

TOP HAMMER

ROCK DRILLING TOOLS

PRODUCT CATALOGUE





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GLOBAL CLIENTELE



INTRODUCTION

ABOUT ROCKTEC

Rocktec is committed to continually develop, manufacture and distribute the best quality most economical rock drilling tools for mining, construction, water well and oil & gas segments, and provide the best possible value for its main stakeholders-customers, shareholders and employees. These tools are designed to transmit optimum impact energy into the rock with the least possible loss of energy, and are made to handle the toughest jobs around the globe. We plan to achieve market leadership through set of principles that guide decisions and behaviour throughout the company.

Each project needs to achieve the best possible operating costs and outcome for business. Complex rock formations and difficult terrain can be a real challenge for any driller. With a range of solutions and high quality durable top hammer drilling tool, Rocktec partners with you to succeed in reaching optimal project outcomes.

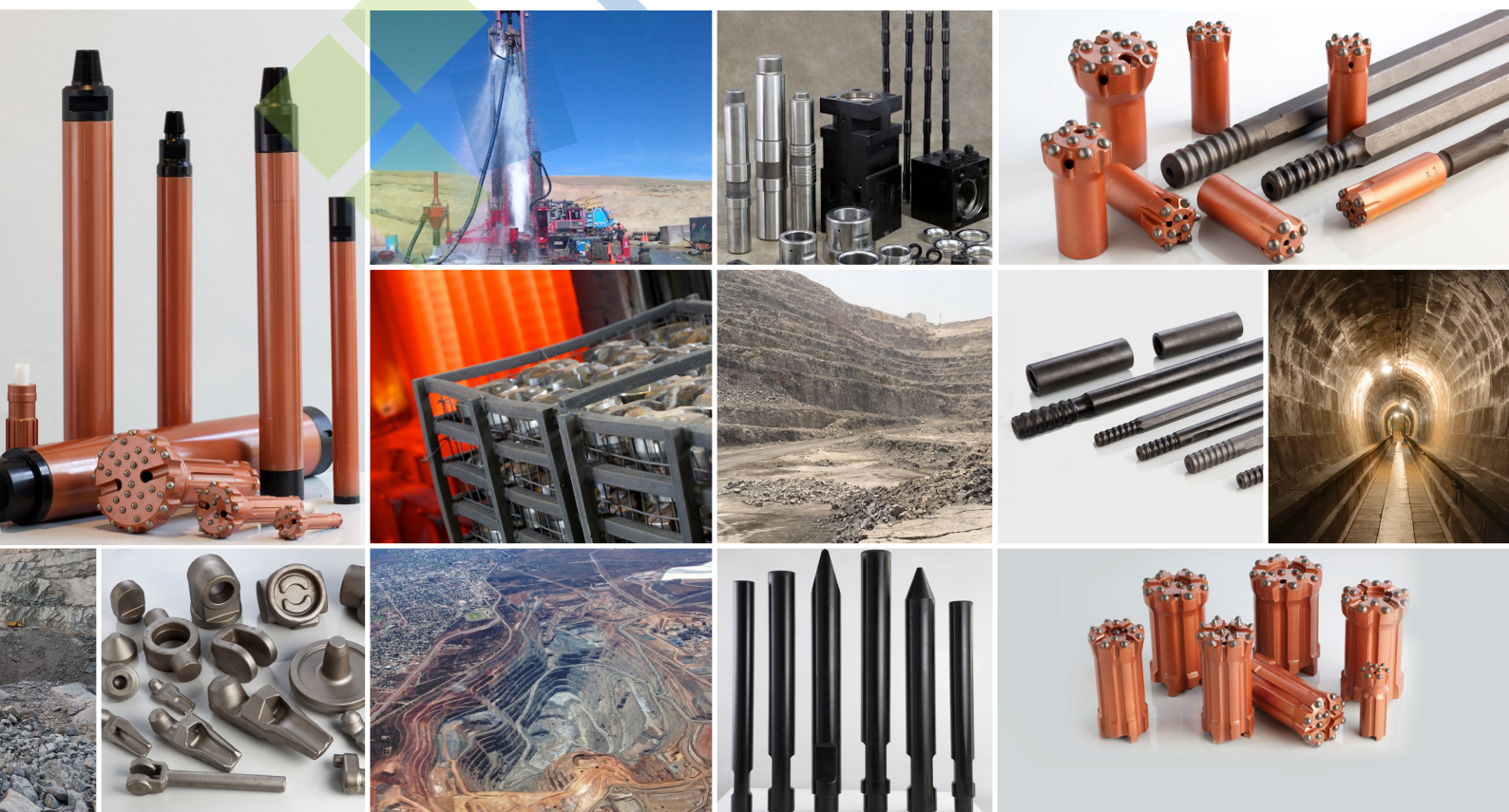
Top hammer rock drilling tools have been specially designed for hard to very hard and abrasive rock formations covering all construction, quarrying, mining drilling and blast applications. Tunneling is one of the most important customer segments and applications such as drifting and roof bolt hole drilling are well catered. Our bits have shown increase in penetration rate and also a substantially longer service life upto 20%

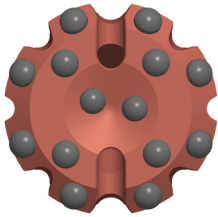
STANDARDS

Rocktec has established and applied Quality management system ISO 9001:2015, Environment management system ISO 14001:2015, Occupational health and Safety management system ISO 18001:2007 for design, manufacturing and supplying of DTH hammers and button bits. Our Integrated management system are inspected by DNV.GL from Norway.

CORE VALUES

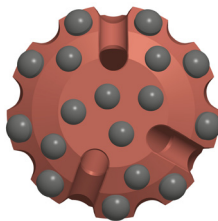
• Safety • Customer Success • Team Play • Environmental Protection • Information Security





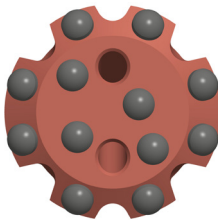
Concave

This type of face design will be used in medium hard and fissured rock formations and it controls hole deviation.



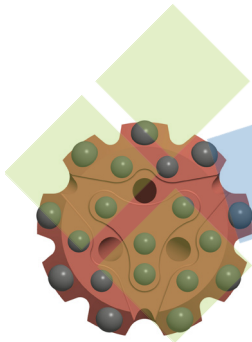
Convex

This type of face design will be used in medium hard and fissured rock formations and it gives faster penetration rates.



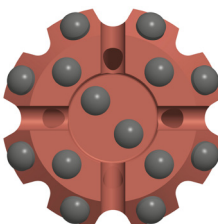
Flat

This type of face design is very aggressive in drilling application and is suited best for very hard rock formations and it gives good penetration rates.



Flat Face with Face Millings

This type of face design is best suited for very hard and medium type rock formations. The flat face bit drills straight holes while maintaining good penetration rates.

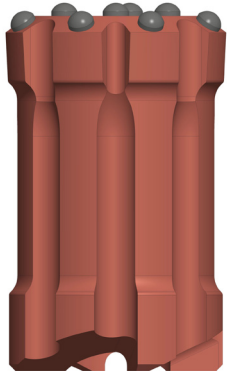


Drop Centre

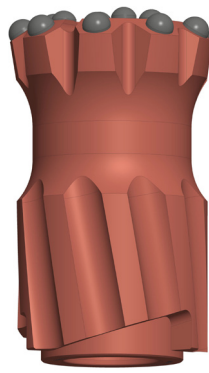
This type of face design is best suited for less hard and medium type rock formations. The drop centre bit drills straight holes while maintaining good penetration rates.

RETRAC MODELS

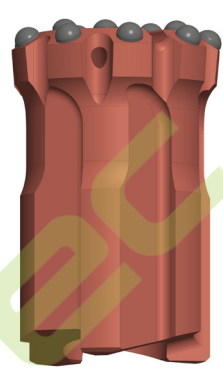
Retrac Bits are suitable for powerful percussive drilling and the products are widely used in Drifting, Tunneling, UG production drilling, and bench drilling applications. Our products have been recognized as high-quality and cost-effective rock drilling tools globally.



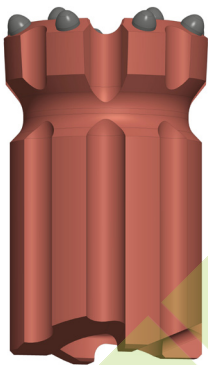
STANDARD RETRAC



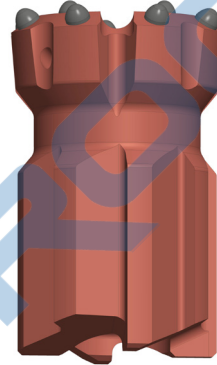
HELICAL RETRAC



FLATBODY RETRAC



STANDARD RETRAC WITH
NECK RELIEF



FLAT BODY RETRAC WITH
NECK RELIEF

Button Shapes





Spherical

This button is the most common shape used in threaded button bits. This shape is the strongest and most resistant to breakage. Spherical shape provides excellent penetration in medium rock, hard rock broken formations and in all types of drilling conditions.



Ballistic

Normally this button is used in soft drilling formations. This type of button tip protrudes out more so it is very aggressive and yields high penetration rates. Ballistic is prone to breakage if used in wrong formations.



Parabolic

Normally this button is used in medium soft to medium hard rock drilling formations. This type of button gives higher penetration than spherical and breakage resistant than ballistic.



Spike

Normally this button is used in soft and medium hard rock drilling formations.

