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Tools for Rock and Soil Project



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锚固用套管钻具和锚杆钻头 CASING BIT& BOLTING BIT



锥形联接 (一字型, 十字形, 球齿钎头) TAPERED DRILL BIT (CROSS TYPE BIT, CHISEL TYPE BIT, BUTTON BIT)



螺纹联接 (十字形, X型钎头, 球齿钎头)

THREADED DRILL BIT (CROSS TYPE BIT, X TYPE BIT, BUTTON BIT)



中高风压潜孔钻头

DTH BIT



中高风压潜孔冲击器
DTH HAMMER



煤截齿
CUTTING TOOLS



煤截齿
CUTTING TOOLS

截齿 (采矿, 工程用截齿)
Cutting Tools for Mining and Engineering



软岩刮削钻头
SOFT ROCK BIT&SCRAPER



碎木刀具
WOOD CHIPPER CUTTERS



农用犁头
FARM MACHINERY PARTS



碎木刀具
WOOD CHIPPER CUTTERS



工程刀具用片状合金
CEMENTED CARBIDE FOR ROCK TOOLS

1. 钎具用片状硬质合金 Cemented Carbide for Rock Drill Bit
2. 盾构刀具用硬质合金 Cemented Carbide for Shield Cutter



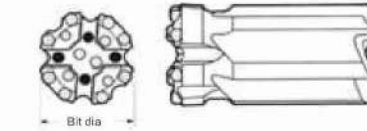
斗齿和平地铲
ENGINEERING TEETH & BLADE



GUIDE TO PRODUCT CODES

THREADED BIT(Bench)

45M P R 102 R 5



5-Drop Center(1=Flat face, 8=Convex)

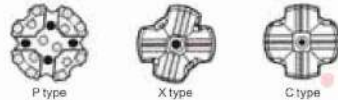


R=Round(BB=Ballistic,SA=Spike)

102=Bit dia 102mm(4")/64mm(2 1/2")-153mm(6")

R=Retract(J=Reverse blow,Blank=Straight Skirt)

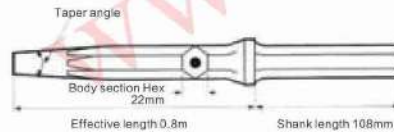
P=Button type(X=X-type,C=Cross type)



45M=45mm(1 3/4")M thread < 38M=38mm(1 1/2")M thread
51M=51mm(2")M thread

TAPERED ROD

T H 22 L 08 C



C=Taper angle 12° (A=6°)

08=Effective length 0.8m(2' 7")

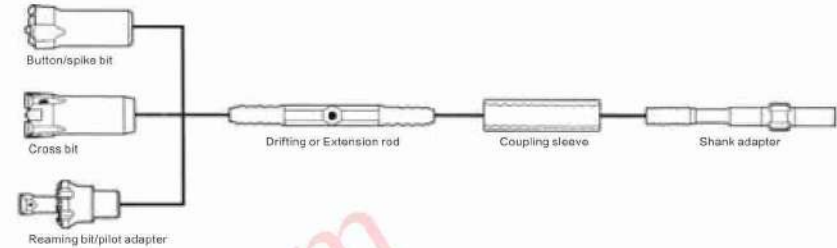
L=Shank length 108mm(LL=159mm)

22=Body section Hex 22mm(7/8")(25=25mm(1"))

