



FISHING TOOLS

MINERAL EXPLORATION

ENVIRONMENTAL

GEOTECHNICAL

GEO THERMAL

ROTARY

SONIC

HDD



www.holePRODUCTS.com

FISHING TOOLS TABLE OF CONTENTS

FISHING TOOLS OVERVIEW..... 2

TAPER TAPS..... 3-4

BOWEN® RELEASING SPEARS 5

OVERSHOTS & AUGER RETRIEVERS..... 6

MAGNETS & JUNK MILL BITS..... 7



FISHING TOOLS



Hole Products offers a complete range of quality fishing tools for retrieving stuck, damaged, or lost tooling from the borehole.

Available in multiple sizes, styles, and thread connections, our fishing tools are made from premium quality materials, ensuring performance and durability.

From taper taps to overshots and magnets to junk mill bits, we have the fishing tools available to service all drilling industries.

Additional fishing tools including custom designs are available on request.

Please contact your Hole Products representative for detailed product information and availability of additional fishing tools.

*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.*

TAPER TAPS

Hole Products offers a complete line of quality taper taps to retrieve tubular tooling from the borehole on coring, sonic, rotary, and auger drilling operations. All taps are manufactured using high alloy material and heat treated (carbonized as applicable) to ensure great performance and durability. All taps come standard with a flushing hole, unless otherwise noted. Custom manufactured taper taps are available in any size or style on request.

Taper taps are an internal catch fishing tools designed for retrieving tubular tooling from the borehole. They are the economical choice for retrieving lost tooling.

Please contact your Hole Products representative for detailed product information and availability of additional taper taps.

CORING TAPER TAPS

Hole Products offers quality taps designed specifically for wireline coring operations. Refer to rotary taps section for conventional coring taps.



Designs may vary from photo.

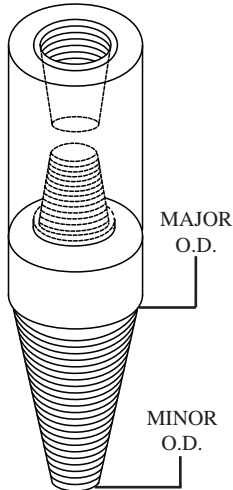
WIRELINE ROD TAPER TAPS			
PART #	DESCRIPTION	CONNECTION	FISHING USE
3850150	BWL ROD TAP	BWL BOX	BWL ROD
3850001	NWL ROD TAP	NWL BOX	NWL ROD
3850096	HWL ROD TAP	HWL BOX	HWL ROD
3850095	HWL ROD TAP	NWJ BOX	HWL ROD
3850132	HWT ROD TAP*	NWJ BOX	HWT ROD

* HWT casing is the recommended drill rod for PWL coring systems.

CASING TAPER TAPS			
PART #	DESCRIPTION	CONNECTION	FISHING USE
3850155	AW CASING TAP	AW CASING BOX	AW CASING
3850160	BW CASING TAP	BW CASING BOX	BW CASING
1250061	NW CASING TAP	NW CASING BOX	NW CASING
3850012	HW CASING TAP	HW CASING BOX	HW CASING
3850165	PW CASING TAP	PW CASING BOX	PW CASING
3850170	SW CASING TAP	SW CASING BOX	SW CASING
3850175	ZW CASING TAP	ZW CASING BOX	ZW CASING

SONIC TAPER TAPS

Custom manufactured taps are designed specially for sonic drilling operations. All sonic taps are carbonized to provide additional wear and fatigue resistance. Sonic taper taps are sold in two pieces (tap and coupling). Taps come standard with a wicker x pin connection. Couplings come standard with box x box connection.



Sonic taper tap w/ a Box x Box coupler shown.

SONIC TAPER TAPS*				
PART #	MAJOR O.D.	MINOR O.D.	CONNECTION	FISHING USE
3850105	3.25"	1.50"	3 1/2" HP90 RH PIN W/ COUPLING	3 1/2" RODS
3850110	4.25"	3.13"	4 1/2" HP90 RH PIN W/ COUPLING	4 1/2" CORE BARRELS
3850138	5.25"	3.13"	5 1/2" HP90 LH PIN W/ COUPLING	5 1/2" CASINGS
3850120	5.63"	3.50"	5 7/8" HP90 LH PIN W/ COUPLING	5 7/8" CASINGS
3850115	5.75"	3.63"	6" HP90 RH PIN W/ COUPLING	6" CORE BARRELS
3850125	7.38"	6.00"	7 5/8" HP90 LH PIN W/ COUPLING	7 5/8" CASINGS
3850131	8.38"	7.00"	8 5/8" HP90 LH PIN W/ COUPLING	8 5/8" CASINGS

*All sonic taper taps come standard w/ a Box x Box coupling.

