

BD Drill

Underground Production Drilling Tools

www.bddrill.com.au / www.bddrill.ca



BD Drill Black Diamond Drilling Services Australia Pty Ltd

ABOUT US

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1000

EMPLOYEES



300,000

M² OF

FACTORY



ANNUAL PRODUCTION

DTH hammer: over 20,000 units

Maximum size for hammer: 609mm(24")

Drill bit: 250,000 pcs

Maximum size for drill bit: 1000mm(39-1/3")

30 days for production on any quantity



Black Diamond Drilling Services Australia Pty Ltd known as "BD DRILL" is a privately owned Australian Company which services the Mineral exploration, Mining, Water well and Geotechnical sectors of the drilling industry.

BD DRILL is a subsidiary of Changsha Heijingang Industrial Ltd. Co., the head office is located in Perth, Western Australia and supports regions in Australia and the overseas market.

BD DRILL has established a reputation for outstanding commitment to product quality, innovation and most importantly customer service.

Our extensive product range covers DTH equipment (conventional, reverse circulation, bits, strings and rigs), Top hammer and a comprehensive selection of various drilling products (diamond bit, drag bit, tricone bits, drilling grease and other consumables.)

RECOMMENDED SAFETY PROCEDURES

The mining industry continues to demand even higher levels of safety and productivity. In order to meet these requirements, we work continuously to develop even safer products and to produce comprehensive manuals enabling safer and effective use of our products.



IT'S ALL ABOUT EVERYONE'S HEALTH

Helping you to ensure a safer workplace and healthier workforce is of the utmost importance to us. The well-being of any person coming into contact with our equipment is paramount. Therefore, we strive to identify and assess potential risk factors that could threaten the health of you and your employees. All the products in our catalogue are designed to meet safety requirements.

DRESS RIGHT FROM HEAD TO TOE

You must always wear appropriate personal protective equipment (PPE). This is what we strongly recommend, to help avoid injury:

- Safety helmet
- Hearing protection
- Safety glasses
- Protective high visibility clothing
- Respiratory protection
- Safety boots
- Any site-specific PPE as required.

BE AWARE OF ALL SAFETY PROCEDURES

We ask that you start by obeying all instructions given. Never work under an unsupported roof or close to potential pinch point locations. Beware of the potential hazards of a loose roof and ribs and scale down roof ribs prior to bolting. It is important to bolt early in the mining process – as soon as safely and practically possible.

Safe work procedures should incorporate inspection before the machine operates and also through regular monitoring based upon mining conditions, safety and management systems. Workers should be provided with safety information, instruction and training on transportation, installation, operational care and disposal of drilling tools.

MAKE A RISK ANALYSIS BEFORE YOU START

Pay attention to safety when planning all of your work. Before you start, always take your time to go through all operations. Identify any potential risks and take appropriate measures to avoid them. If necessary, seek expert advice on how to help minimize risks. Finally, make sure that you have the right resources to perform all tasks in the safest manner possible.

Please check www.safeworkaustralia.gov.au or www.canada.ca/en/services/jobs/workplace/health-safety.html for more information.