Threaded Bits

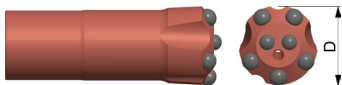


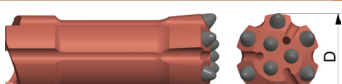
THREADED BITS

R22 (7/8") Thread Bits

	Button Bit - Regular		BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
			MM	Inch	Gauge	Face		Face	Side	
			38	1 1/2"	4x9	2x8		2	0	
			38	1 1/2"	5x9	2x7		1	1	
			41	1 5/8"	5x9	2x8		1	1	
			48	1 7/8"	5x11	2x8		1	2	

R25 (1") Thread Bits

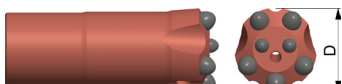
	Button Bit - Regular		BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
			MM	Inch	Gauge	Face		Face	Side	
			33	1 5/16"	5x7	2x7		1	1	
			35	1 3/8"	5x9	2x7		1	1	
			35	1 3/8"	5x8	2x7		1	1	
			38	1 1/2"	5x9	2x7		1	1	
			38	1 1/2"	5x9	2x7		1	1	
			41	1 5/8"	5x9	2x8		1	1	
			45	1 3/4"	5x11	2x8		1	2	
			45	1 3/4"	6x10	3x8		3	1	
			48	1 7/8"	6x10	3x8		3	1	
			51	2"	6x10	3x9		3	1	

	Button Bit - Retrac		BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
			MM	Inch	Gauge	Face		Face	Side	
			51	2"	6x10	3x9		3	0	
			51	2"	6x10	3x9		3	0	

R28 (1 1/8") Thread Bits

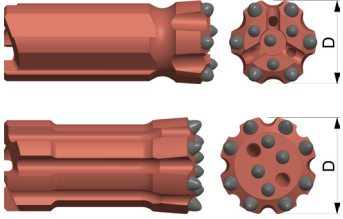
	Button Bit - Regular		BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
			MM	Inch	Gauge	Face		Face	Side	
			38	1 1/2"	5x9	2x7		1	1	
			41	1 5/8"	5x9	2x8		1	1	
			48	1 7/8"	6x10	3x8		3	1	
			48	1 7/8"	6x9	3x9		3	1	
			51	2"	6x10	3x9		3	1	

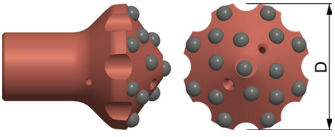
R32 (1 1/4") Thread Bits

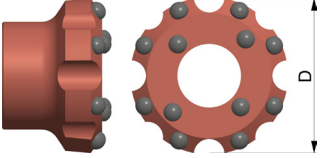
	Button Bit - Regular		BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
			MM	Inch	Gauge	Face		Face	Side	
			41	1 5/8"	5x9	2x8		1	2	
			43	1 11/16"	6x9	3x8		3	1	
			43	1 11/16"	5x10	2x8		1	2	
			45	1 3/4"	6x10	3x8		3	1	
			45	1 3/4"	5x11	2x8		1	2	
			48	1 7/8"	5x11	2x8		1	2	
			48	1 7/8"	6x10	3x8		3	1	
			51	2"	6x10	3x9		3	1	
			51	2"	5x12	2x10		1	2	
			57	2 1/4"	6x11	3x10		3	1	
			60	2 3/8"	6x11	3x10		3	1	
			60	2 3/8"	6x11	3x10		3	1	
			64	2 1/2"	8x10	4x9		2	0	
			64	2 1/2"	6x12	3x11		1	1	
			76	3"	8x11	4x11		2	0	
			76	3"	8x12	5x11		2	2	
			102	4"	8x12	6x12		2	1	
			106	4 1/6"	8x14	6x12		2	1	

THREADED BITS

R32 (1 1/4") Thread Bits

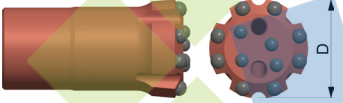
Button Bit - Retrac		BIT diameter MM Inch		Buttons Qty x Size, mm Gauge Face		Angle	Flushing Hole Face Side		Product No
		45	1 3/4"	6x9	3x8	35°	3	0	56-4627045YP
		51	2"	6x10	3x9	30°	3	0	56-4627051VS
		51	2"	6x10	3x9	35°	3	0	H6-4624051VP/G
		57	2 1/4"	6x11	3x9	30°	3	0	56-4627057SF/G
		60	2 3/8"	6x10	4x9	35°	3	0	M6-464E060VP
		64	2 1/2"	6x12	3x10	35°	1	1	M6-46230642S
		64	2 1/2"	6x11	4x9	35°	3	0	M6-464E064SP
		64	2 1/2"	6x12	4x10	30°	3	0	56-46270642S/G
		64	2 1/2"	8x10	4x9	30°	2	0	56-4841064VF

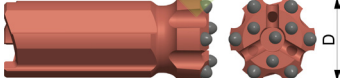
Dome Bits		DIA MM Inch		Thread	No. of Gauge Buttons Qty X Size	No. of Face Buttons Qty X Size	Flush Holes Face Side		Product No
		89	3 1/2"	R32	8X13	7X13	2	2	86-08948S
		102	4"	R32	8X13	9X13	2	2	86-1024JS

Reaming Bits 12° Taper		Diameter MM Inch		No. of Gauge Buttons Qty X Size	No. of Face Buttons Qty X Size	Angle	Product No
		89	3 1/2"	8X12	4X10	35°	76-089122S
		102	4"	8X12	4X12	35°	76-102124S

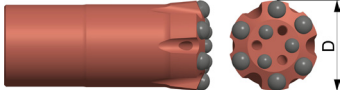
Pilot Adapter 12° Taper		Insert Width	Thread	Product No
		40	R32	78-040412

R38 (1 1/2") Thread Bits

Button Bit - Regular		BIT diameter MM Inch		Buttons Qty x Size, mm Gauge Face		Angle	Flushing Hole Face Side		Product No
		64	2 1/2"	8x10	4x9	30°	2	0	46-5841064VS
		64	2 1/2"	8X10	4x10	30°	2	2	46-5843064US
		70	2 3/4"	6x11	4x11	30°	3	0	46-564E0704P
		76	3"	8x11	4x11	35°	2	2	46-58430761S

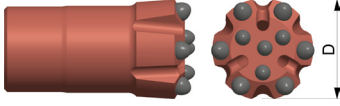
Button Bit - Retrac		BIT diameter MM Inch		Buttons Qty x Size, mm Gauge Face		Angle	Flushing Hole Face Side		Product No
		64	2 1/2"	6x12	3x10	35°	1	1	56-56230642S
		68	2 2/3"	6x12	4x10	35°	3	0	56-564E0682P
		115	4 1/2"	8x14	7x12	35°	4	0	56-587E1154P

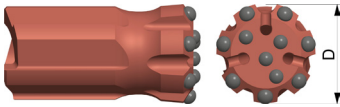
T35 (1 1/3") Thread Bits

Button Bit - Regular		BIT diameter MM Inch		Buttons Qty x Size, mm Gauge Face		Angle	Flushing Hole Face Side		Product No
		48	1 7/8"	6x10	3x8	25°	3	1	46-H624048WS
		54	2 1/8"	5x12	2x10	30°	2	1	46-H5230542P

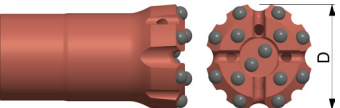
THREADED BITS

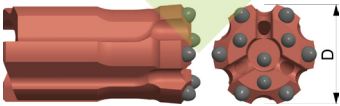
T38 (1 1/2") Thread Bits

Button Bit - Regular	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	64	2 1/2"	6x12	3x11	30°	3	0	46-A6270643S/M
	68	2 2/3"	8x10	4x10	30°	2	2	46-A843068US
	70	2 3/4"	7x12	4x10	35°	3	0	46-A7530702S/G
	76	3"	8x12	5x11	35°	2	2	46-A8510763S/G
	76	3"	7x12	4x11	35°	3	0	46-A7530763P/G
	89	3 1/2"	8x12	6x12	35°	2	2	46-A8630894B/G
	102	4"	8x14	5x14	35°	2	0	46-A8521028S
	127	5"	8x16	7x14	35°	2	0	46-A871127QS/G

Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	64	2 1/2"	6x11	4x10	35°	3	0	56-A629064RP/G
	76	3"	6x12	4x11	35°	3	0	56-A64E0763P
	76	3"	7x12	4x11	35°	3	0	M6-A7530763S/G
	76	3"	8x12	4x11	35°	2	1	M6-A8420763S
	89	3 1/2"	9x12	6x12	35°	3	0	M6-A9610894S/G
	95	3 3/4"	8x11	6x11	35°	4	1	M6-A86F0951P
	105	4 1/6"	8x12	6x11	35°	4	1	M6-A86F1053P

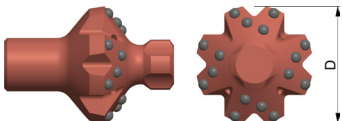
T45 (1 3/4") Thread Bits

Button Bit - Regular	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	70	2 3/4"	7x12	4x10	35°	3	0	46-B7530702S/G
	76	3"	7x11	5x10	35°	3	0	46-B754076RP
	76	3"	8x12	5x11	35°	2	2	46-B8510763D/G
	76	3"	8x12	5x11	35°	2	2	46-B85D0763S/M
	85	3 11/32"	8x12	6x11	35°	2	2	46-B8630853S/G
	89	3 1/2"	6x13	5x12	35°	3	0	46-B65D089KB
	89	3 1/2"	8x12	6x12	35°	2	2	46-B8630894B/G
	89	3 1/2"	9x12	6x11	35°	3	0	46-B9610893S/G
	102	4"	8x14	6x13	35°	4	0	46-B86E1027S
	102	4"	9x14	7x12	35°	3	0	46-B9711026S/G
	105	4 1/6"	8x14	6x13	35°	2	2	46-B8631057S/G
	115	4 1/2"	8x14	8x12	35°	2	0	46-B8811156S
	115	4 1/2"	9x14	9x12	35°	3	0	46-B9911156S/G

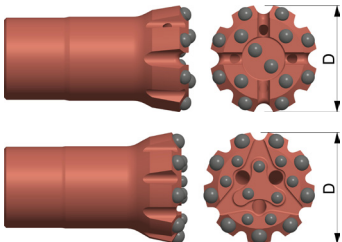
Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	76	3"	8x11	4x11	35°	2	0	56-B8410761S
	76	3"	8x12	5x11	35°	2	0	56-B85D0763S/M
	89	3 1/2"	8x14	6x12	35°	2	0	56-B8610896S
	89	3 1/2"	8x12	4x12,2x11	35°	4	0	56-B86G0893P
	95	3 3/4"	8x13	6x12	35°	4	1	56-B86F095KP
	102	4"	8x12	7x12	35°	2	0	56-B8711024S/G
	102	4"	8x14	4x13,2x12	35°	4	0	56-B86G1024S
	105	4 1/6"	8x12	6x11	35°	4	1	M6-B86F1053P
	107	4 1/6"	8x12	6x11	35°	4	1	M6-B86F1073P
	110	4 1/3"	8x12	7x12	35°	4	1	M6-B87E1104P
	115	4 1/2"	8x14	6x12	35°	4	0	56-B86E1156P
	127	5"	8x14	7x13	35°	4	0	M6-B87E1277P
	140	5 1/2"	8x14	7x14	35°	4	0	M6-B87E1408P
	140	5 1/2"	9x16	9x14	35°	3	0	56-B99F140QP
	146	5 3/4"	8x14	8x14	35°	4	0	M6-B88F1468P
	146	5 3/4"	9x14	9x14	35°	3	0	56-B99F1468P
	152	6"	9x16	6x14,4x13	35°	3	0	56-B90F152GP
	152	6"	8x14	8x14	35°	4	0	M6-B88E1528P

