

SUMMIT

SPECIALTY OIL TOOLS

CATALOG



SUMMIT INTERNATIONAL

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Summit International and associated companies, take pride in decades of experience in manufacturing and supply of oilfield and industrial products to oil & gas companies, rig manufacturers, drilling contractors, casing & service companies, refineries, petrochemical and power generation plants, exploration and production operations, marine industries, engineering & construction companies, and bio-remediation projects for many decades.

We have a proven record servicing domestic and international markets. Our experience and technical knowledge have made us a prime source of supply and service to major companies worldwide. Our close association with manufacturers in various industries in form of "agency" or "preferred account", enables us to offer the most professional service to our clients. Our full range of products and services are available to all companies that are searching for the right solution.



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Fishing Bumper Sub
SFBS 11316-375

[Page 4]

Packer Type Casing Patch
SPTCP 575-1125

[Page 5]

Packer Type A Casing Patch
SPTCP 575-1125-A

[Page 6]

Packer Type L Casing Patch
SPTCP 575-1125-L

[Page 7]

Fishing Magnet
SFM 02-20

[Page 8]

Hydraulic Casing Cutter
SHCS 525-60

[Page 9]

Hydraulic Tubing Cutter
SHTC 278-858

[Page 10]

Non-Rotating Casing Scraper
SNRCS 02-20

[Page 11]

Non-Rotating Stabilizer
SNRS 13-48

[Page 12]

Fishing Bumper Sub

SFBS 11316-375

(Bi-Directional Bumper Sub)

Product Information

Summit's Fishing Bumper subs are suited for all fishing applications including bump downs, jar ups, or to help disengage fish; post retrieval.

- ◆ Straightforward 5 piece design allows for ease of use and servicing
- ◆ Hexagonal shaped mandrel slides simply into similarly shaped mandrel body
- ◆ Design provides continuous torque capability
- ◆ Standard 20" stroke is optimum for most fishing purposes; however longer strokes can be accomplished upon request by simply converting the mandrel and main body
- ◆ **Can be manufactured to any customer specification i.e. O.D, I.D., connection, etc.**

Specifications

Size O.D.	Size I.D.	Standard Tool Joint Connection
1-13/16"	3/8"	1-13/16" WFJ
2-1/4"	1/2"	1-1/4" REG
3-1/8"	1-17/32"	2-3/8" EUE
3-5/32"	1"	2-3/8" REG
3-3/8"	1"	2-3/8" IF
3-3/4"	1-1/2"	2-3/8" IF
3-3/4"	1-7/8"	2-3/8" EUE



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Packer Type Casing Patch

SPTCP 575-1125

(Casing/Tubing Patch)

Product Information

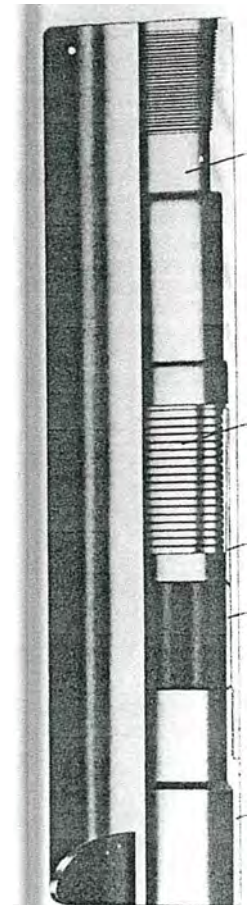
Summit's Packer Type Casing Patch permits fast economical casing/tubing repairs without reducing casing/tubing I.D.

- ◆ Used to repair casing/tubing strings in which the I.D. has been damaged/compromised
- ◆ Design allows for ease of use and provides timely, and permanent repair
- ◆ Post squeeze of the packer, the casing is suspended in the well to keep it under tension
- ◆ Ability to seal both internal and external pressure

Specifications

Casing O.D.	Patch O.D.	Standard Pressure Rating (PSI)
4-1/2"	5-3/4"	7,000
5"	6-1/4"	7,000
5-1/2"	6-13/16"	7,000
7"	8-3/8"	7,000
7-5/8"	9"	7,000
9-5/8"	11-1/4"	7,000
9-7/8"	11-9/16"	7,000

- ◆ Can be manufactured to any customer specification i.e. O.D, I.D., connection, high H2S environments, etc.
- ◆ Available in pressure ranges from 5K to 15K for high pressure applications



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Packer Type A Casing Patch

SPTCP 575-1125-A

(Casing/Tubing Patch)

Product Information

Summit's Packer Type A Casing Patch permits fast economical casing/tubing repairs without reducing casing/tubing I.D.