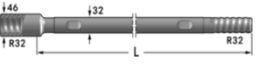


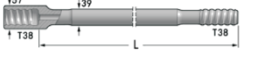

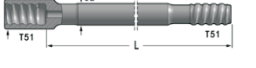


SHANK ADAPTORS

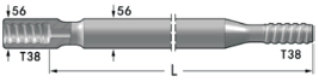

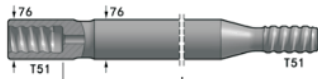
SHANK ADAPTOR	Drifter Model	Thread	Length, L	Part Number	Compatibility
	HL1000	T45	590mm	THU-SHANK-590-T45	7305-6008-01
	HL1000	T51	670mm	THU-SHANK-670-T51	7306-6010-02
	HL1500ST	ST58	635mm	THU-SHANK-635-ST58	7328-6035-01
	HL1500ST	ST68	635mm	THU-SHANK-635-ST68	7329-6035-05
	HL1560ST	ST58	635mm	THU-SHANK-635-ST58B	7328-6020-01
	HL1560ST	ST68	635mm	THU-SHANK-635-ST68B	7329-6020-05
	HL500	T38	550mm	THU-SHANK-550-T38	7304-7557-01
	HL500	T45	550mm	THU-SHANK-550-T45	7305-7557-01
	HL700	T45	600mm	THU-SHANK-600-T45	7305-7577-02
	HL700	T51	600mm	THU-SHANK-600-T51	7306-7577-03
	COP 1838/1532	T38	525mm	THU-SHANK-1838-T38/525/38	90516121
	COP 1838ME	T38	435mm	THU-SHANK-1838ME-T38/435/38	90516120
	COP 1838EX	T45	730mm	THU-SHANK-730-T45B	7305-3826-02
	COP 1838MUX+	T38	730mm	THU-SHANK-730-T38	7304-3663-01
	COP 1838MUX+	T45	730mm	THU-SHANK-730-T45	7305-3663-01
	COP 2550UX	T45	770mm	THU-SHANK-2550UX-T45/770/60	90516030
	COP 2550UX	ST58	770mm	THU-SHANK-2550UX-ST58/770/77	90516511
	COP 4050MUX	ST58	835mm	THU-SHANK-833-ST58	7328-3720-01
	COP 4050MUX	ST68	835mm	THU-SHANK-833-ST68	7329-3720-01



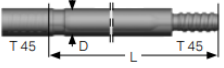
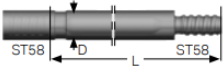
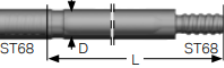
MF SPEED RODS

ROD THREAD	Dimensions				Part Number	Compatibility
	Length, L		Diameter			
	Imperial	Metric	Imperial	Metric		
R32 	4"	1220mm	1 1/4"	32mm	ROD-THU-R32/R32/R32-1220-MF	90500834
	5"	1525mm	1 1/4"	32mm	ROD-THU-R32/R32/R32-1525-MF	90500627
	6"	1830mm	1 1/4"	32mm	ROD-THU-R32/R32/R32-1830-MF	90500628
T35 	4"	1220mm	1 1/2"	39mm	ROD-THU-T35/R39/T35-1220-MF	-
	5"	1525mm	1 1/2"	39mm	ROD-THU-T35/R39/T35-1525-MF	-
	6"	1830mm	1 1/2"	39mm	ROD-THU-T35/R39/T35-1830-MF	-
R35 	4"	1220mm	1 1/2"	39mm	ROD-THU-R35/R39/R35-1220-MF	-
	5"	1525mm	1 1/2"	39mm	ROD-THU-R35/R39/R35-1525-MF	-
	6"	1830mm	1 1/2"	39mm	ROD-THU-R35/R39/R35-1830-MF	-
T38 	4"	1220mm	1 1/2"	39mm	ROD-THU-T38/R39/T38-1220-MF	90510719
	5"	1525mm	1 1/2"	39mm	ROD-THU-T38/R39/T38-1525-MF	7324-4715C-20 90510720
	6"	1830mm	1 1/2"	39mm	ROD-THU-T38/R39/T38-1830-MF	7324-4718C-20 90510721
T45 	4"	1220mm	1 3/4"	46mm	ROD-THU-T45/R46/T45-1220-MF	7325-7712C-20
	5"	1525mm	1 3/4"	46mm	ROD-THU-T45/R46/T45-1525-MF	90510730
	6"	1830mm	1 3/4"	46mm	ROD-THU-T45/R46/T45-1830-MF	90510731
T51 	4"	1220mm	2"	52mm	ROD-THU-T51/R52/T51-1220-MF	7326-5518C-20 90510738
	5"	1525mm	2"	52mm	ROD-THU-T51/R52/T51-1525-MF	90510737
	6"	1830mm	2"	52mm	ROD-THU-T51/R52/T51-1830-MF	90510738

