



EVERTECH

ROCK DRILLING TOOLS



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EVERTECH



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ROCK DRILLING TOOLS

EVERTECH, Rock Drilling Tools

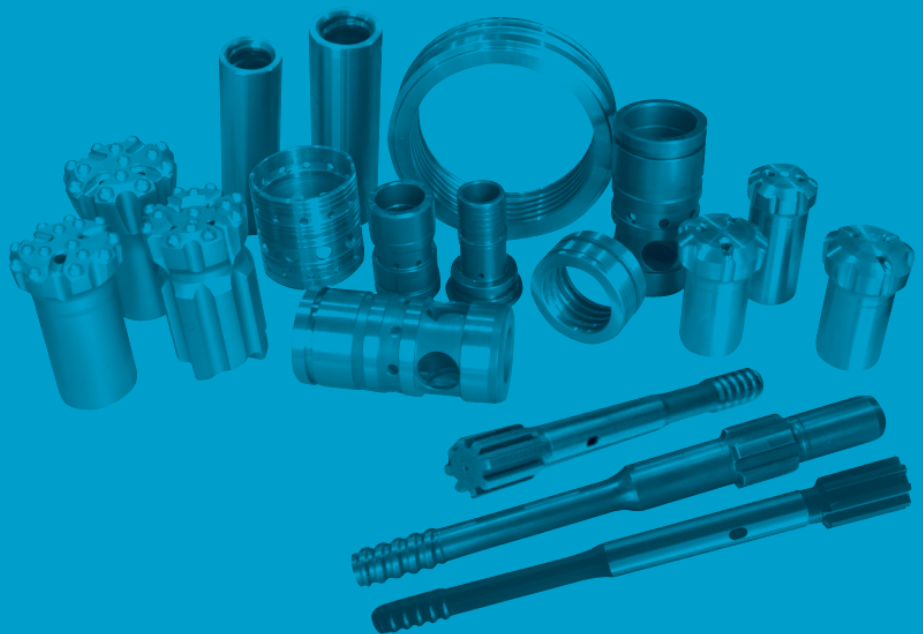


Hello

EVERTECH is the best company with Rock Tool and related Accessories manufacturing technologies. We have met the needs of our clients in all over the world with the best quality based on our technologies since long time ago and have been well received by them with our price and supply.

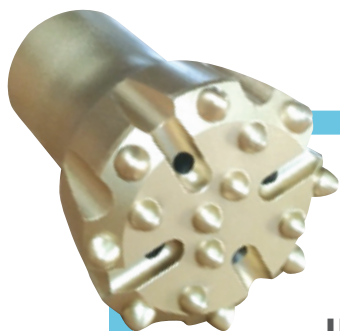
We have lines to manufacture Button Bits, Couplings, Shank Adapters, Extension Rods, M/F Rods and also manufacturing surface Rock Drilling related products. The goal of EVERTECH is to become a supplier to offer products to customers with the cheapest price per unit meter in Rock Drilling Accessory orders. We will respond to your demands for any problems related to Rock Tool.

Thank you





NOMENCLATURE



INTRODUCTION FOR EX-ROD AND M/F ROD ROCK DRILLING BITS GUIDE

DRIFTING DRILLING EQUIPMENT

ROPE THREAD R25(1")-R28(1-1/8")SERIES

(Available upon customer's request)

ROPE THREAD R32(1-1/4")SERIES

BENCH DRILLING EQUIPMENT

ROPE THREAD R38(1-1/2")SERIES

T-THREAD T38(1-1/2")SERIES

T-THREAD T45(1-3/4")SERIES

T-THREAD T51(2")SERIES

T-THREAD T60/GT60(2-3/8")SERIES

REAMING TOOLS (Taper 6° and 12°)

SHANK ADAPTERS

All specifications is available upon customer's request

DOWN THE HOLE BITS

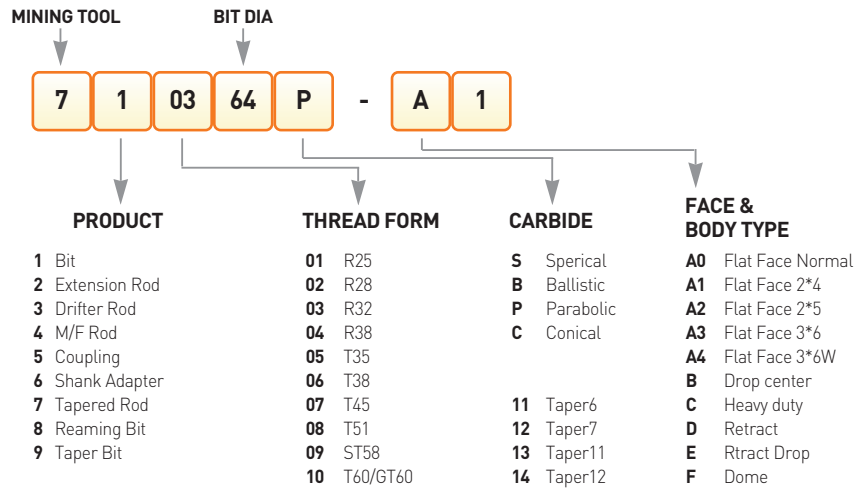
DEMOLITION TOOLS

PRECISION PARTS

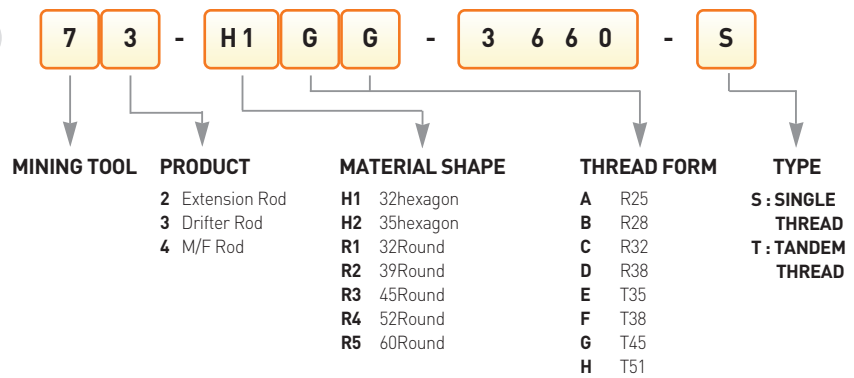
FACILITIES



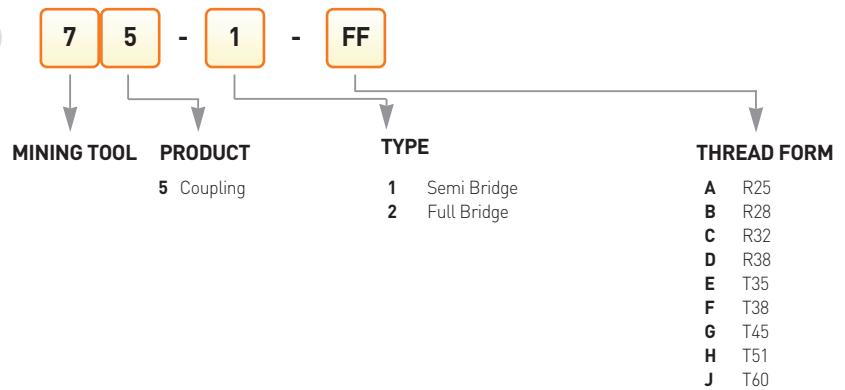
Button Bit



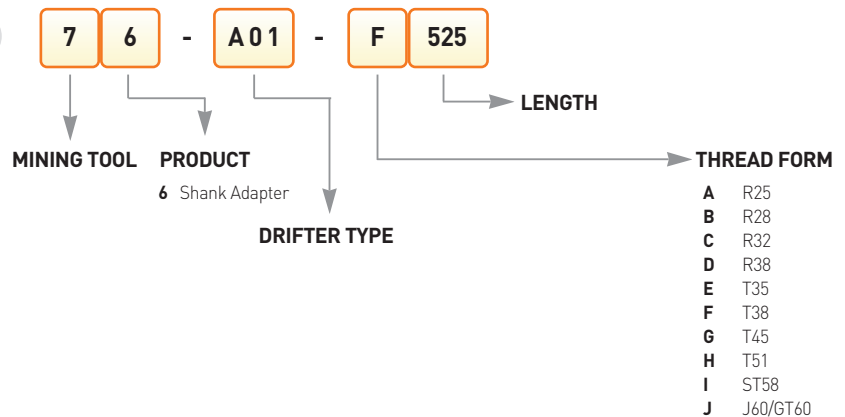
Drifting & Extension Rod



Coupling



Shank Adapter





EVERTECH

offers two distinct forms of heat treatment for its drill rods.

Carburization : This process adds surface hardness, as well as increasing wear and fatigue resistance. This rod offers a case hardness several times deeper than many competitors. This results in a more rigid rod with longer wearing threads.

Induction hardening : single end, tandem end and male/female drill rods. Used primarily on hydraulic drills and larger air drills, the induction hardened threads provide extremely long thread life, while the main body of the rod retains its resistance to fracture under bending loads. The unique case pattern created by our process again can be found to be several times deeper than some competitors. Additionally, the uniform hardness pattern end-wrapped heat treated zone makes drill rod unique in the industry.

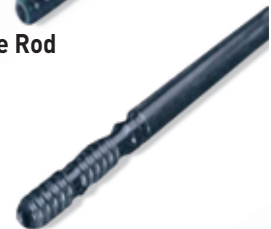
Single Thread Round Rods provide a high degree of rigidity and are recommended for use on hydraulic crawlers and larger air crawlers.

Tandem Thread Round Rods provide the advantages of the rigid single thread rod with the reconditionability feature of spiral rod. One recondition on each end available.