ROTARY TAPER TAPS

Manufactured with custom connections, multiple wicker O.D.s and a variety of wicker lengths to meet the fishing requirements of any drilling operation.

Rotary taps are carbonized as necessary to provide additional wear and fatigue resistance.



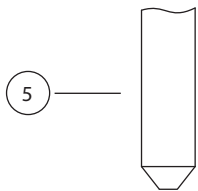
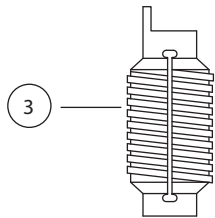
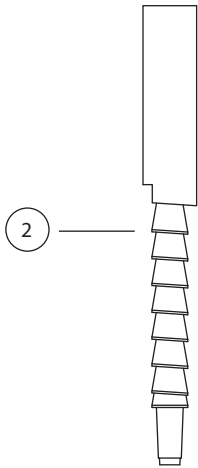
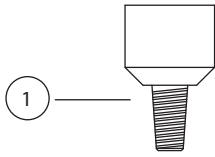
ROTARY TAPER TAPS					
PART #	MAJOR O.D.	MINOR O.D.	CONNECTION	LENGTH	FISHING USE
3850005	2 3/4"	1/2"	1 1/4" NPT	13"	PUMPS*
3850140	3 1/2"	1 1/2"	2 3/8" IF BOX	22"	2" - 3 1/4" I.D. RODS
3850000	4 1/4"	1"	3 1/2" API PIN	32"	1 1/4" - 4" I.D. RODS
3850145	4 1/2"	2"	3 1/2" API PIN	12 1/2"	2 1/4" - 4 1/4" I.D. RODS

*Can be used for rods/pipe with I.D. less than 2 1/2".

AWJ & NWJ ROD TAPER TAPS			
PART #	DESCRIPTION	CONNECTION	FISHING USE
1250063	AW ROD TAP	AW BOX	AW RODS
1250112	AWJ ROD TAP	AWJ BOX	AWJ RODS
1250039	NW ROD TAP	NW BOX	NW RODS
3850013	NWJ ROD TAP	NWJ BOX	NWJ RODS

BOWEN® RELEASING SPEARS

Bowen® Itco-type releasing spears are an internal catch fishing tool designed for retrieving tubular tooling from the borehole. The simple design ensures easy releasing and re-engaging if necessary.



BWL RELEASING SPEAR		
ITEM	PART #	DESCRIPTION
1	3305085	SUB 1 1/4" API PIN X BWL BOX
2	3850180	FLUSH MANDREL W/ 1 1/4" API BOX
3	3850185	BWL SPEAR GRAPPLE
4	3850190	BWL/NWL RELEASE RING
5	3850195	BWL/NWL BULL NOSE NUT

NWL RELEASING SPEAR		
ITEM	PART #	DESCRIPTION
1	3305060	SUB 1 1/4" API PIN X NWL BOX
2	3850050	NWL/HWL FLUSH MANDREL W/ 1 1/4" API BOX
3	3850064	NWL SPEAR GRAPPLE (NOM. SIZE 2.328")
	3850065	NWL SPEAR GRAPPLE (NOM. SIZE 2.399")
4	3850055	NWL/HWL RELEASE RING
5	3850060	NWL/HWL BULL NOSE NUT

HWL RELEASING SPEAR		
ITEM	PART #	DESCRIPTION
1	3305060	SUB 1 1/4" API PIN X HWL BOX
2	3850050	NWL/HWL FLUSH MANDREL W/ 1 1/4" API BOX
3	3850070	HWL SPEAR GRAPPLE (NOM. SIZE 3.078")
	3850069	HWL SPEAR GRAPPLE (NOM. SIZE 3.032")
4	3850055	NWL/HWL RELEASE RING
5	3850060	NWL/HWL BULL NOSE NUT