GUIDE TUBES

GUIDE TUBE	Dimensions				Part Number	Compatibility
	Length, L		Diameter			
	Imperial	Metric	Imperial	Metric		
T38 	4'	1220mm	2 1/8"	56mm	GTUBE-THU-T38-1220-MF	7955-5612-20 94502648
	5'	1525mm	2 1/8"	56mm	GTUBE-THU-T38-1525-MF	94000051
	6'	1830mm	2 1/8"	56mm	GTUBE-THU-T38-1830-MF	7955-5618-20 94000052
T45 	4'	1220mm	2 1/2"	64mm	GTUBE-THU-T45-1220-MF	94502687
	5'	1525mm	2 1/2"	64mm	GTUBE-THU-T45-1525-MF	94000047
	6'	1830mm	2 1/2"	64mm	GTUBE-THU-T45-1830-MF	94000046
T51 	4'	1220mm	3"	76mm	GTUBE-THU-T51-1220-MF	90514257
	5'	1525mm	3"	76mm	GTUBE-THU-T51-1525-MF	-
	6'	1830mm	3"	76mm	GTUBE-THU-T51-1830-MF	7957-7618-20 94000046

DRILL TUBES

THREAD	Dimensions				Part Number	Compatibility
	Length		Diameter			
	Imperial	Metric	Imperial	Metric		
T45 	4'	1220mm	2 1/2"	65mm	TUBE-THU-T45-1220-MF	-
	5'	1525mm	2 1/2"	65mm	TUBE-THU-T45-1525-MF	7985-6315-26
	6'	1830mm	2 1/2"	65mm	TUBE-THU-T45-1830-MF	7985-6318-26
ST58 	4'	1220mm	3"	76mm	TUBE-THU-ST58-1220-MF	-
	5'	1525mm	3"	76mm	TUBE-THU-ST58-1525-MF	7378-7615-26
	6'	1830mm	3"	76mm	TUBE-THU-ST58-1830-MF	7378-7618-26
ST68 	4'	1220mm	3 1/2"	87mm	TUBE-THU-ST68-1220-MF	-
	5'	1525mm	3 1/2"	87mm	TUBE-THU-ST68-1525-MF	7379-8715-26
	6	1830mm	3 1/2"	87mm	TUBE-THU-ST68-1830-MF	7379-8718-26

PRODUCTION DRILLING BITS



R32 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		

Parabolic Button Bit



1x6	1x6	2x8	5x9	35°	1 5/8"	41mm	THU-N41FF/BB-R32	90505171
1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF/BB-R32	7733-6043-F49
1x5	2x6	2x9	5x10	30°	1 3/4"	45mm	THU-N45FF/BB-R32	7733-6045-F49
1x5	2x6	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF/BB-R32	7733-6048-F49
1x6	2x7.5	2x10	5x12	30°	2"	51mm	THU-N51FF/BB-R32	7733-6051-F49
3x6	1x6	3x10	6x11	30°	2 1/4"	57mm	THU-N57FF/BB-R32	90510453
3x7	2x6	3x11	6x12	30°	2 1/2"	64mm	THU-N64FF/BB-R32	7733-1664-S48
4x7	-	5x10	8x11	30°	3"	76mm	THU-N76FF/BB-R32	7733-1876-S48

Semi-Ballistic Button Bit



3x4.5	2x6	3x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/SB-R32	90505172
3x4.5	2x6	2x9	5x10	10° 35°	1 11/16"	43mm	THU-N43FF/SB-R32	7733-5243A-S48
1x5	2x6	2x9	5x11	10° 35°	1 3/4"	45mm	THU-N45FF/SB-R32	7733-5245A-S48
1x6	2x7.5	2x9	5x11	10° 35°	1 7/8"	48mm	THU-N48FF/SB-R32	7733-5248A-S48
1x6	2x7.5	2x10	5x12	10° 40°	2"	51mm	THU-N51FF/SB-R32	7733-5251A-S48
3x4.5	1x4.5	3x8	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/SB-R32	7733-5343A-R48
3x4.5	1x4.5	3x8	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/SB-R32	7733-5345A-R48
3x4.5	1x4.5	3x8	6x10	10° 40°	3"	76mm	THU-N76FF/SB-R32	7733-5345A-S48