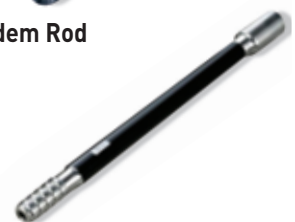
Male-Female(M/F)Rods are usually used on hydraulic crawlers incorporating an automatic rod changer. These rods do not require separate couplings, and can improve energy transmission through the drill rod to the bit. M/F rods are now manufactured with the same heat induction process as our standard single and tandem end rods. Which generates longer life of the rod. This induction process along with inertial weld allows greater flexibility than the rigidity of a carburized rod.



Single Rod



Tandem Rod



Male-Female Rod

ROCK DRILLING BITS GUIDE



The following is a general guide of normal application for the **EVERTECH** style of bits.



Flat Face Button

For cleaning instead of 2 flushing hoses Hard rock, Abrasive rock, Homogeneous rock application.



Hard Rock Button

Toughest drilling Hard rock, Abrasive rock, Homogenous rock application.



Ballistic Button

Limestone and other rock formations. not used in hard rock formation. Medium hard rock, Abrasive rock, Homogeneous rock application.



Drop center Spherical Button

Broken rock formations to obtain a straighter hole. Hard rock, Abrasive rock, Homogeneous rock, penetration rock application.

Drop center Ballistic Button

Medium hard rock, Abrasive rock, Homogenous rock, Penetration rock application.



Retract Spherical Button

Bit body acts as a guide, resisting the tendency to wander away from straight holes at greater depth or through seams in the rock formation. Hard, Medium hard, Abrasive, Fissured, penetration rock application.



Retract ballistic Button

Useful Medium hard, Abrasive, Homogeneous, Fissured, Penetration rock application.



Retract Back Drilling

These back buttons perform extremely well in breaking up fallen debris. Additionally, the back side carbides help to reduce the wear on the body, thereby increasing overall bit life.

CARBIDE SHAPE



Spherical

Hard rock and ultra-hard rock layers. Effective in a rock layer which causes wear in a great degree.



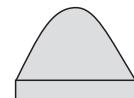
Parabolic

Medium hard rock and hard rock layers



Ballistic

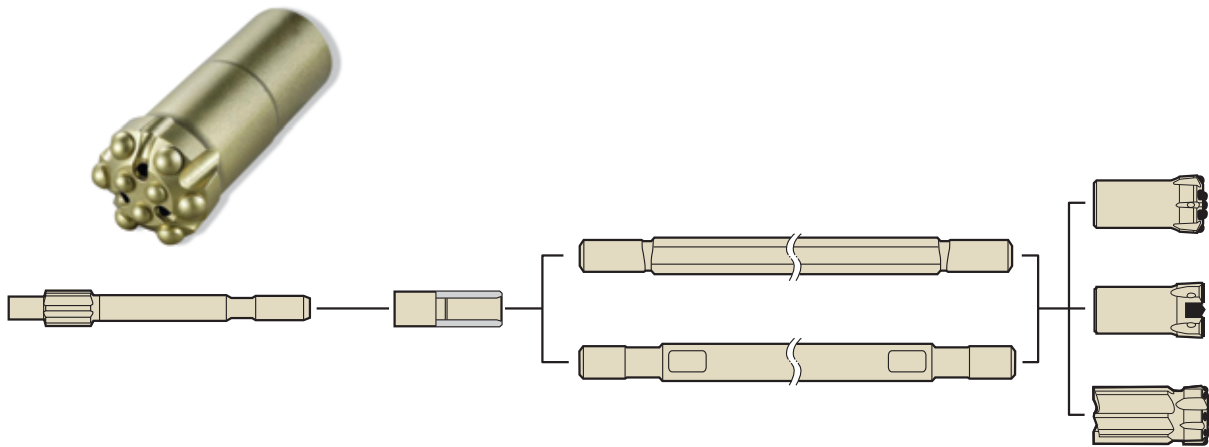
Soft rock and medium hard rock layers. High drilling speed can be obtained compare with cross bit.



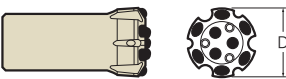
Conical

Limestone, The tip end is sharp and the drilling efficiency is excellent. This bit demonstrates its ability especially in limestone.

DRIFTING DRILLING EQUIPMENT

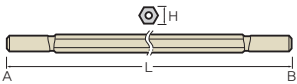
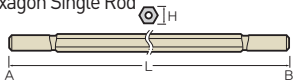
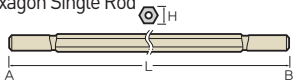


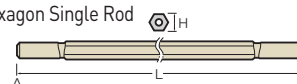
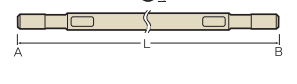
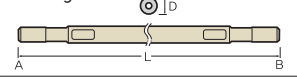
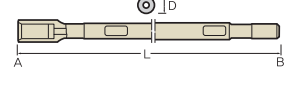
R32 (1 - 1/4") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia				Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Buttons				
		mm	inch	EA	mm	EA	mm	Angle	front	side	kg	
	SP	38	1 1/2"	5	8	2	8	30	3	1	0.5	710338SA2
	SP	41	1 5/8"	5	9	2	8	25	2		0.6	710341SA2
	SP	43	1 11/16"	5	9	2	8	30	2	2	0.6	710343SA2
 Flat Face	SP	38	1 1/2"	5	8	2	8	30	3	1	0.5	710338SA3
	SP	41	1 5/8"	6	8	3	8	30	3	1	0.6	710341SA3
	BA	41	1 5/8"	6	8	3	8	30	3	1	0.6	710341BA3
	SP	43	1 11/16"	6	9	3	8	30	3	2	0.7	710343SA3
	BA	43	1 11/16"	6	9	3	8	30	3	2	0.7	710343BA3
	SP	45	1 3/4"	6	9	3	8	30	3	2	0.7	710345SA3-1
	SP	45	1 3/4"	6	10	3	8	30	3	2	0.7	710345SA3-2
	BA	45	1 3/4"	6	10	3	8	30	3	2	0.7	710345BA3
	SP	48	1 7/8"	6	10	3	9	30	3	1	0.95	710348SA3
	BA	48	1 7/8"	6	10	3	9	30	3	1	0.95	710348BA3
	SP	51	2"	6	10	3	9	30	3	1	1	710351SA3
	BA	51	2"	6	10	3	9	30	3	1	1	710351BA3
	SP	57	2 1/4"	6	11	3	9	30	3	1	1.2	710357SA3
	BA	57	2 1/4"	6	11	3	9	30	3	1	1.2	710357BA3
	SP	64	2 1/2"	8	11	4	10	35	3		1.7	710364SA3
	BA	64	2 1/2"	8	11	4	10	35	3		1.7	710364BA3
 Flat Face	SP	45	1 3/4"	6	10	3	8	30	3	1	0.8	710345SA4
	BA	45	1 3/4"	6	10	3	8	30	3	1	0.8	710345BA4
	PA	45	1 3/4"	6	10	3	8	30	3	1	0.8	710345PA4
	SP	51	2"	6	10	3	9	30	3	1	1	710351SA4
	BA	51	2"	6	10	3	9	30	3	1	1	710351BA4
	PA	51	2"	6	10	3	9	30	3	1	1	710351PA4
	PA	57	2 1/4"	6	11	3	9	30	3		1.2	710357PA4
	PA	64	2 1/2"	6	12	3	11	35	2		1.5	710364PA4
 Retract	BA	57	2 1/4"	6	10	3	10	35	3		1.6	710357BD1
	SP	64	2 1/2"	8	11	4	10	35	3		1.7	710364SD1

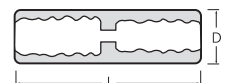


R32 (1 - 1/4") Series

Drifting Rod	Hexagon H		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft / inch	kg	A	B	
Hexagon Single Rod 	32	1 1/4"	3090	10' 2"	19.7	R32	R38	73H1CD3090
			3700	12' 2"	23.4	R32	R38	73H1CD3700
			4310	14'	27.2	R32	R38	73H1CD4310
Hexagon Single Rod 	32	1 1/4"	3090	10' 2"	19.5	R32	T38	73H1CF3090
			3700	12' 2"	23.2	R32	T38	73H1CF3700
			4310	14'	27.1	R32	T38	73H1CF4310
Hexagon Single Rod 	35	1 3/8"	4310	14' 2"	30.3	R32	R38	73H2CD4310
			4920	16' 2"	36.9	R32	R38	73H2CD4920
			4920		36.9	R32	T38	73H2CF4920

Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft / inch	kg	A	B	
Hexagon Single Rod 	32	1 1/4"	3050	10"	20.4	R32	T38	72H1CF3050S
			3660	12"	24	R32	T38	72H1CF3660S
Round Single Rod 	32	1 1/4"	1000	3' 3"	5.64	R32	R32	72R1CC1000S
			1220	4"	6.88	R32	R32	72R1CC1220S
			1820	6"	10.04	R32	R32	72R1CC1820S
			2440	8"	13.72	R32	R32	72R1CC2440S
			3050	10"	17.3	R32	R32	72R1CC3050S
			3660	12'	20.63	R32	R32	72R1CC3660S
Round Single Rod 	39	1 9/16"	3050	10"	24.7	R32	T38	72R2CF3050S
			3660	12"	29.4	R32	T38	72R2CF3660S
			4270	14"	37.3	R32	T38	72R2CF4270S
Round M/F Rod 	32	1 1/4"	1220	4"	16.07	R32	R32	74R1CC1220
			1525	5"	19.6	R32	R32	74R1CC1525
			1830	6'	22.6	R32	R32	74R1CC1830
			2435	8"	30.39	R32	R32	74R1CC2435
			3050	10"	37	R32	R32	74R1CC3050
			3660	12'	43	R32	R32	74R1CC3660
			4270	14"	50	R32	R32	74R1CC4270

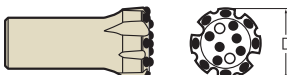
Coupling Sleeve	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	44	1 3/4"	150	6"	1	R32	R32	751CC

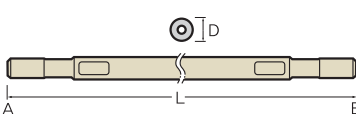
Adapter Coupling	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	54	2 1/8"	181	7.13"	1.7	R32	R38	752CD
	54	2 1/8"	190	7.4"	1.9	R32	T38	752CF

