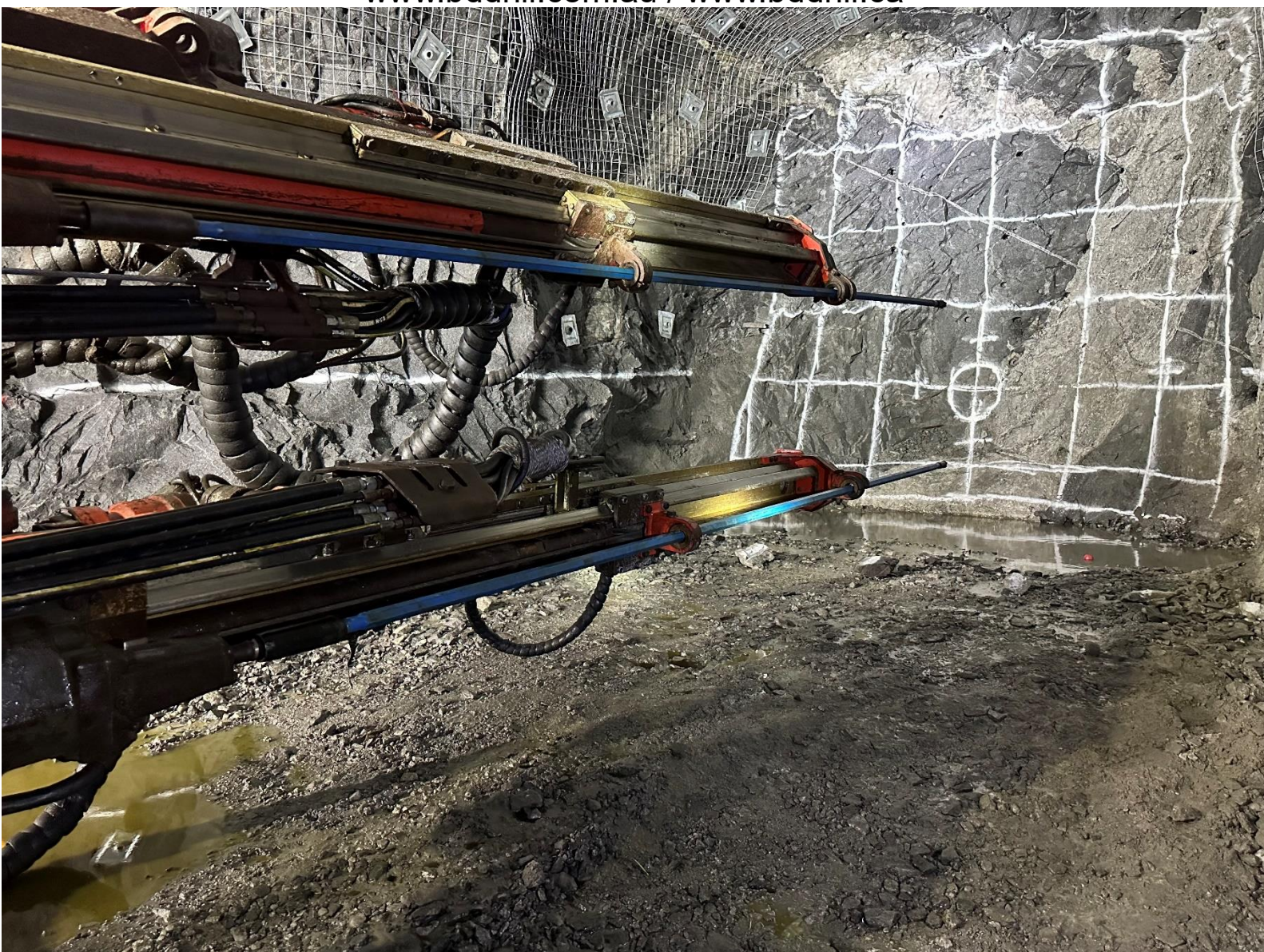


BD Drill

Underground Development Drilling Tools

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



Black Diamond Drilling Services Australia Pty Ltd

ABOUT US

Black Diamond Drilling Services Australia Pty Ltd



WA Headquarters: 52 Distinction Road, Wangara WA 6065

Kalgoorlie Branch: 2 Brookes Way, Kalgoorlie, WA, 6430

Tel: +61-08-6365-6550 **Email:** sales@bddrill.com.au **Web:** www.bddrill.com.au

Black Diamond Drilling Tools Canada Inc.