THREADED BITS

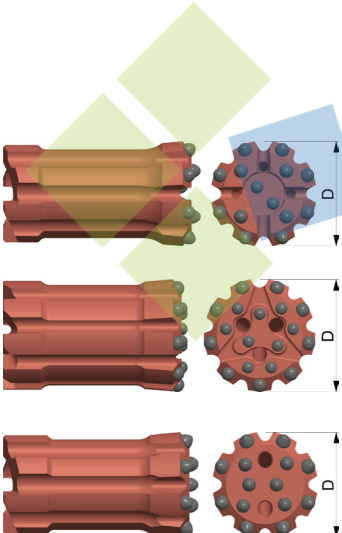
T45 Thread Bits

Dome Reaming Bit	BIT diameter		Pilot Dia MM	Buttons Qty x Size, mm		Flushing Holes	Product No
	MM	Inch		Gauge	Face		
	102	4"	57	8x12	4x12	4	77-B571024S
	127	5"	64	8x14	4x14	4	77-B641278S
	152	6"	64	8x14	8X14	4	77-B641528S

T51 (2") Thread Bits

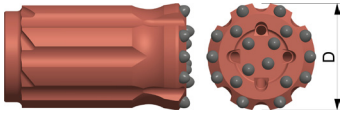
Button Bit - Regular	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	89	3 1/2"	6x13	5x12	35°	3	1	46-C65E089KS
	89	3 1/2"	8x12	6x12	35°	2	2	46-C8630894P/G
	89	3 1/2"	8x12	6x12	35°	4	2	46-C8610894S
	89	3 1/2"	9x11	6x12	35°	3	1	46-C962089RS/G
	102	4"	9x14	9x11	35°	3	0	46-C99F102HS/M
	102	4"	8x14	6x13	35°	2	2	46-C8631027P/G
	102	4"	6x19	4x14	35°	2	0	46-C625102PS
	102	4"	8x14	6x13	35°	4	0	46-C86E1027S
	102	4"	8x14	6x12	35°	4	0	46-C86E1026S/M
	115	4 1/2"	10x14	7x14	30°	3	0	46-C0711158S/G
	115	4 1/2"	8x14	7x13	35°	2	0	46-C8711157S/G
	115	4 1/2"	8x16	6x14	35°	4	0	46-C86E115QS
	115	4 1/2"	7x19	5x14	35°	2	0	46-C751115PS/G
	127	5"	8x16	6x14	35°	4	0	46-C86E127QS
	127	5"	8x16	7x14	35°	2	0	46-CK87127QS/G
	127	5"	8x16	6x16	35°	2	2	46-C863127DP/G
	140	5 1/2"	8x16	8x14	35°	2	0	46-C881140QS/G
	152	6"	8x16	4x16,4x14	35°	4	0	46-C86J152QS

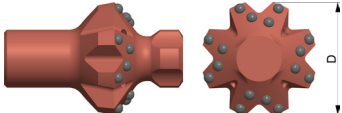
T51 (2") Thread Bits

Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	89	3 1/2"	6x11	6x10	35°	3	1	M6-C962089RB/G
	89	3 1/2"	6x13	5x12	35°	3	1	56-C65E089KS
	89	3 1/2"	8x13	6x12	35°	2	1	M6-C862089KS/G
	89	3 1/2"	8x14	6x12	35°	2	0	56-C8610896S
	89	3 1/2"	8x12	4x12,2x11	35°	4	0	56-C86G0893P
	89	3 1/2"	9x13	6x11	35°	3	1	M6-C9620895S/G
	92	3 5/8"	8x13	6x12	35°	2	0	56-C861092KP
	95	3 3/4"	9x13	6x12	35°	3	0	M6-C961095KS/G
	102	4"	8x14	4x13	35°	4	0	56-C86G102NS
	102	4"	8x14	6x13	35°	2	2	M6-C8631027B/G
	102	4"	8x12	7x11	35°	4	0	56-C87G1023P
	102	4"	9x13	6x13	35°	3	1	H6-C962102JP/G
	102	4"	9x13	9x11	35°	3	0	56-C9911025S/M
	105	4 1/6"	8x12	6x11	35°	4	1	M6-C86F1053P
	107	4 1/6"	8x12	6x11	35°	4	1	M6-C86F1073P
	115	4 1/2"	8x14	4x14,2x12	35°	4	0	56-C87G1156S
	115	4 1/2"	8x14	8x12	35°	2	0	56-C8811156S/G
	115	4 1/2"	8x16	6x14	35°	4	0	56-C86E115QS
	127	5"	8x16	6x16	35°	2	2	M6-C863127DP/G
	127	5"	8x14	7x14	35°	4	0	56-C87D1278P
	140	5 1/2"	8x14	7x14	35°	4	0	M6-C87E1408P
	146	5 3/4"	8x14	8x14	35°	4	0	M6-C88F1468P
	146	5 3/4"	9x16	9x14	35°	3	0	56-C99F146QP
	152	6"	8x14	8x14	35°	4	0	M6-C88E1528P

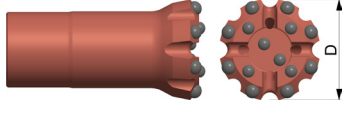
THREADED BITS

ST58 Thread Bits

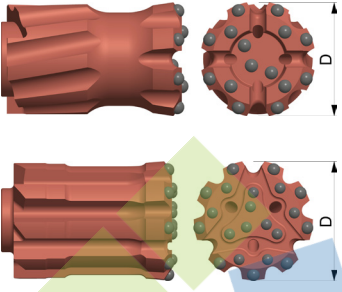
Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	89	3 1/2"	8x13	5x12	40°	4	0	56-F85D089KP/M
	89	3 1/2"	8x12	4x12,2x10	35°	4	0	56-F86G0892S
	102	4"	10X12	8X12	35°	4	0	56-F08D1024P
	115	4 1/2"	10X14	8X12	35°	4	0	56-F08D1156S
	127	5"	8X14	7X14	35°	4	0	56-F87E1278S

Dome Reaming Bit	BIT diameter		Pilot Dia MM	Buttons Qty x Size, mm		Flushing Holes	Product No
	MM	Inch		Gauge	Face		
	152	6"	76	8x14	8X14	6	77-F761528S
	204	8"	80	9x16	10X16	3	77-F80204DP

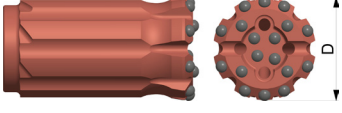
ST61 / GT60 Thread Bits

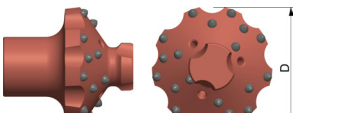
Button Bit - Regular	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	115	4 1/2"	8x16	6x14	35°	4	0	46-E86E115QS
	115	4 1/2"	9x14	10x12	35°	3	0	46-E9631156S/M
	140	5 1/2"	8x16	8x14	35°	2	0	46-E881140QS/G
	140	5 1/2"	10x16	6x16	35°	5	0	46-E06D140DS/M
	140	5 1/2"	12x16	10x14	35°	3	0	46-ES01140QS/G

ST61 / GT60 Thread Bits

Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	92	3 5/8"	6X13	3X12,2x11	35°	3	0	56-EK65092FB/G
	92	3 5/8"	8X13	4X12,2x11	35°	4	0	56-E86E092FF
	92	3 5/8"	9X12	8X11	35°	3	0	56-E98X0923B/G
	102	4"	9x13	6x13	35°	3	1	H6-E962102JS/G
	102	4"	8X13	4X13,2x11	35°	4	0	56-E86E1025F
	102	4"	9X14	9X11	35°	3	0	56-E991102HS/M
	115	4 1/2"	9X16	6X14	35°	3	0	56-E961115QS/G
	115	4 1/2"	9X14	10X12	40°	3	0	56-E9631156P/M
	127	5"	9X18	7X16	35°	3	0	H6-E971127CS/G
	127	5"	9X14	6x14,4x13	35°	3	0	56-E9631277P/M
	140	5 1/2"	9X16	10X14	35°	3	0	56-E90F140QS/M
	152	6"	12x16	10x16	35°	3	0	H6-ES011524S/G

ST68 Thread Bits

Button Bit - Retrac	BIT diameter		Buttons Qty x Size, mm		Angle	Flushing Hole		Product No
	MM	Inch	Gauge	Face		Face	Side	
	89	3 1/2"	8X13	5X12	40°	4	0	56-G85D089KP/M
	102	4"	10X12	8X12	35°	4	0	56-G08D1024P
	115	4 1/2"	10X14	8X12	35°	4	0	56-G08D1156S
	127	5"	8X14	7X14	35°	4	0	56-G87E1278S

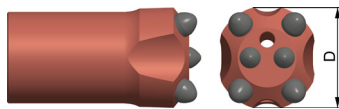
Dome Reaming Bit	BIT diameter		Pilot Dia MM	Buttons Qty x Size, mm		Flushing Hole	Product No
	MM	Inch		Gauge	Face		
	152	6"	76	8x14	8X14	6	77-G761528S
	204	8"	80	9x16	10X16	3	77-G80204DP

Taper Bits & Rods



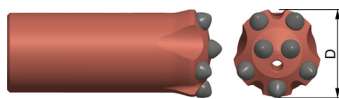
TAPER BITS

7° Taper Angle



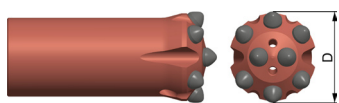
BIT diameter		Buttons Qty x Size, mm		Flushing Hole		Product No
MM	Inch	Gauge	Face	Face	Side	
30	1 3/16"	4x7	1x7	1	1	66-0741330ZP
32	1 1/4"	5x7	2x7	1	1	66-0752X32ZP
32	1 1/4"	6x7	2x7	2	2	66-0763X32ZP
35	1 3/8"	6x7	2x7	2	1	66-0762X35ZP
38	1 1/2"	4x8	2x8	1	0	66-0742138YP
41	1 5/8"	5x9	2x8	1	1	66-0752X41UP