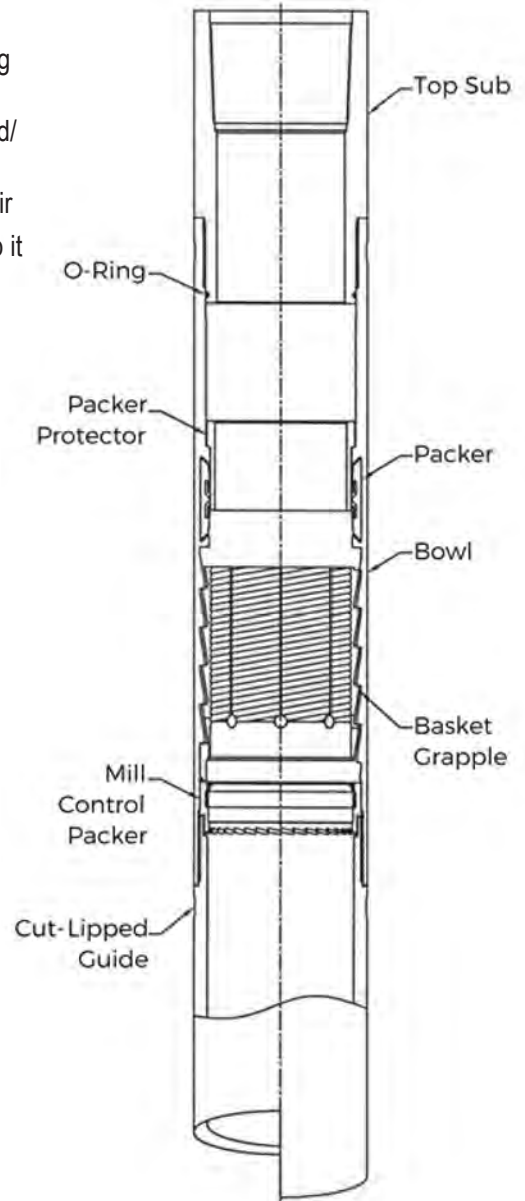
- ◆ Used to repair casing/tubing strings in which the I.D. has been damaged/compromised
- ◆ Design allows for ease of use and provides timely, and permanent repair
- ◆ Post squeeze of the packer, the casing is suspended in the well to keep it under tension
- ◆ Manufactured for high H2S environments
- ◆ Ability to seal both internal and external pressure

Specifications

Casing O.D.	Patch O.D.	Standard Pressure Rating (PSI)
13-3/8"	15-1/8"	10,000

Spare Parts

- ◆ Spare Grapple
- ◆ Spare Seal Kit Including Top Seal & Packer Seal



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Packer Type L Casing Patch

SPTCP 575-1125-L

(Casing/Tubing Patch)

Product Information

Summit's Packer Type L Casing Patch permits fast economical casing/tubing repairs without reducing casing/tubing I.D.

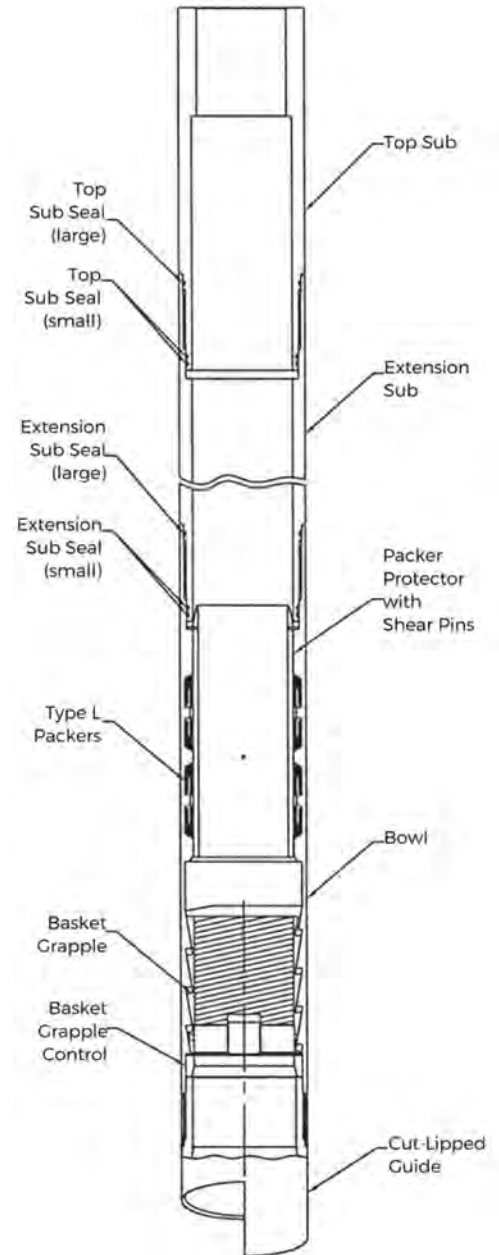
- ◆ Used to repair casing/tubing strings in which the I.D. has been damaged/compromised
- ◆ Design allows for ease of use and provides timely, and permanent repair
- ◆ Post squeeze of the packer, the casing is suspended in the well to keep it under tension
- ◆ Manufactured for high H2S environments
- ◆ Ability to seal both internal and external pressure