BENCH DRILLING

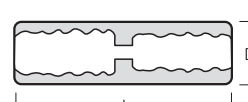


R38 (1 - 1/2") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons	front	side		
		mm	inch	EA	mm	EA	mm	EA	mm	Angle				
 Flat Face	SP	64	2 1/2"	8	11	4	10			35	2		1.5	710464SA0
	BA	64	2 1/2"	8	11	4	10			35	2		1.5	710464BA0
	SP	70	2 3/4"	8	10	6	10			35	2		1.7	710470SA0
	SP	76	3"	8	11	4	11			35	2		1.9	710476SA0
	BA	76	3"	8	11	4	11			35	2		1.9	710476BA0
	SP	89	3 1/2"	9	11	6	10			35	3		3.7	710489SA0
	BA	89	3 1/2"	9	11	6	10			35	3		3.7	710489BA0
	SP	102	4"	9	12	6	12			35	3		4.6	7104102SA0
	BA	102	4"	9	12	6	12			35	3		4.6	7104102BA0
 Drop Center	SP	64	2 1/2"	6	11	4	10			35	3		1.42	710464SB
	BA	64	2 1/2"	6	11	4	10			35	3		1.42	710464BB
	SP	76	3"	6	11	4	11			35	3		2.6	710476SB
	BA	76	3"	6	11	4	11			35	3		2.6	710476BB
	SP	89	3 1/2"	8	12	5	11			35	4		3.6	710489SB
	BA	89	3 1/2"	8	12	5	11			35	4		3.6	710489BB

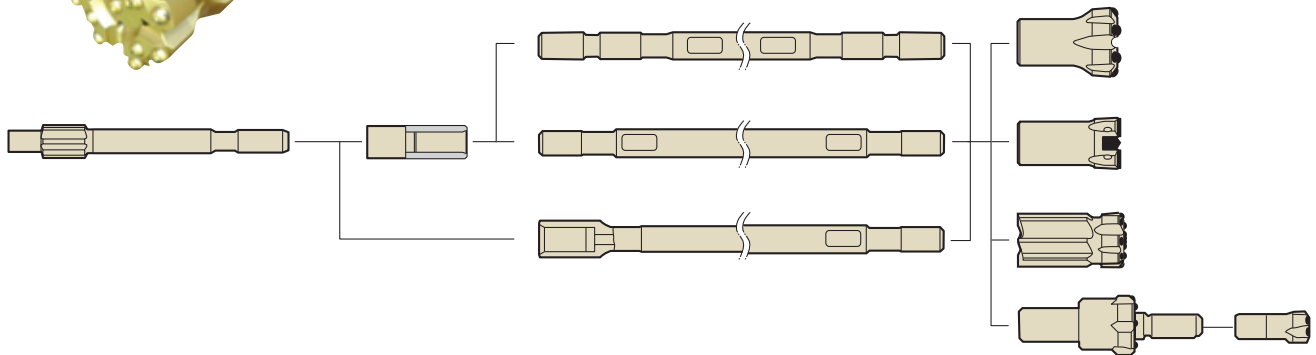
Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft	kg	A	B	
 Round Single Rod	39	1 1/2"	1220	4	9.7	R38	R38	72R2DD1220S
			2435	8'	14.5			72R2DD2435S
			3050	10'	24.7			72R2DD3050S
			3660	12'	29.4			72R2DD3660S

Coupling Sleeve	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	54	2 1/8"	170	6 3/4"	1.7	R38	R38	751DD

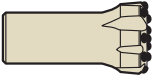
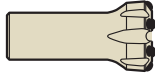
Adapter Coupling	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	54	2 1/8"	181	7 9/64"	1.7	R32	R38	752CD
	54	2 1/8"	190	7.4"	1.8	R38	T38	752DF



BENCH DRILLING



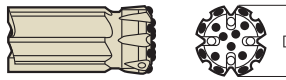
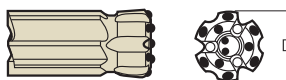
T38 (1 - 1/2") Series

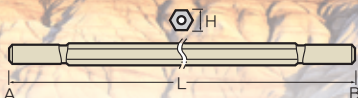
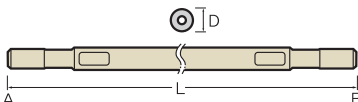
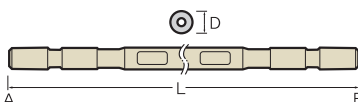
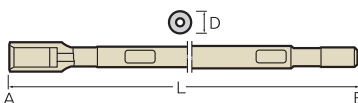
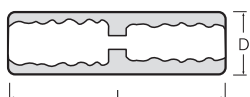
Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons	Hole			
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
  Flat Face	SP	64	2 1/2"	8	11	4	10			35	2		1.5	710664SA0
	BA	64	2 1/2"	8	11	4	10			35	2		1.5	710664BA0
	SP	70	2 3/4"	8	10	6	10			35	2		1.7	710670SA0
	SP	76	3"	8	11	4	11			35	2		1.9	710676SA0
	BA	76	3"	8	11	4	11			35	2		1.9	710676BA0
  Flat Face	SP	89	3 1/2"	9	11	6	10			35	3		3.7	710689SA0
	BA	89	3 1/2"	9	11	6	10			35	3		3.7	710689BA0
	SP	102	4"	9	12	6	12			35	3		4.6	7106102SA0-1
	BA	102	4"	9	12	6	12			35	3		4.6	7106102BA0-1
  Flat Face	SP	102	4"	8	14	5	12			35	4		4.8	7106102SA0-2
	BA	102	4"	8	14	5	12			35	4		4.8	7106102BA0-2
  Flat Face	PA	64	2 1/2"	6	12	3	11			35	3		1.5	710664PA0
	PA	76	3"	7	12	3	11			35	3		1.8	710676PA0
  Drop Center	SP	64	2 1/2"	6	11	4	10			35	3		1.42	710664SB
	BA	64	2 1/2"	6	11	4	10			35	3		1.42	710664BB
	SP	76	3"	6	11	4	11			35	3		2.6	710676SB
	BA	76	3"	6	11	4	11			35	3		2.6	710676BB
  Drop Center	SP	89	3 1/2"	8	12	5	11			35	4		3.6	710689SB
	BA	89	3 1/2"	8	12	5	11			35	4		3.6	710689BB
	SP	102	4"	8	14	5	12			35	4		5.5	7106102SB
	BA	102	4"	8	14	5	12			35	4		5.5	7106102BB
  Heavy Duty	SP	64	2 1/2"	6	12	3	11			35	3		1.7	710664SC
	SP	76	3"	8	12	4	11			35	2		2.7	710676SC
	SP	89	3 1/2"	8	13	5	13			35	2		3.9	710689SC

BENCH DRILLING

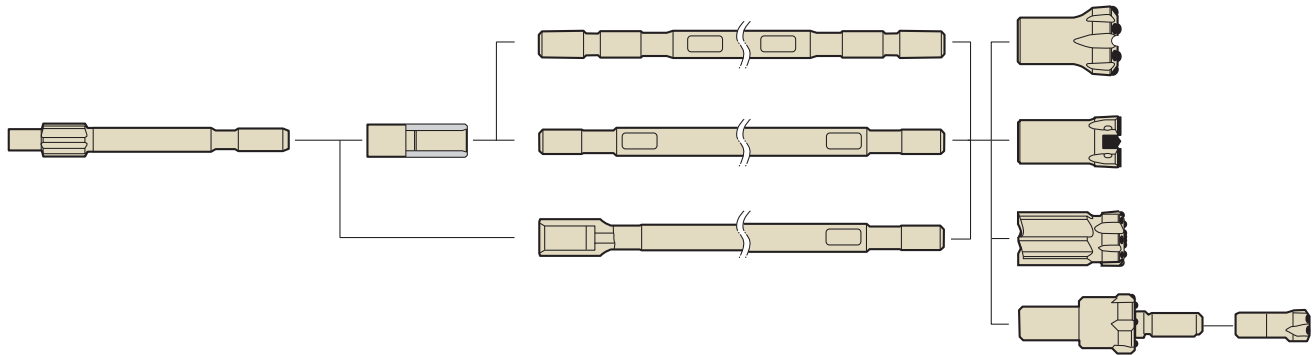


T38 (1 - 1/2") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing		Approx	Part No.
		Dia		Gauge		Front		Center		Buttons	Hole		Weight	
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
 Retract Flat Face	SP	64	2 1/2"	8	11	4	10			35	2		1.9	710664SD
	BA	64	2 1/2"	8	11	4	10			35	2		1.9	710664BD
	SP	76	3"	8	11	4	11			35	2		3	710676SD-1
	BA	76	3"	8	11	4	11			35	2		3	710676BD-1
	SP	76	3"	8	12	4	10			35	2		3	710676SD-2
	BA	76	3"	8	12	4	10			35	2		3	710676BD-2
 Retract Flat Face	SP	89	3 1/2"	8	11	6	11			35	4		5.5	710689SD
	BA	89	3 1/2"	8	11	6	11			35	4		5.5	710689BD
	SP	102	4"	8	12	6	11			35	4		7.2	7106102SD
	BA	102	4"	8	12	6	11			35	4		7.2	7106102BD
 Retract Drop Center	SP	64	2 1/2"	6	11	3	10	1	10	35	3		1.9	710664SE-1
	BA	64	2 1/2"	6	11	3	10	1	10	35	3		1.9	710664BE-1
	SP	76	3"	6	11	3	11	1	11	35	3		3	710676SE-1
	BA	76	3"	6	11	3	11	1	11	35	3		3	710676BE-1
 Retract Drop Center	SP	76	3"	8	11	4	11	1	10	35	4		3	710676SE-2
	BA	76	3"	8	11	4	11	1	10	35	4		3	710676BE-2
	SP	89	3 1/2"	8	11	4	11	2	9	35	4	1	5.3	710689SE-1
	BA	89	3 1/2"	8	11	4	11	2	9	35	4	1	5.3	710689BE-1
	SP	89	3 1/2"	8	12	4	11	2	9	35	4	1	5.3	710689SE-2
	BA	89	3 1/2"	8	12	4	11	2	9	35	4	1	5.3	710689BE-2
	BA	95	3 3/4"	8	11	4	11	2	10	35	4	1	6	710695SE-1
	SP	95	3 3/4"	8	12	4	11	2	10	35	4	1	6	710695SE-2
	BA	95	3 3/4"	8	12	4	11	2	10	35	4	1	6	710695BE
	BA	102	4"	8	12	4	11	2	11	35	4	1	7.1	7106102BE
	BA	105		8	12	4	11	2	11	35	4	1	7.5	7106105BE
	BA	117	4"	8	14	4	13	3	13	35	4		8.7	7106117BE
	BA	127	5"	8	14	4	14	3	13	35	4		10.5	7106127BE

