



BPI LOAD GUIDE:

BP2093 CHARGER WAD

WWW.BALLISTICPRODUCTS.COM

20GA 2-3/4" & 3" LEAD SHOT WAD

The BP2093 is the closest wad in our line to the dimensions of the good old Federal 20S1. While we aren't ready to call it a substitute yet, our lab is cross-testing many 20S1 loads with the BP2093.

Design: The shotcup and overall length of the BP2093 is shorter than the 20S1, but most every other dimension is nearly identical. When side by side, the column height and wad base are nearly the same. The shorter shotcup of the BP2093 is slit and tabbed, which makes the BP2093 ideally suited for high-speed production. The honeycomb cushion section absorbs energy and adjusts easily to varied load heights. From the bottom of the gas seal to the base of the wad the dimensions are the same as the 20S1. Therefore, volumes and stack heights will be nearly identical. We've included the comparable dimensions of the 20S1 below.

Type: 7/8 oz and 1 oz lead loads in 2-3/4" and 1-1/8 oz lead loads in 3". Other field loads include bismuth pellets.

Overall length: 1.462" (20S1 = 1.685")

Shotcup depth: 0.733" (20S1 = 0.945")

Gas Seal depth: 0.155" (20S1 = 0.155")

Gas Seal diameter: 0.626" (20S1 = 0.625")

Cup Bottom to Gas Seal Bottom: 0.748" (20S1 = 0.748")

Product Type: Wad, lead and bismuth shot for target and field.



WAD SPECIFICATIONS:

- **Overall length:** 1.462"
- **Shotcup depth:** 0.733"
- **Gas Seal depth:** 0.155"
- **Cushion section:** 0.748"
- **Product Type:** Wad, lead and bismuth shot for target and field.

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
20-GAUGE • 2-3/4" LENGTH • LEAD SHOT • FOLD CRIMP															
120502-3828	20	Cheddite	Ched209	800X	25	NC20	BP2093			5/8	273	Lead		10400	1650
90717-1036	20	Fiocchi	Fio616	800X	25	NC20	BP2093			5/8	273	Lead		10800	1710
90711-1059A	20	Fiocchi	Fio616	800X	26	NC20	BP2093			5/8	273	Lead		11000	1740
90722-1059	20	Fiocchi	Fio616	800X	27	NC20	BP2093			5/8	273	Lead		11200	1770
90715-1034	20	Fiocchi	Fio616	Unique	24	NC20	BP2093			5/8	273	Lead		10200	1650
90715-1024	20	Fiocchi	Fio616	Universal	24	NC20	BP2093			5/8	273	Lead		9700	1590
90715-1028A	20	Fiocchi	Fio616	Universal	24.5	NC20	BP2093			5/8	273	Lead		10000	1625
90511-839	20	Fiocchi	Fio616	Green Dot	16		BP2093		OS20	7/8	382	Lead		11000	1250
90511-840	20	Fiocchi	Fio616	Green Dot	16.5		BP2093		OS20	7/8	382	Lead		11300	1270
90511-837	20	Fiocchi	Fio616	Unique	18		BP2093		OS20	7/8	382	Lead		11000	1290
90423-787C	20	Remington STS	Rem209P	International	13.9		BP2093			7/8	382	Lead		11000	1200
90423-787	20	Remington STS	Rem209P	International	14		BP2093			7/8	382	Lead		11200	1210
90423-786	20	Remington STS	Rem209P	Universal	15		BP2093			7/8	382	Lead		9300	1130
10024-1729	20	<i>Rio</i>	<i>Rio209</i>	Green Dot	16		BP2093		OS20	7/8	382	Lead		11000	1255
100204-1739	20	<i>Rio</i>	<i>Rio209</i>	International	16		BP2093		OS20	7/8	382	Lead		11100	1270
90511-845	20	Fiocchi	Fio616	Blue Dot	22		BP2093		OS20	1	437	Lead	10gr Original	9100	1135
90511-845B	20	Fiocchi	Fio616	Blue Dot	22.6		BP2093			1	437	Lead	10gr Original	9300	1200
90511-846	20	Fiocchi	Fio616	Blue Dot	24		BP2093			1	437	Lead	10gr Original	9500	1215
90511-843	20	Fiocchi	Fio616	Herco	18		BP2093		OS20	1	437	Lead		11100	1250
90511-844	20	Fiocchi	Fio616	Herco	19		BP2093		OS20	1	437	Lead		11500	1305
100204-1741B	20	<i>Rio</i>	<i>Rio209</i>	Blue Dot	26		BP2093			1	437	Lead		10000	1300
100204-1741	20	<i>Rio</i>	<i>Rio209</i>	Blue Dot	28		BP2093			1	437	Lead		10600	1380
100204-1725S	20	<i>Rio</i>	<i>Rio209</i>	Herco	17.8		BP2093			1	437	Lead		9900	1200
100204-1725	20	<i>Rio</i>	<i>Rio209</i>	Herco	18		BP2093			1	437	Lead		10200	1215
100204-1725C	20	<i>Rio</i>	<i>Rio209</i>	Herco	19		BP2093			1	437	Lead		10800	1285

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

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
20-GAUGE • 3" LENGTH • LEAD SHOT • FOLD CRIMP															
90526-912	20	Fiocchi	Fio616	Blue Dot	28		BP2093			1 1/8	492	Lead	10gr Original	10700	1355
90526-913	20	Fiocchi	Fio616	Steel	30		BP2093			1 1/8	492	Lead	10gr Original	9300	1380

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