



BPI COMPONENT GUIDE:

# HCD18 HELIX CUSHION DRIVER

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Designed to provide the shooter with maximum recoil reduction and to protect pellets from deformation.

The HCD18 is a popular choice for Annie Oakley shoots and heavy field applications because of its ability to manage heavy, tight payloads. A tough, shortsectioned field wad ideal for heavier upland and pigeon loads. The length of the slits at the shot cup base are slightly decreased to help reduce the amount the pattern opens upon exiting the barrel.

## RECOMMENDED MANUALS

There is so much more to shotshell reloading than just the load data. Safety is your TOP priority. In order to become a safe and competent reloader, one must continue the learning process by reading and researching. Don't try to outsmart the instructions! We offer over a half century of loading knowledge, wit, and wisdom in our publications. Our manuals are continually upgraded with new data and the latest tools and techniques. Available in print version or downloads from our website. **Therefore, we encourage you to master the information in our manuals, brochures, and "Load of the Week" at [www.ballisticproducts.com](http://www.ballisticproducts.com)**



### TECHNICAL SPECS:

OVERALL LENGTH:	1.495"
DIAMETER:	0.725"
SHOTCUP DEPTH:	0.740"
SEAL TO CUP BOTTOM:	0.755"
THICKNESS:	0.035"



LD12HCD18



**WARNING**

Cancer and Reproductive Harm  
- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

LOAD ID	GA.	HULL	PRIMER	POWDER	POWDER GRNS.	GAS SEAL	WAD	FILLER WADS & LOAD INSERTS	OVER SHOT	SHOT (OZ.)	SHOT (GRNS.)	SHOT SIZE	BUFFER (GRAINS)	PSI	FPS
<b>12-GAUGE • 2-3/4" LENGTH • LEAD SHOT • FOLD CRIMP</b>															
150215-6256	12	Cheddite	Ched209	Green Dot	28.0		HCD18	X-Stream Spreader	0S12	7/8	382.8	Lead #8/9		10200	1520
121022-4287-5	12	Cheddite (paper)	Ched209	Unique	26.0		HCD18			1 1/8	492.2	Lead #5		9000	1240
101006-2519	12	Winchester AA HS	Win209	Clays	18.0		HCD18			1 1/8	492.2	Lead #8		10200	1175
101006-2520B	12	Winchester AA HS	Win209	Clays	19.0		HCD18			1 1/8	492.2	Lead #8		10600	1220
130505-4763	12	Cheddite	Ched209	Unique	30.0		HCD18			1 1/4	546.9	Lead #7.5		10800	1395
130505-4764	12	Cheddite	Ched209	Universal	26.0		HCD18		0S12	1 1/4	546.9	Lead #7.5		10600	1305
121022-4288-5	12	Cheddite (paper)	Ched209	Unique	28.0		HCD18			1 1/4	546.9	Lead #5		9300	1300
121022-4285R-6	12	Fiocchi (paper)	Fio616	Unique	27.0		HCD18			1 1/4	546.9	Lead #6		9600	1280
90826-1230	12	Federal PB	Fed209A	Blue Dot	42.0		HCD18			1 3/8	601.6	Lead #6		9500	1360
141204-6147	12	Federal PB	Fed209A	Longshot	26.0		HCD18			1 5/8	710.9	Lead #5		8700	1125
<b>12-GAUGE • 2-3/4" LENGTH • BISMUTH SHOT • FOLD CRIMP</b>															
161003-9031	12	Cheddite	Ched209	Green Dot	25.0		HCD18			1 1/8	492.2	Bismuth #6		10700	1325
161007-9041	12	Cheddite	Ched209	Unique	26.0		HCD18			1 1/4	546.9	Bismuth #6	12gr BSB	10500	1215

## OTHER USEFUL COMPONENTS



**20GA 1/8" CORK WADS**  
18CW20 | #1222820



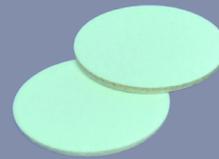
**20GA 1/4" CORK WADS**  
14CW20 | #1222420



**20GA 1/8" FELT WADS**  
18FW20 | #1221820



**20GA 1/4" FELT WADS**  
14FW20 | #1221420



**12GA OVERSHOT CARDS**  
0S12 | #0S 12

Filler & cushion wads occupy space below the pellets so that the load can be crimped properly. Remember, different payloads and different pellet sizes occupy different volumes, so you will want an assortment of sizes on hand. Overshot cards improve overall crimp quality and seal in small shot and/or buffer. **We recommend 20 gauge felt or cork fillers for inside the 12 gauge wads.**

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**ITALICIZED COMPONENTS ARE NO LONGER IN PRODUCTION, BUT MAY STILL BE FOUND IN CIRCULATION. CONSULT YOUR RELOADING MANUAL FOR ADDITIONAL DETAILS AND INFORMATION.**