Specifications

Casing O.D.	Patch O.D.	Standard Pressure Rating (PSI)
10-3/4"	12-5/16"	10,000

Spare Parts

- ◆ Spare Spiral Grapple
- ◆ Spare Seal Kit



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Fishing Magnet

SFM 02-20

(Junk Magnet for Fishing Operations)

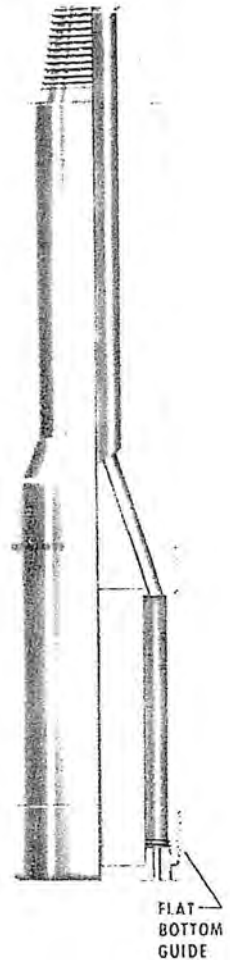
Product Information

Summit's Fishing Magnets are the most successful specific purpose fishing tools available to retrieve items that are unable to be drilled/milled and have a magnetic attraction.

- ◆ Used to retrieve multiple sized and shaped magnetic objects from the bottom of the wellbore
- ◆ Items that have been successfully fished include, but are not limited to bit cones, bearings, hand tools, slips, and basically anything else that is dropped or left in the bottom of the wellbore
- ◆ Specific use for when other conventional (inside or outside) catch tools are unable to catch on oddly shaped items in the wellbore
- ◆ Summit's magnets are capable of exerting pulls ranging from 5 lbs up 3,000 lbs
- ◆ No loss of circulation through the tools during the entire service
- ◆ **Can be manufactured to any customer specification i.e. O.D, I.D., high H2S environments, etc.**

Specifications

Common Hole Size	Top Sub O.D.	Approximate Pull {LBS}
3"- 3-3/4"	2-1/2"	65
4-1/2"-5"	4"	115
6-1/8-6-1/2"	5-1/2"	250
7-5/8"-8-1/2"	7"	330
8-5/8"-9-3/4"	8"	560
9-7/8"-11-5/8"	9"	680
11-3/4"-13"	10-1/2"	800
12-1/4"-14"	11-1/2"	800
17"	16"	1100
20"	19"	1470



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Hydraulic Casing Cutter SHCS 525-60 (Casing Cutting Tool)

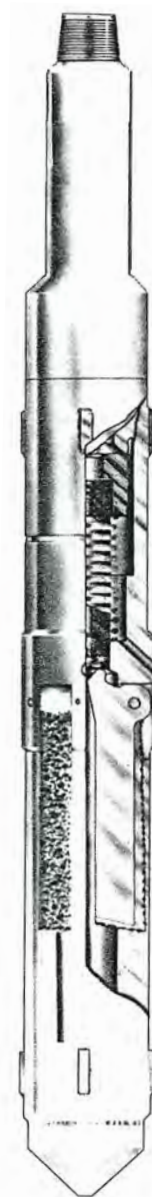
Product Information

Summit's Hydraulic Casing Cutter is a field proven, reliable, and accurate casing cutter capable of cutting casing of any size.