Ballistic Button Bit



2x4.5	2x6	2x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/B-R32	-
2x4.5	2x6	2x9	6x10	10° 35°	1 11/16"	43mm	THU-N43FF/B-R32	-
1x5	2x6	2x9	6x11	10° 35°	1 3/4"	45mm	THU-N45FF/B-R32	7733-5345A-S80
1x6	2x7.5	2x9	6x11	10° 35°	1 7/8"	48mm	THU-N48FF/B-R32	7733-5348A-R48
3x5	1x6	2x9	6x12	10° 40°	2"	51mm	THU-N51FF/B-R32	7733-1651A-R48
3x5	1x6	3x9	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/B-R32	7733-1651A-S48
3x5	1x6	3x9	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/B-R32	7733-1657A-S48
3x5	1x6	3x9	6x10	10° 40°	3"	76mm	THU-N76FF/B-R32	-

Cross Type Bit



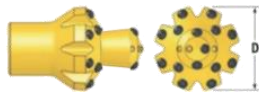
1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-R32	7733-1345A-42
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Dome Reaming Bit








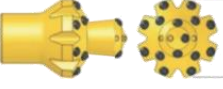
3x6	1x6	1x13	14x13	35°	4"	102mm	THU-REAMER-D-102-R32	-
3x6	1x6	1x13	18x13	35°	5"	127mm	THU-REAMER-D-127-R32	-

Spear Reaming Bit




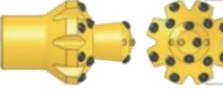


3x6	1x6	3x10	12x13	35°	4"	102mm	THU-REAMER-S-102/41-R32	7733-5602P-S48
3x7	1x6	3x10	16x13	35°	5"	127mm	THU-REAMER-S-127/76-R32	7733-5627P-S48

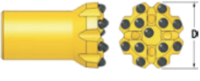

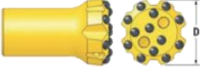
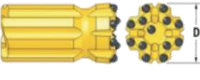

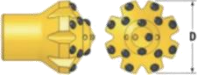
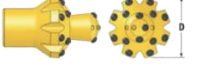
TR35 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric	
Parabolic Button Bits								
	1x6	1x6	2x8	5x9	35°	1 5/8"	41mm	THU-N41FF/BB-TR35
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF/BB-TR35
	1x5	2x6	2x9	5x10	30°	1 3/4"	45mm	THU-N45FF/BB-TR35
	1x5	2x6	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF/BB-TR35
	1x6	2x7.5	2x10	5x12	30°	2"	51mm	THU-N51FF/BB-TR35
	3x6	1x6	3x10	6x11	30°	2 1/4"	57mm	THU-N57FF/BB-TR35
	3x7	2x6	3x11	6x12	30°	2 1/2"	64mm	THU-N64FF/BB-TR35
	4x7	-	5x10	8x11	30°	3"	76mm	THU-N76FF/BB-TR35
Semi-Ballistic Button Bits								
	3x4.5	2x6	3x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/SB-TR35
	3x4.5	2x6	2x9	5x10	10° 35°	1 11/16"	43mm	THU-N43FF/SB-TR35
	1x5	2x6	2x9	5x11	10° 35°	1 3/4"	45mm	THU-N45FF/SB-TR35
	1x6	2x7.5	2x9	5x11	10° 35°	1 7/8"	48mm	THU-N48FF/SB-TR35
	1x6	2x7.5	2x10	5x12	10° 40°	2"	51mm	THU-N51FF/SB-TR35
	3x4.5	1x4.5	3x8	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/SB-TR35
	3x4.5	1x4.5	3x8	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/SB-TR35
	3x4.5	1x4.5	3x8	6x10	10° 40°	3"	76mm	THU-N76FF/SB-TR35
Ballistic Button Bits								
	2x4.5	2x6	2x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/B-TR35
	2x4.5	2x6	2x9	6x10	10° 35°	1 11/16"	43mm	THU-N43FF/B-TR35
	1x5	2x6	2x9	6x11	10° 35°	1 3/4"	45mm	THU-N45FF/B-TR35
	1x6	2x7.5	2x9	6x11	10° 35°	1 7/8"	48mm	THU-N48FF/B-TR35
	3x5	1x6	2x9	6x12	10° 40°	2"	51mm	THU-N51FF/B-TR35
	3x5	1x6	3x9	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/B-TR35
	3x5	1x6	3x9	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/B-TR35
	3x5	1x6	3x9	6x10	10° 40°	3"	76mm	THU-N76FF/B-TR35
Cross Type Bit								
	1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-TR35
Dome Reaming Bits								
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-REAMER-D-102-TR35
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-REAMER-D-127-TR35
Spear Reaming Bits								
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-REAMER-S-102/41-TR35
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-REAMER-S-127/76-TR35