H=Hexagonal hollow steel

T=Tapered rod

DRIFTING & TUNNELING EQUIPMENT ROPE THREADED 25RT(1")SERIES



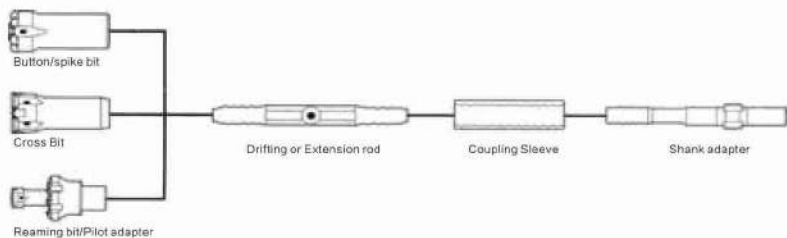
BIT	Carbide Shape	D		Part No	Approx.Weight	
		mm	in		Kg	lb
06 type	Round	35	1 3/8"	25RTP35R06	0.5	1.0
	Spike	35	1 3/8"	25RTP35SA06	0.5	1.0
	Round	38	1 1/2"	25RTP38R06	0.5	1.1
	Spike	38	1 1/2"	25RTP38SA06	0.5	1.1
	Round	41	1 5/8"	25RTP41R06	0.6	1.3
	Spike	41	1 5/8"	25RTP41SA06	0.6	1.3
Cross type		35	1 3/8"	25RTC35	0.4	0.9
		38	1 1/2"	25RTC38	0.5	1.1
		41	1 5/8"	25RTC41	0.6	1.3
		45	1 3/4"	25RTC45	0.7	1.6
		51	2"	25RTC51	0.9	2.0

DRIFTING ROD	H		L		Part No	Approx.Weight	
	mm	in	mm	ft/in		Kg	lb
	25	1"	2475	8'2"	EH25R32R25	10.2	22.7
			3090	10'2"	-2475	12.7	28.2
					EH25R32R25		


COUPLING SLEEVE	D		L		Part No	Approx.Weight	
	mm	in	mm	in		Kg	lb
	41	1 5/8"	160	6 1/4"	CR28	0.9	2.0
	45	1 3/4"	160	6 1/4"	CR32	1.1	2.4

ADAPTER COUPLING	D		L		Part No	Approx.Weight	
	mm	in	mm	in		Kg	lb
	40	1 37/64"	173	6 13/16"	CR28R25	0.9	2.0
	45	1 3/4"	170	6 57/64"	CR32R25	0.9	2.0

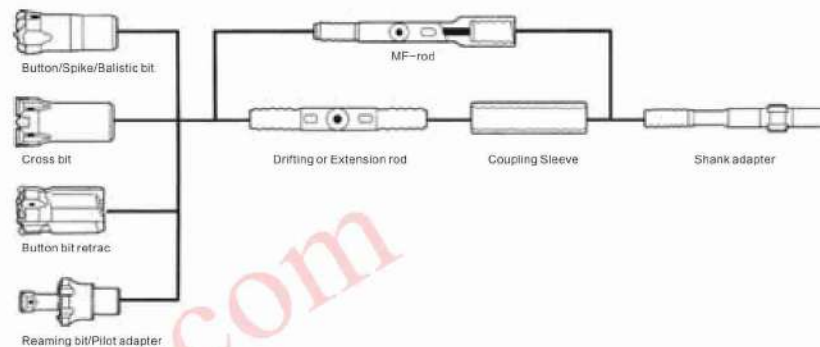
DRIFTING&TUNNELING EQUIPMENT ROPE THREAD 28RT(1 1/8")SERIES



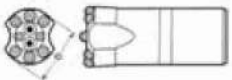
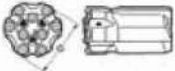
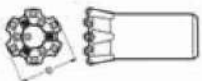


BIT	Carbide Shape	D		Part No	Approx.Weight	
		mm	in		Kg	lb
036 type	Round	45	1 3/4"	28RTP45R036	0.7	1.6
06 type	Round	38	1 1/2"	28RTP38R06	0.5	1.1
	Spike	38	1 1/2"	28RTP38SA06	0.5	1.1
	Round	41	1 5/8"	28RTP41R06	0.6	1.3
	Round	43	1 11/16"	28RTP43R06	0.7	1.6
	Round	45	1 3/4"	28RTP45R06	0.7	1.6
08 type	Round	43	1 11/16"	28RTP43R08	0.7	1.6
	Round	45	1 3/4"	28RTP45R08	0.7	1.6
Cross type		38	1 1/2"	28RTC38	0.5	1.1
		41	1 5/8"	28RTC41	0.6	1.3
		43	1 11/16"	28RTC43	0.7	1.6
		45	1 3/4"	28RTC45	0.7	1.6

