	G1 BC	G7 BC	G7 Form Factor	Minimum Twist (or faster)
<b>TARGET BULLETS      TARGET BULLETS      TARGET BULLETS</b>													
<b>6.5 MM      Our Hybrid design blends the best of both worlds by incorporating two different shapes within the nose</b>													
26402	NA	6.5 MM 120 gr BT Target	0.264	1.219	0.138	0.688	0.661	0.393	0.246	0.468	<b>0.240</b>	1.025	1:9"
26403	NA	6.5 MM 130 gr VLD Target	0.264	1.310	0.223	0.735	0.719	0.445	0.266	0.562	<b>0.288</b>	0.926	1:8"
26401	26701	6.5 MM 140 gr VLD Target	0.264	1.387	0.232	0.731	0.718	0.424	0.287	0.593	<b>0.304</b>	0.945	1:8"
26409	NA	6.5 MM 140 gr Long Range BT Target	0.264	1.397	0.230	0.839	0.673	0.328	0.287	0.593	<b>0.304</b>	0.944	1:8"
26414	26714	6.5 MM 140 gr Hybrid Target	0.264	1.407	0.224	0.768	0.704	0.415	0.287	0.607	<b>0.311</b>	0.923	1:8"
<b>7 MM</b>													
28401	NA	7 MM 168 gr VLD Target	0.284	1.431	0.245	0.768	0.707	0.418	0.298	0.628	<b>0.322</b>	0.926	1:10"
28405	NA	7 MM 180 gr VLD Target	0.284	1.520	0.243	0.777	0.789	0.500	0.319	0.683	<b>0.350</b>	0.911	1:9"
28407	28707	7 MM 180 gr Hybrid Target	0.284	1.527	0.245	0.852	0.768	0.430	0.319	0.680	<b>0.349</b>	0.915	1:9"
28408	NA	7 MM 184 gr F-Open Hybrid Target	0.284	1.575	0.225	0.808	0.820	0.542	0.326	0.695	<b>0.356</b>	0.937	1:9"
<b>30 CAL      The slightly thicker jacket on our Target line gets your bullet to the target every time</b>													
30421	30721	30 Cal 115 gr FB Target	0.308	0.940	FB	0.699	0.340	0.241	0.173	<b>0.289</b>	NA	NA	1:19"
30407	NA	30 Cal 150 gr FB Target	0.308	1.155	FB	0.762	0.532	0.393	0.226	<b>0.393</b>	NA	NA	1:15"
30408	NA	30 Cal 155 gr VLD Target	0.308	1.249	0.173	0.746	0.554	0.330	0.233	0.464	<b>0.238</b>	0.981	1:14"
30426	30726	30 Cal 155 gr Hybrid Target	0.308	1.271	0.221	0.798	0.545	0.252	0.233	0.478	<b>0.245</b>	0.953	1:12"
30416	30716	30 Cal 155.5 gr FULLBORE Target	0.308	1.226	0.181	0.816	0.538	0.229	0.234	0.473	<b>0.242</b>	0.968	1:13"
30410	NA	30 Cal 168 gr VLD Target	0.308	1.251	0.171	0.750	0.556	0.330	0.253	0.507	<b>0.260</b>	0.973	1:13"
30425	NA	30 Cal 168 gr Hybrid Target	0.308	1.287	0.223	0.795	0.563	0.269	0.253	0.515	<b>0.264</b>	0.960	1:12"
30420	NA	30 Cal 175 gr Long Range BT Target	0.308	1.314	0.186	0.794	0.659	0.334	0.264	0.512	<b>0.262</b>	1.005	1:13"
30412	NA	30 Cal 175 gr VLD Target	0.308	1.342	0.183	0.745	0.647	0.414	0.264	0.512	<b>0.262</b>	1.006	1:13"
30418	30718	30 Cal 185 gr Juggernaut Target	0.308	1.344	0.221	0.787	0.691	0.336	0.279	0.555	<b>0.284</b>	0.980	1:12"
30413	NA	30 Cal 185 gr VLD Target	0.308	1.383	0.219	0.757	0.674	0.407	0.279	0.543	<b>0.278</b>	1.002	1:12"
