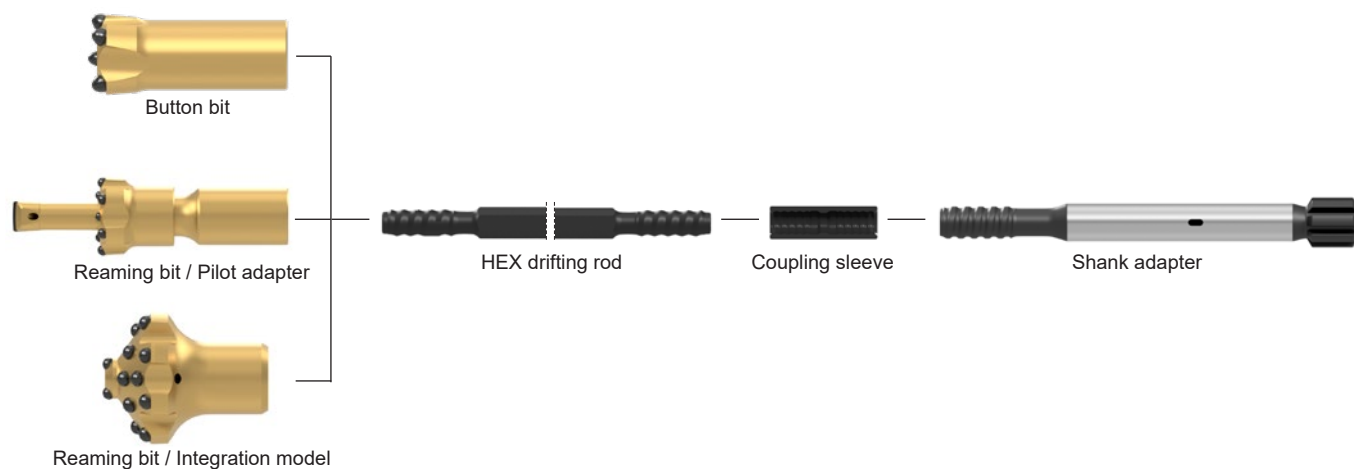


DRIFTING&TUNNELING DRILLING EQUIPMENT

R35 SERIES (1 3/8") (Recommended Gauge diameter $\phi 48$ - $\phi 64$)



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



Button Bit Type TX



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	
—	35RTPVS48BB23MTX	48	1 7/8"	35°	6× $\phi 10$	3× $\phi 9$	—	3	0.9
—	35RTPVS51BB23MTX	51	2"	35°	6× $\phi 10$	3× $\phi 10$	—	3	1.0
—	35RTPVS54BB23MTX	54	2 1/8"	35°	6× $\phi 11$	3× $\phi 10$	—	3	1.3
—	35RTPVS57BB23MTX	57	2 1/4"	35°	6× $\phi 11$	3× $\phi 11$	—	3	1.3



Button Bit Type 03



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	
35RTPWS48R03M	35RTPWS48BB03M	48	1 7/8"	35°	6×φ10	3×φ9	1	3	0.8
35RTPWS51R03L	35RTPWS51BB03L	51	2"	30°	6×φ11	3×φ9	1	3	1.0



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	
35RTPWS48R23L	35RTPWS48BB23L	48	1 7/8"	30°	6×φ10	3×φ9	1	3	0.8
35RTPWS51R23L	35RTPWS51BB23L	51	2"	30°	6×φ10	3×φ9	1	3	0.9
35RTPWS54R23L	35RTPWS54BB23L	54	2 1/8"	30°	6×φ10	3×φ10	1	3	1.0
35RTPWS57R23L	35RTPWS57BB23L	57	2 1/4"	30°	6×φ11	3×φ10	1	3	1.1
35RTPWS64R23M	35RTPWS64BB23M	64	2 1/2"	30°	6×φ12	3×φ11	1	3	1.3



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	
35RTPWS48R06L	35RTPWS48BB06L	48	1 7/8"	30°	5×φ11	2×φ9	2	1	0.8
35RTPWS51R06L	35RTPWS51BB06L	51	2"	30°	5×φ12	2×φ10	2	1	0.9



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	
35RTPVS48R08M	35RTPVS48BB08M	48	1 7/8"	35°	6×φ10	2×φ9	—	2	0.8

DRIFTING&TUNNELING DRILLING EQUIPMENT

R35 SERIES (1 3/8") (Recommended Gauge diameter $\phi 48$ - $\phi 64$)



Reaming Bit 12° 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	
WTKP89R15	89	3 1/2"	30°	8× $\phi 11$	4× $\phi 10$	—	—	1.6
WTKP102R16	102	4"	35°	8× $\phi 14$	6× $\phi 12$	—	—	2.3
WTKP127R16	127	5"	35°	12× $\phi 13$	8× $\phi 13$	—	—	4.8



Pilot Adapter 12° Taper

Part Number	Gauge Diameter		Carbide size	Blow Hole		Weight(kg)
	(mm)	(in)	W×H(mm)	Side	Face	
WR35TKI40B	40	1 9/16"	8×12	3	1	1.5



Reaming Bit Integration Model



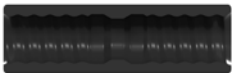
Part Number	Gauge Diameter		Gauge Angle [°]	Gauge Button	Face Button	Blow hole			Weight(kg)
	(mm)	(in)		No × Dia(mm)	No × Dia(mm)	Side	Face	Reverse	
WI35RTPJ76R-30R	76	3"	35°	8× $\phi 12$	6× $\phi 10$	2	1	2	2.3
WI35RTPJ89R-30R	89	3 1/2"	35°	8× $\phi 12$	10× $\phi 10$	2	1	2	2.7
WI35RTPJ102R-30R	102	4"	35°	8× $\phi 12$	9× $\phi 12$, 2× $\phi 10$	2	1	2	2.9

HEX Rod



Part Number	Thread		Hex		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
EH35M38R35-3700	R35	T38	35	1 3/8"	3700	12'2"	28.6
EH35M38R35-4310			35	1 3/8"	4310	14' 2"	33.3
EH35M38R35-4920			35	1 3/8"	4920	16' 2"	36.8
EH35M38R35-5530			35	1 3/8"	5530	18' 2"	41.4

Coupling Sleeve



Part Number	Thread		Outside Diameter		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
CM38Z2	T38	T38	55	2 1/6"	190	7 1/2"	2.0
CR35D	R35	R35	48	1 7/8"	160	6 1/4"	1.2

Crossover Coupling Sleeve



Part Number	Thread		Outside Diameter		Length		Weight(kg)
			(mm)	(in)	(mm)	(ft/in)	
CR35R32	R35	R32	48	1 7/8"	171	6 3/4"	1.5