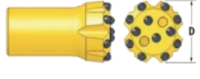
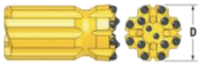

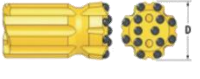
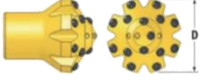
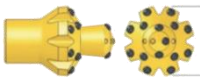
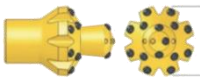
R35 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric	
Parabolic Button Bits								
	1x6	1x6	2x8	5x9	35°	1 5/8"	41mm	THU-N41FF/BB-R35
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF/BB-R35
	1x5	2x6	2x9	5x10	30°	1 3/4"	45mm	THU-N45FF/BB-R35
	1x5	2x6	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF/BB-R35
	1x6	2x7.5	2x10	5x12	30°	2"	51mm	THU-N51FF/BB-R35
	3x6	1x6	3x10	6x11	30°	2 1/4"	57mm	THU-N57FF/BB-R35
	3x7	2x6	3x11	6x12	30°	2 1/2"	64mm	THU-N64FF/BB-R35
	4x7	-	5x10	8x11	30°	3"	76mm	THU-N76FF/BB-R35
Semi-Ballistic Button Bits								
	3x4.5	2x6	3x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/SB-R35
	3x4.5	2x6	2x9	5x10	10° 35°	1 11/16"	43mm	THU-N43FF/SB-R35
	1x5	2x6	2x9	5x11	10° 35°	1 3/4"	45mm	THU-N45FF/SB-R35
	1x6	2x7.5	2x9	5x11	10° 35°	1 7/8"	48mm	THU-N48FF/SB-R35
	1x6	2x7.5	2x10	5x12	10° 40°	2"	51mm	THU-N51FF/SB-R35
	3x4.5	1x4.5	3x8	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/SB-R35
	3x4.5	1x4.5	3x8	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/SB-R35
	3x4.5	1x4.5	3x8	6x10	10° 40°	3"	76mm	THU-N76FF/SB-R35
Ballistic Button Bits								
	2x4.5	2x6	2x8	6x9	10° 35°	1 5/8"	41mm	THU-N41FF/B-R35
	2x4.5	2x6	2x9	6x10	10° 35°	1 11/16"	43mm	THU-N43FF/B-R35
	1x5	2x6	2x9	6x11	10° 35°	1 3/4"	45mm	THU-N45FF/B-R35
	1x6	2x7.5	2x9	6x11	10° 35°	1 7/8"	48mm	THU-N48FF/B-R35
	3x5	1x6	2x9	6x12	10° 40°	2"	51mm	THU-N51FF/B-R35
	3x5	1x6	3x9	6x9	10° 40°	2 1/4"	57mm	THU-N57FF/B-R35
	3x5	1x6	3x9	6x10	10° 40°	2 1/2"	64mm	THU-N64FF/B-R35
	3x5	1x6	3x9	6x10	10° 40°	3"	76mm	THU-N76FF/B-R35
Cross Type Bit								
	1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-R35
Dome Reaming Bits								
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-REAMER-D-102-R35
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-REAMER-D-127-R35
Spear Reaming Bits								
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-REAMER-S-102/41-R35
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-REAMER-S-127/76-R35