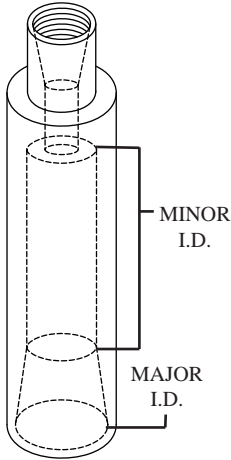
PWL RELEASING SPEAR		
ITEM	PART #	DESCRIPTION
1	-----	SUB*
2	3850075	PWL FLUSH MANDREL W/ 2 3/8" API BOX
3	3850090	PWL SPEAR GRAPPLE (NOM. SIZE 4.010")
4	3850080	PWL RELEASE RING
5	3850085	PWL BULL NOSE NUT

*Various subs are available for PWL releasing spears. Please contact your Hole Products representative for additional details.

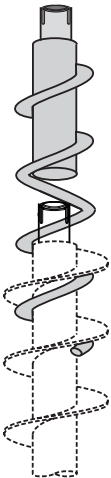
OVERSHOTS (RECOVERY BELLS)

Hole Products offers a complete line of overshots to service the drilling industry. All overshots are manufactured using high alloy material and are heat treated. Custom manufactured overshots are available in any size or style on request.

Overshots are attached to drill pipe or tubing and lowered over the outside of pipe lost or stuck in the borehole. Hardened, self-cutting threads inside the overshots firmly grasp the pipe, allowing the fish to be pulled from the hole.



OVERSHOTS				
PART #	MAJOR I.D.	MINOR I.D.	CONNECTION	FISHING USE
3850137	3.00"	1.00"	1 1/4" NPT BOX	1 1/4" - 2 1/2" RODS
3850135	4.00"	3.00"	2 3/8" IF BOX W/ FLATS	3 1/2" RODS
3850136	4.13"	2.63"	2 3/8" IF PIN	3 1/2" RODS
3850100	4.10"	3.00"	3 1/2" HP90 RH BOX	3 1/2" SONIC RODS
3850010	4.63"	3.13"	3 1/2" API PIN	4 1/2" RODS
1250113	AWJ ROD		AWJ BOX	AWJ ROD
3850014	NWJ ROD		NWJ BOX	NWJ ROD



AUGER RETRIEVERS

Auger retrievers are used for recovering hollow stem and continuous flight augers lost down the hole.

Outside type auger retrievers are designed to wrap around augers and grasp the auger flights.

Internal type hollow stem auger retrievers are available on request.

HOLLOW STEM AUGER RETRIEVERS			
I.D.*		2 KEY	3 KEY
IN	MM	SD**	SD**
2 1/4"	57	1250122	1250670
3 1/4"	83	1250645	1251020
4 1/4"	108	1250650	1250675
6 1/4"	159	1251005	1250680
6 5/8"	168	1250655	1250685
8 1/4"	210	1250660	1250690
10 1/4"	260	----	1250695

*Sizes identified by the auger I.D.

**HD auger retrievers are available on request.

CONTINUOUS FLIGHT AUGER RETRIEVERS			
HEX		HOLE* SIZE	PART #
IN	MM		
13/16"	21	2 1/2"	1550055
13/16"	21	3"	1550060
1 1/8"	29	3 1/2"	1550065
1 1/8"	29	4 1/2"	1550070
1 1/8"	29	5"	1550075
1 1/8"	29	6"	1550080
1 5/8"	41	4 1/2"	1550008
1 5/8"	41	5"	1550085
1 5/8"	41	6"	1550090
1 5/8"	41	7"	1550095
1 5/8"	41	8"	1550100
1 5/8"	41	10"	1550105
1 5/8"	41	12"	1550110

*Sizes identified by the hole size.

MAGNETS

Magnets are great for retrieving tooling that has been broken into pieces or has an irregular shape.



MAGNETS		
PART #	DESCRIPTION	LIFTING WEIGHT
3850015	3 1/2" O.D.	100 lbs.
3850020	4 1/2" O.D.	250 lbs.
3850025	5 1/2" O.D.	400 lbs.

JUNK MILL BITS

Junk Mill Bits are commonly used for drilling through lost tooling, bridge plugs, packers, cement, or similar down the hole obstructions.

Custom sizes and API connections are available on request.



JUNK MILL BITS		
PART #	DESCRIPTION	CONNECTION
3850017	3 7/8"	2 3/8" MJR BOX
3850018	5 7/8"	3 1/2" API PIN
3850019	6"	3 1/2" API PIN