Sudbury Headquarters: 1899 Lassalle Blvd, unit 6, Sudbury, On, Canada, P3A-2A3

Tel: +1-705-560-5888 **Email:** sales@bddrill.ca **Web:** www.bddrill.ca

Black Diamond Drilling Tools USA LLC.



New Hampshire Headquarters: 131 Daniel Webster Hwy, #426 Nashua, NH 03060

Tel: +1-978-319-8000 **Email:** sales@bddrill.us **Web:** www.bddrill.us

Black Diamond Drilling Mongolia LLC.



Ulan Bator Headquarters: No 206, Second Floor, Arig Center Jamyan Gun Street, 1st Khoroo, Sukhbaatar District, Ulaanbaatar, Mongolia

Tel: +976-99623888 **Email:** sales@bddrilling.mn

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.

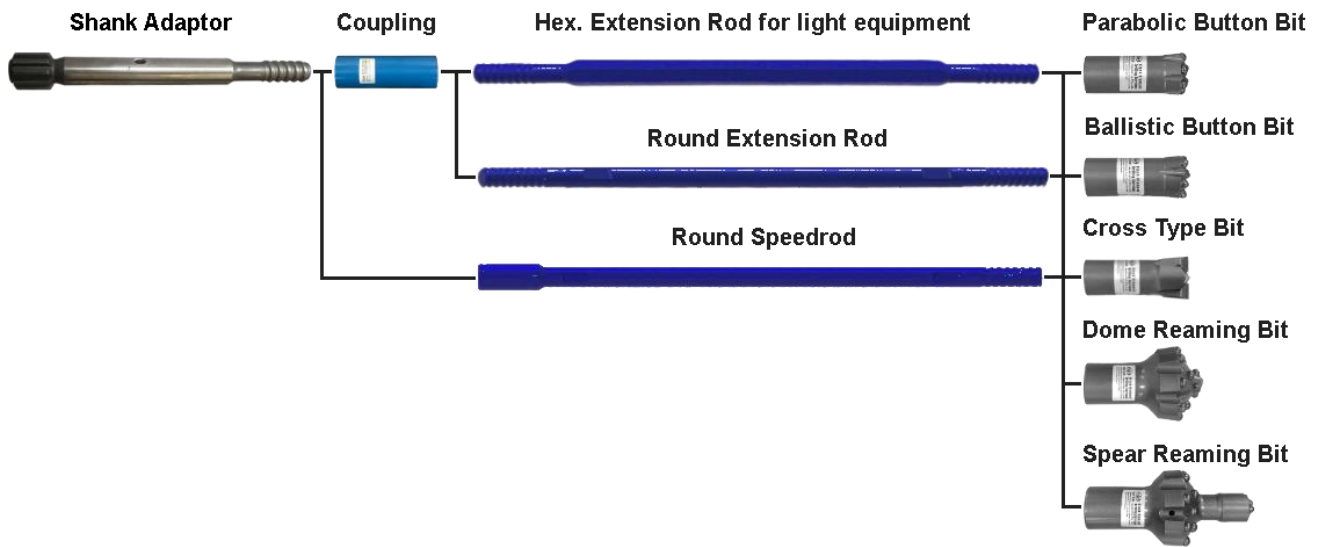
Safe work procedures should incorporate inspection before the machine operates and also through regular monitoring based upon mining conditions, safety and management systems. Workers should be provided with safety information, instruction and training on transportation, installation, operational care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

MAKE A RISK ANALYSIS BEFORE YOU START

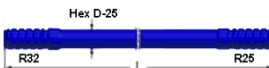
Pay attention to safety when planning all of your work. Before you start, always take your time to go through all operations. Identify any potential risks and take appropriate measures to avoid them. If necessary, seek expert advice on how to help minimize risks. Finally, make sure that you have the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