30424	NA	30 Cal 185 gr Hybrid Target	0.308	1.418	0.241	0.831	0.657	0.346	0.279	0.576	<b>0.295</b>	0.944	1:11"
30427	30727	30 Cal 200 gr Hybrid Target	0.308	1.489	0.243	0.836	0.726	0.410	0.301	0.616	<b>0.316</b>	0.954	1:11"
30417	NA	30 Cal 200.20X gr Hybrid Target	0.308	1.508	0.227	0.848	0.706	0.413	0.301	0.640	<b>0.328</b>	0.918	1:11"
30419	NA	30 Cal 210 gr Long Range BT Target	0.308	1.462	0.217	0.814	0.789	0.431	0.316	0.625	<b>0.320</b>	0.987	1:11"
30415	30715	30 Cal 210 gr VLD Target	0.308	1.460	0.207	0.738	0.784	0.529	0.316	0.621	<b>0.318</b>	0.994	1:11"
30429	30729	30 Cal 215 gr Hybrid Target	0.308	1.598	0.263	0.872	0.799	0.463	0.324	0.691	<b>0.354</b>	0.915	1:10"
30430	30730	30 Cal 230 gr Hybrid Target	0.308	1.668	0.280	0.859	0.875	0.529	0.346	0.717	<b>0.368</b>	0.941	1:10"
<b>375 CAL SOLIDS      New Extreme Long Range Match Solids are optimized VLDs designed for shooting distances of two miles and beyond.</b>													
37379	NA	375 Cal 379 gr Solid	0.375	2.236	0.308	1.122	0.679	0.371	0.385	0.951	<b>0.487</b>	0.790	1:8"
37407	NA	375 Cal 407 gr Solid	0.375	2.347	0.300	1.132	0.715	0.415	0.413	1.022	<b>0.523</b>	0.790	1:8"

Part #	Quantity Pack #	Description	Bullet Dia.	OAL	Boat Tail	Nose Length	Base to Ogive	Bearing Surface	Sectional Density	G1 BC	G7 BC	G7 Form Factor	Minimum Twist (or faster)
<b>TACTICAL BULLETS      TACTICAL BULLETS      TACTICAL BULLETS</b>													
<b>22 CAL</b>													
22101	NA	22 Cal 77 gr OTM Tactical	0.224	1.015	0.133	0.513	0.587	0.370	0.219	0.374	<b>0.192</b>	1.142	1:8"
<b>6.5 MM      Our Tactical line is designed to work best in rifles used in real world tactical situations</b>													
26195	26795	6.5 MM 130 gr AR Hybrid OTM Tactical	0.264	1.295	0.230	0.709	0.665	0.356	0.266	0.560	<b>0.287</b>	0.928	1:10"
<b>30 CAL      Our Tactical bullets are proven to be accurate improving hit probability</b>													
30105	NA	30 Cal 175 gr OTM Tactical	0.308	1.261	0.215	0.755	0.627	0.292	0.264	0.512	<b>0.263</b>	1.002	1:13"
30107	NA	30 Cal 185 gr Juggernaut OTM Tactical	0.308	1.355	0.223	0.789	0.693	0.343	0.279	0.552	<b>0.283</b>	0.985	1:12"
30112	NA	30 Cal 230 gr Hybrid OTM Tactical	0.308	1.608	0.272	0.794	0.883	0.542	0.346	0.710	<b>0.364</b>	0.953	1:10"
<b>338 CAL      These bullets are made with thicker jackets allowing them to perform reliably under the most abusive conditions</b>													
33107	33792	338 Cal 250 gr Hybrid OTM Tactical	0.338	1.635	0.319	0.962	0.758	0.354	0.313	0.682	<b>0.349</b>	0.895	1:12"
33109	33794	338 Cal 300 gr Hybrid OTM Tactical	0.338	1.819	0.311	0.955	0.945	0.515	0.375	0.822	<b>0.421</b>	0.891	1:10"