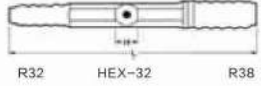

DRIFTING ROD	H		L		Part No	Approx.Weight	
	mm	in	mm	ft/in		Kg	lb
 R28 HEX-28 R32	28	1 1/8"	3090	10'2"	EH28R32R28-3090	15.8	35.0
			3700	12'2"	EH28R32R28-3700	19.2	42.7
 R38 HEX-32 R38	32	1 1/4"	4310	14'2"	EH32R38 R28-4310	23.0	51.1

DRIFTING&TUNNELING EQUIPMENT ROPE THREAD 32RT(1 1/4")SERIES

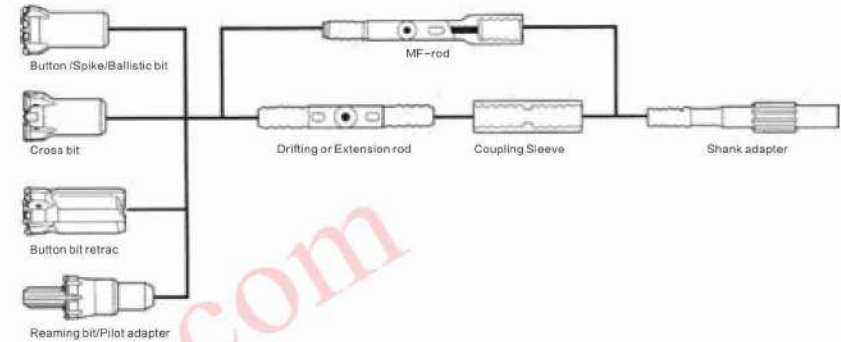


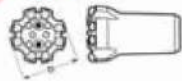

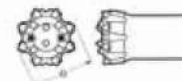
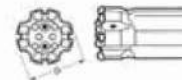
BIT	Carbide Shape	D		Part No	Approx.Weight	
		mm	in		Kg	lb
036 type	Round	45	1 3/4"	32RTP45R036	0.8	1.7
	Spike	45	1 3/4"	32RTP45SA036	0.8	1.7
	Round	51	2"	32RTP51R036	1.0	2.2
	Spike	51	2"	32RTP51SA036	1.0	2.2
	Spike	57	2 1/4"	32RTP57SA036	1.2	2.7
036A type	Round	45	1 3/4"	32RTP45R036	0.8	1.7
	Spike	51	2"	32RTP51SA036	1.0	2.2
06 type	Spike	41	1 5/8"	32RTP41SA06	0.6	1.3
	Round	43	1 11/16"	32RTP43R06	0.6	1.3
	Round	45	1 3/4"	32RTP45R06	0.8	1.7
	Round	48	1 7/8"	32RTP48R06	0.9	1.9
	Round	51	2"	32RTP51R06	0.9	2.1
07 type	Round	43	1 11/16"	32RTP43R07	0.6	1.3
	Round	45	1 3/4"	32RTP45R07	0.7	1.6
	Round	48	1 7/8"	32RTP48R07	0.8	1.8
	Round	51	2"	32RTP51R07	1.0	2.2

BIT	Carbide Shape	D		Part No	Approx.Weight	
		mm	in		Kg	lb
08 type 	Spike	45	1 3/4"	32RTP45SA08	0.8	1.7
	Ballistic	45	1 3/4"	32RTP45BB08	0.8	1.7
	Spike	48	1 7/8"	32RTP48SA08	0.9	2.0
	Ballistic	48	1 7/8"	32RTP48BB08	0.9	2.0
	Spike	51	2"	32RTP51SA08	0.9	2.1
Retrac flat face 	Round	51	2"	32RTPR51R1	2.2	4.9
	Round	57	2 1/4"	32RTPR57R1	2.7	6.0
	Round	64	2 1/2"	32RTPR64R1	2.8	6.2
Drop center 	Round	76	3"	32RTPR76R5	2.0	4.5
Cross type 		41	1 5/8"	32RTC41	0.6	1.3
		45	1 3/4"	32RTC45	0.7	1.6
		48	1 7/8"	32RTC48	0.9	2.0
		51	2"	32RTC51	0.9	2.1
		57	2 1/4"	32RTC57	1.1	2.4
X-type 		64	2 1/2"	32RTX64	1.3	2.9
		76	3"	32RTX76	1.5	3.3