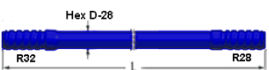
DEVELOPMENT DRILL STRING



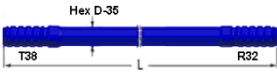
DRIFTER RODS R32 – Hex 25 - R25

RODS	Dimensions				Part Number	Compatibility
	Length, L		Diameter			
	Imperial	Metric	Imperial	Metric		
	6' 1 1/2"	1870mm	1"	25mm	THU-JS-R32-H25-R25-1870	7853-2418-20
	7' 1 5/8"	2175mm	1"	25mm	THU-JS-R32-H25-R25-2175	7853-2421-20
	8' 1 1/2"	2475mm	1"	25mm	THU-JS-R32-H25-R25-2475	7853-2424-20
	8' 7 1/2"	2630mm	1"	25mm	THU-JS-R32-H25-R25-2630	7853-2426-20
	9' 1 5/8"	2785mm	1"	25mm	THU-JS-R32-H25-R25-2785	7853-2427-20
	9' 7 1/2"	2935mm	1"	25mm	THU-JS-R32-H25-R25-2935	7853-2429-20
	10' 1 5/8"	3090mm	1"	25mm	THU-JS-R32-H25-R25-3090	7853-2431-20
	10' 11 1/2"	3340mm	1"	25mm	THU-JS-R32-H25-R25-3340	7853-2433-20
	12' 1 5/8"	3700mm	1"	25mm	THU-JS-R32-H25-R25-3700	7853-2437-20

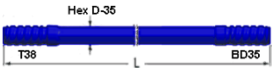
DRIFTER RODS R32 – Hex 28 – R28

RODS	Dimensions				Part Number	Compatibility
	Length, L		Diameter			
	Imperial	Metric	Imperial	Metric		
	8' 1 1/2"	2475mm	1 1/8"	28mm	THU-JS-R32-H28-R28-2475	7853-7624-20
	9' 1 5/8"	2785mm	1 1/8"	28mm	THU-JS-R32-H28-R28-2785	7853-7627-20
	10' 1 5/8"	3090mm	1 1/8"	28mm	THU-JS-R32-H28-R28-3090	7853-7631-20
	10' 11 1/2"	3340mm	1 1/8"	28mm	THU-JS-R32-H28-R28-3340	7853-7633-20
	12' 1 5/8"	3700mm	1 1/8"	28mm	THU-JS-R32-H28-R28-3700	7853-7637-20
	14' 1 1/2"	4305mm	1 1/8"	28mm	THU-JS-R32-H28-R28-4305	7853-7643-20

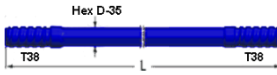
DRIFTER RODS T38 – Hex 35 – R32

RODS	Dimensions				Part Number	Compatibility
	Length		Diameter			
	Imperial	Metric	Imperial	Metric		
	8' 1 1/2"	2475mm	1 3/8"	35mm	THU-JS-T38-H35-R32-2475	7324-9624-20
	10' 1 5/8"	3090mm	1 3/8"	35mm	THU-JS-T38-H35-R32-3090	7324-9631-20
	12' 1 5/8"	3700mm	1 3/8"	35mm	THU-JS-T38-H35-R32-3700	7324-9637-20
	14' 1 1/2"	4305mm	1 3/8"	35mm	THU-JS-T38-H35-R32-4305	7324-9643-20
	16' 1 1/2"	4915mm	1 3/8"	35mm	THU-JS-T38-H35-R32-4915	7324-9649-20
	18' 1 1/2"	5525mm	1 3/8"	35mm	THU-JS-T38-H35-R32-5525	7324-9655-20
	20' 1 1/2"	6135mm	1 3/8"	35mm	THU-JS-T38-H35-R32-6135	7324-9661-20
	21' 1 1/2"	6440mm	1 3/8"	35mm	THU-JS-T38-H35-R32-6440	7324-9664-20


DRIFTER RODS T38 – Hex 35 – BD35

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	8' 1 1/2"	2475mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-2475
	10' 1 5/8"	3090mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-3090
	12' 1 5/8"	3700mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-3700
	14' 1 1/2"	4305mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-4305
	16' 1 1/2"	4915mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-4915
	18' 1 1/2"	5525mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-5525
	20' 1 1/2"	6135mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-6135
	21' 1 1/2"	6440mm	1 3/8"	35mm	THU-JS-T38-H35-BD35-6440


