



LOW CARBON STEEL CASING & ACCESSORIES

**MINERAL EXPLORATION
ENVIRONMENTAL
GEOTECHNICAL
GEOTHERMAL
ROTARY
SONIC
HDD**



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LOW CARBON STEEL CASING & PITLESS ADAPTERS

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LOW CARBON STEEL & PITLESS ADAPTERS



Hole Products offers a wide range of low carbon steel (LCS) casings and fittings in sizes from 1/4" – 36". Low carbon steel is easily weldable, making it the preferred choice for water well, monitoring well, and surface casings. In addition, we offer a complete line of low carbon steel accessories including drive shoes, welding clamps, and more.

In addition, we offer weld-on and clamp-on style pitless adapters in a wide range of sizes for use in all well types and for shallow or deep settings.

Pitless adapters provide the connection between the water pipe from the well pump to an underground discharge line.

Please contact your Hole Products representative for additional information and ordering assistance.

*Products listed in the catalog are representative of the most common industry sizes and styles.
Please contact your Hole Products representative for additional product offerings.*

LOW CARBON STEEL CASING

Hole Products offers a complete line of low carbon steel casings in sizes from 1/4" - 36" +, with a variety of wall thicknesses, multiple lengths, and plain or threaded ends.

Carbon steel pipe is easily welded, machined, and drilled, making it a great choice for water wells, monitoring wells, and surface casings.

Our standard low carbon steel casing is manufactured according to ASTM A53B and electronic resistance welded. ASTM A53A (galvanized steel) and continuous welded pipe is available on request.

Please contact your Hole Products representative for availability of additional sizes and styles.

LOW CARBON STEEL CASING (A53B ERW)				
PART #	OD*	WALL THICKNESS*	LENGTH*	CONNECTION TYPE**
4551031	2 3/8"	0.154"	21'	PLAIN END
4451023	2 3/8"	0.154"	21'	THREADED & COUPLED
4551032	3 1/2"	0.226"	21'	PLAIN END
4551040	3 1/2"	0.226"	21'	THREADED & COUPLED
4450003	4 1/2"	0.237"	21'	PLAIN END
4450006	4 1/2"	0.237"	21'	THREADED & COUPLED
4450004	5 9/16"	0.258"	20'	PLAIN END
4450001	5 9/16"	0.258"	21'	PLAIN END
4450013	5 9/16"	0.258"	21'	THREADED & COUPLED
4451001	6 5/8"	0.280"	20'	PLAIN END
4450010	6 5/8"	0.280"	21'	PLAIN END
4451010	6 5/8"	0.280"	21'	THREADED & COUPLED
4450015	8 5/8"	0.322"	20'	PLAIN END
4451002	8 5/8"	0.322"	21'	PLAIN END
4551045	10 3/4"	0.250"	20'	PLAIN END
4450019	10 3/4"	0.250"	21'	PLAIN END
4450020	10 3/4"	0.365"	20'	PLAIN END
4450022	10 3/4"	0.365"	21'	PLAIN END
4451021	12 3/4"	0.250"	20'	PLAIN END
4551050	12 3/4"	0.250"	21'	PLAIN END
4551055	12 3/4"	0.375"	20'	PLAIN END
4450025	12 3/4"	0.375"	21'	PLAIN END
4551060	14"	0.375"	20'	PLAIN END
4551037	14"	0.375"	21'	PLAIN END
4551065	16"	0.375"	20'	PLAIN END
4450050	16"	0.375"	21'	PLAIN END
4551070	18"	0.375"	20'	PLAIN END
4450055	18"	0.375"	21'	PLAIN END
4551075	20"	0.375"	20'	PLAIN END
4550056	20"	0.375"	21'	PLAIN END

*Additional sizes, wall thicknesses and lengths are available.

**Additional connections are available.

DRIVE SHOES

Drive shoes are designed to protect the pipe or casing from splitting during casing advancement.

Hole Products offers drive shoes ranging in sizes from 2" - 60", cable tool, and rotary styles for weld on or threaded applications.

Please contact your Hole Products representative for availability of additional sizes and styles.

CABLE TOOL STYLE

Cable tool style drive shoes are standard design for cable tool drilling and often used in rotary drilling. The outer surface of the shoe is straight with the bevel on the inside edge.

CABLE TOOL STYLE - WELD ON*		
PART #	CASING O.D.	SHOE O.D.
4550037	4 1/2"	5"
4550040	5 9/16"	6 1/20"
4550005	6 5/8"	7 3/8"
4550000	6 5/8"	7 5/8"
4550045	7"	7 21/32"
4550050	8 5/8"	9 5/8"
4550060	10 3/4"	11 3/4"
4550065	12 3/4"	14"
4550067	14"	15"
4550070	16"	17"
4550072	18"	19"
4550074	20"	21"
4550078	24"	25"

*Threaded cable tool style drive shoes available on request.

ROTARY STYLE

Rotary style drive shoes have an outside bevel above the cutting edge to ensure a good seat where driving may not be possible.