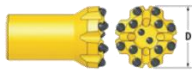
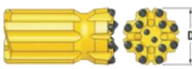
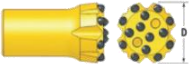
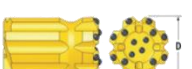
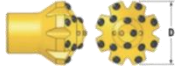

T38 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		
	1x5	1x5	4x10	8x10	40°	2 1/2"	64mm	THU-N64FF-T38	7514-2664A-S48
	1x6	1x6	5x10	8x10	30°	2 1/2"	64mm	THU-N64DC-T38	7514-1664-R48
	1x5	1x6	4x10	8x10	30°	2 1/2"	64mm	THU-R64FF-T38	7732-4437C-S48
	1x6	1x6	5x10	8x10	35°	2 1/2"	64mm	THU-R64DC-T38	7514-4864-R48
	2x6	2x6	5x10	8x10	35°	3"	76mm	THU-N76FF-T38	7732-5241-S48
	2x6	2x6	5x10	8x10	35°	3"	76mm	THU-N76DC-T38	7514-1876-R48
	2x11	1x6	4x11	8x11	35°	3"	76mm	THU-R76FF-T38	7514-7876A-S48
	4x8	-	5x11	8x11	35°	3"	76mm	THU-R76DC-T38	7514-4876-R48
	1	2	-	-	-	2 1/2"	64mm	THU-N64X-T38	-
	1	2	-	-	-	3"	76mm	THU-N76X-T38	-
	1	2	-	-	-	3 1/2"	89mm	THU-N89X-T38	-
	2	2	1x13	16x13	35°	4"	102mm	THU-REAMER-D-102-T38	-
	1	3	1x13	18x13	35°	5"	127mm	THU-REAMER-D-127-T38	-
	-	4x9	4x14	8x14	35°	5"	127mm	THU-REAMER-S-127/76-T38B	7514-5627-S48
	-	4x9	7x14	8x14	35°	6"	152mm	THU-REAMER-S-152/80-T38	7514-5652-S48



T45 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		
	2x12	1x7	4x12	8x12	30°	3"	76mm	THU-N76FF-T45	7515-2676A-S48
	3x10	1x9	4x11	6x12	35°	3"	76mm	THU-N76DC-T45	7515-5576A-C60
	2x11	1x6	6x18	8x11	35°	3"	76mm	THU-R76FF-T45	7515-7876A-S48
	3x9	1x9	4x11	6x12	35°	3"	76mm	THU-R76DC-T45	7515-7576A-C60
	3x10	1x8	6x10	8x11	35°	3 1/2"	89mm	THU-N89FF-T45	7515-2689A-S48
	3x10	1x10	5x11	6x13	35°	3 1/2"	89mm	THU-N89DC-T45	7515-5589A-C60
	3x10	1x8	6x10	8x11	35°	3 1/2"	89mm	THU-R89FF-T45	7515-7889A-S48
	3x10	1x10	5x12	6x13	40°	3 1/2"	89mm	THU-R89DC-T45	7515-7589A-C60
	3x9	1x9	1x13	18x13	35°	5"	127mm	THU-REAMER-D-127-T45	-
	3x9	1x9	2x14	18x14	35°	6"	152mm	THU-REAMER-D-152-T45	-
	-	4x9	4x14	8x14	35°	5"	127mm	THU-REAMER-S-127/76-T45B	7515-5627-S48
	-	4x9	8x14	8x14	35°	6"	152mm	THU-REAMER-S-152/80-T45B	7515-5652-S48
	-	4x9	8x14	8x14	35°	8"	204mm	THU-REAMER-S-204/137-T45	7528-5604-S81