- ◆ Single cut casing operations at precision depths
- ◆ Hydraulically activated knives ensure a smooth, efficient cut
- ◆ Cutter is made up on the running string and lowered to the cutting depth
- ◆ Once tool is positioned rotary is turned on at our suggested cutting speed to establish a free torque figure
- ◆ Rotation is continued and circulation started through the tool, circulation is increased to a rate that will produce an appropriate pressure drop across the cutter nozzle
- ◆ Flo-Tel design signals when cut is complete. A positive cut out indication is recognized by a decrease in torque and pressure drop
- ◆ Knives are dressed with high strength tungsten carbide for durability, and ease of cut
- ◆ The Casing Cutter is available in cutter standard O.D.'s ranging from 5-1/4" to 16"
- ◆ Can be manufactured to customer specific specifications i.e.: OD, ID, connection, cutting range, etc.

Specifications

Size O.D.	Cutting Range	Top Connection	WT(LBS)
5-1/4"	6-5/8" -11-3/4" CSG	3-1/2" REG	250
5-1/2"	7"- 13-3/8" CSG	3-1/2" REG	270
5-3/4"	7"- 16" CSG	3-1/2" REG	270
8-1/4"	9-5/8" - 30" CSG	6-5/8" REG	787
11-3/4"	13-3/8" - 36" CSG	6-5/8" REG	1925



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Hydraulic Tubing Cutter

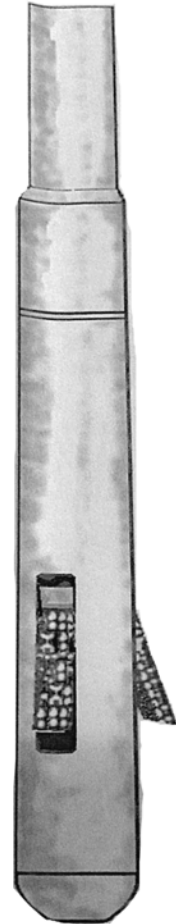
SHTC 278-858

(Tubular Cutting Tool)

Product Information

Summit's Hydraulic Tubing Cutter is a ruggedly designed tubing cutter that is able to cut multiple strings of pipe from production casing to conductor pipe as well as an array of other downhole tubulars.

- ◆ Stout, durable design allows for longevity of life
- ◆ The cutter is designed to run inside a smaller inner string
- ◆ Our cutter is capable of cutting both concentric as well as eccentric strings of pipe or casing
- ◆ A positive cut out indication is recognized by a pressure drop after the cutting arms are fully extended. Providing confidence that the cut is complete.
- ◆ Cutter arms are dressed with high strength tungsten carbide for durability, and ease of cut
- ◆ Design accommodates for easy replacement of cutter arms on rig floor for next size of casing or pipe that needs to be cut.
- ◆ Can be manufactured to customer specific specifications i.e.: OD, ID, connection, cutting range, etc.



Specifications

Size O.D.	Cutting Range	Top Connection	Approximate Pull {LBS}
1-7/8"	2-3/8" - 2-7/8" Tubing	1-13/16" WFJ	30
2-1/4"	2-7/8" - 3-1/2" Tubing	1-1/4" REG	35
2-3/4"	3-1/2" - 4" Tubing	1-1/4" REG	38
3-1/2"	4-1/2" - 7" CSG	2-3/8" REG	65
4-1/2"	5-1/2" - 8-5/8" CSG	2-7/8" REG	165



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Non-Rotating Casing Scraper SNRCS 02-20 (Casing ID Cleaning Tool)

Product Information

Summit's non-rotating casing scraper is the most ruggedly designed, durable, robust tool in the market. Used for cleaning mud, rust, mill scale, cement, paraffin, and other unwanted materials from the interior of the casing wall without the worry of damage to I.D. of the casing.