DRIFTER RODS T38 – Hex 35 – T38

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	8' 1 1/2"	2475mm	1 3/8"	35mm	THU-JS-T38-H35-T38-2475
	10' 1 5/8"	3090mm	1 3/8"	35mm	THU-JS-T38-H35-T38-3090
	12' 1 5/8"	3700mm	1 3/8"	35mm	THU-JS-T38-H35-T38-3700
	14' 1 1/2"	4305mm	1 3/8"	35mm	THU-JS-T38-H35-T38-4305
	16' 1 1/2"	4915mm	1 3/8"	35mm	THU-JS-T38-H35-T38-4915
	18' 1 1/2"	5525mm	1 3/8"	35mm	THU-JS-T38-H35-T38-5525
	20' 1 1/2"	6135mm	1 3/8"	35mm	THU-JS-T38-H35-T38-6135
	21' 1 1/2"	6440mm	1 3/8"	35mm	THU-JS-T38-H35-T38-6440


DRIFTER RODS T38 – Round 39 – T38

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	8' 1 1/2"	2475mm	1 17/32"	39mm	THU-JS-T38-R39-T38-2475
	10' 1 5/8"	3090mm	1 17/32"	39mm	THU-JS-T38-R38-T38-3090
	12' 1 5/8"	3700mm	1 17/32"	39mm	THU-JS-T38-R39-T38-3700
	14' 1 1/2"	4305mm	1 17/32"	39mm	THU-JS-T38-R38-T38-4305
	16' 1 1/2"	4915mm	1 17/32"	39mm	THU-JS-T38-R39-T38-4915
	18' 1 1/2"	5525mm	1 17/32"	39mm	THU-JS-T38-R39-T38-5525
	20' 1 1/2"	6135mm	1 17/32"	39mm	THU-JS-T38-R39-T38-6135
	21' 1 1/2"	6440mm	1 17/32"	39mm	THU-JS-T38-R39-T38-6440


DRIFTER RODS T38 – Hex 35 – BD33

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	8' 1 1/2"	2475mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-2475
	10' 1 5/8"	3090mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-3090
	12' 1 5/8"	3700mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-3700
	14' 1 1/2"	4305mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-4305
	16' 1 1/2"	4915mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-4915
	18' 1 1/2"	5525mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-5525
	20' 1 1/2"	6135mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-6135
	21' 1 1/2"	6440mm	1 3/8"	35mm	THU-JS-T38-H35-BD33-6440

MF SPEED RODS T38 – Round 39 – T38

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	8' 1 1/2"	2475mm	1 17/32"	39mm	THU-JS-T38-R39-T38-2475/MF
	10' 1 5/8"	3090mm	1 17/32"	39mm	THU-JS-T38-R39-T38-3090/MF
	12' 1 5/8"	3700mm	1 17/32"	39mm	THU-JS-T38-R39-T38-3700/MF
	14' 1 1/2"	4305mm	1 17/32"	39mm	THU-JS-T38-R39-T38-4305/MF
	16' 1 1/2"	4915mm	1 17/32"	39mm	THU-JS-T38-R39-T38-4915/MF
	18' 1 1/2"	5525mm	1 17/32"	39mm	THU-JS-T38-R39-T38-5525/MF
	20' 1 1/2"	6135mm	1 17/32"	39mm	THU-JS-T38-R39-T38-6135/MF
	21' 1 1/2"	6440mm	1 17/32"	39mm	THU-JS-T38-R39-T38-6440/MF

THREADED RODS T38

RODS	Dimensions				Part Number
	Length, L		Diameter		
	Imperial	Metric	Imperial	Metric	
	12'	3660mm	1 1/2"	38mm	THU-TROD-T38-3660

SHANK ADAPTORS

SHANK ADAPTOR	Drifter Model	Thread	Length, L	Part Number	Compatibility
	HLX5/RDX5	T38	500mm	THU-SHANK-500-T38	7304-7585-01
	HLX5/RDX5	T45	500mm	THU-SHANK-500-T45	7804-7585-01
	RD520/525	T38	525mm	THU-SHANK-525-T38	7304-7669-01
	RD520/525	T45	525mm	THU-SHANK-525-T45	7305-7669-01
	COP MD20	T38	470mm	THU-SHANK-470-T38	7304-3685-01
	COP MD20	T38	560mm	THU-SHANK-560-T38	7304-3687-01
	COP 1838+	T38	525mm	THU-SHANK-525-T38C	7304-3655-01
	COP 1838+	T45	525mm	THU-SHANK-525-T45C	7305-3655-01
	COP 1838MUX+/HUX+	T38	730mm	THU-SHANK-730-T38	7304-3663-01
	COP 1838MUX+/HUX+	T45	730mm	THU-SHANK-730-T45	7305-3663-01