Extension Rod		Hexagon H		Length		Approx' Weight		Thread		Part No.
		mm	inch	mm	ft	kg		A	B	
Hexagon Rod		32	1 1/4"	3050	10'	20.4		T38	T38	72H1FF3050
				3660	12'	24				72H1FF3660
				4270	14'	26				72H1FF4270
Extension Rod		Round D		Length		Approx' Weight		Thread		Part No.
		mm	inch	mm	ft /inch	kg		A	B	
Round Single Rod		39	1 9/16"	1020	3.3"	8.2		T38	T38	72R2FF1020S
				1220	4'	9.9				72R2FF1220S
				1525	5'	12.3				72R2FF1525S
				1830	6'	14.7				72R2FF1830S
				2020	6'.6"	17.7				72R2FF2020S
				3050	10'	24.7				72R2FF3050S
				3660	12'	29.4				72R2FF3660S
				4000	12'	32.1				72R2FF4000S
				4270	14'	34.7				72R2FF4270S
Extension Rod		Round D		Length		Approx' Weight		Thread		Part No.
		mm	inch	mm	ft	kg		A	B	
Round Tandem Rod		39	1 9/16"	3050	10'	24.7		T38	T38	72R2FF3050T
				3660	12'	29.4				72R2FF3660T
				4000	13'	32.1				72R2FF4000T
				4270	14'	34.7				72R2FF4270T
Round M/F Rod		39	1 9/16"	1220	4'	9.9		T38	T38	74R2FF1220
				1525	5'	12.3				74R2FF1525
				1830	6'	14.7				74R2FF1830
				2440	8'	21.3				74R2FF2440
				3050	10'	24.7				74R2FF3050
				3660	12'	29.4				74R2FF3660
Coupling Sleeve		Round D		Length		Approx' Weight		Thread		Part No.
		mm	inch	mm	inch	kg		A	B	
		54	2 1/8"	190	7 1/2"	1.8		T38	T38	751FF
Adapter Coupling		Round D		Length		Approx' Weight		Thread		Part No.
		mm	inch	mm	inch	kg		A	B	
		54	2 1/8"	190	7 1/2"	1.7		T38	R32	752FC
		54	2 1/8"	190	7 1/2"	1.7		T38	R38	752FD
		64.5	2 1/2"	206	8 15/32"	3.1		T38	T45	752FG

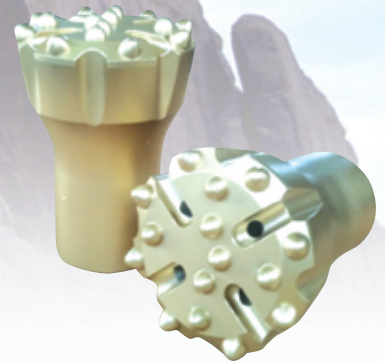
BENCH DRILLING

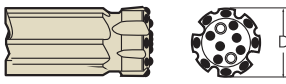
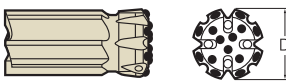


T45 (1 - 3/4") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight kg	Part No.
		Dia		Gauge		Front		Center		Buttons	front	side		
		mm	inch	EA	mm	EA	mm	EA	mm	Angle				
 Flat Face	SP	76	3"	8	11	4	11			35	2		2.3	710776SA0
	BA	76	3"	8	11	4	11			35	2		2.3	710776BA0
 Flat Face	SP	89	3 1/2"	9	11	6	10			35	3		3.7	710789SA0
	BA	89	3 1/2"	9	11	6	10			35	3		3.7	710789BA0
	SP	102	4"	9	12	6	12			35	3		4.8	7107102SA0-1
	BA	102	4"	9	12	6	12			35	3		4.8	7107102BA0-1
 Flat Face	SP	102	4"	8	14	5	12			35	4		4.8	710710SA0-2
	BA	102	4"	8	14	5	12			35	4		4.8	710710BA0-2
	SP	115	4 1/2"	8	14	7	13			35	4		5.4	7107115SA0
	BA	115	4 1/2"	8	14	7	13			35	4		5.4	7107115BA0
 Drop Center	PA	76	3"	7	12	4	11	1	11	35	3		2.4	710776PB
	SP	76	3"	6	11	3	11	1	11	35	3		2.4	710776SB-1
	BA	76	3"	6	11	3	11	1	11	35	3		2.4	710776BB-1
	SP	76	3"	6	12	3	11	1	11	35	3		2.4	710776SB-2
	BA	76	3"	6	12	3	11	1	11	35	3		2.4	710776BB-2
 Drop Center	SP	89	3 1/2"	8	12	4	11	1	11	35	4		3.4	710789SB
	BA	89	3 1/2"	8	12	4	11	1	11	35	4		3.4	710789BB
	SP	102	4"	8	14	4	12	1	12	35	4		4.8	7107102SB
	BA	102	4"	8	14	4	12	1	12	35	4		4.8	7107102BB
	SP	115	4 1/2"	8	14	4	13	3	13	35	4		6.2	7107115SB
	BA	115	4 1/2"	8	14	4	13	3	13	35	4		6.2	7107115BB
	SP	127	5"	8	14	4	14	3	14	35	4		6.8	7107127SB
	BA	127	5"	8	14	4	14	3	14	35	4		6.8	7107127BB
 Heavy Duty	SP	76	3"	8	12	4	12			35	2		2.3	710776SC
	SP	89	3 1/2"	8	13	5	13			35	2		3.4	710789SC
	SP	102	4"	8	14	6	14			35	2		4.5	7107102SC

BENCH DRILLING

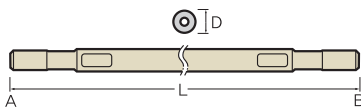


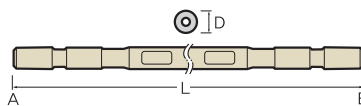
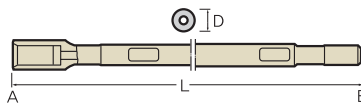
Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons				
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
 Retract Flat Face	SP	76	3"	8	11	4	11			35	2		2.8	710776SD
	BA	76	3"	8	11	4	11			35	2		2.8	710776BD
 Retract Flat Face	SP	89	3 1/2"	8	11	6	11			35	4	1	5.4	710789SD-1
	BA	89	3 1/2"	8	11	6	11			35	4	1	5.4	710789BD-1
	SP	89	3 1/2"	8	12	6	11			35	4	1	5.4	710789SD-2
	BA	89	3 1/2"	8	12	6	11			35	4	1	5.4	710789BD-2
	SP	102	4"	8	12	6	11			35	4	1	7	7107102SD-1
	BA	102	4"	8	12	6	11			35	4	1	7	7107102BD-1
	SP	102	4"	8	13	6	12			35	4	1	7	7107102SD-2
	BA	102	4"	8	13	6	12			35	4	1	7	7107102BD-2
	SP	115	4 1/2"	8	14	7	13			35	4		8.7	7107115SD
	BA	115	4 1/2"	8	14	7	13			35	4		8.7	7107115BD
 Retract Drop Center	SP	76	3"	8	11	4	11	1	10	35	4		2.9	710776SE
	BA	76	3"	8	11	4	11	1	10	35	4		2.9	710776BE
	SP	89	3 1/2"	8	11	4	11	2	9	35	4	1	5.3	710789SE-1
	BA	89	3 1/2"	8	11	4	11	2	9	35	4	1	5.3	710789BE-1
	SP	89	3 1/2"	8	12	4	11	2	11	35	4	1	5.3	710789SE-2
	BA	89	3 1/2"	8	12	4	11	2	11	35	4	1	5.3	710789BE-2
	SP	102	4"	8	12	4	11	2	11	35	4	1	7	7107102SE-1
	BA	102	4"	8	12	4	11	2	11	35	4	1	7	7107102BE-1
	SP	102	4"	8	13	4	12	2	12	35	4	1	7	7107102SE-2
	BA	102	4"	8	13	4	12	2	12	35	4	1	7	7107102BE-2
	SP	115	4 1/2"	8	14	4	13	3	13	35	4		8.7	7107115SE
	BA	115	4 1/2"	8	14	4	13	3	13	35	4		8.7	7107115BE



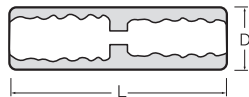
BENCH DRILLING



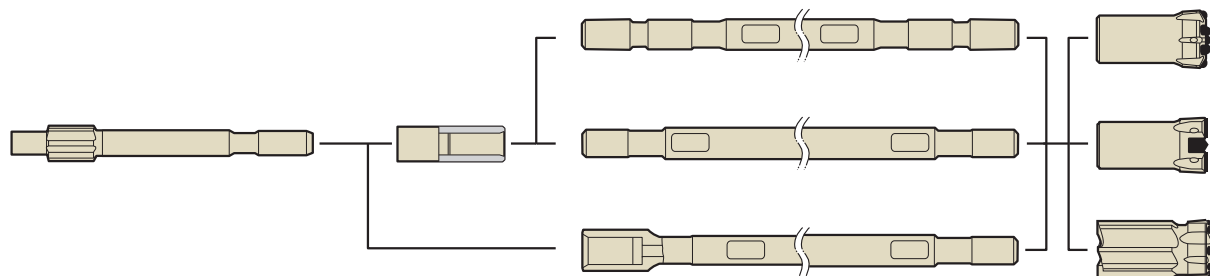
Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft	kg	A	B	
Round Single Rod 	45	1 3/4"	3050	10'	34	T45	T45	72R3GG3050S
			3660	12'	41			72R3GG3660S
			4270	14'	48			72R3GG4270S

Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft	kg	A	B	
Round Tandem Rod 	45	1 3/4"	3050	10'	34	T45	T45	72R3GG3050T
			3660	12'	41			72R3GG3660T
Round M/F Rod 	45	1 3/4"	1830	6'	22.6	T45	T45	74R3GG1830
			3050	10'	37			74R3GG3050
			3660	12'	43			74R3GG3660
			4270	14'	50			74R3GG4270

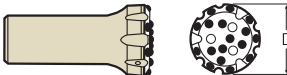
Coupling Sleeve	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	64.8	2 1/2"	212	8 1/4"	2.7	T45	T45	751GG

Adapter Coupling	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	64.5	2 1/2"	206	8 1/4"	3.1	T45	R38	752GF
	76.2	2 7/8"	223	9 1/2"	4	T45	T51	752GH

BENCH DRILLING



T51 (2") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons	Hole			
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
 Flat Face	SP	89	3 1/2"	9	11	6	10			35	3		3.4	710889SA0
	BA	89	3 1/2"	9	11	6	10			35	3		3.4	710889BA0
	SP	102	4"	9	12	7	12			35	3		4.4	7108102SA0-1
	BA	102	4"	9	12	7	12			35	3		4.4	7108102BA0-1
 Flat Face	SP	102	4"	8	14	5	12			35	4		4.5	7108102SA0-2
	BA	102	4"	8	14	5	12			35	4		4.5	7108102BA0-2
	SP	115	4 1/2"	8	14	7	13			35	4		5.3	7108115SA0
	BA	115	4 1/2"	8	14	7	13			35	4		5.3	7108115BA0
	SP	127	5"	8	14	7	14			35	4		6.1	7108127SA0
	BA	127	5"	8	14	7	14			35	4		6.1	7108127BA0
 Drop Center	SP	89	3 1/2"	8	12	4	11	1	11	35	4		3.3	710889SB-1
	BA	89	3 1/2"	8	12	4	11	1	11	35	4		3.3	710889BB-1
	SP	89	3 1/2"	8	13	4	11	1	11	35	4		3.3	710889SB-2
	BA	89	3 1/2"	8	13	4	11	1	11	35	4		3.3	710889BB-2
	SP	102	4"	8	14	4	12	1	12	35	4		4.7	7108102SB-1
	BA	102	4"	8	14	4	12	1	12	35	4		4.7	7108102BB-1
	SP	102	4"	8	14	4	14	1	14	35	4		4.8	7108102SB-2
	BA	102	4"	8	14	4	14	1	14	35	4		4.8	7108102BB-2
	SP	115	4 1/2"	8	14	4	13	3	13	35	4		5.7	7108115SB
	BA	115	4 1/2"	8	14	4	13	3	13	35	4		5.7	7108115BB
	SP	127	5"	8	14	4	13	3	14	35	4		6.7	7108127SB
	BA	127	5"	8	14	4	13	3	14	35	4		6.7	7108127BB
 Heavy Duty	SP	89	3 1/2"	8	13	5	13			35	2		3.2	710889SC
	SP	102	4"	8	14	6	14			35	2		4.7	7108102SC
	SP	115	4 1/2"	8	14	6	14			35	2		6	7108115SC
	SP	127	5"	8	14	7	14			35	2		6.3	7108127SC



BENCH DRILLING

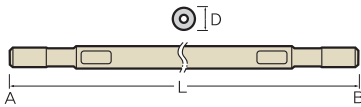


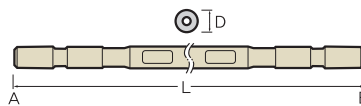
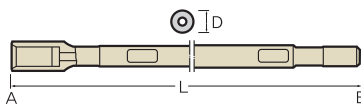
T51 (2") Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons	Hole			
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
 Retract Flat Face	SP	89	3 1/2"	8	11	6	11			35	4	1	5.2	710889SD-1
	BA	89	3 1/2"	8	11	6	11			35	4	1	5.2	710889BD-1
	SP	89	3 1/2"	8	12	6	11			35	4	1	5.2	710889SD-2
	BA	89	3 1/2"	8	12	6	11			35	4	1	5.2	710889BD-2
	SP	102	4"	8	12	6	11			35	4	1	6.9	7108102SD-1
	BA	102	4"	8	12	6	11			35	4	1	6.9	7108102BD-1
	SP	102	4"	8	13	6	12			35	4	1	6.9	7108102SD-2
	BA	102	4"	8	13	6	12			35	4	1	6.9	7108102BD-2
	SP	115	4 1/2"	8	14	7	12			35	4		8.3	7108115SD
	BA	115	4 1/2"	8	14	7	12			35	4		8.3	7108115BD
	SP	127	5"	8	14	7	14			35	4		10.1	7108127SD
	BA	127	5"	8	14	7	14			35	4		10.1	7108127BD
 Retract Drop Center	SP	89	3"	8	11	4	11	2	9	35	4	1	5.2	710889SE-1
	BA	89	3"	8	11	4	11	2	9	35	4	1	5.2	710889BE-1
	SP	89	3 1/2"	8	12	4	11	2	11	35	4	1	5.2	710889SE-2
	BA	89	3 1/2"	8	12	4	11	2	11	35	4	1	5.2	710889BE-2
	SP	102	4"	8	12	4	11	2	11	35	4	1	6.9	7108102SE-1
	BA	102	4"	8	12	4	11	2	11	35	4	1	6.9	7108102BE-1
	SP	102	4"	8	13	4	11	2	11	35	4	1	6.9	7108102SE-2
	BA	102	4"	8	13	4	11	2	11	35	4	1	6.9	7108102BE-2
	SP	115	4 1/2"	8	14	4	13	3	13	35	4		8.2	7108115SE
	BA	115	4 1/2"	8	14	4	13	3	13	35	4		8.2	7108115BE
	SP	127	5"	8	14	4	14	3	14	35	4		10	7108127SE
	BA	127	5"	8	14	4	14	3	14	35	4		10	7108127BE

BENCH DRILLING

T51 (2") Series

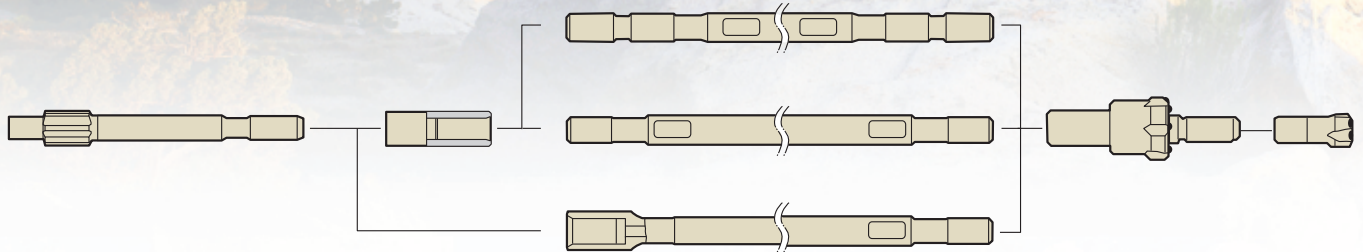
Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft	kg	A	B	
Round Single Rod 	51	2"	3660	12'	50	T51	T51	72R4HH3660S 72R4HH4270S
			4270	14'	61			

Extension Rod	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	ft	kg	A	B	
Round Tandem Rod 	51	2"	3660	12'	49.5	T51	T51	72R4HH3660T 72R4HH4270T
			4270	14'	59			
Round M/F Rod 	51	2"	3660	12'	53	T51	T51	74R4HH3660 74R4HH4270
			4270	14'	61.6			

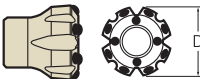
Coupling Sleeve	Round D		Length		Approx' Weight	Thread		Part No.
	mm	inch	mm	inch	kg	A	B	
	76	3"	228	9"	4.1	T51	T51	751HH



REAMING BITS



Taper 6° Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing Hole		Approx Weight	Part No.
		Dia		Gauge		Front		Center		Buttons				
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
	SP	76	3"	6	11	3	11			35			1.25	781176SA0
	SP	89	3 1/2"	8	12	4	11			35			2.8	781189SA0
	SP	102	4"	8	13	4	12			35			3.5	7811102SA0
	SP	115	4 1/2"	8	13	4	13			35			4.3	7811115SA0
	SP	127	5"	12	12	8	12			35			5.1	7811127SA0

Taper 12° Series

Bit	Carbide Shape	Dimension		Buttons*Button Dia						Gauge	Flushing		Approx	Part No.
		Dia		Gauge		Front		Center		Buttons	Hole		Weight	
		mm	inch	EA	mm	EA	mm	EA	mm	Angle	front	side	kg	
	SP	89	3 1/2"	8	12	4	11			35			3.35	781489SA0
	SP	102	4"	8	13	4	12			35			3.5	7814102SA0
	SP	115	4 1/2"	8	13	4	13			35			4.3	7814115SA0
	SP	127	5"	12	12	8	12			35			5.1	7814127SA0

