



BPI COMPONENT GUIDE:

HCD21 HELIX CUSHION DRIVER

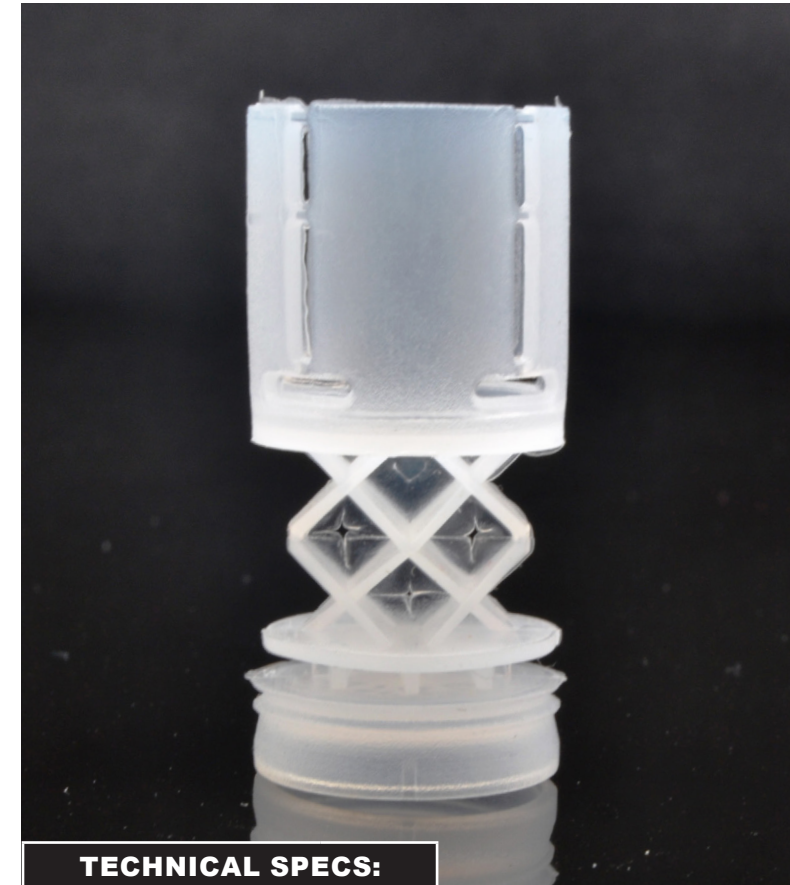
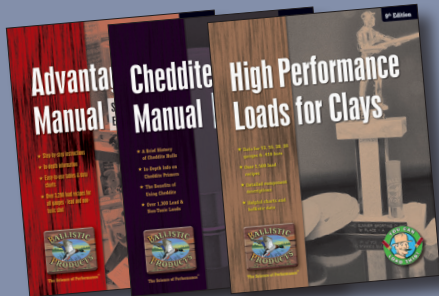
WWW.BALLISTICPRODUCTS.COM

The helix design of the HCD21 cushion section gives this wad its unique character. The HCD21 has the ability to throw tighter patterns. The length of the slits at the base of the shot cup are slightly decreased to produce center density at longer ranges. The pliable Helix cushioning system is designed to reduce recoil.

Superb 1-1/8 oz. patterns, optimum range of 30-65 yards. An excellent wad for handicap trap shooting and field loads.

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**



TECHNICAL SPECS:

OVERALL LENGTH:	1.600"
DIAMETER:	0.725"
SHOTCUP DEPTH:	0.755"
SEAL TO CUP BOTTOM:	0.865"
THICKNESS:	0.035"



