

6mm DASHER

Test Specifications:

Firearm Used: Universal

Barrel Length: 24"

Twist: 1 x 8"

Components:

Case: Norma

Trim-to Length: 1.550"

Primer: CCI BR4

Remarks:

With the growing popularity of F-Class competition and long distance shooting in general, where High BC, High Speed/Low Drag is everything, came the birth of a new wildcat cartridge, the 6mm Dasher.

For distances out to 1000 yards, the 6mm Dasher is the choice of many Top Competitors.

The Dasher is based on the 6mm BR cartridge with the shoulder blown forward .100" and "Improved" with a 40 degree shoulder angle.

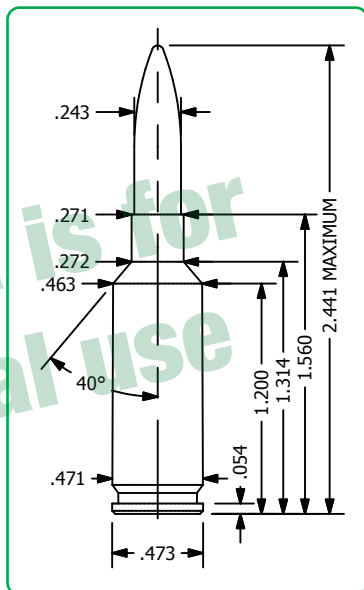
Forming 6mm Dasher cases is as simple as firing 6BR cases in the 6mm Dasher chamber.

The Dasher isn't too picky when it comes to powder choice, but Reloder15 and Hodgdon's Varget seem to be the most popular with the Dasher crowd.


Sierra makes two bullets that really shine for long distance Competition in the 6mm Dasher. The 107 grain MatchKing #1570 and the 110 grain MatchKing #1575, with their High ballistic coefficients, give excellent results.

For those who like something "different" than mainstream cartridges for hunting, the Dasher makes an excellent cartridge for varmints and light-to-medium game as well. Bullet choices include the 90 grain GameChanger (TGK) #4100, 85 grain HPBT GameKing #1530, or either of the excellent 100 grain #1540 SPT ProHunter and #1560 SBT GameKings for deer. There are many wonderful choices in the Sierra 6mm/.243" bullet line for varminting.

If long distance precision out to 1000 yards is your game, look no further than the 6mm Dasher.




6mm DASHER

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1502	.243"	55gr.	BlitzKing	2.250"				
Powder	Velocity	3100	3200	3300	3400	3500	3600	3700	
Benchmark					32.7	33.6	34.7	35.7	
IMR 8208 XBR					33.8	34.7	35.6	36.6	
H4895					33.3	34.2	35.2	36.2	
N135					32.6	33.8	34.9		
A 2495				33.5	34.6	35.7	36.8		
IMR 4166 End.				33.7	34.5	35.5	36.8		
A 4064		32.5	33.4	34.3	35.4				
RE 15					35.6	36.6	37.6	38.8	
N140					35.5	36.6	37.7	38.9	
Varget				34.2	35.3	36.4	37.5	38.7	
AR Comp						33.4	34.5	35.6	
Energy Ft. Lbs		1173	1250	1330	1412	1496	1582	1672	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs					
Accuracy Load	IMR 8208 XBR	36.6	3700	1672					
Hunting Load	Benchmark	35.7	3700	1672					




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Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1500	.243"	60gr.	HP	2.200"				
Powder	Velocity	3150	3250	3350	3450	3500	3550	3600	
Benchmark			30.5	31.7	32.9	33.4	34.0		
IMR 8208 XBR				32.9	34.0	34.6	35.1	35.7	
H4895				32.4	33.5	34.1	34.6	35.2	
N135			30.5	31.8	33.1				
A 2495			32.8	33.9	35.2	35.8			
IMR 4166 End.	32.3	33.3	34.4	35.6					
A 4064	32.5	33.4	34.6	35.9					
RE 15				35.1	36.1	36.7	37.2		
N140			33.5	34.8	36.0	36.6			
Varget				34.3	35.5	36.1	36.8	37.4	
AR Comp				31.6	32.9	33.5	34.2		
Energy Ft. Lbs	1322	1407	1495	1585	1632	1679	1726		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs					
Accuracy Load	Benchmark	34.0	3550	1679					
Hunting Load	IMR 8208 XBR	35.7	3600	1726					