ROTARY STYLE - WELD ON*		
PART #	CASING O.D.	SHOE O.D.
4550038	4 1/2"	5"
4550043	5 9/16"	6"
4550015	6 5/8"	7 3/8"
4550026	6 5/8"	7"
4550045	7"	8"
4550055	8 5/8"	9"
4550061	10 3/4"	11"
4550066	12 3/4"	14"
4550068	14"	15"
4550069	16"	17"
4550072	18"	19"
4550074	20"	21"
4550078	24"	25"

*Threaded rotary style drive shoes available on request.



DUAL ROTARY SHOES

Dual rotary shoes are designed for use on dual rotary drilling operations. They are welded to the bottom casing section and feature carbide studs to cut through the overburden.

DUAL ROTARY SHOES		
PART #	CASING O.D.	SHOE O.D.
4850120	6 5/8"	7 5/8"
4850121	8 5/8"	9 5/8"
4850132	10 3/4"	11 3/4"
4850122	12 3/4"	13 5/8"
4850165	14"	15"
4850168	16"	16 5/8"



**Dual rotary shoes have the same I.D. as the casing I.D.*

WELDING CLAMPS

Hole Products offers a wide range of quality welding clamps for use with a variety of pipe sizes. Welding clamps feature a ratcheting closure for fast and easy aligning of pipe and provide a secure hold on pipe ends.

Please contact your Hole Products representative for availability of additional sizes and styles.

WELDING CLAMP		
PART #	PIPE SIZE	APROX. WT (LBS)
4950009	5"	32
4950013	6"	32
4950016	8"	33
4950024	11"	52
4950023	12"	53



LOW CARBON STEEL FITTINGS

Hole Products offers a wide range of low carbon steel fittings including nipples, closed nipples, square and bar head plugs, reducer bushings, couplings, adapters, and elbows. Low carbon steel fittings are available in a variety of sizes to fit all requirements.

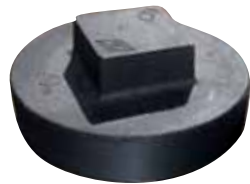
Please contact your Hole Products representative for ordering assistance and information regarding the availability of additional low carbon steel fittings and accessories.



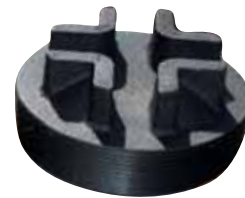
OPEN NIPPLES



CLOSE NIPPLES



SQUARE HEAD PLUGS



BAR HEAD PLUGS



ELBOWS



REDUCER BUSHINGS

PITLESS ADAPTER

Hole Products offers a wide range of weld-on and clamp-on pitless adapters for shallow or deep settings and high working pressures.

All pitless adapters feature durable cast steel housings, 304 stainless steel, and brass at all water contact points, tapered 8° slip fitting for easy installation, and removal of the brass insert and viton or teflon o-rings.

Please contact your Hole Products representative for availability of additional sizes, styles, and replacement parts.

WELD ON PITLESS ADAPTER

Weld on models are designed for permanent installation and offer increased strength and durability.

WELD ON PITLESS ADAPTER					
PART #	DISCHARGE PIPE	DROP PIPE	CASING (I.D.)	WEIGHT (LBS)	WORKING LOAD (LBS)
4650005	1"	1"	4" - 5"	6.0	4,000
4650006	1 1/4"	1 1/4"	4" - 5"	7.0	5,000
4650007	1 1/2"	1 1/2"	4" - 5"	8.5	5,000
4650075	2"	2"	5"	12.0	6,000
4650010	1"	1"	6" - 8"+	6.0	4,000
4650015	1 1/4"	1 1/4"	6" - 8"+	7.0	5,000
4650020	1 1/2"	1 1/2"	6" - 8"+	8.5	5,000
4650025	2"	2"	6" - 8"+	12.0	6,000
4650080	2 1/2"	2 1/2"	6" - 8"+	18.0	8,000
4650085	3"	3"	8" - 12"+	32.0	10,000
4650090	4"	4"	10" - 14"+	50.0	15,000



CLAMP ON PITLESS ADAPTER

Clamp on models are ideal for use on either plastic or steel well casings. They feature 304 stainless steel clamps and nuts and Buna-N rubber gaskets to seal the housing against the outside diameter of the well casing.

CLAMP ON PITLESS ADAPTER					
PART #	DISCHARGE PIPE	DROP PIPE	CASING (O.D.)	WEIGHT (LBS)	WORKING LOAD (LBS)
4650004	1"	1"	4 1/2"	11.0	4,000
4650095	1 1/4"	1 1/4"	4 1/2"	11.8	4,000
4650065	1"	1"	5 9/16"	11.0	4,000
4650100	1 1/4"	1 1/4"	5 9/16"	11.2	4,000
4650009	1"	1"	6 5/8"	11.8	4,000
4650011	1 1/4"	1 1/4"	6 5/8"	12.8	4,000
4650105	1"	1"	7"	12.0	4,000
4650110	1 1/4"	1 1/4"	7"	13.0	4,000