SHANK ADAPTER



Index

Manufacture	Drifter	S.N	Drifter	Drifter	S.N
EVERDIGM	ED100 / DNT3	NE01		YH65RP / 70RP / 80RP	NI05
Jun Jin	JET 7	NJ01	IR	YH95 / YH100	NI06
	JET 8	NJ02		YH95RP / YH100RP	NI07
	JET 9	NJ03		YH110V / YH135V	NI08
SOOSAN	SP 3	NS01		YD90M / 100M	NI09
	SP 3G	NS02		URD475 / 550V / 120 / VL140 / EVL130	NI10
	SP 6	NS03			
ATLAS	BBC51 / 52 / 54 / 120	NA01	JOY	VCR361	NO01
	BBE56U2 / BBE57	NA02		VCR260 / 360	NO02
	COP125 / 130 / 131	NA03	KOMATSU	KDH100(4Spline)	NK01
	COP1032HD	NA04		KDH100(8Spline)	NK02
	COP1032HD	NA05	KLEMM	4026 / 4053	NK03
	COP1036HB / 1038HB / 1238LE / 1238ME	NA06	KRUPP	HB103	NK04
	COP1038H / 1238ME	NA06		HB30A / 40A	NK05
	COP1038HL / 1238ME	NA07		HB30A / 40A	NK06
	COP1338MEX	NA08	MONTABERT	HC40	NM01
	COP1440 / 1838	NA09		HC80	NM02
	COP1550 / 1838ME	NA10		HC120	NM03
	COP1550, 1838HO / ME / HE	NA11		HC80RP	NM04
	COP1840EX, 1850	NA12		HC120R	NM05
	Atlas Copco 4050	NA13		HC120 / HC150	NM06
	COP4050EX	NA14		HC80R / HC120R / HC150R	NM07
				HC80R / HC120R / HC150R	NM08
				HC200R	NM09
BOART	HD125 / 150 / HE125 / 150	NB01	MITSUI	RPH400 / 600, DCH400 / 600	NU01
	HD155	NB02		RPH200 / HYDRASTAR200 / 300	NU02
BÖHLER	HS432S	NB03	MITSUBISHI	MCD6G	NU03
	HS448	NB04	SIG	HBM100	NU04
	HS464	NB05		HBM150	NU05
FURUKAWA	HD75	NF01	SECOMA	HYDRASTAR200	NU06
	HD90	NF02	TAMROCK	HL300	NT01
	HD180	NF03		HL500 / 500S	NT02
	HD200	NF04		HL500-38 / 510-38	NT03
	HD300	NF05		HL500-45 / 510-45	NT04
	HD500	NF06		HL500S-38 / 510B / 510LH	NT05
	HD609	NF07		HL550SUPER	NT06
	HD609RP	NF08		HL550S / 560S	NT07
	HD612	NF09		HL550SUPER M92 / 560SUPER / 510T	NT08
	HD612RP	NF10		HL600-45	NT09
	HD612QED	NF11		HL600-52	NT10
	HD615	NF12		HL600-S45	NT11
	HD615QED	NF13		HL645 / 645S	NT12
	HD709	NF14		HL700 / 800	NT13
	HD709RP	NF15		HL700-45	NT14
	HD712	NF16		HL700-52	NT15
	HD712RP	NF17		HL850	NT16
	HD715	NF18		HL850S	NT17
	HD715RP	NF19		HL1000 / 1000S	NT18
	PD200 / M120	NF20		HL1000-52	NT19
GARDNER DENVER	PR66	NG01		HL1500	NT20
	HPR1H	NG02		HL1500-60	NT21
	HPR2H	NG03		HLX5	NT22
	PR133	NG04			
IR	YH50 / 55	NI01	TOYO	TH500 / 501 / 501S / 550	NY01
	YH50RP / 55RP	NI02		TH800 / 900	NY02
	LM500 / YH65 / 70S / 80	NI03		TH900(L)	NY03
	YH80A	NI04			



SHANK ADAPTER

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
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EVERDIGM / DNS

NE01		ED100	T38	15	620	8.0	76E01F620
		DNT3	T45	15	620	8.0	76E01G620
		HD500					

JUN JIN

NJ01		JET-7/HD609	T38	SF	690	6.4	76J01F690
			T45	SF	690	7.1	76J01G690
NJ02		JET-8/HD709	T38	SF	620	6.5	76J02F620
			T45	SF	620	6.7	76J02G620
NJ03		JET-9/HD712	T45	SF	592	8.4	76J03G592
			T51	SF	592	9.1	76J03H592

S00 SAN

NS01		SP3/HD500	T38	16	635	8.0	76S01F635
NS02		SP3G/HD609	T38	SF	690	6.4	76S02F690
NS03		SP6/HD612	T38	SF	710	9.0	76S03F710

ATLAS

NA01		ATLAS BBC51/52/54/120	R32	12	380	2.7	76A01C380
		MONTABERT H40/50/60/70	R38	12	390	3.1	76A01D390
			T38	12	390	3.1	76A01F390
NA02		ATLAS BBE56U2/BBE57	T38	12.5	530	5.5	76A02F530
		IR(YAMAMOTO)YH60/60A	R38	12.5	447	4.8	76A02D447
		MONTABERT H100	T45	12.5	550	5.8	76A02G550
NA03		ATLAS COP125/130/131	R32	12.5	380	2.7	76A03C380
			T38	12.5	380	3.0	76A03F380
NA04		ATLAS COP1032	R32	SF	550	5.0	76A04C550
			T38	SF	550	5.4	76A04F550

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
NA05		ATLAS COP1032HL	R32	SF	510	5.0	76A05C510
			R38	SF	510	4.9	76A05D510
			T38	SF	510	4.9	76A05F510
NA06		ATLAS COP1036/1038/1238	R32	SF	500	4.1	76A06C500
			R38	SF	500	4.3	76A06D500
			T38	SF	500	4.3	76A06F500
			T38	SF	590	5.0	76A06F590
			T45	SF	500	5.1	76A06G500
			T45	SF	590	6.3	76A06G590
NA07		ATLAS COP1036/1038/1238	R38	SF	485	4.3	76A06D485
			T38	SF	485	4.3	76A06F485
NA08		ATLAS COP1338MEX	T45	-	780	10.5	76A08G780
NA09		ATLAS COP1440/1838	T38	SF	435	4.4	76A09F435
			R38	SF	435	4.4	76A09D435
			R32	SF	525	5.3	76A09C525
NA10		ATLAS COP1550/1838ME	T38	SF	525	5.8	76A10F525
			T45	SF	525	5.8	76A10G525
			T51	SF	525	6.2	76A10H525
NA11		ATLAS COP 1550,1838 HO/ME/HE	R32	-	525	5.7	76A11C525
			R38	-	525	6.1	76A11D525
			T38	-	525	6.1	76A11F525
			T45	-	525	6.2	76A11G525
			T51	-	525	6.8	76A11H525
NA12		ATLAS COP1840EX, 1850	T45	-	565	6.9	76A12G565
			T51	-	565	7.1	76A12H565
NA13		ATLAS4050	T51	-	605	10.5	76A13H605
NA14		ATLAS COP4050EX	T51	-	790	14.8	76A14H790



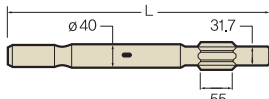
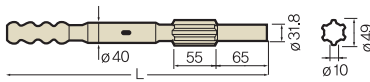
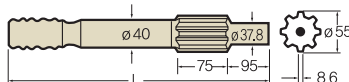
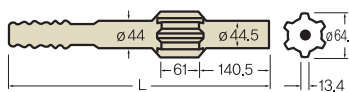
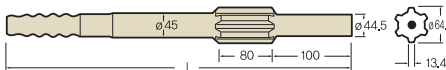
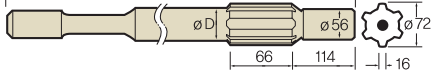
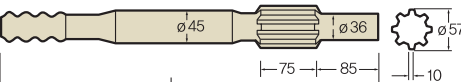
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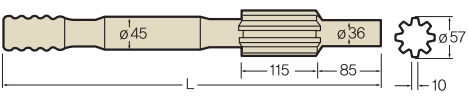
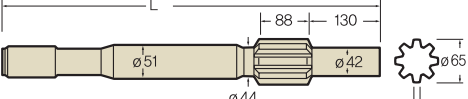
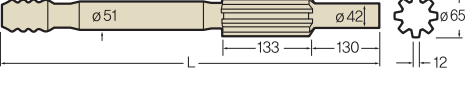
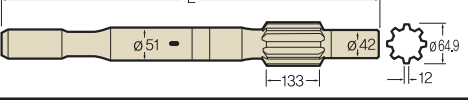
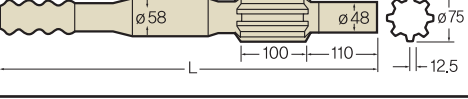
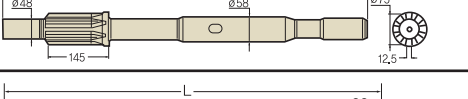
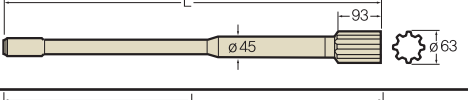
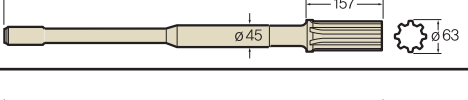
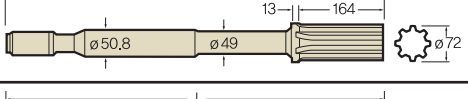
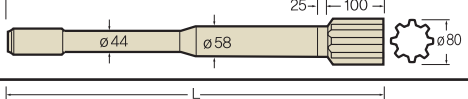
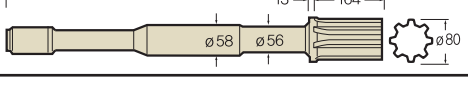
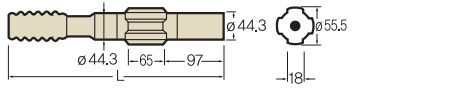
S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
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BOAT LONG YEAR / BÖHLER

NB01		BÖART HD125/150/ HE125/150	R32	-	428	4.0	76B01C428
NB02		BÖART HD155	R32	-	580	8.6	76B02C580
NB03		BÖHLER HS432S	R38	-	440	3.2	76B03D440
		T38	-	-	440	3.2	76B03F440
		R32	-	-	475	3.3	76B03C475
NB04		BÖHLER HS448	R32	-	500	4.1	76B04C500
		R38	-	-	500	4.3	76B04D500
		T38	-	-	500	4.3	76B04F500
NB05		BÖHLER HS464	T38	-	625	11.6	76B05F625
		T45	-	-	625	11.3	76B05G625