COUPLING SLEEVES


COUPLING SLEEVES	Threads		Dimensions				Part Number	Compatibility
			Length, L		Diameter, D			
			Imperial	Metric	Imperial	Metric		
	T38	R32	10 41/64"	270mm	2 1/4"	45mm	THU-T38-R32-190	7334-3301
	T38	TR35	7 1/2"	190mm	2 5/32"	55mm	THU-T38-TR35-190	-
	T38	T38	7 1/2"	190mm	2 5/32"	55mm	THU-T38-55-190-23	-
	T45	R32	7 1/2"	190mm	2 13/32"	61mm	THU-T45-R32-190	-
	T45	T38	8 43/64"	180mm	2 13/32"	61mm	THU-T45-T38-180	7314-6261
	T45	T45	8 1/4"	210mm	2 33/64"	63mm	THU-T45-63-210-23	7315-3663




DEVELOPMENT DRILLING BITS









R25 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	2x7	5x7	45°	1 5/16"	33mm	THU-N33FF-R25	7732-4433C-S48
	1x4	1x6	2x7	5x9	30°	1 3/8"	35mm	THU-N35FF-R25	7732-4435-S48
	1x5	1x6	2x7	5x9	30°	1 7/16"	37mm	THU-N37FF-R25	7732-4437C-S48
	1x6	1x6	2x7	5x9	35°	1 1/2"	38mm	THU-N38FF-R25	7732-5238-R48
	1x6	1x6	2x8	5x9	35°	1 5/8"	41mm	THU-N41FF-R25	7732-5241-S48

R28 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	1x6	2x7	5x9	30°	1 7/16"	37mm	THU-N37FF-R28	7739-5237-S48
	1x6	1x6	2x7	5x9	35°	1 1/2"	38mm	THU-N38FF-R28	7739-5238-R48
	1x6	1x6	2x7	5x9	35°	1 1/2"	38mm	THU-N38FF-R28B	7739-5238-S48
	1x6	1x6	2x7	5x9	35°	1 1/2"	38mm	THU-N38FF-R28C	7739-5238-S70
	1x6	1x6	2x8	5x9	35°	1 1/2"	38mm	THU-N38FF-R28D	7739-5238-S80
	1x6	1x6	2x8	5x9	35°	1 5/8"	41mm	THU-N41FF-R28	7739-5241-S48

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		
Ballistic Button Bit									
	3x4.5	-	3x8	6x9	10° 35°	1 11/16"	43mm	THU-N43FF-R32-B	7733-6043-F49
	3x5	-	3x8	6x10	10° 35°	1 3/4"	45mm	THU-N45FF-R32-B	7733-6045-F49
	3x5	-	3x9	6x10	10° 35°	1 7/8"	48mm	THU-N48FF-R32-B	7733-6048-F49
	3x6	-	3x9	6x10	10° 40°	2"	51mm	THU-N51FF-R32-B	7733-6051-F49
Parabolic Button Bit									
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-R32	7733-5243A-S48
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-R32B	7733-5243A-S70
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-R32C	7733-5243A-S80
	1x5	2x6	2x9	5x11	30°	1 3/4"	45mm	THU-N45FF-R32	7733-5245A-S48
	1x6	2x7.5	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF-R32	7733-5248A-S48
	1x6	2x7.5	2x10	5x12	35°	2"	51mm	THU-N51FF-R32	7733-5251A-S48
	3x4.5	1x4.5	3x8	6x9	30°	1 11/16"	43mm	THU-N43FF-R32D	7733-5343A-R48
	3x4.5	1x4.5	3x8	6x10	30°	1 3/4"	45mm	THU-N45FF-R32B	7733-5345A-R48
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-R32C	7733-5345A-S48
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-R32D	7733-5345A-S70
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-R32E	7733-5345A-S80
	3x5	1x5	3x9	6x10	30°	1 7/8"	48mm	THU-N48FF-R32B	7733-5348A-R48
	3x6	1x6	3x9	6x10	40°	2"	51mm	THU-N51FF-R32B	7733-1651A-R48
	3x6	1x6	3x9	6x10	35°	2"	51mm	THU-N51FF-R32C	7733-1651A-S48
	3x6	1x6	3x10	6x11	35°	2 1/4"	57mm	THU-N57FF-R32	7733-1657A-S48
		1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-R32
Dome Reaming Bit									
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-HO-102-R32	-
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-HO-127-R32	-
Spearg Reaming Bit									
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-HO-102/41-R32	7733-5602P-S48
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-HO-127/41-R32	7733-5627P-S48