- ◆ Sizes ranging from 2-3/8" tubing up to 20" casing
- ◆ Manufactured from heat treated alloy steel, and contains no external bolts
- ◆ Blade arrangement allows for complete 360 degree full circumference
- ◆ Place scraper directly above bit, which Summit can provide as well.
- ◆ Summit suggests running the non-rotating scraper and bit in conjunction with a brush tool as well as a magnet tool for optimum performance and results
- ◆ Design allows for easy conversion to brush style clean out tool by simply swapping standard blades with blades containing stainless steel brushes
- ◆ For completion operations, it is highly recommended that a full-body casing scraper be spaced above to further scour and prepare casing ID's for fluid exchange and production equipment
- ◆ **Can be manufactured to customer specific specifications i.e.: 00, 10, connection, casing size,etc.**



Specifications

Casing O.D.	Casing Weight (LBS)	Connection	WT{LBS}
7"	13-38	3-1/2" REG	175
9-5/8"	29.3-53	4-1/2" REG	350
10-3/4"	32.75-55.5	6-5/8" REG	375
13-3/8"	48-72	6-5/8" REG	450



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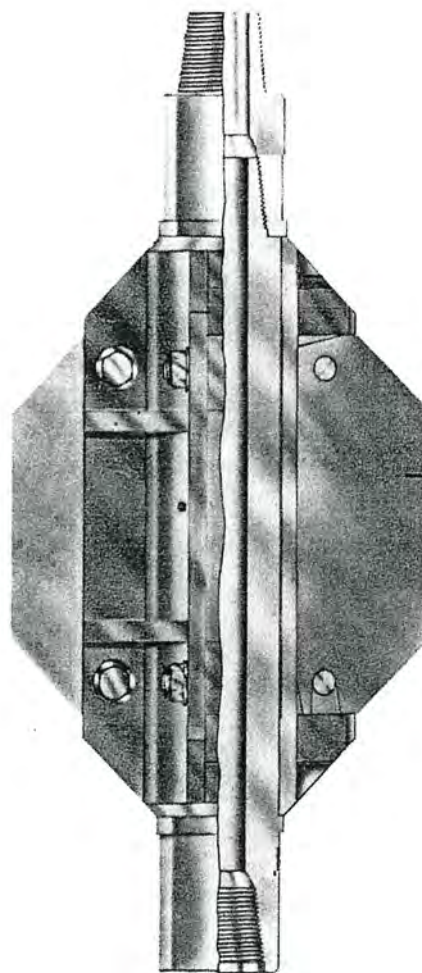
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Non-Rotating Stabilizer SNRS 13-48 (Stationary Blade Stabilizer)

Product Information

Summit's Non-Rotating Stabilizer is specially engineered for casing cutting operations in order to stabilize your string, and reduce vibration.

- ◆ Placed directly above the cutter in for the cutter to be centered in the casing
- ◆ Special Marine Cutter used when cutting 20" or larger casing
- ◆ Simple yet durable design consists of (4) parts: top sub,, body, sleeve, and blades
- ◆ Blades remain stationary while rotating while only the body and top sub rotate
- ◆ Blades are easily interchangeable for various sizes of casing
- ◆ **Can be manufactured to customer specific specifications i.e.: OD, ID, connection, hole size, etc.**



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ABOUT US

Summit International, an American based company, is a manufacturer and supplier of quality oilfield and industrial products. Our company has proudly provided products and services to oil & gas companies, rig manufacturers, drilling contractors, casing & service companies, refineries, petrochemical and power generation plants, exploration and production operations, marine industries, engineering & construction companies, and bio-remediation projects for many decades.

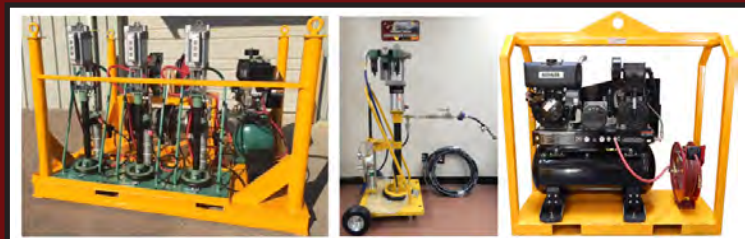
Summit **FR** Work Apparel



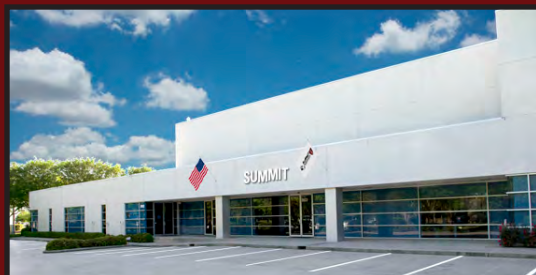
Summit Vault™ Chemical Injection Systems and Summit Chemicals



Summit Oilfield Lubes/Seals and WHM Lubrication Systems



Oilfield & Refineries Tools, Equipment, & Technologies



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