FURUKAWA

NF01		FURUKAWA HD75	R32 R38	- -	425 425	3.3 3.5	76F01C425 76F01D425
NF02		FURUKAWA HD90	R32 R38	- -	515 515	4.0 4.3	76F02C515 76F02D515
NF03		FURUKAWA HD180	T38	12.5	565	5.0	76F03F565
NF04		FURUKAWA HD200	R38 T38	13 13	550 550	5.8 5.8	76F04D550 76F04F550
NF05		FURUKAWA HD300	T38 T45	16 16	655 655	6.1 6.5	76F05F655 76F05G655
NF06		FURUKAWA HD500 MITSUI DCH400/600 SOOSAN SP3	R38 T38 T45 T51 T45	13 13 13 15 13	635 635 635 635 640	8.0 8.0 8.3 8.8 8.3	76F06D635 76F06F635 76F06G635 76F06H635 76F06G640
NF07		FURUKAWA HD609 JUNJIN JET9 SOOSAN SP3G	T38 T45 T38 T45	SF SF SF SF	620 620 690 690	5.7 5.7 6.4 7.1	76F07F620 76F07G620 76F07F690 76F07G690

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
NF08		FURUKAWA HD609RP	T38	SF	795	6.5	76F08F795
			T45	SF	795	6.5	76F08G795
			T45	SF	865	7.1	76F08G865
NF09		FURUKAWA HD612 SOOSAN SP6	T38	SF	710	9.0	76F09F710
			T45	SF	700	9.1	76F09G700
			T45	SF	720	9.2	76F09G720
NF10		FURUKAWA HD612RP	T38	SF	845	10.6	76F10F845
			T45	SF	845	11.0	76F10G845
			T51	SF	845	11.4	76F10H845
			T45	SF	925	12.0	76F10G925
NF11		FURUKAWA HD612QED	T45	-	845	10.8	76F11G845
			T51	-	845	10.6	76F11H845
NF12		FURUKAWA HD615	T45	SF	700	11.7	76F12G700
			T51	SF	700	11.7	76F12H700
			T51	SF	876	14.0	76F12H876
NF13		FURUKAWA HD615QED	T51	-	880	15.4	76F13H880
NF14		FURUKAWA HD709 JUNJIN J-8	T38	SF	620	6.5	76F14F620
			T45	SF	620	6.8	76F14G620
NF15		FURUKAWA HD709RP	T38	SF	814	9.1	76F15F814
NF16		FURUKAWA HD712 JUNJIN JET9	T45	SF	592	8.4	76F16G592
			T51	SF	592	9.1	76F16H592
			T45	SF	790	9.9	76F16G790
			T51	SF	790	10.8	76F17H790
NF17		FURUKAWA HD712RP	T45	SF	787	11.9	76F17G787
			T45	SF	885	12.7	76F17G885
			T51	SF	885	13.4	76F17H885
NF18		FURUKAWA HD715	T51	SF	790	12.7	76F18H790
NF19		FURUKAWA HD715RP	T51	SF	885	16.2	76F19H885
NF20		FURUKAWA PD200/M120	R32	11	355	4.0	76F20C355
		MITUSI TR300/350A/400	R38	11	355	4.0	76F20D355
		TOYO TYPR120/220	T38	11	380	4.3	76F20F380
		TAMROCK L600/750	T38	11	446	5.0	76F20F446
		YAMAMOTO YD130M/135/145	T45	11	446	5.0	76F20G446
		TEISAKU TR300 G.D.PR123VS I.R URD475/550V/120/VL140/EVL130					



SHANK ADAPTER

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
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GARDENER DENVER

NG01		G.D PR66	T38	16	711	6.2	76G01F711
			T45	16	711	6.5	76G01G711
NG02		G.D HPR1H	R38	-	725	7.9	76G02D725
			T38	-	725	7.9	76G02F725
			T45	-	725	8.2	76G02G725
NG03		G.D HPR2H	T45	-	915	13.5	76G03G915
			T51	-	915	13.8	76G03H915
NG04		G.D PR133 FURUKAWA M120 I.R VL140	T38	16	446	4.5	76G04F446
			T45	16	446	4.8	76G04G446

INGASOLL-LAND

NI01		I.R YH50/55	R38	16	440	3.7	76I01D440
			T38	16	440	3.7	76I01F440
			T38	16	450	3.8	76I01F450
			R38	SF	517	5.1	76I01D517
NI02		I.R YH50RP/55RP	T38	16	540	4.3	76I02F540
NI03		I.R LM500/YH65/70S/80	T38	12.5	705	7.8	76I03F705
			T38	12.5	480	5.0	76I03F480
			T38	12.5	495	5.1	76I03F495
			T38	12.5	580	6.0	76I03F580
			T45	15	580	6.0	76I03G580
			T45	19	705	7.8	76I03G705
			T45	19	480	5.0	76I03G480
			T45	19	500	5.4	76I03G500
			T45	19	600	6.8	76I03G600
NI04		YH80A	T38	15	500	5.5	76I04F500
			T45	15.5	500	5.7	76I04G500
			T51	15.5	500	6.4	76I04H500
NI05		I.R YH65RP/70RP/80RP	T38	19	700	7.6	76I05F700
			T45	19	700	7.9	76I05G700

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
NI06		I.R YH95/YH100	T45 T51	23 23	625 625	7.4 8.3	76I06G625 76I06H625
NI07		I.R YH96RP/YH100RP	T45 T45 T51	23 23 23	720 840 840	8.6 10.5 10.9	76I07G720 76I07G840 76I07H840
NI08		I.R YH110V/YH135V	T45 T51	- -	728 728	11.4 11.7	76I08G728 76I08H728
NI09		I.R YD90M/100M TEISAKU TRH200	R32 T38	11 11	330 330	2.4 2.6	76I09C330 76I09F330
			R32 R38	SF SF	480 480	3.4 3.7	76I09C480 76I09D480
NI10		URD475/550V/120/VL140 /EVL130	R38 T38	11 11	380 380	4.3 4.3	76I10D380 76I10F380

JOY/KOMATSU/KLEMM/KRUPP

N001		JOY VCR361	T38	19	440	5.0	76O01F440
N002		JOY 260/360 TAMROCK HL844	R38 T38 T45	16 16 16	450 450 450	4.4 4.2 4.4	76O02D450 76O02F450 76O02G450
NK01		KOMATSU KDH100(4Spline)	T38	14	455	3.5	76K01F455
NK02		KOMATSU KDH100(8Spline)	T38 T45	14 14	460 530	3.6 4.1	76K02F460 76K02G530
NK03		KLEMM 4026/4053	R55LI A55RE	- -	500 500	10.5 10.5	76K03L500 76K03R500
NK04		KRUPP HB103	R55LI A55RE	- -	500 500	9.4 9.4	76K04L500 76K04R500
NK05		KRUPP HB30A/40A	R55LI A55RE	- -	580 580	12.0 12.0	76K05L580 76K05R580
NK06		KRUPP HB30A/40A	C64LI	-	580	13.3	76K06L580



SHANK ADAPTER

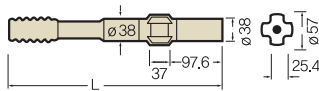
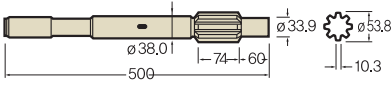
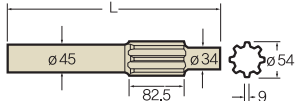
S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
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MONTABERT

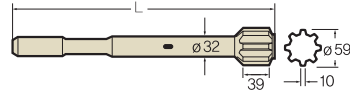
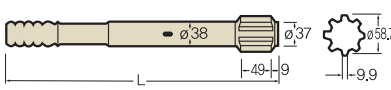
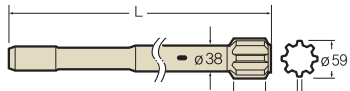
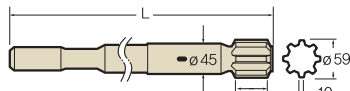
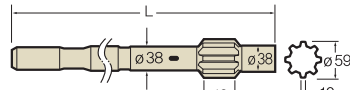
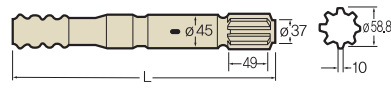
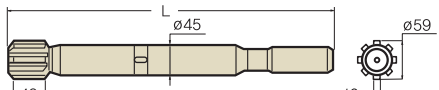
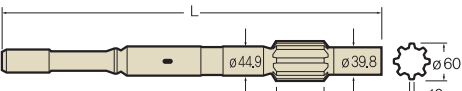
NM01		MONTABERT HC40	R32	SF	366	3.5	76M01C366
			R38	SF	372	3.5	76M01D372
			T38	SF	447	3.6	76M01F447
NM02		MONTABERT HC80	R32	SF	500	4.1	76M02C500
			R38	SF	440	4.4	76M02D440
			T38	SF	500	4.1	76M02F500
NM03		MONTABERT HC120	T38	SF	490	5.4	76M03F490
			T45	SF	490	5.6	76M03G490
NM04		MONTABERT HC80RP	T45	-	670	7.5	76M04G670
NM05		MONTABERT HC120R	T45	-	670	9.7	76M05G670
NM06		MONTABERT HC120/HC150	T38	-	490	5.3	76M06F490
			T45	-	490	5.6	76M06G490
NM07		MONTABERT HC80R/HC120R /HC150R	T45	-	670	7.3	76M07G670
			T45	-	771	8.0	76M07G771
NM08		MONTABERT HC80R/HC120R /HC150R	T45	-	670	9.0	76M08G670
			T51	-	670	9.2	76M08H670
			T45	-	771	10.0	76M08G771
NM09		MONTABERT HC200R	T51	-	771	10.2	76M08H771
			T51	-	771	10.2	76M08H771

mitsui/mitsubishi/sig/secoma

NU01		MITSUI RPH400/600 DCH400/600	T38	14	450	8.0	76U01F450
			T38	14	520	9.2	76U01F520
			T45	14	470	5.7	76U01G470
			T38	14	610	11.0	76U01F610
NU02		MITSUI RPH200 HYDRASTAR 200/300	R38	SF	467	4.1	76U02D467
NU03		MITSUBISHI MCD6G	T38	SF	470	5.4	76U03F470