11° Taper Angle



BIT diameter		Buttons Qty x Size, mm		Flushing Hole		Product No
MM	Inch	Gauge	Face	Face	Side	
32	1 1/4"	6x7	2x7	2	2	66-1163X32ZP
38	1 1/2"	5x9	2x7	1	1	66-1152X38XP
40	1 37/64"	5x9	2x7	1	1	66-1152X40XP

12° Taper Angle



BIT diameter		Buttons Qty x Size, mm		Flushing Hole		Product No
MM	Inch	Gauge	Face	Face	Side	
32	1 1/4"	6x7	2x7	2	2	66-1263X32ZP
35	1 3/8"	6x7	2x7	2	1	66-1262X35ZP
38	1 1/2"	5x9	2x7	1	1	66-1252X38XP
40	1 37/64"	5x9	2x7	1	1	66-1252X40XP

TAPER RODS

Taper Rod, Shanks 22 x 108



Taper	Length	Product No
7°	610	68-0722-06
7°	1220	68-0722-12
7°	1830	68-0722-18
7°	1980	68-0722-20
7°	2440	68-0722-24
7°	3050	68-0722-31
7°	3660	68-0722-37

Taper Rod, Shanks 22 x 108



Taper	Length	Product No
11°	1220	68-1122-12
11°	1830	68-1122-18
11°	1980	68-1122-20
11°	2440	68-1122-24
11°	3050	68-1122-31

Taper Rod, Shanks 22 x 108



Taper	Length	Product No
12°	610	68-1222-06
12°	1220	68-1222-12
12°	1830	68-1222-18
12°	2440	68-1222-24
12°	3050	68-1222-31
12°	3660	68-1222-37

Taper Rod, Shanks 25 x 108



Taper	Length	Product No
7°	610	68-0725-06
7°	1220	68-0725-12
7°	1830	68-0725-18
7°	1980	68-0725-20

Taper Rod, Shanks 25 x 108



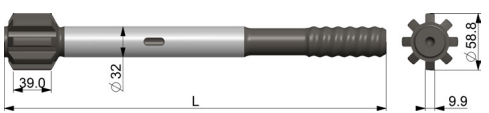
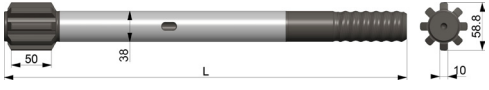
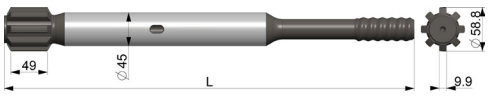
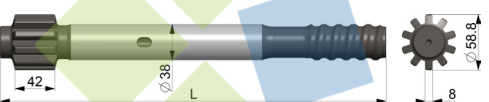
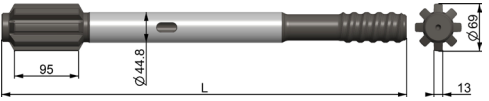
Taper	Length	Product No
12°	610	68-1225-06
12°	1220	68-1225-12
12°	1830	68-1225-18
12°	2440	68-1225-24
12°	3050	68-1225-31
12°	3660	68-1225-37

Shank Adapters

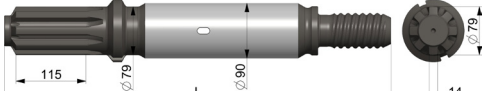


SHANK ADAPTERS

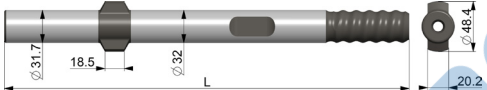
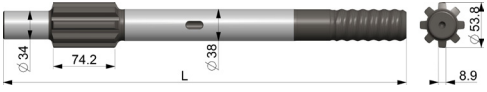
SANDVIK

HLX 1		Thread	Length	Product No	WEIGHT (KG)
		R25	255	88-2-7567-01	1.1
HL 300		Thread	Length	Product No	WEIGHT (KG)
		R32	400	88-4-7549-01	2.6
HL 500 S-38 / 510 S-38 / 510 B / 510 LH		Thread	Length	Product No	WEIGHT (KG)
		R38	500	88-5-7536-01	4.5
		T38	500	88-A-7536-01	4.4
HL 550 SUPER / HL560 SUPER / HL510 S-45		Thread	Length	Product No	WEIGHT (KG)
		T38	500	88-A-7554-01	5.2
		R32	550	88-4-7557-01	5.2
		T35	550	88-H-7557-01	5.4
		T38	550	88-A-7557-01	5.6
HLX 5 / HLX 5T		Thread	Length	Product No	WEIGHT (KG)
		R32	500	88-4-7585-01	5.1
		R38	500	88-5-7585-01	5.2
		T38	500	88-A-7585-01	5.1
		T38	575	88-A-7586-01	5.7
RD 314		Thread	Length	Product No	WEIGHT (KG)
		T38	410	88-A-7672-01	3.5
HL700/HL710-45/HL800T-45/HL810T-45/ HF810T-45/HL650-45		Thread	Length	Product No	WEIGHT (KG)
		T45	600	88-B-7576-01	7.3
HL700/HL710-52/HL710PE-52/HL700LH/ HL710S-52/HL710SPE-52/T45/HL650-52/ HL800T-52/HL800T/PE-52/HL810T-52/ HF810T-52		Thread	Length	Product No	WEIGHT (KG)
		T38	600	88-A-7577-02	8.4
		T45	600	88-B-7577-02	8.6
		T51	600	88-C-7577-03	9.1

SHANK ADAPTERS

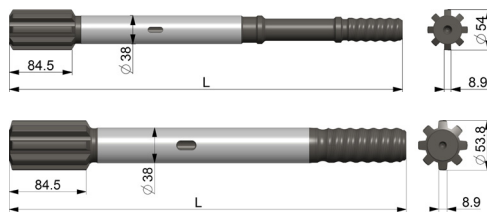
HL1000/HL 1010, HL1000S/HL 1010S-52	Thread	Length	Product No	WEIGHT (KG)
	T51	670	88-C-6010-02	10.2
HL1000PE-65, HL1010PE-65, HL1060T/PE-65, HL1500T/PE-65, HL1560T/PE-65	Thread	Length	Product No	WEIGHT (KG)
	T51	760	88-C-6025-02	15.6
	ST61/GT60	760	88-E-6025-02	16.7
HL 1500-80/1560T-80/HL1060T-80/HF1560, Shoulder drive	Thread	Length	Product No	WEIGHT (KG)
	ST61/GT60	760	88-E-6030-05	20.7
HL 1500T/PE-90/HL1500ST/PE-90/ HL1560T/PE-90/HL1560ST/PE-90HL1560T/PE-90/HL1560ST/PE-90	Thread	Length	Product No	WEIGHT (KG)
	ST58	635	88-F-6035-01	21.8
	ST68	635	88-G-6035-05	22.7

ATLAS COPCO

COP BBC 42, BBC 44, BBC 100	Thread	Length	Product No	WEIGHT (KG)
	R32	380	88-4-15858-00	2.1
COP BBC 54, BBC 120	Thread	Length	Product No	WEIGHT (KG)
	R32	380	88-4-16156-00	2.7
	R38	390	88-5-16168-00	3.2
COP 131	Thread	Length	Product No	WEIGHT (KG)
	T38	443	88-A-15993-00	3.8
COP 1036, COP 1038, COP 1238	Thread	Length	Product No	WEIGHT (KG)
	R38	485	88-5-15962-00	4.3
	T38	485	88-A-15983-00	4.3
	T38	575	88-A-15981-00	4.8
	T38	575	88-A-15982-00	5.8
	T45	575	88-B-15996-00	6.0
				

SHANK ADAPTERS

COP 1440, COP 1550, COP 1638, COP 1838, COP 2238



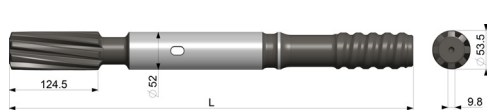
Thread	Length	Product No	WEIGHT (KG)
R32	525	88-4-16088-00	4.1
R32	435	88-4-16087-00	3.6
R38	435	88-5-16098-00	3.9
T38	435	88-A-16120-00	3.8

COP 1838 MUX/HUX



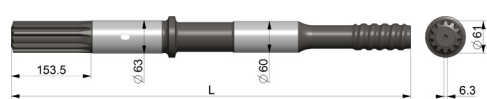
Thread	Length	Product No	WEIGHT (KG)
T35	730	88-H-16559-00	9.4
T38	730	88-A-16474-00	9.6
T45	730	88-B-16475-00	9.9

COP 1640/1840



Thread	Length	Product No	WEIGHT (KG)
T38	565	88-A-16125-00	6.6
T45	565	88-B-16128-00	6.8
T51	565	88-C-16129-00	7.2

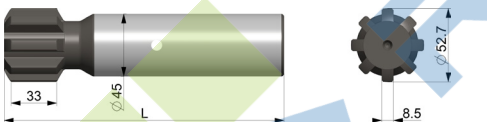
COP 2160EX / 2560EX



Thread	Length	Product No	WEIGHT (KG)
T51	770	88-C-30204-00	13.4
ST61/GT60	770	88-E-30204-00	14.4

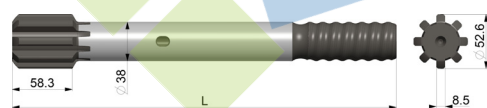
MONTABERT

HC25 (FEMALE)



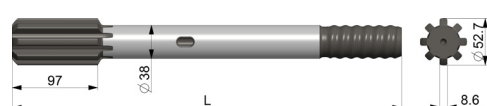
Thread	Length	Product No	WEIGHT (KG)
R32	202	88-4F-08208-00	1.9

HC40/HC 50



Thread	Length	Product No	WEIGHT (KG)
R38	372	88-5-1564-00	3.2

HC 80, HC 90, HC 105



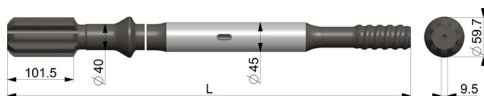
Thread	Length	Product No	WEIGHT (KG)
R38	440	88-5-1756-00	3.9
T38	440	88-A-1756-00	3.8

