

# WELD-ON CASING SHOES

## CARBIDE-STUDED "WELD-ON" STYLE RING BITS

CONICAL (BALLISTIC CARBIDE) INSERT

Install conductor, top-hole, surface, rat-hole (mouse-hole) and horizontal casings quickly and efficiently – through overburden & rock – with our complete line of **WELD-ON CASING SHOES.**



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# ONE CASING SHOE DOES NOT FIT ALL...

- Job site delivery – one piece or 100
- Attuned to the needs of TODAY'S drilling contractor
- Custom designs – turned around quickly
- Durability built into every ring
- Induction-braised or press-fit carbide inserts assure each boring ends the way it started
- Committed to be the world leader in Casing shoe design, production & delivery

**USEXPLORATION EQUIPMENT COMPANY –  
YOUR SOURCE TODAY AND EVERY DAY FOR  
THE FINEST WELD-ON CASING SHOE...PERIOD!**

- Contractor-based design concepts assure success through all applications
- Cut a hole flush with the O.D. of your casing
- Cut a hole larger than the O.D. of your casing
- Narrow or oversized cutting face
- Select from a wide range of carbide inserts
- Utilize in Conventional, Dual-Rotary or Reverse-Circulation applications
- In overburden or hard rock
- Straight and deep holes — vertically or at an angle
- Induction-braised or press-fit assures the insert that starts the hole, finishes it



Induction braised carbide button insert - flush O.D. shoe



Press-fit ballistic carbide insert – flush O.D. shoe



O.D. gauge protection is standard in our over-sized shoes



Wide cutting surface with an array of inserts on the face & O.D. gauge protection



Oversized carbide inserts for softer rock formations in a wide face shoe



Ballistic style carbide insert standard in our heavy-duty x flush O.D. shoes



CASING SHOE SIZE	CUTTING FACE WIDTH	CARBIDE INSERT TYPE	BITS PER SHOE	PART NUMBER
9-5/8-inch (244.5 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	24-pieces	27-9625HD-BC
9-5/8-inch (244.5 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	16-pieces	27-9625SD-BC
12-inch (305 mm)	5/8-inch (15.8 mm)	Pointed Dome Style	38-pieces	27-1200HD-PD
16-inch (406.4 mm)	5/8-inch (15.8 mm)	Button Style	50-pieces	27-1600HD-BB
16-inch (406.4 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	50-pieces	27-1600HD-BC
16-inch (406.4 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	12-pieces	27-1600SD-BC
18-inch (457.2 mm)	2-5/8-inch (68.3 mm)	Pointed Dome Style	48-pieces	27-1812625HD-PD
18-1/2-inch (470 mm)	3/4-inch (19 mm)	Button Style	60-pieces	27-1850HD-BB
19-1/16-inch (484.2 mm)	5/8-inch (15.8 mm)	Pointed Dome Style	60-pieces	27-1906HD-PD
20-inch (508 mm)	5/8-inch (15.8 mm)	Button Style	60-pieces	27-2000HD-BB
20-inch (508 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	60-pieces	27-2000HD-BC
20-inch (508 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	14-pieces	27-2000SD-BC
21-1/2-inch (546.1 mm)	1-1/8-inch (29 mm)	Ballistic "Bullet" Style	54-pieces	27-2151925HD-BC
21-1/2-inch (546.1 mm)	1-1/8-inch (29 mm)	Pointed Dome Style	42-pieces	27-2151925SD-PD
22-1/2-inch (571.5 mm)	2-1/4-inch (57.2 mm)	Pointed Dome Style	90-pieces	27-22517875HD-PD
24-inch (609.6 mm)	5/8-inch (15.8 mm)	Button Style	76-pieces	27-2400HD-BB
24-inch (609.6 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	76-pieces	27-2400HD-BC
24-inch (609.6 mm)	5/8-inch (15.8 mm)	Ballistic "Bullet" Style	16-pieces	27-2400SD-BC
24-inch (609.6 mm)	2-3/8-inch (60.3 mm)	C-20 Series Bullet Bits		27-2420RC-BC20
25-1/2-inch (648 mm)	1-1/8-inch (29 mm)	Pointed Dome	54-pieces	27-2552325SD-PD
26-inch (660.4 mm)	3-3/8-inch (85.7 mm)	C-20 Series Bullet Bits		27-2620RC-BC20
30-inch (762 mm)	3/4-inch (19 mm)	Button Style	68-pieces	27-3000HD-BB
30-inch (762 mm)	3/4-inch (19 mm)	Ballistic "Bullet" Style	68-pieces	27-3000HD-BC
30-inch (762 mm)	3/4-inch (19 mm)	Pointed Dome	68-pieces	27-3000HD-PD
36-inch (914.4 mm)	3/4-inch (19 mm)	Button Style	82-pieces	27-3600HD-BB
36-inch (914.4 mm)	3/4-inch (19 mm)	Ballistic "Bullet" Style	82-pieces	27-3600HD-BC
36-inch (914.4 mm)	3/4-inch (19 mm)	Pointed Dome	82-pieces	27-3600HD-PD

Many sizes, insert types and bits available. If you don't see what you need on this chart, please call us for a custom quote.



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