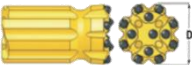

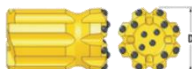

T51 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		
	3x12	1x8	6x10	8x11	35°	3 1/2"	89mm	THU-N89FF-T51	7516-2689A-S48
	3x12	1x12	5x11	6x13	40°	3 1/2"	89mm	THU-N89DC-T51	7516-5589A-C60
	3x12	1x8	6x10	8x11	35°	3 1/2"	89mm	THU-R89FF-T51	7516-7889A-S48
	3x12	1x12	5x11	6x13	40°	3 1/2"	89mm	THU-R89DC-T51	7516-7589A-C60
	3x13	-	9x11	9x13	40°	4"	102mm	THU-N102FF-T51	7516-1902-R48
	4x11	1x11	7x11	8x13	40°	4"	102mm	THU-N102DC-T51	7516-5502A-C60
	5x10	-	8x12	10x13	35°	4"	102mm	THU-R102FF-T51	7516-7002-S70
	3x11	1x11	7x11	8x13	40°	4"	102mm	THU-R102DC-T51	7516-7502A-C60
	3x11	1x11	2x14	18x14	35°	6"	152mm	THU-REAMER-D-152-T51	-
	-	4x9	8x14	8x14	35°	5"	127mm	THU-REAMER-S-127/76-T51	-
	-	3x16	9x16	9x16	35°	6"	152mm	THU-REAMER-S-152/80-T51B	7516-5652-S48
	-	3x16	9x16	9x16	35°	8"	204mm	THU-REAMER-S-204/137-T51	7529-5604-S81

ST58 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		
	4x10	-	6x12	8x13	40°	3 1/2"	89mm	THU-N89FF-ST58	7528-6289-F70
	4x10	-	6x12	8x12	35°	3 1/2"	89mm	THU-N89DC-ST58	7528-8489-R65
	3x12	-	8x11	9x13	35°	3 1/2"	89mm	THU-R89FF-ST58	7528-8589-S70
	4x10	-	4x12	10x12	35°	3 1/2"	89mm	THU-R89DC-ST58	7528-7389-R65
	4x10	-	8x12	10x12	35°	4"	102mm	THU-R102FF-ST58	7528-7302-R70
	4x10	-	7x14	10x14	35°	4 1/2"	115mm	THU-N115FF-ST58	7733-5345A-R48
	4x10	-	8x14	10x14	35°	4 1/2"	115mm	THU-N115DC-ST58	-
	4x10	-	8x14	10x14	35°	4 1/2"	115mm	THU-R115FF-ST58	7528-7315-R70
	4x9	-	4x14	8x14	35°	5"	127mm	THU-REAMER-S-127/76-ST58	7528-5627-S81
	4x9	2x9	8x14	8x14	35°	6"	152mm	THU-REAMER-S-152/80-ST58	7528-5652-S81
	3x16	-	9x16	9x16	35°	8"	204mm	THU-REAMER-S-204/137-ST58	7528-5604-S81

ST68 BIT THREAD

BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number	Compatibility
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric		
	3x13	-	9x12	9x14	40°	4"	102mm	THU-N102FF-ST58	7529-6202-F70
	4x10	-	8x12	10x12	35°	4"	102mm	THU-N102DC-ST68	7529-8402-R65
	2x15	-	5x14	8x16	35°	4"	102mm	THU-R102FF-ST68	7529-8902-S65
	4x10	-	8x12	10x12	35°	4"	102mm	THU-R102DC-ST68	7529-7302-R70
	4x10	-	8x14	10x14	35°	4 1/2"	115mm	THU-N115DC-ST68	7529-8415-R70
	4x10	-	8x14	10x14	35°	4 1/2"	115mm	THU-R115FF-ST68	7529-7315-R65
	4x12	-	8x14	8x16	35°	5"	127mm	THU-N127FF-ST68	-
	4x12	-	8x14	8x16	35°	5"	127mm	THU-R127FF-ST68	-
	4x9	-	4x16	8x16	35°	6"	152mm	THU-REAMER-S-152/80-ST68	7529-5652-S81
	3x16	-	9x16	9x16	35°	8"	204mm	THU-REAMER-S-204/137-ST68	7529-5604-S81
	3x16	-	9x16	9x18	35°	10"	254mm	THU-REAMER-S-254/150-ST68	7529-5654-S65