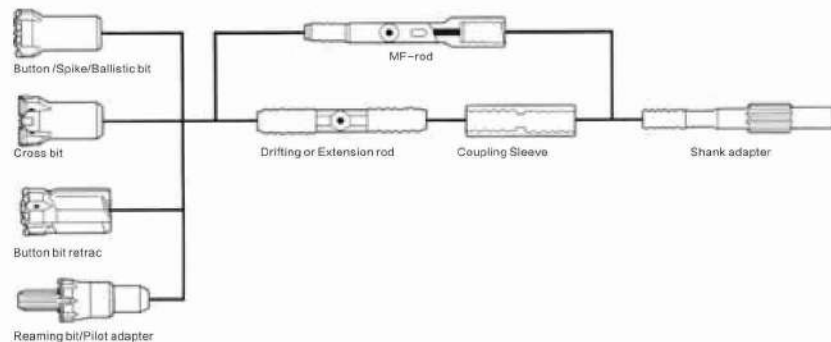
DRIFTING ROD	H		L		Part No	Approx.Weight	
	mm	In	mm	ft/in		Kg	lb
 R32 HEX-32 R38	32	1 1/4"	3090	10'2"	EH32R38R32-3090	19.7	43.8
			3700	12'2"	EH32R38R32-3700	23.4	52.1
			4310	14'2"	EH32R38R32-4310	27.2	60.5
			4920	16'2"	EH32R38R32-4920	31.3	69.5
 R32 HEX-32 M38	32	1 1/4"	3700	12'2"	EH32M38R32-3700	21.4	47.6
			4310	14'2"	EH32M38R32-4310	27.1	60.2
			4920	16'2"	EH32M38R32-4920	31.3	69.5


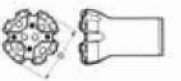
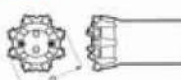
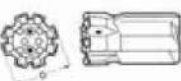
BENCH DRILLING EQUIPMENT M THREAD M38(1 1/2") SERIES



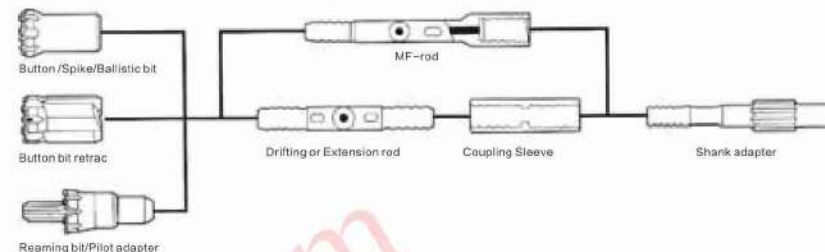
BIT	Carbide Shape	D		Part No	Approx.Weight	
		mm	in		Kg	lb
Flat face 	Round	64	2 1/2"	38MP64R1	1.7	3.9
	Round	70	2 3/4"	38MP70R1	1.9	4.5
	Round	76	3"	38MP76R1	2.5	5.6
	Round	89	3 1/2"	38MP89R1	3.7	8.2
	Round	102	4"	38MP102R1	4.5	10.0
Drop center 	Round	64	2 1/2"	38MP64R5	1.7	3.7
	Spike	64	2 1/2"	38MP64SA5	1.7	3.7
	Ballistic	64	2 1/2"	38MP64BB5	1.7	3.7
	Round	70	2 3/4"	38MP70R5	1.8	4.1
	Ballistic	70	2 3/4"	38MP70BB5	1.8	4.1
	Round	76	3"	38MP76R5	2.3	5.2
	Ballistic	76	3"	38MP76BB5	2.3	5.2
	Round	89	3 1/2"	38MP89R5	3.4	7.5
	Spike	89	3 1/2"	38MP89SA5	3.4	7.5
	Ballistic	89	3 1/2"	38MP89BB5	3.4	7.5
	Round	102	4"	38MP102R5	4.6	10.2
Spike	102	4"	38MP102SA5	4.6	10.2	
Convex 	Spike	64	2 1/2"	38MP64SA8	1.6	3.6
	Spike	76	3"	38MP76SA8	2.4	5.3
	Spike	89	3 1/2"	38MP89SA8	3.5	7.7
Retrac button bit 	Round	64	2 1/2"	38MPR64R	2.6	5.8
	Round	76	3"	38MPR76R	4.0	8.9
	Round	89	3 1/2"	38MPR89R	5.5	12.2
	Round	102	4"	38MPR102R	7.0	15.6