HC 80, HC 110, HC 120

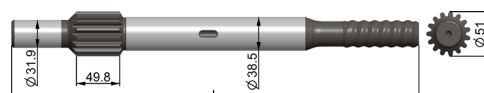


Thread	Length	Product No	WEIGHT (KG)
R38	415	88-5-1657-00	4.7
T38	415	88-A-1657-00	4.6
R38	460	88-5-1857-00	5.2
T38	460	88-A-1857-00	5.1

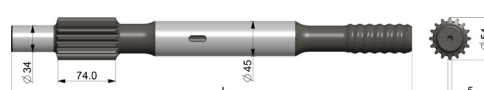
SHANK ADAPTERS

HC 80R, HC 105R, HC 107R, HC 108R, HC 109R, HC110R, HC120R	Thread	Length	Product No	WEIGHT (KG)
	T38	670	88-A-2795-00	6.9
	T45	670	88-B-2795-00	7.2

DOOFOR

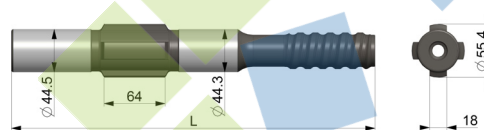
DF 528HD, DF 538S, DF 538L,	Thread	Length	Product No	WEIGHT (KG)
	R32	470	88-4-19135-00	3.7

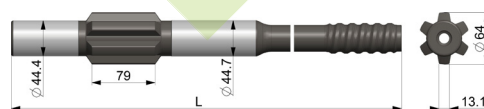
DF 550F, DF 550L, DF 540L	Thread	Length	Product No	WEIGHT (KG)
	R32	515	88-4-20233-00	4.3
	R38	515	88-5-20233-00	4.4

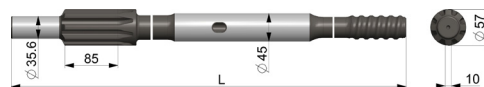
DF 545HD, DF 560	Thread	Length	Product No	WEIGHT (KG)
	R32	515	88-4-20236-00	4.9
	R38	515	88-5-20236-00	5.0
	T45	515	88-B-20236-00	5.1

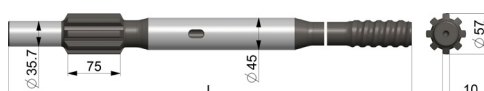
DF 545EXT HD, DF 540L-BLT, DF 560LEXT, DF 560L-BLT	Thread	Length	Product No	WEIGHT (KG)
	R32	582	88-4-23239-00	5.8
	R38	582	88-5-23239-00	5.9
	T38	582	88-A-23239-00	5.9

FURUKAWA

M 120, PD 200	Thread	Length	Product No	WEIGHT (KG)
	T38	380	88-A-41761-00	3.7

HD 300	Thread	Length	Product No	WEIGHT (KG)
	T38	655	88-A-41827-00	6.0
	T45	655	88-B-41828-00	6.9

HD 609 (QED)	Thread	Length	Product No	WEIGHT (KG)
	T38	795	88-A-41840-00	7.6

HD 609 (STD)	Thread	Length	Product No	WEIGHT (KG)
	T38	690	88-A-41853-00	6.4
	T45	690	88-B-41854-00	7.1

SHANK ADAPTERS

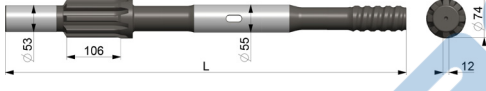
HD 612 (STD)	Thread	Length	Product No	WEIGHT (KG)
	T38	710	88-A-28112-00	8.6
	T45	710	88-B-28112-00	8.9

HD 709 (STD)	Thread	Length	Product No	WEIGHT (KG)
	T38	620	88-A-41898-00	6.4
	T45	620	88-B-41897-00	7.0

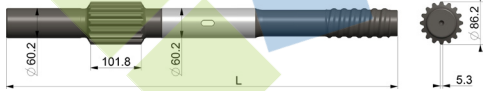
HD 712 (STD)	Thread	Length	Product No	WEIGHT (KG)
	T45	590	88-B-41858-00	8.1
	T51	590	88-C-41859-00	8.7
	T45	790	88-B-41876-00	9.5
	T51	790	88-C-41896-00	10.6

HD 712 (QED)	Thread	Length	Product No	WEIGHT (KG)
	T45	885	88-B-41913-00	12.4
	T51	885	88-C-41912-00	13.3

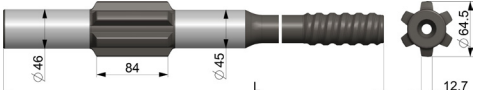
INGERSOLL RAND

YH 135 RP	Thread	Length	Product No	WEIGHT (KG)
	T51	950	88-C-48887-00	15.3

GARDNER DENVER-REEDRILL-CATERPILLAR

REEDRILL HPR 6030	Thread	Length	Product No	WEIGHT (KG)
	ST61/GT60	1040	88-E-48072-00	21.5

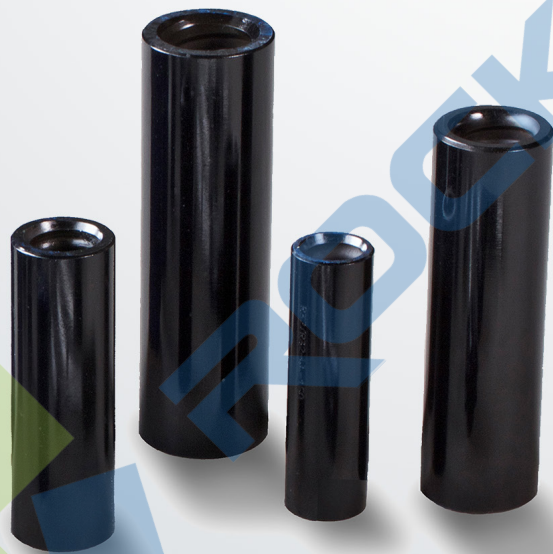
JUNJIN

JD 800	Thread	Length	Product No	WEIGHT (KG)
	T38	580	88-A-8620-00	5.6

TEI

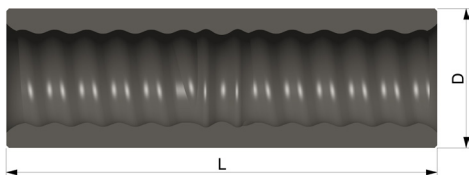
TE360	Thread	Length	Product No	WEIGHT (KG)
	T38	420	88-A-SD360-00	8.6

Coupling Sleeves



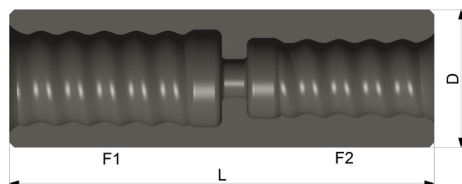
COUPLING SLEEVES

STANDARD COUPLING SLEEVE



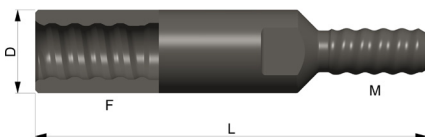
Thread Type	Dia	Length	Product No
R22	31	140	781-1R-31-140-F
R25	35	160	781-2R-35-160-F
R32	44	150	781-4R-44-150-F
R38	55	170	781-5R-55-170-F
T38	55	170	781-AT-55-170-F
T38	55	190	781-AT-55-190-F
T45	63	210	781-BT-63-210-F
T51	77	235	781-CT-77-235-F
T51	71	235	781-CT-71-235-F

REDUCTION COUPLING SLEEVE



Thread Type		Dia	Length	Product No
F1	F2			
R32	R25	44	150	781-42R-44-150-F
R32	R28	44	165	781-43R-44-165-F
R38	R32	55	170	781-54R-55-170-F
T38	R32	55	195	781-A41-55-195-F
T38	R38	55	185	781-A51-55-185-F
T45	T38	58	180	781-BAT-58-180-F
T45	T38	61	180	781-BAT-61-180-F
T51	T45	71	218	781-CBT-71-218-F

BIT ADAPTERS

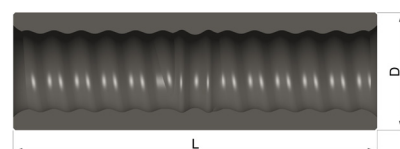


Thread Type		Dia	Length	Product No
F	M			
R25	R32	45	173	781-24R-45-173-4
R28	R32	40	230	781-34R-40-230-4
R32	R38	45	225	781-45R-45-225-4
R32	T38	45	225	781-4A1-45-225-4
T35	T38	48	250	781-HAT-48-250-4
R38	R32	55	270	781-54R-55-270-4
T38	R32	57	270	781-A41-57-270-4
T38	T45	57	285	781-ABT-57-285-4
T45	T38	63	265	781-BAT-63-265-4
T45	T51	63	285	781-BCT-63-285-4
T51	T45	71	285	781-CBT-71-285-4

COUPLING SLEEVE TYPE

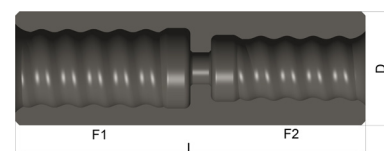
STANDARD COUPLING SLEEVE

This coupling sleeve is very common in the industry standard. It connects two female threads like R32 – R32, T38-T38 etc.



REDUCTION COUPLING SLEEVE

Reduction coupling sleeve is very common in the industry. It connects two different female threads like R32 – R38, T45-T38, T51-T38 etc.