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Bullet	Caliber	Weight	Type	C.O.A.L.							
	#1505	.243"	70gr.	HPBT Match	2.260"						
	#1507	.243"	70gr.	BlitzKing	2.270"						
	#1510	.243"	75gr.	HP	2.200"						
Powder	Velocity	2750	2850	2950	3050	3100	3150	3200			
Benchmark				29.0	30.3	31.0	31.6				
IMR 8208 XBR				29.6	30.8	31.4	32.1	32.7			
H4895				29.3	30.7	31.3	31.9	32.5			
N135	26.7	27.9		29.2	30.5						
A 2495				30.5	31.7	32.3	32.9	33.5			
IMR 4166 End.			29.8	31.0	32.1	32.7	33.2				
A 4064				31.3	32.5	33.1	33.7	34.2			
RE 15				31.8	33.1	33.8	34.4	34.9			
N140				31.7	33.0	33.7	34.4				
Varget				30.9	32.3	32.9	33.6	34.2			
AR Comp				28.6	30.0	30.7	31.3				
Energy Ft. Lbs		1175	1262	1352	1446	1493	1542	1591			
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs							
Accuracy Load	IMR 8208 XBR	32.7	3200	1591							
Hunting Load	IMR 8208 XBR	32.7	3200	1591							

Sierra does not recommend MatchKing bullets for hunting applications.

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Bullet	Caliber	Weight	Type	C.O.A.L.						
	#1515	.243"	80gr.	Blitz SBT	2.220"					
	#1520	.243"	85gr.	SPT	2.230"					
	#1530	.243"	85gr.	HPBT	2.200"					
Powder	Velocity	2550	2650	2750	2850	2900	2950	3000		
Benchmark				27.4	28.8	29.5	30.2			
IMR 8208 XBR				27.9	29.1	29.8	30.5	31.3		
N135	24.8	26.0	27.3							
A 2495				28.5	29.7	30.4	31.2	32.0		
IMR 4166 End.				29.4	30.6	31.2	31.8	32.4		
A 4064					30.3	31.1	31.8	32.6		
RE 15					31.0	31.7	32.3	33.0		
N140				29.6	30.9	31.6	32.3			
Varget				28.9	30.2	30.8	31.5	32.1		
AR Comp				26.6	28.1	28.7				
H4831sc				27.6	28.9	29.5	30.2	30.9		
Energy Ft. Lbs	1155	1247	1343	1443	1494	1546	1598			
Special Load	Powder	Grains	Velocity	fps	Energy	Ft. lbs				
Accuracy Load	RE 15	33.0	3000		1598					
Hunting Load	IMR 8208 XBR	31.3	3000		1598					

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Bullet	Caliber	Weight	Type	C.O.A.L.
	#1535	.243"	90gr. FMJBT	2.250"
	#4100	.243"	90gr. TKG	2.420"*
	#1537	.243"	95gr. HPBT Match	2.440"*
	#7295	.243"	95gr. TMK Match	2.440"*



*requires a 1x9" or faster twist

Powder	Velocity	2400	2500	2600	2700	2800	2900	3000
H4895					27.9	29.3	30.7	
IMR 4166 End.				28.2	29.3	30.5		
A 4064				28.2	29.5	30.7		
RE 15					29.8	31.1	32.3	
N140				28.5	29.8	31.1		
Varget	25.9	27.0	28.2	29.4	30.6	31.9		
N540				28.4	29.6	30.8	32.0	
IMR 4451 End.				31.6	32.8	34.0		
H4350				31.3	32.5	33.7	34.9	
RE 16					32.6	33.8	35.1	36.2
AR Comp		25.1	26.3	27.6	29.0			
Hybrid 100V					32.0	33.2	34.4	
Energy Ft. Lbs		1151	1249	1351	1457	1566	1680	1798