BD35 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	
Ballistic Button bit								
	3x4.5	-	3x8	6x9	10° 35°	1 11/16"	43mm	THU-N43FF-TR35-B
	3x5	-	3x8	6x10	10° 35°	1 3/4"	45mm	THU-N45FF-TR35-B
	3x5	-	3x9	6x10	10° 35°	1 7/8"	48mm	THU-N48FF-TR35-B
	3x6	-	3x9	6x10	10° 40°	2"	51mm	THU-N51FF-TR35-B
Parabolic Button bit								
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-TR35
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-TR35B
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-TR35C
	1x5	2x6	2x9	5x11	30°	1 3/4"	45mm	THU-N45FF-TR35
	1x6	2x7.5	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF-TR35
	1x6	2x7.5	2x10	5x12	35°	2"	51mm	THU-N51FF-TR35
	3x4.5	1x4.5	3x8	6x9	30°	1 11/16"	43mm	THU-N43FF-TR35D
	3x4.5	1x4.5	3x8	6x10	30°	1 3/4"	45mm	THU-N45FF-TR35B
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-TR35C
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-TR35D
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-TR35E
	3x5	1x5	3x9	6x10	30°	1 7/8"	48mm	THU-N48FF-TR35B
	3x6	1x6	3x9	6x10	40°	2"	51mm	THU-N51FF-TR35B
	3x6	1x6	3x9	6x10	35°	2"	51mm	THU-N51FF-TR35C
	3x6	1x6	3x10	6x11	35°	2 1/4"	57mm	THU-N57FF-TR35
	1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-TR35
Dome Reaming Bit								
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-HO-102-TR35
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-HO-127-TR35
Spear Reaming Bit								
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-HO-102/41-TR35
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-HO-127/41-TR35



T38 BIT THREAD

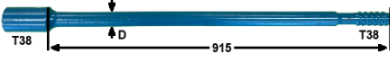
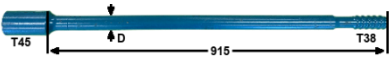
BITS	Flushing Hole, mm		Buttons, mm		Angle	Dimensions		Part Number
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		Imperial	Metric	
Ballistic Button bit								
	3x4.5	-	3x8	6x9	10° 35°	1 11/16"	43mm	THU-N43FF-T38-B
	3x5	-	3x8	6x10	10° 35°	1 3/4"	45mm	THU-N45FF-T38-B
	3x5	-	3x9	6x10	10° 35°	1 7/8"	48mm	THU-N48FF-T38-B
	3x6	-	3x9	6x10	10° 40°	2"	51mm	THU-N51FF-T38-B
Parabolic Button bit								
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-T38
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-T38B
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-T38C
	1x5	2x6	2x9	5x11	30°	1 3/4"	45mm	THU-N45FF-T38
	1x6	2x7.5	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF-T38
	1x6	2x7.5	2x10	5x12	35°	2"	51mm	THU-N51FF-T38
	3x4.5	1x4.5	3x8	6x9	30°	1 11/16"	43mm	THU-N43FF-T38D
	3x4.5	1x4.5	3x8	6x10	30°	1 3/4"	45mm	THU-N45FF-T38B
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-T38C
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-T38D
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-T38E
	3x5	1x5	3x9	6x10	30°	1 7/8"	48mm	THU-N48FF-T38B
	3x6	1x6	3x9	6x10	40°	2"	51mm	THU-N51FF-T38B
	3x6	1x6	3x9	6x10	35°	2"	51mm	THU-N51FF-T38C
	3x6	1x6	3x10	6x11	35°	2 1/4"	57mm	THU-N57FF-T38
	1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-T38
Dome Reaming Bit								
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-HO-102-T38
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-HO-127-T38
Spear Reaming Bit								
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-HO-102/41-T38
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-HO-127/41-T38