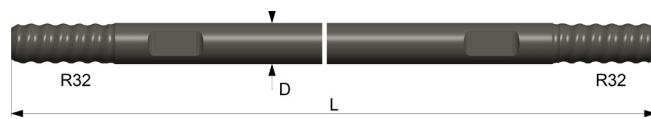


Extension & Drifter Rods



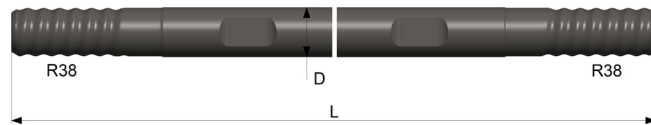
EXTENSION & DRIFTER RODS

EXTENSION RODS R32-ROUND32-R32 MM



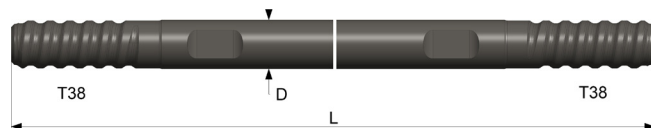
Length		DIA (D)	Product No
MM	FT		
915	3'	32	58-4432-09
1220	4'	32	58-4432-12
1525	5'	32	58-4432-15
1600	5' 3"	32	58-4432-16
1830	6'	32	58-4432-18
2095	6' 10 1/2"	32	58-4432-21
2435	8'	32	58-4432-24
3050	10'	32	58-4432-31
3660	12'	32	58-4432-37

EXTENSION RODS R38-ROUND39-R38 MM



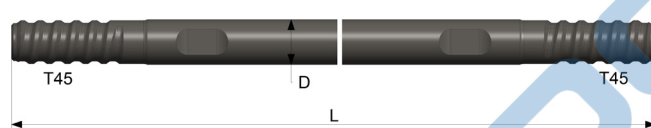
Length		DIA (D)	Product No
MM	FT		
1220	4'	39	58-5539-12
1830	6'	39	58-5539-18
2435	8'	39	58-5539-24
3050	10'	39	58-5539-31

EXTENSION RODS T38-ROUND39-T38 MM



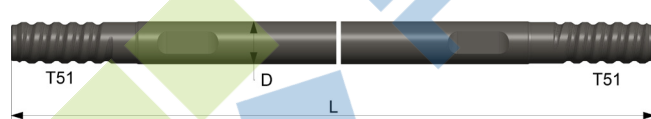
Length		DIA (D)	Product No
MM	FT		
1220	4'	39	58-AA39-12
2435	8'	39	58-AA39-24
3050	10'	39	58-AA39-31
3660	12'	39	58-AA39-37

EXTENSION RODS T45-ROUND46-T45 MM



Length		DIA (D)	Product No
MM	FT		
1220	4'	46	58-BB46-12
1525	5'	46	58-BB46-15
2435	8'	46	58-BB46-24
3050	10'	46	58-BB46-31
3660	12'	46	58-BB46-37

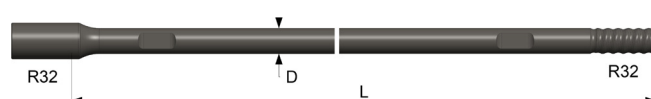
EXTENSION RODS T51-ROUND52-T51 MM



Length		DIA (D)	Product No
MM	FT		
1220	4'	52	58-CC52-12
2435	8'	52	58-CC52-24
3050	10'	52	58-CC52-31
3660	12'	52	58-CC52-37

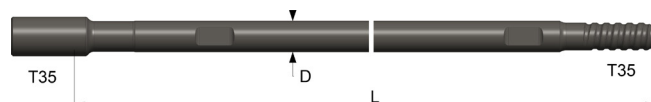
EXTENSION RODS MALE-FEMALE

EXTENSION RODS R32-ROUND32-R32 MF



Length		DIA (D)	Product No
MM	FT		
915	3'	32	58-4432-MF-09
1220	4'	32	58-4432-MF-12
1830	6'	32	58-4432-MF-18
2095	6' 10 1/2"	32	58-4432-MF-21
2435	8'	32	58-4432-MF-24
3050	10'	32	58-4432-MF-31
3660	12'	32	58-4432-MF-37

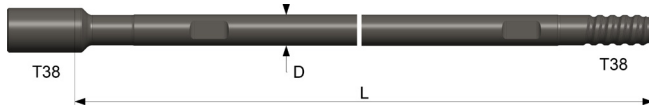
EXTENSION RODS T35-ROUND39-T35 MF



Length		DIA (D)	Product No
MM	FT		
1220	4'	39	58-HH39-MF-12
3050	10'	39	58-HH39-MF-31
3660	12'	39	58-HH39-MF-37

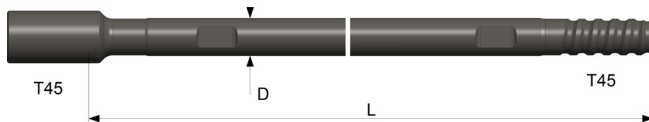
EXTENSION & DRIFTER RODS

EXTENSION RODS T38-ROUND39-T38 MF



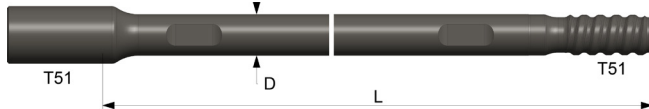
Length		DIA (D)	Product No
MM	FT		
1220	4'	39	58-AA39-MF-12
1525	5'	39	58-AA39-MF-15
1830	6'	39	58-AA39-MF-18
2095	6' 10 1/2"	39	58-AA39-MF-21
2435	8'	39	58-AA39-MF-24
3050	10'	39	58-AA39-MF-31
3660	12'	39	58-AA39-MF-37
4265	14'	39	58-AA39-MF-43

EXTENSION RODS T45-ROUND46-T45 MF



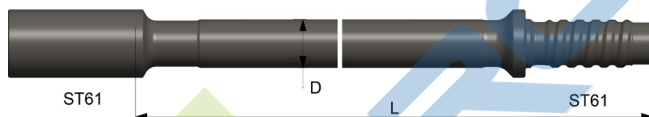
Length		DIA (D)	Product No
MM	FT		
1220	4'	46	58-BB46-MF-12
1525	5'	46	58-BB46-MF-15
1830	6'	46	58-BB46-MF-18
2095	6' 10 1/2"	46	58-BB46-MF-21
2435	8'	46	58-BB46-MF-24
3050	10'	46	58-BB46-MF-31
3660	12'	46	58-BB46-MF-37
4265	14'	46	58-BB46-MF-43

EXTENSION RODS T51-ROUND52-T51 MF



Length		DIA (D)	Product No
MM	FT		
1220	4'	52	58-CC52-MF-12
1525	5'	52	58-CC52-MF-15
1830	6'	52	58-CC52-MF-18
2095	6' 10 1/2"	52	58-CC52-MF-21
2435	8'	52	58-CC52-MF-24
3050	10'	52	58-CC52-MF-31
3660	12'	52	58-CC52-MF-37
4265	14'	52	58-CC52-MF-43

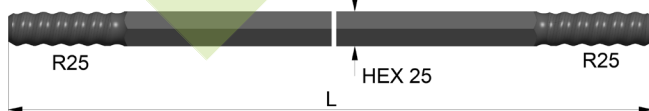
EXTENSION ROD ST61/GT60-ROUND60-ST61/GT60 MF



Length	DIA	Product No	
MM	FT	(D)	
1830	6'	60	58-EE60-MF-18
3050	10'	60	58-EE60-MF-31
3660	12'	60	58-EE60-MF-37
4265	14'	60	58-EE60-MF-43

DRIFTING & TUNNELING TOOLS

Bolting Rods R25-HEX25-R25



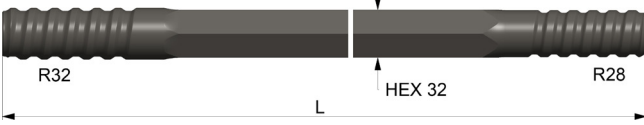
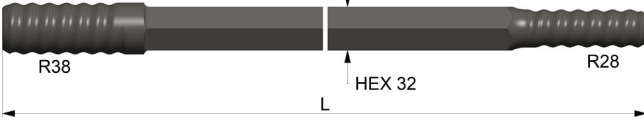
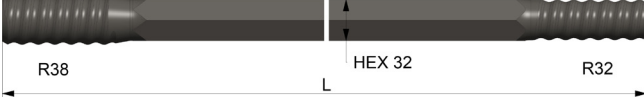
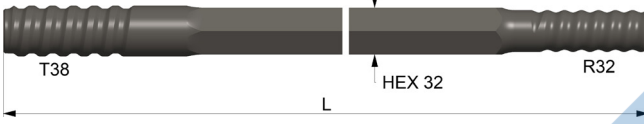
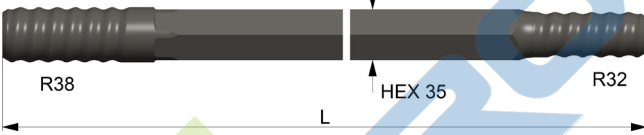
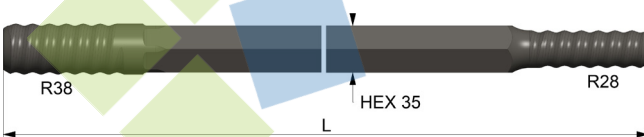
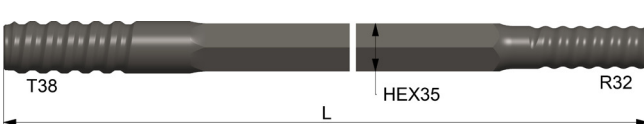
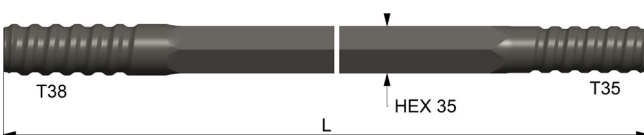
Length		HEX	Product No
MM	FT		
1220	4'	25	48-2225-12
1830	6'	25	48-2225-18
2175	7' 1 5/8"	25	48-2225-22
2475	8' 1 1/2"	25	48-2225-25
3090	10' 1 5/8"	25	48-2225-31
3700	12' 1 5/8"	25	48-2225-37

Bolting Rods R32-HEX25-R25



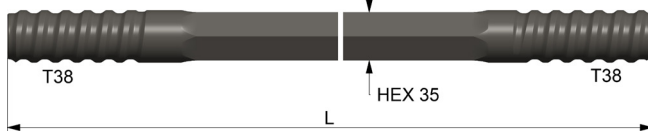
	Length		HEX	Product No
	MM	FT		
	1220	4'	25	48-4225-12
	1830	6'	25	48-4225-18
	2000	6' 7"	25	48-4225-20
	2175	7' 1 5/8"	25	48-4225-22
	2475	8' 1 1/2"	25	48-4225-25
	2785	9' 1 5/8"	25	48-4225-28
	3090	10' 1 5/8"	25	48-4225-31
	3700	12' 1 5/8"	25	48-4225-37