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	N140	31.1	2800	1566
Hunting Load	RE 16	36.2	3000	1798

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Bullet	Caliber	Weight	Type	C.O.A.L.					
	#1540	.243"	100gr.	SPT	2.240"				
	#1560	.243"	100gr.	SBT	2.220"				


Powder	Velocity	2400	2500	2600	2650	2700	2750	2800
H4895			26.0	27.3	28.1	28.9		
IMR 4166 End.		26.0	27.2	28.4	29.0			
A 4064		26.2	27.5	28.7	29.3	29.9		
RE 15			27.8	29.1	29.8	30.4	31.1	
N140		26.6	27.9	29.2				
Varget			27.0	28.4	29.0	29.7		
N540			27.5	28.9	29.6	30.3	30.9	
IMR 4451 End.			30.6	31.8	32.4	33.1	33.9	
H4350				31.3	32.1	32.8	33.6	
RE 16				31.3	32.0	32.7	33.4	34.1
AR Comp	24.2	25.4	26.7	27.3				
Hybrid 100V				31.1	31.8	32.4	33.1	33.8
Energy Ft. Lbs		1279	1388	1501	1559	1618	1679	1741

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	H4350	33.6	2750	1679
Hunting Load	RE 16	34.1	2800	1741

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		Bullet Caliber Weight Type							C.O.A.L.
		#1570	.243"	107gr.	HPBT Match				2.400"*
		*requires a 1x8" or faster twist							
Powder v	Velocity >	2350	2450	2550	2650	2700	2750	2800	
H4895			25.5	26.9	28.3				
IMR 4166 End.			26.7	28.0	29.4				
A 4064			26.6	28.0	29.4				
RE 15			27.1	28.5	30.0	30.7			
N140			26.9	28.2					
Varget			26.7	28.0	29.5				
N540			26.7	28.0	29.3				
IMR 4451 End.			29.7	30.9	32.3	33.1			
H4350			29.1	30.6	32.1	32.8			
RE 16					31.9	32.7	33.5	34.2	
AR Comp		23.2	24.8	26.2					
Hybrid 100V				30.1	31.4	32.1	32.7	33.4	
Energy Ft. Lbs		1312	1426	1545	1668	1732	1796	1862	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs					
Accuracy Load	H4895	28.3	2650	1668					
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>									

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Bullet		Caliber	Weight	Type	C.O.A.L.				
		#1575	.243"	110gr.	HPBT Match	2.540"*			
*requires a 1x7" or faster twist									
Powder	Velocity	2350	2450	2500	2550	2600	2650	2700	
H4895		24.2	25.5	26.2	26.9	27.7			
IMR 4166 End.		25.7	27.0	27.6	28.3	29.0			
A 4064		25.5	26.8	27.4	28.1	28.9			
RE 15			27.2	27.9	28.6	29.3	30.0	30.6	
N140		25.7	27.2	27.9	28.5				
Varget			26.7	27.5	28.3	29.1			
N540			27.2	27.8	28.6	29.3			
IMR 4451 End.			30.0	30.6	31.3	31.9	32.7		
H4350			29.0	29.7	30.4	31.1	31.8		
RE 16					30.6	31.4	32.2	33.0	
AR Comp		23.7	25.1	25.8	26.6				
Hybrid 100V				29.7	30.4	31.1	31.8	32.4	
Energy Ft. Lbs		1349	1466	1526	1588	1651	1715	1780	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs					
Accuracy Load	AR Comp	26.6	2550	1588					
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