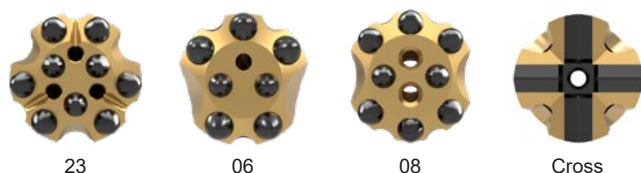
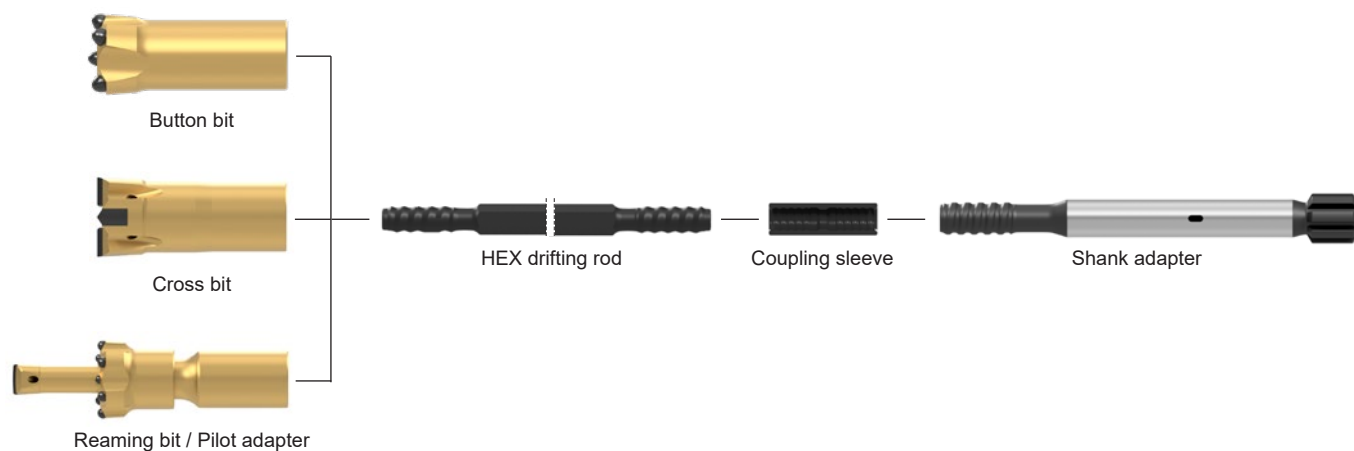


DRIFTING&TUNNELING DRILLING EQUIPMENT

R28 SERIES (1 1/8") (Recommended Gauge diameter $\phi 37$ - $\phi 45$)



Various type of products are being released. Please feel free to contact us.



Button Bit Type 23



Part Number		Gauge Diameter		Gauge Angle (°)	Gauge Button	Face Button	Blow Hole		Weight(kg)
Round	Semi Ballistic	(mm)	(in)		No × Dia(mm)	No × Dia(mm)	Side	Face	
28RTPWS37R23L	28RTPWS37BB23L	37	1 15/32"	30°	6× $\phi 8$	3× $\phi 7$	1	3	0.5
28RTPWS38R23L	28RTPWS38BB23L	38	1 1/2"	30°	6× $\phi 8$	3× $\phi 7$	1	3	0.5
28RTPWS41R23L	28RTPWS41BB23L	41	1 5/8"	30°	6× $\phi 8$	3× $\phi 8$	1	3	0.6
28RTPWS43R23L	28RTPWS43BB23L	43	1 11/16"	30°	6× $\phi 9$	3× $\phi 8$	1	3	0.7
28RTPWS45R23L	28RTPWS45BB23L	45	1 3/4"	30°	6× $\phi 9$	3× $\phi 8$	1	3	0.7