BD33 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	
Ballistic Button bit								
	3x4.5	-	3x8	6x9	10° 35°	1 11/16"	43mm	THU-N43FF-BD33-B
	3x5	-	3x8	6x10	10° 35°	1 3/4"	45mm	THU-N45FF-BD33-B
	3x5	-	3x9	6x10	10° 35°	1 7/8"	48mm	THU-N48FF-BD33-B
	3x6	-	3x9	6x10	10° 40°	2"	51mm	THU-N51FF-BD33-B
Parabolic Button bit								
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-BD33
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-BD33B
	1x5	2x6	2x9	5x10	35°	1 11/16"	43mm	THU-N43FF-BD33C
	1x5	2x6	2x9	5x11	30°	1 3/4"	45mm	THU-N45FF-BD33
	1x6	2x7.5	2x9	5x11	35°	1 7/8"	48mm	THU-N48FF-BD33
	1x6	2x7.5	2x10	5x12	35°	2"	51mm	THU-N51FF-BD33
	3x4.5	1x4.5	3x8	6x9	30°	1 11/16"	43mm	THU-N43FF-BD33D
	3x4.5	1x4.5	3x8	6x10	30°	1 3/4"	45mm	THU-N45FF-BD33B
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-BD33C
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-BD33D
	3x4.5	1x4.5	3x8	6x10	25°	1 3/4"	45mm	THU-N45FF-BD33E
	3x5	1x5	3x9	6x10	30°	1 7/8"	48mm	THU-N48FF-BD33B
	3x6	1x6	3x9	6x10	40°	2"	51mm	THU-N51FF-BD33B
	3x6	1x6	3x9	6x10	35°	2"	51mm	THU-N51FF-BD33C
	3x6	1x6	3x10	6x11	35°	2 1/4"	57mm	THU-N57FF-BD33
	1x4.5	4x4.5	-	-	-	1 3/4"	45mm	THU-N45X-BD33
Dome Reaming Bit								
	3x6	1x6	1x13	14x13	35°	4"	102mm	THU-HO-102-BD33
	3x6	1x6	1x13	18x13	35°	5"	127mm	THU-HO-127-BD33
Spear Reaming Bit								
	3x6	1x6	3x10	12x13	35°	4"	102mm	THU-HO-102/41-BD33
	3x7	1x6	3x10	16x13	35°	5"	127mm	THU-HO-127/41-BD33