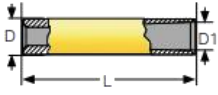
BIT ADAPTORS

Thread		Length, mm	Part Number	Compatibility
Female	Male			
T38	T45	230	ADAPT-THU-FT38-MT45	7334-5401
	T51	280	ADAPT-THU-FT38-MT51	-
T45	T38	220	ADAPT-THU-FT45-MT38	7335-4401
	T51	285	ADAPT-THU-FT45-MT51	7335-6401
T51	T45	225	ADAPT-THU-FT51-MT45	7336-5401
	ST58	280	ADAPT-THU-FT51-MST58	-
	ST68	280	ADAPT-THU-FT51-MST68	-
ST58	T51	320	ADAPT-THU-FST58-MT51	-
	ST68	320	ADAPT-THU-FST58-MST68	-
ST68	T51	350	ADAPT-THU-FST68-MT51	-
	ST58	350	ADAPT-THU-FST68-MST58	-

RECOVERY TOOLS

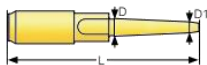
RECOVERY TOOL	Size	Dimensions						Part Number
		D		D1		Length, L		
		Imperial	Metric	Imperial	Metric	Imperial	Metric	

Fishing Sleeve



R32 Round	1 59/64"	49mm	1 55/64"	47mm	11 13/16"	300mm	THU-TOOL-FSLEEVE-R32
R38 Round	2 23/64	60mm	-	-	1' 1 57/64"	353mm	THU-TOOL-FSLEEVE-R38
T35 Round	2 3/64"	52mm	1 31/32"	50mm	11 3/16"	284mm	THU-TOOL-FSLEEVE-T35
T38 Round	2 13/32"	61mm	2 19/64"	58mm	1' 1 57/64"	353mm	THU-TOOL-FSLEEVE-T38
T45 Round	2 51/64"	71mm	2 41/64"	67mm	10 53/64"	275mm	THU-TOOL-FSLEEVE-T45
T51 Round	3 15/64"	82mm	3 5/64"	78mm	1' 5 21/64"	440mm	THU-TOOL-FSLEEVE-T51
ST58 Rods	3 5/8"	92mm	3 7/16"	87mm	1' 5 23/32"	450mm	THU-TOOL-FSLEEVE-ST58
ST68	4 1/64"	102mm	3 37/64"	91mm	1' 3 5/32"	385mm	THU-TOOL-FSLEEVE-ST68

Fishing Pike



R32 rods	49/64"	19.4mm	5/32"	4mm	11 1/32"	280mm	THU-TOOL-FPIKE-R32
T38 rods	49/64"	19.4mm	5/16"	8mm	9 21/64"	237mm	THU-TOOL-FPIKE-T38
T45 rods	1"	25mm	5/16"	8mm	10 53/64"	275mm	THU-TOOL-FPIKE-T45
T51 rods	1 1/16"	27mm	19/32"	15mm	11 7/32"	285mm	THU-TOOL-FPIKE-T51
ST58 rods	1 17/32"	39mm	53/64"	21mm	12 33/64"	318mm	THU-TOOL-FPIKE-ST58
ST68 rods	1 13/16"	46mm	1 7/16"	28mm	1 33/64"	318mm	THU-TOOL-FPIKE-ST68

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Please contact one of our representatives to discuss your equipment needs.



BD Drill

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