Button Bit Type 06



Part Number		Gauge Diameter		Gauge Angle [°]	Gauge Button	Face Button	Blow Hole		Weight(kg)
Round	Semi Ballistic	(mm)	(in)		No × Dia(mm)	No × Dia(mm)	Side	Face	
28RTPWS37R06L	28RTPWS37BB06L	37	1 15/32"	30°	5×φ9	2×φ7	1	1	0.5
28RTPWS38R06L	28RTPWS38BB06L	38	1 1/2"	30°	5×φ9	2×φ8	1	1	0.5
28RTPWS41R06L	28RTPWS41BB06L	41	1 5/8"	30°	5×φ10	2×φ8	2	1	0.7
28RTPWS43R06L	28RTPWS43BB06L	43	1 11/16"	30°	5×φ10	2×φ8	2	1	0.7
28RTPWS45R06L	28RTPWS45BB06L	45	1 3/4"	30°	5×φ11	2×φ9	2	1	0.7



Button Bit Type 08



Part Number		Gauge Diameter		Gauge Angle [°]	Gauge Button	Face Button	Blow Hole		Weight(kg)
Round	Semi Ballistic	(mm)	(in)		No × Dia(mm)	No × Dia(mm)	Side	Face	
28RTPVS41R08M	28RTPVS41BB08M	41	1 5/8"	35°	6×φ8	2×φ8	—	2	
28RTPVS43R08M	28RTPVS43BB08M	43	1 11/16"	35°	6×φ9	2×φ8	—	2	
28RTPVS45R08M	28RTPVS45BB08M	45	1 3/4"	35°	6×φ9	2×φ9	—	2	
28RTPVS48R08M	28RTPVS48BB08M	48	1 7/8"	35°	6×φ10	2×φ9	—	2	0.9



Cross Bit



Part Number	Gauge Diameter		Carbide size	Blow Hole		Weight(kg)
	(mm)	(in)	W×H(mm)	Side	Face	
28RTC38V	38	1 1/2"	10×19	4	1	0.5
28RTC41V	41	1 5/8"	10×19	4	1	0.6
28RTC43V	43	1 11/16"	10×19	4	1	0.7
28RTC45V	45	1 3/4"	10×19	4	1	0.7

DRIFTING&TUNNELING DRILLING EQUIPMENT

R28 SERIES (1 1/8") (Recommended Gauge diameter $\phi 37$ - $\phi 45$)



Reaming Bit 6° Taper



Part Number	Gauge Diameter		Gauge Angle [°]	Gauge Button	Face Button	Blow Hole		Weight(kg)
	(mm)	(in)		No × Dia(mm)	No × Dia(mm)	Side	Face	
WTHP64R11	64	2 1/2"	30°	6× $\phi 9$	3× $\phi 8$	—	—	1.0
WTHP76R11	76	3"	30°	6× $\phi 10$	6× $\phi 9$	—	—	1.3
WTHP89R15	89	3 1/2"	30°	8× $\phi 11$	8× $\phi 10$	—	—	1.7



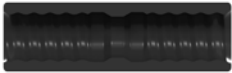
Pilot Adapter 6° Taper

Part Number	Gauge Diameter		Carbide size	Blow Hole		Weight(kg)
	(mm)	(in)	(mm)	Side	Front	
WR28THI26B	26	1"	8×12	1	1	1.1

HEX Rod



Part Number	Thread		Hex		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
EH28R32R28-2440	R28	R32	28	1 1/8"	2440	8'	12.3
EH28R32R28-2800			28	1 1/8"	2800	9' 2"	14.1
EH28R32R28-3100			28	1 1/8"	3100	10' 2"	15.8
EH28R32R28-3400			28	1 1/8"	3400	11' 1 5/8"	17.2
EH28R32R28-3700			28	2 1/8"	3700	12' 2"	19.2
EH28R32R28-4310			32	1 1/4"	4310	14' 2"	23.0



Coupling Sleeve

Part Number	Thread		Outside Diameter		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
CR28D	R28	R28	41	1 5/8"	160	6 1/4"	1.0
CR32D	R32	R32	45	1 3/4"	150	6"	1.0



Crossover Coupling Sleeve

Part Number	Thread		Outside Diameter		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
CR32R28	R28	R32	45	1 3/4"	171	6 3/4"	1.4