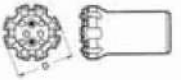
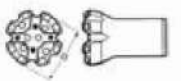
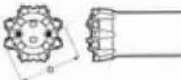
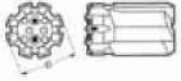
BENCH DRILLING EQUIPMENT M THREAD M45(1 3/4")SERIES



BIT	Carbide shape	D		Part No	Approx. Weight	
		mm	in		Kg	lb
Flat face 	Round	76	3"	45MP76R1	2.6	5.8
	Round	89	3 1/2"	45MP89R1	4.1	9.2
	Round	102	4"	45MP102R1	4.5	10.0
	Round	115	4 1/2"	45MP115R1	5.9	13.0
Drop center 	Round	70	2 3/4"	45MP70R5	2.0	4.4
	Ballistic	70	2 3/4"	45MP70BB5	2.0	4.4
	Round	76	3"	45MP76R5	2.4	5.3
	Spike	76	3"	45MP76SA5	2.4	5.3
	Ballistic	76	3"	45MP76BB5	2.4	5.3
	Round	89	3 1/2"	45MP89R5	3.8	8.4
	Spike	89	3 1/2"	45MP89SA5	3.8	8.4
	Ballistic	89	3 1/2"	45MP89BB5	3.8	8.4
	Round	102	4"	45MP102R5	4.5	9.9
	Spike	102	4"	45MP102SA5	4.5	9.9
	Ballistic	102	4"	45MP102BB5	4.5	9.9
	Round	115	4 1/2"	45MP115R5	6.6	14.7
Round	127	5"	45MP127R5	8.4	18.6	
Convex 	Spike	76	3"	45MP76SA8	2.4	5.4
	Ballistic	76	3"	45MP76BB8	2.4	5.4
	Spike	89	3 1/2"	45MP89SA8	3.9	8.7
	Ballistic	89	3 1/2"	45MP89BB8	3.9	8.7
Retrac button bit 	Round	76	3"	45MPR76R	4.0	8.9
	Round	89	3 1/2"	45MPR89R	5.5	12.2
	Round	102	4"	45MPR102R	7.8	17.3
	Round	115	4 1/2"	45MPR115R	9.2	20.4

BENCH DRILLING EQUIPMENT M THREAD M51(2")SERIES



BIT	Carbide shape	D		Part No	Approx. Weight	
		mm	in		Kg	lb
Flat Face 	Round	89	3 1/2"	51MP89R1	4.5	10.0
	Round	102	4"	51MP102R1	5.6	12.5
	Round	115	4 1/2"	51MP115R1	7.6	16.8
	Round	127	5"	51MP127R1	9.7	21.6
Drop Center 	Round	89	3 1/2"	51MP89R5	4.1	9.0
	Round	102	4"	51MP102R5	5.3	11.8
	Spike	102	4"	51MP102SA5	5.3	11.8
	Ballistic	102	4"	51MP102BB5	5.3	11.8
	Round	115	4 1/2"	51MP115R5	7.1	15.7
	Ballistic	115	4 1/2"	51MP115BB5	7.1	15.7
	Round	127	5"	51MP127R5	9.2	20.4
	Ballistic	127	5"	51MP127BB5	9.2	20.4
	Round	140	5 1/2"	51MP140R5	11.0	24.4
	Convex 	Round	102	4"	51MP102R8	7.7
Spike		102	4"	51MP102SA8	7.7	17.1
Spike		115	4 1/2"	51MP115SA8	8.5	18.9
Spike		127	5"	51MP127SA8	9.4	20.9
Retrac button bit 	Round	89	3 1/2"	51MPR89R	5.9	13.1
	Round	102	4"	51MPR102R	8.0	17.8
	Round	115	4 1/2"	51MPR115R	9.8	21.8
	Round	127	5"	51MPR127R	11.7	26.0