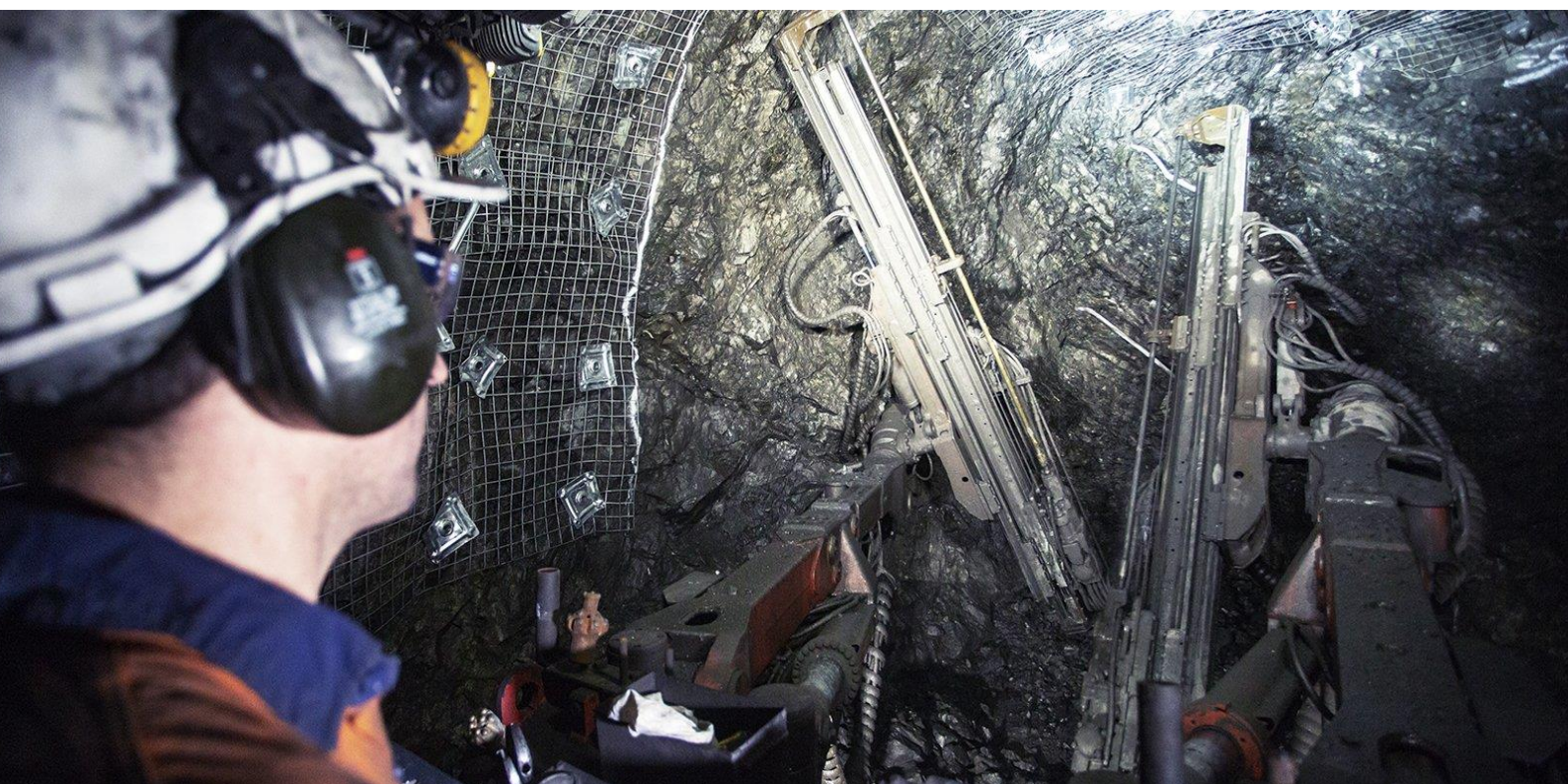
SPLIT SET DRIVING TOOLS

SPLIT SET DOLLY BARS

RODS	Diameter		Part Number	Compatibility
	Imperial	Metric		
	1 1/2"	39mm	THU-DBAR-T38/R39/T38-MF	7324-4709C-20
	1 1/2"	39mm	THU-DBAR-T45/R39/T38-MF	-

SPLIT SET DRIVERS

SPLIT SET DRIVER	Connection	Set Size	Diameter, D	Diameter, d	Length, L	Part Number	Compatibility
	H22x108	33mm	27.5mm	21mm	338mm	THU-TOOL-SSDRIVER-H22/33	7979-2221
	H22x108	39mm	32.5mm	26mm	318mm	THU-TOOL-SSDRIVER-H22/39	7979-2226
	T38	39mm	32.5mm	26mm	174mm	THU-TOOL-SSDRIVER-T38/39	7979-2626
	T38	46mm	36.5mm	30mm	174mm	THU-TOOL-SSDRIVER-T38/46	7979-2630
	R38	39mm	32.5mm	26mm	174mm	THU-TOOL-SSDRIVER-R38/39	7979-4526
	R38	46mm	36.5mm	30mm	174mm	THU-TOOL-SSDRIVER-R38/39	7979-4530



Black Diamond Drilling can custom manufacture equipment to suit your drilling needs.
Please contact one of our representatives to discuss your equipment requirements.



BD Drill

Black Diamond Drilling Services Australia Pty Ltd

WA Headquarters: 52 Distinction Road, Wangara WA 6065

Kalgoorlie Branch: 2 Brookes Way, Kalgoorlie, WA, 6430

Tel: +61-08-6365-6550 **Email:** sales@bdrill.com.au **Web:** www.bdrill.com.au



Black Diamond Drilling Tools Canada Inc.

Sudbury Headquarters: 1899 Lassalle Blvd, unit 6, Sudbury, On, Canada, P3A-2A3

Tel: +1-705-560-5888 **Email:** sales@bdrill.ca **Web:** www.bdrill.ca



Black Diamond Drilling Tools USA LLC.

New Hampshire Headquarters: 131 Daniel Webster Hwy, #426 Nashua, NH 03060

Tel: +1-978-319-8000 **Email:** sales@bdrill.us **Web:** www.bdrill.us



Black Diamond Drilling Mongolia LLC.

Ulan Bator Headquarters: No 206, Second Floor, Arig Center Jamyan Gun Street,
1st Khoroo, Sukhbaatar District, Ulaanbaatar, Mongolia

Tel: +976-99623888 **Email:** sales@bdrilling.mn



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