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
NU04		SIG HBM100	R32	12.7	380	2.7	76U04C380
		TAMROCK HLR438L/438T, L550S(SF)	R38	12.7	380	3.2	76U04D380
NU05		SIG HBM150	R32	SF	500	3.9	76U05C500
			T38	SF	500	4.2	76U05F500
NU06		SECOMA HYDRASTAR200	R32	-	351	3.6	76U06C351

TAMROCK

NT01		TAMROCK HL300	R32	-	400	2.6	76T01C400
NT02		TAMROCK HL500/500S	R38	SF	460	3.9	76T02D460
			T38	SF	480	4.1	76T02F480
			R32	SF	550	4.1	76T02C550
			T38	SF	550	4.6	76T02F550
			T45	SF	550	4.5	76T02G550
NT03		TAMROCK HL500-38/510-38	R32	-	550	4.3	76T03C550
			R38	-	550	4.5	76T03D550
			T38	-	550	4.6	76T03F550
NT04		TAMROCK HL500-45/510-45	R38	-	550	5.4	76T04D550
			T38	-	550	5.4	76T04F550
			T45	-	550	5.6	76T04G550
			T38	-	600	6.0	76T04F600
NT05		TAMROCK HL500S-38	R32	-	450	3.8	76T05C450
		510B / 510LH	R38	-	450	4.0	76T05D450
			T38	-	450	4.0	76T05F450
NT06		TAMROCK HL550 SUPER	R38	-	505	4.3	76T06D505
			T38	-	505	4.3	76T06F505
NT07		TAMROCK HL550S/560S	R38	SF	500	5.4	76T07D500
			T38	SF	500	5.4	76T07F500
			T45	SF	500	5.4	76T07G500
NT08		TAMROCK HL550 SUPER M92	R32	-	500	5.0	76T08C500
		560 SUPER/510T	R38	-	500	5.3	76T08D500
			T38	-	500	5.3	76T08F500
NT09		TAMROCK HL600-45	R38	-	600	6.1	76T09D600
			T38	-	600	6.1	76T09F600
			T45	-	600	6.3	76T09G600



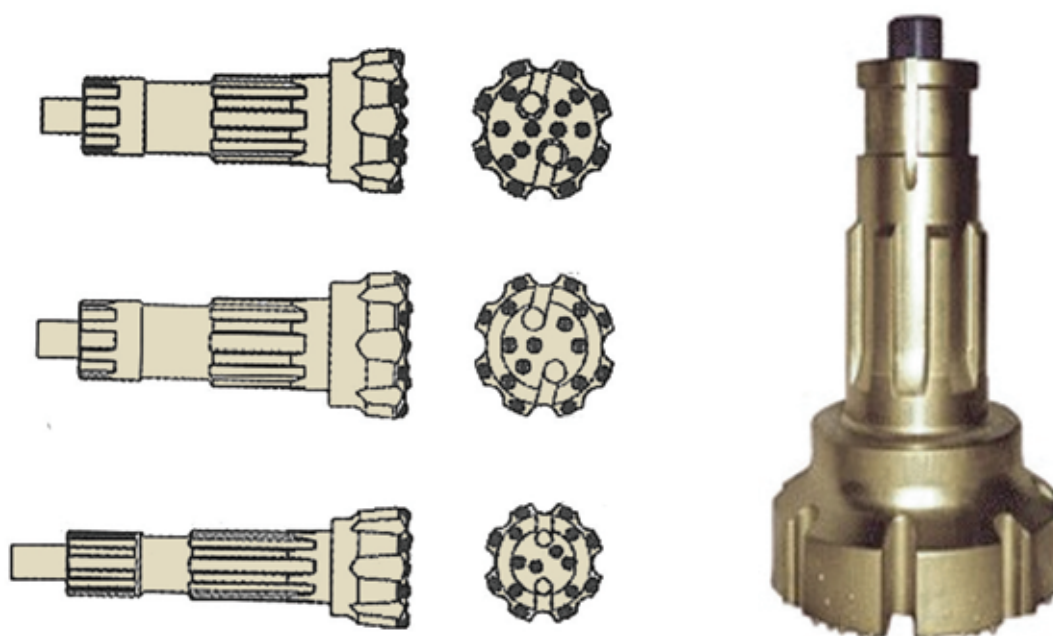
SHANK ADAPTER

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
NT10		TAMROCK HL600-52	T45	-	650	8.2	76T10G650
			T51	-	650	8.3	76T10H650
			T51	-	710	8.9	76T10H710
NT11		TAMROCK HL600S-45	T38	-	525	5.7	76T11F525
			T45	-	650	8.3	76T11G650
NT12		TAMROCK HL645/645S	R32	SF	600	6.3	76T12C600
			R32	SF	525	5.5	76T12C525
			T38	SF	600	6.6	76T12F600
			T38	SF	525	5.8	76T12F525
			T45	SF	600	6.9	76T12G600
NT13		TAMROCK HL700/800	T45	SF	600	7.25	76T13G600
			T51	SF	600	7.25	76T13H600
NT14		TAMROCK HL700-45	T38	-	600	7.1	76T14F600
			T45	-	600	7.3	76T14G600
NT15		TAMROCK HL700-52	T45	-	600	8.4	76T15G600
			T51	-	600	8.4	76T15H600
NT16		TAMROCK HL850	T45	19	500	6.3	76T16G500
			T51	19	500	7.4	76T16H500
NT17		TAMROCK HL850S	T45	SF	670	9.2	76T17G670
			T51	SF	670	9.85	76T17H670
NT18		TAMROCK HL1000/1000S	T45	SF	670	10.3	76T18G670
			T51	SF	590	9.4	76T18H590
NT19		TAMROCK HL1000-52	T51	-	590	9.7	76T19H590
			T45	-	670	10.0	76T19G670
			T51	-	670	10.3	76T19H670
NT20		TAMROCK HL1500	WD58	SF	635	22.1	76T20I635
			WD68	SF	635	27.5	76T20K635
NT21		TAMROCK HL1500-60	ST58	-	710	13.7	76T21I710
			T60	-	710	13.7	76T21J710
NT22		TAMROCK HLX5	T38	SF	500	5.8	76T22F500
			R38	SF	500	5.8	76T22D500
			T38	SF	575	6.7	76T22F575
			T45	SF	575	6.7	76T22G575

S.N	Rough Drawing	Drifter	Thread	Flushing Tube Dia	Length	Approx Weight	Part No.
TOYO							
NY01		TOYO TH500/501/501S/550	T38 T38 T38 T45	12 12 12 12	490 570 550 570	5.0 5.9 5.8 6.1	76Y01F490 76Y01F570 76Y01F550 76Y01G570
NY02		TOYO TH800/900 TOYO TH800R/RP	R38 T45 T38 T38	SF SF SF SF	498 498 750 765	3.9 3.9	76Y02D498 76Y02G498 76Y02F750 76Y02F765
NY03		TOYO TH900(L)	T45	SF	512	6.4	76Y03G512



DOWN THE HOLE BIT



Recommended Hole Dia	Model
3 5/8" [90] - 4" [102]	IR 3.5, COP34, MACH33
4 1/8" [105] - 5" [127]	QL40, MACH44, SD-4, DHD340, COP44
5 1/8" [127] - 5 3/4" [146] 5 1/8" [130] - 6" [152]	SD5, DHD350, COP54, MACH50, QL50
6" [152] - 7 1/2" [190] 6" [152] - 8 1/2" [216]	DHD360, MACH60, SD-6, COP64, QL60, Mission 6
7 1/2" [190] - 10" [253] 7 3/4" [195] - 10 5/8" [253]	SD8, MACH 80/88, DHD380, COP84
7 7/8" [195] - 12" [305]	QL80



Moil Point

general use with demolition work
breaking up slag in steel mills
demolishing foundation



Chisel(V/H)

general use with additional cutting
action and pits in rocky subsoil
separating rock slabs



Blunt

Crushing large rock pieces ground
compression crushing slag

Manufacture	Model
Soosan	SB
Komac	KB
Msb	MS
Atras copco	MB,HB,TEX, SB
Furukawa	F, HB
Indeco	MES, HP
Montabert	BRP, BRH, BRV, M
Krupp	HM
N.P.K	E, H, GH
Okada	OKB
Rammer	S, E, G
Stanley	MB



The specification of each
manufacturing co' is available
upon customer's request

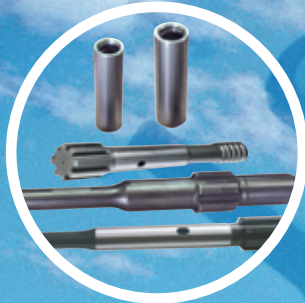




PRECISION PARTS



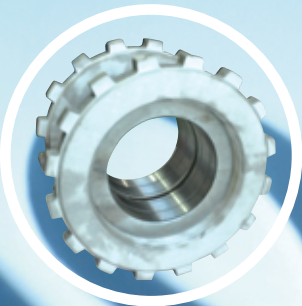
Bits



Coupling & Shank



Breaker Parts



Hardox 600 Parts



Rock Tool & Braker Parts



Breaker Piston

FACILITIES



Vertical Machining Center
(1200×650×550)



Radial Drilling M/C(1500mm)



Milling M/C(#5)



Horizontal Machining Center
(600×600)



Heating Furnace for Bit



Milling M/C(#2)



Hyd' Press for Bit



Air Gauge



Vertical Machining Center
(900×550×450)



CNC Lathe Line



CNC Lathe 15"



CNC Lathe 12"