EXTENSION & DRIFTER RODS

Drifter Rods R32-HEX32-R28		Length		HEX	Product No
		MM	FT		
		3090	10' 1 5/8"	32	48-4332-31
		3700	12' 1 5/8"	32	48-4332-37
Drifter Rods R38-HEX32-R28		Length		HEX	Product No
		MM	FT		
		3090	10' 1 5/8"	32	48-5332-31
		3700	12' 1 5/8"	32	48-5332-37
Drifter Rods R38-HEX32-R32		Length		HEX	Product No
		MM	FT		
		2475	8' 1 1/2"	32	48-5432-25
		3090	10' 1 5/8"	32	48-5432-31
		3700	12' 1 5/8"	32	48-5432-37
		4305	14' 1 1/2"	32	48-5432-43
Drifter Rods T38-HEX32-R32		Length		HEX	Product No
		MM	FT		
		3090	10' 1 5/8"	32	48-A432-31
		3700	12' 1 5/8"	32	48-A432-37
		4305	14' 1 1/2"	32	48-A432-43
Drifter Rods R38-HEX35-R32		Length		HEX	Product No
		MM	FT		
		2475	8' 1 1/2"	35	48-5435-25
		3090	10' 1 5/8"	35	48-5435-31
		3700	12' 1 5/8"	35	48-5435-37
		4305	14' 1 1/2"	35	48-5435-43
Drifter Rods R38-HEX35-R28		Length		HEX	Product No
		MM	FT		
		2475	8' 1 1/2"	35	48-5335-25
		3090	10' 1 5/8"	35	48-5335-31
		3700	12' 1 5/8"	35	48-5335-37
		4305	14' 1 1/2"	35	48-5335-43
Drifter Rods T38-HEX35-R32		Length		HEX	Product No
		MM	FT		
		2475	8' 1 1/2"	35	48-A435-25
		3090	10' 1 5/8"	35	48-A435-31
		3700	12' 1 5/8"	35	48-A435-37
		4305	14' 1 1/2"	35	48-A435-43
Drifter Rods T38-HEX35-T35		Length		HEX	Product No
		MM	FT		
		2475	8' 1 1/2"	35	48-AH35-25
		3090	10' 1 5/8"	35	48-AH35-31
		4305	14' 1 1/2"	35	48-AH35-43

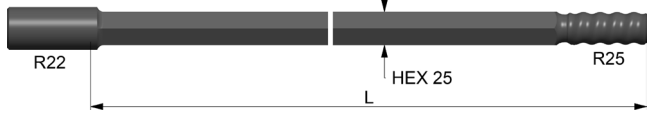
EXTENSION & DRIFTER RODS

Drifter Rods T38-HEX35-T38



Length		HEX	Product No
MM	FT		
2475	8' 1 1/2"	35	48-AA35-25
3090	10' 1 5/8"	35	48-AA35-31
3700	12' 1 5/8"	35	48-AA35-37
4305	14' 1 1/2"	35	48-AA35-43

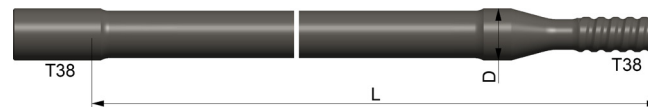
Drifter Rods R22-HEX25-R25 MF



Length		HEX	Product No
MM	FT		
567	1' 10 1/3"	25	48-1225-MF-06

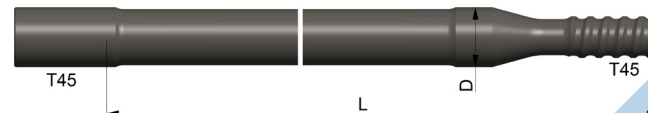
GUIDE TUBES

T38 GUIDE TUBE



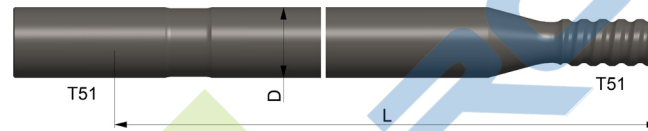
Length		DIA (D)	Product No
MM	FT		
1220	4'	56	58-AA56-GT-12
1525	5'	56	58-AA56-GT-15
1830	6'	56	58-AA56-GT-18

T45 GUIDE TUBE



Length		DIA (D)	Product No
MM	FT		
1220	4'	64	58-BB64-GT-12
1830	6'	64	58-BB64-GT-18
3050	10'	64	58-BB64-GT-31
3660	12'	64	58-BB64-GT-37
3660	12'	76	58-BB76-GT-37

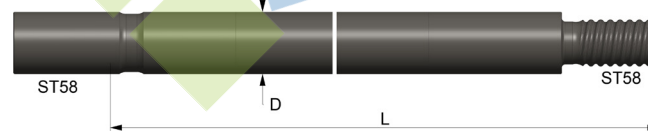
T51 GUIDE TUBE



Length		DIA (D)	Product No
MM	FT		
1830	6'	76	58-CC76-GT-18
3050	10'	76	58-CC76-GT-31
3660	12'	76	58-CC76-GT-37
3660	12'	87	58-CC87-GT-37

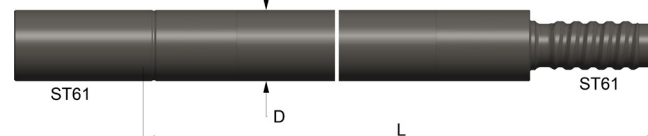
DRILL TUBES

ST58 DRILL TUBE



Length		DIA (D)	Product No
MM	FT		
1525	5'	76	58-FF76-DT-15
1830	6'	76	58-FF76-DT-18

ST61/GT60 DRILL TUBE



Length		DIA (D)	Product No
MM	FT		
4265	14'	87	58-EE87-DT-43

ST68 DRILL TUBE



Length		DIA (D)	Product No
MM	FT		
1525	5'	87	58-GG87-DT-15
1830	6'	87	58-GG87-DT-18

SPECIFICATION CHART

THREADED BIT

46

3

862

102

7

S

M

Diameter

Regular - 46
Retrac - 56,M6,H6

Thread Type

Thread	Code
R22	1
R25	2
R28	3
R32	4
R38	5
T38	A
T45	B
T51	C
ST61/GT60	E
ST58	F
ST68	G
T35	H

Flat

Gauge	FFH	SFH	GB	FB	Code
4 Gauge	1	2	4	2	421
	2	0	4	2	422
	1	1	4	2	423
	2	1	4	2	424
5 Gauge	1	1	5	2	521
	1	2	5	2	522
	2	1	5	2	523
	1	1	5	3	524
6 Gauge	2	1	6	2	621
	2	2	6	2	622
	1	1	6	3	623
	3	1	6	3	624
	2	0	6	4	625
	2	1	6	4	626
	3	0	6	3	627
	4	0	6	5	628
	3	2	6	3	635
	3	0	6	4	629
7 Gauge	2	0	7	5	751
	2	0	7	7	752
	3	0	7	4	753
	3	0	7	5	754
	2	1	7	5	755
8 Gauge	2	0	8	4	841
	2	1	8	4	842
	2	2	8	4	843
	4	0	8	6	844
	2	2	8	5	851
	2	0	8	5	852
	1	1	8	5	853
	2	1	8	5	854
	4	1	8	5	855
	2	0	8	6	861
	2	1	8	6	862
	2	2	8	6	863
	2	0	8	7	871
	2	0	8	8	881
	2	2	8	8	882
	4	0	10	8	082
	3	0	10	8	081
9 Gauge	2	0	9	5	951
	2	0	9	9	952
	2	0	9	10	953
	3	0	9	6	961
	3	1	9	6	962
	3	0	9	10	963
	3	0	9	7	971
	3	1	9	7	972
	3	0	9	9	991
	3	0	9	12	921
10 Gauge	3	0	10	7	071
12 Gauge	3	0	12	10	S01

Button Combination

BC	Code
9X7	Z
9X8	Y
9X9	X
10x8	W
10X9	V
10X10	U
11X8	T
11X9	S
11X10	R
11X11	1
12X10	2
12X11	3
12X12	4
13X11	5
14X12	6
14X13	7
14X14	8
16X12	9
16X14	Q

BC	Code
19X14	P
19X16	O
14X13X12	N
14X14X12	M
16X14X12	L
13x12	K
13x13	J
8X7	E
8X8	A2
12X8	B
12X9	A1
13X10	A3
7X7	I
16X16	D
14X13X16	G
13X12X11	F
12X10X8	A
14X11	H
18X16	C

Drop Center

Gauge	FFH	SFH	GB	FB	Code
6 Gauge	3	0	6	4	64E
	3	1	6	4	64D
	3	0	6	5	65D
	3	1	6	5	65E
	3	0	6	3	63F
8 Gauge	4	0	8	2	82D
	4	0	8	3	83D
	4	0	8	4	84D
	4	1	8	4	84E
	4	0	8	5	85D
	4	1	8	5	85E
	4	2	8	5	85I
	2	0	8	6	86D
	4	0	8	6	86E
	4	2	8	6	86I
	4	1	8	6	86F
	4	0	8	4X2	86G
	4	1	8	4X2	86H
	2	0	8	7	87D
	4	0	8	7	87E
	2	0	8	4X3	87F
	4	0	8	4X3	87G
	4	1	8	6X2	88D
	4	0	8	8	88F
	4	0	8	6X2	88E
9 Gauge	3	0	9	5	95D
	3	0	9	10	90F
	3	0	9	9	99F
10 Gauge	4	0	10	8	08D
	5	0	10	6	06D

Button Shape

Gauge	Face	Code
S	S	S
B	B	B
P	P	P
K	K	K
S	B	C
S	P	D
S	K	E
P	B	F

S - Spherical
B - Ballistic
P - Parabolic / Semi Ballistic
K - Spike / Conical

Convex

Gauge	FFH	SFH	GB	FB	Code
5 Gauge	1	1	5	2	52X
8 Gauge	2	1	8	6	86X
	2	1	8	7	87X
	2	1	8	8	88X
	2	1	8	4X5	89X
9 Gauge	3	0	9	8	98X

