



Famosa por selecionar e balancear as melhores cargas e pólvoras, a Rottweil investe em pesquisa para conseguir lhe oferecer as melhores combinações de alcance, dispersão e potência. Atendendo os diferentes usos e aplicações com garantia de precisão e eficácia oferece em suas sete linhas de munições a possibilidade de cargas duplas com diferentes diâmetros de bagos.

## BI LOAD

STEEL MEETS BISMUTH

A world first:  
Bismuth + Steel

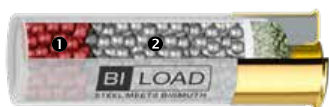
High quality, lead-free shot loads made from two different materials

- Unique combo: BI-LOAD is loaded with a combination of tinned steel shot and bismuth shot
- Two layers of shot: in front, heavy, red 3.8 mm bismuth shot for more energy; in the rear, lighter 3.5 mm steel shot for perfect patterning and high hit ratios
- The best of both worlds: bismuth is lead-free and heavier than soft iron, but as soft as lead
- Environmentally friendly: 100% lead-free shot
- The bigger the better: ideally suited to all species of waterfowl
- Visible technology: case, wad and closing disc are all transparent
- High quality: reliable ignition, abrasion-resistant case print, high brass head, sturdy packaging
- Visual confirmation: having red shot in front increases the visibility of the load
- High-performance load (HP): max. 1050 bar

### BI-LOAD 12/76 HP MAGNUM

- 1 8 g of 3.8 mm bismuth shot
  - 2 32 g of 3.5 mm soft iron shot
- 40 g of pure lead-free power

bleifrei  
GREEN  
lead-free



Gauge	Shot size	Weight	Pack unit.	V 2.5 m
12/76 HP Magnum	BI 3.8 mm + FE 3.5mm	40 g	10/box	375 m/sec

Enhanced steel shot proof

## FE LOAD

TWO LAYERS OF STEEL

Unique:  
10% heavier shot load

High quality, lead-free shot loads made from two layers of steel shot

- Over 10% more shot: FE-LOAD is at least 10% heavier than ordinary soft iron loads and thereby the heaviest steel shot load for its caliber
- Two layers of shot: in front, heavy, red 3.8 mm shot for more energy; in the rear, lighter 3.3 mm steel shot for perfect patterning and high hit ratios
- Environmentally friendly: 100% lead-free shot
- The bigger the better: ideally suited to all species of waterfowl
- Visible technology: case, wad and closing disc are all transparent
- High quality: reliable ignition, abrasion-resistant case print, high brass head, sturdy packaging
- Visual confirmation: having red shot in front increases the visibility of the load
- High-performance load (HP): max. 1050 bar

### FE-LOAD 12/76 HP MAGNUM

- 1 16 g of 3.8 mm soft iron shot
  - 2 24 g of 3.3 mm soft iron shot
- 40 g of pure lead-free power

bleifrei  
GREEN  
lead-free



Gauge	Shot size	Weight	Pack unit.	V 2.5 m
12/76 HP Magnum	FE 3.8mm + FE 3.3mm	40 g	10/box	375 m/sec

Enhanced steel shot proof

### BI-LOAD 12/70 HP

- 1 8g of 3.8 mm bismuth shot
  - 2 28g of 3.5 mm soft iron shot
- 36 g of pure lead-free power

bleifrei  
GREEN  
lead-free



Gauge	Shot size	Weight	Pack unit.	V 2.5 m
12/70 HP	BI 3.8mm + FE 3.5mm	36 g	10/box	375 m/sec

Enhanced steel shot proof

### FE-LOAD 12/70 HP

- 1 14 g of 3.8 mm soft iron shot
  - 2 22 g of 3.3 mm soft iron shot
- 36 g of pure lead-free power






bleifrei  
GREEN  
lead-free



Gauge	Shot size	Weight	Pack unit.	V 2.5 m
12/70 HP	FE 3.8mm + FE 3.3mm	36 g	10/box	375 m/sec

Enhanced steel shot proof



Item No.	Calibre	Bullet	Bullet weight		Primer	Barrel Length (mm) *	Velocity (m/sec)					Energy (Joules)				Ctg/ box
			g	gr			V <sub>0</sub>	V <sub>10</sub>	V <sub>25</sub>	V <sub>50</sub>	E <sub>0</sub>	E <sub>10</sub>	E <sub>25</sub>	E <sub>50</sub>		
240 81 23	<b>9mm Luger</b>	Action EXTREME	7.0	108	Anvil	150	400	391	377	356	560	535	497	444	20	
241 79 57	<b>9mm Luger</b>	Full Metal Jacket DTX	7.5	115	Anvil	150	370	362	349	332	513	491	457	413	50	
231 86 29	<b>9mm Luger</b>	Full Metal Jacket	8.0	124	Anvil	125	360	350	337	319	518	490	454	407	50	
231 82 21	<b>9mm Luger</b>	Encapsulated Full Metal Jacket	8.0	124		125	360	351	340	325	518	493	462	423	50	
231 81 95	<b>9mm Luger</b>	Lead Round-Nose, copper-plated	8.0	124		125	360	350	337	319	518	490	454	407	50	
240 99 85	<b>9mm Luger</b>	Hexagon	8.0	124	Anvil	150	350	341	328	311	490	465	430	387	50	
240 14 20	<b>9mm Luger</b>	Full Metal Jacket	8.0	124	Anvil	125	360	350	337	319	518	490	454	407	50	
231 77 07	<b>9mm Luger</b>	Jacketed Hollow Point	7.5	115	Anvil	150	370	355	335	319	513	472	422	407	50	
240 29 32	<b>9mm Luger</b>	Jacketed Hollow Point	8.0	124		150	362	355	344	330	524	503	475	435	20	
231 77 08	<b>9mm Luger</b>	Full Metal Jacket Flat Nose	10.0	154	Anvil	150	283	278	270	259	400	386	366	336	50	
231 75 09	<b>9x21</b>	Full Metal Jacket	8.0	124	Anvil	150	360	351	340	325	518	493	462	423	50	
241 08 56	<b>9x21</b>	Lead Round Nose, copper-plated	8.0	124	Anvil	150	360	351	338	321	518	493	423	412	50	
231 77 11	<b>.38 Super Auto</b>	Full Metal Jacket	8.0	124	Anvil	150	430	411	385	348	740	675	591	485	50	
240 33 52	<b>.40 S&amp;W</b>	Lead Round Nose, copper-plated	10.7	165		150	353	348	340	329	667	647	619	579	50	
231 77 12	<b>.40 S&amp;W</b>	Full Metal Jacket Flat Nose	11.7	180	Anvil	150	310	306	301	292	562	548	530	497	50	
240 44 64	<b>.45 Auto</b>	Hexagon	13.0	200	Anvil	150	261	260	258	254	441	437	431	418	50	
231 77 14	<b>.45 Auto</b>	Full Metal Jacket	14.9	230	Anvil	150	260	256	250	240	503	488	466	429	50	
240 30 90	<b>.45 Auto</b>	Lead Round Nose, copper-plated	14.9	230		150	261	259	257	253	508	501	492	476	50	
231 77 15	<b>.45 Auto</b>	Jacketed Hollow Point	14.9	230	Anvil	150	260	256	250	240	503	488	466	429	50	