LD12HCD21



WARNING

Cancer and Reproductive Harm
- 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
12-GAUGE • 2-1/2" LENGTH • BISMUTH SHOT • ROLL CRIMP															
160719-8224	12	Cheddite	Ched209	Clays	18.0		HCD21		COS12	7/8	382.8	Bismuth #4/6/7		7600	1215
160719-8232	12	Cheddite	Ched209	Clays	20.0		HCD21		COS12	7/8	382.8	Bismuth #4/6/7		8700	1325
12-GAUGE • 2-3/4" LENGTH • LEAD SHOT • FOLD CRIMP															
130415-4703	12	Cheddite	Ched209	Green Dot	32.0		HCD21			7/8	382.8	Lead #7.5		10500	1680
130415-4705	12	Cheddite	Ched209	Green Dot	30.0		HCD21			15/16	410.2	Lead #7.5		10400	1595
130214-4601	12	Fiocchi	Fio616	Green Dot	28.0		HCD21			15/16	410.2	Lead #7.5		9400	1510
161201-9140	12	Remington STS	Rem209	Universal	28.0		HCD21			1	437.5	Lead #6		10900	1450
130422-4720	12	Winchester AA HS	N209	Universal	29.0		HCD21			1	437.5	Lead #8		10900	1520
230817-11941.2	12	Cheddite	Ched209	Longshot	37.0		HCD21		OS12	1 1/8	492.2	NP Lead #4	18gr Original	8800	1576
121022-4277	12	Federal (paper)	Fed209A	Green Dot	24.0		HCD21			1 1/8	492.2	NP Lead #6		11000	1370
121022-4282-4	12	Fiocchi (paper)	Fio616	Unique	28.0		HCD21			1 1/8	492.2	Lead #4		8600	1305
121022-4282-6	12	Fiocchi (paper)	Fio616	Unique	28.0		HCD21			1 1/8	492.2	Lead #6		8600	1305
970307-307G	12	Remington STS	Win209	Unique	24.0		HCD21		COS12	1 1/8	492.2	Lead #7.5		11000	1300

OTHER USEFUL COMPONENTS



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



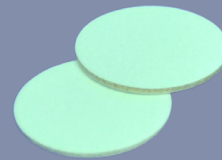
20GA 1/4" CORK WADS
14CW20 | #1222420



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



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



12GA OVERSHOT CARDS
OS12 | #OS 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.**

WARNING: BALLISTIC PRODUCTS, INC. DISCLAIMS ALL POSSIBLE LIABILITY FOR DAMAGES, INCLUDING ACTUAL, INCIDENTAL, AND CONSEQUENTIAL, RESULTING FROM USAGE OF INFORMATION OR ADVICE CONTAINED IN THIS AND OTHER PUBLICATIONS, LABELS, CATALOGS AND BOOKLETS. USE DATA AND ADVICE AT YOUR OWN RISK AND WITH CAUTION. WHERE DATA LIST SPECIFIC COMPONENTS, NO CHANGES OR SUBSTITUTIONS FOR THESE COMPONENTS CAN BE MADE WITHOUT RISKING SIGNIFICANT CHANGES IN THE LEVEL OF BALLISTIC PERFORMANCE AND/OR SAFETY OF THE LOADS SHOWN. FOLLOW LOADING DATA EXACTLY AND DO NOT SUBSTITUTE COMPONENTS. WE MAKE NO WARRANTIES EXPRESS OR IMPLIED, LIMITED OR FULL. FAILURE TO COMPLY WITH THESE AND OTHER STANDARDS OF RELOADING MAY RESULT IN ACCIDENTS WITH SERIOUS INJURY AND/OR DEATH TO THE SHOOTER AND/OR BYSTANDERS. KEEP OUT OF REACH OF CHILDREN. WE DISCLAIM ANY AND ALL LIABILITY FOR DAMAGE OR INJURY THAT MAY RESULT FROM YOUR HANDLOADED SHOTSHELLS AS WE HAVE NO CONTROL OVER ANY OF THE NUMEROUS POSSIBLE VARIATIONS IN COMPONENT PRODUCTION LOTS, IN TOOL AND DIE DIMENSIONS, IN YOUR LOADING PRACTICES AND PROCEDURES. THE INDIVIDUAL RELOADER IS SOLELY RESPONSIBLE FOR ANY VARIATION THAT MAY BE INCURRED BY ASSEMBLED AMMUNITION. TO AVOID SERIOUS INJURY OR DEATH TO SHOOTER AND BYSTANDERS, THIS PRODUCT SHOULD ONLY BE USED IN GUNSMITH-INSPECTED GUNS DESIGNED FOR MODERN SHOTSHELLS. IF GUN FAILS TO FIRE, KEEP POINTED IN SAFE DIRECTION FOR 30 SECONDS, THEN UNLOAD CAREFULLY. WEAR EYE AND EAR PROTECTION AND OBSERVE PROPER GUN SAFETY AT ALL TIMES. ALL PRODUCTS SOLD "AS IS".

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