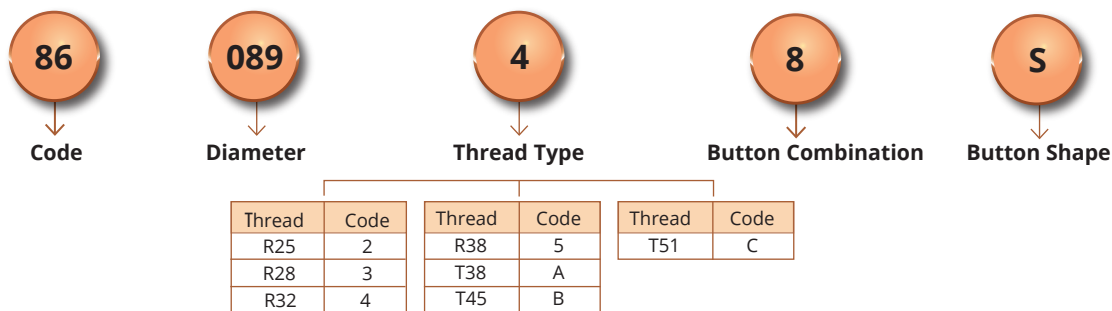
Concave

Gauge	FFH	SFH	GB	FB	Code
6 Gauge	3	0	6	5	K65
8 Gauge	2	0	8	7	K87
	2	0	8	6	K86

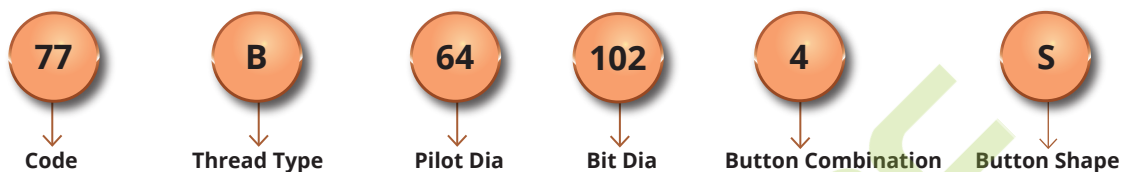
FFH - Face Flush Holes
SFH - Side Flush Holes
GB - Gauge Buttons
FB - Face Buttons
BC - Button Combination

SPECIFICATION CHART

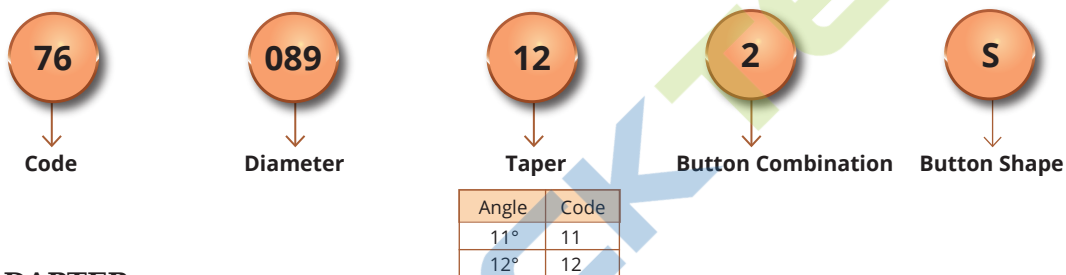
DOVE BIT



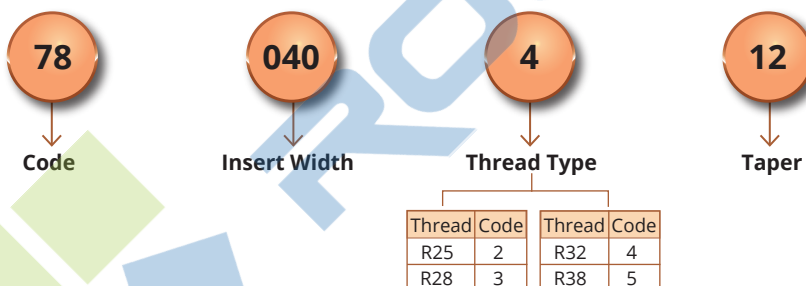
DOVE REAMING BIT



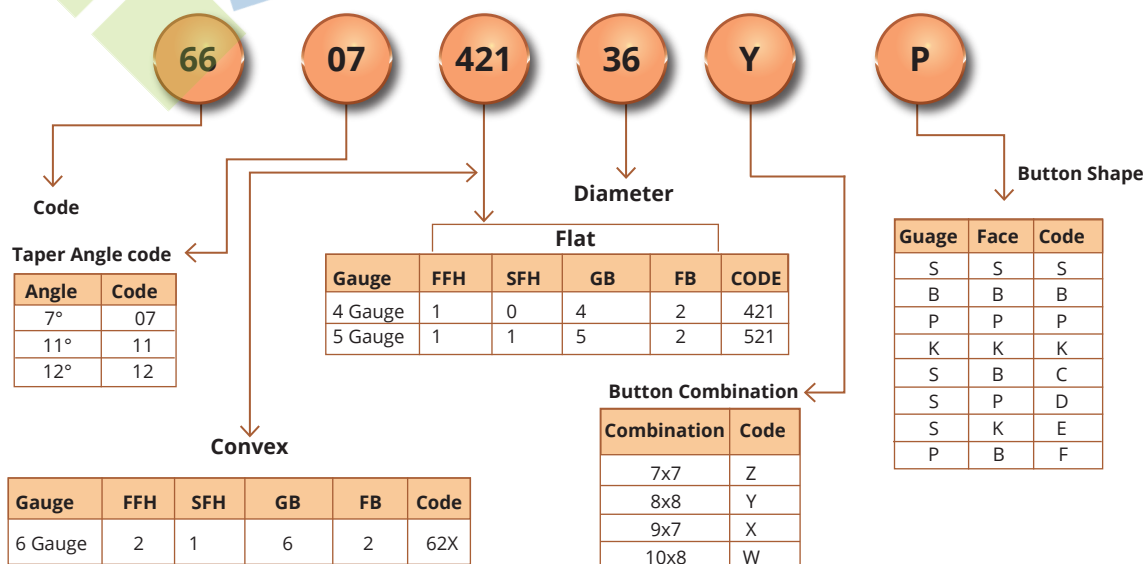
REAMING BIT



PILOT ADAPTER



TAPER BIT



SPECIFICATION CHART

TAPER ROD

68

Code

12

Taper Degree

22

HEX

18

Length

DRIFTING & TUNNELING ROD

48

Code

4-3-32

Code

T1	T2	HEX
R32	R28	32

MF

Extension Type

31

Length	Ex:
31	3090

EXTENSION ROD

58

Code

4-4-32

Code

T1	T2	OD
R32	R32	32

MF

Extension Type

09

Length	Ex:
09	915
12	1220

SHANK ADAPTER

88

Code

3

Thread	Code	Thread	Code	Thread	Code
R25	2	R32	4	T45	B
R28	3	R38	5	T51	C
		T38	A		

3652-01

Ref. No

COUPLING SLEEVES

781

Code

3

Thread	Code	Thread	Code	Thread	Code
R22	1	R32	4	T45	B
R25	2	R38	5	T51	C
R28	3	T38	A		

R

RR	R
TT	T
TR	1

44

OD
Diameter

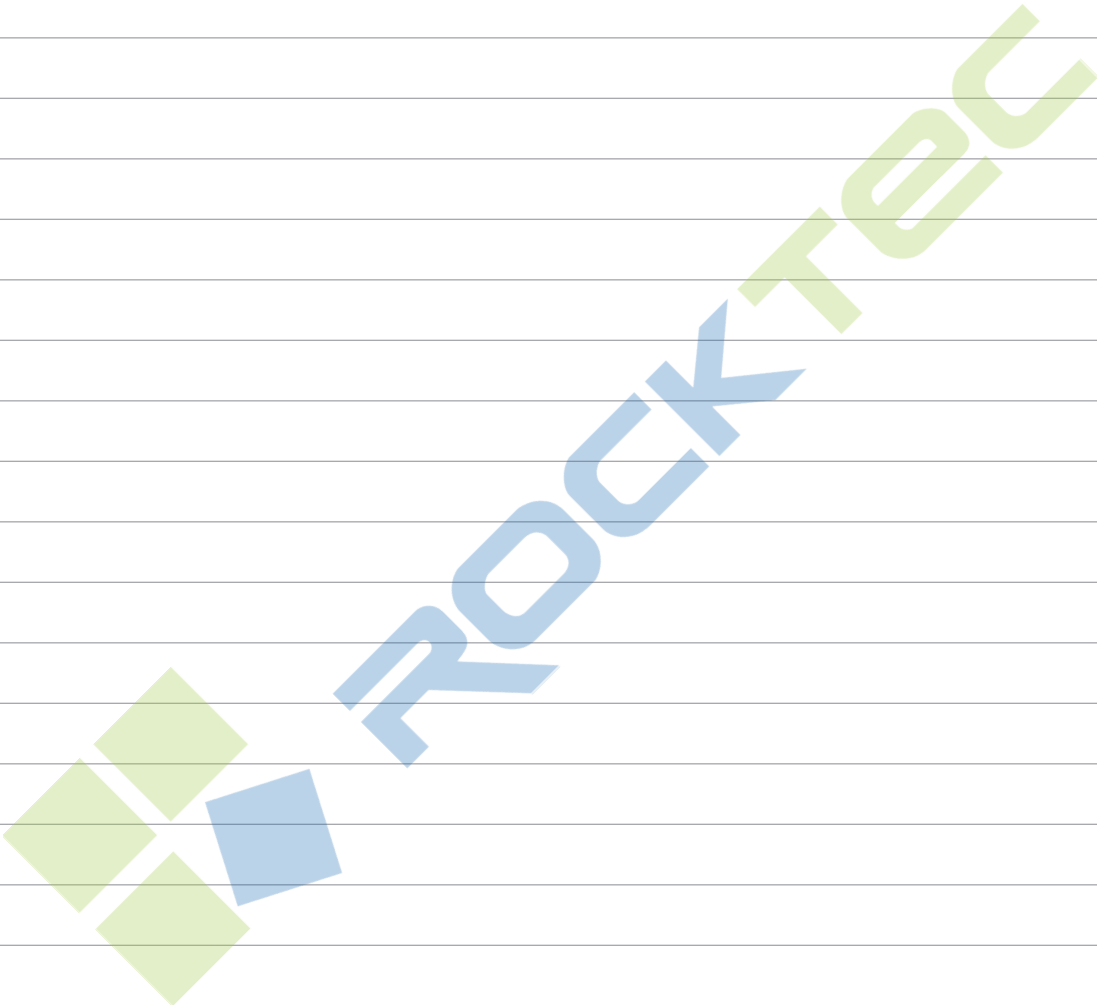
140

Sleeve
Length

F

Thread
FF F
FM 4

NOTES



Corporate Social Responsibility



We believe
CSR is not a charity It is the necessity



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