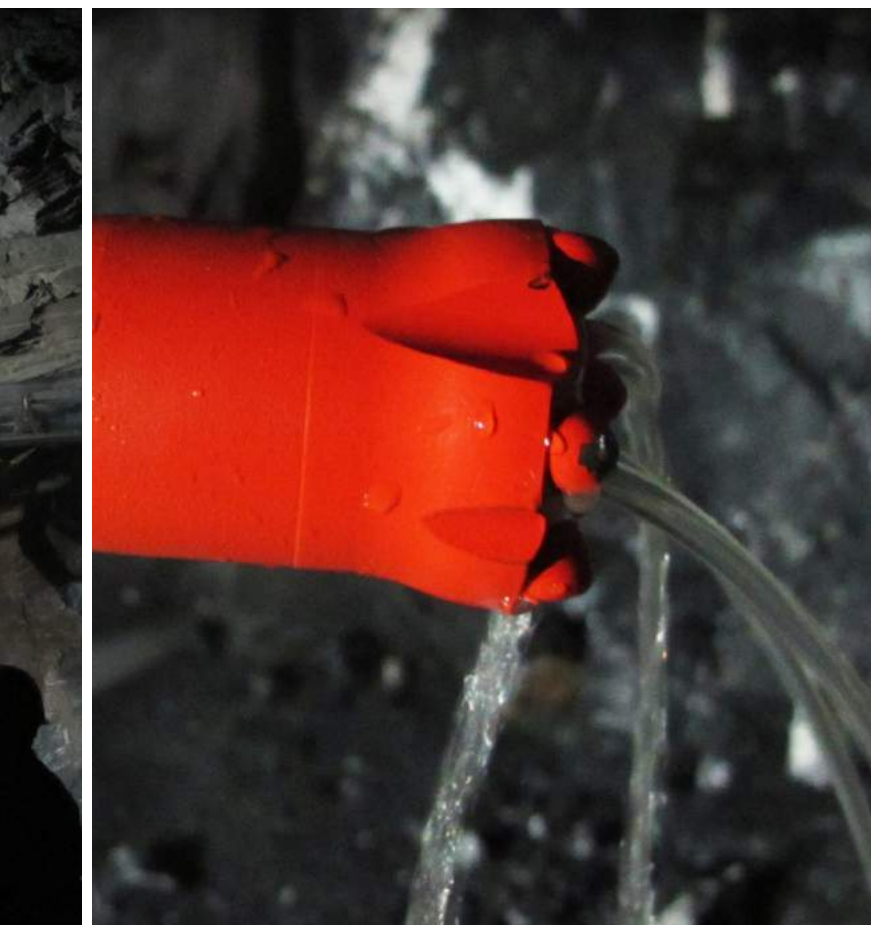




Drifting & Tunneling Product Catalogue







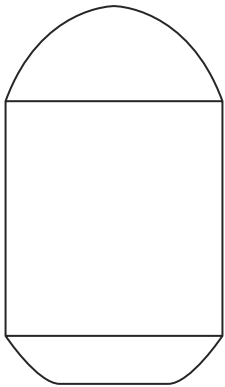
Information & classification guides	5
R25 (1") Thread	8
R28 (1 1/8") Thread	10
R32 (1 1/4") Thread	12
R35 (1 3/8") Thread	16
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Information & classification

Guides

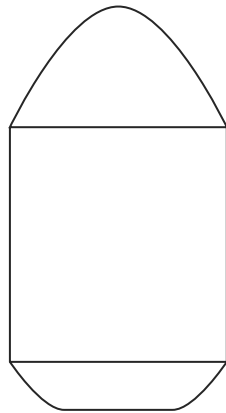
Guide

Carbide profile design



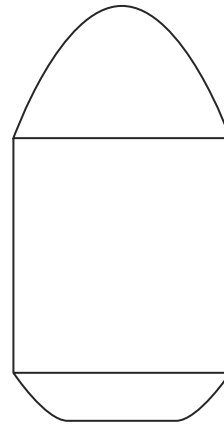
Hemispherical

SEM = Semispherical button
Usually for **very hard rocks**



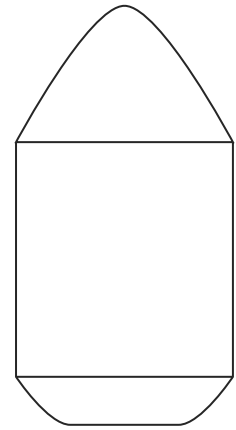
Ballistic

BAL = Ballistic button
Usually for **medium hard rocks**



Parabolic/ Semiballistic

BAL = Parabolic button
Usually for **medium hard rocks**



Conical/Spike

CON = Conical carbide
on request
Usually for **soft rocks**

Guide of product code

Thread bit (i.e. 3089T38F14R)

30	89	T38	F	14	D	R	K
30: Button bit 31: Chisel bit 32: Cross bit	Head diameter: 89 mm	Thread: T38	Flushing	Buttons	D: Drop center design	R: Retrac body	KP: Pilot bit KR: Reaming bit KD: Dome bit KC: Cut holes/ Dome bit

Note: Face flushing

Face + Side + Flushing

Face + Reverse + Flushing

Guide of product code

Drifter rod (i.e. 2132T38R3230)

21	32	T38	R32	30
20: Round 21: Hexagon	Rod diameter: 32 mm	T38: On shank end	R32: On bit end	Rod length: 30: 3050 mm

Extension rod (i.e. 2038T3830)

20	38	T38	30
20: Round 21: Hexagon	Rod diameter: 38 mm	Thread: T38	Rod length: 30: 3050 mm

MF rod (i.e. 2038T38MF30)

20	38	T38	MF	30
20: Round 21: Hexagon	Rod diameter: 38 mm	Thread: T38	MF rod	Rod length: 30: 3050 mm



Drop center/Standard skirt

Code: D

Perfect in abrasive formations where there is accelerated button wear or in medium to hard rock when ballistic buttons have a tendency to break.



Drop center/Retrac skirt

Code: DR

To be used in medium-hard and fissured rock formations, better hole deviation control.



Flat front/Standard skirt

Code: –

Ideal for medium-hard rock when the rock formation causes heavy gauge wear on the bit. Can also be used in very hard and abrasive rock formations.



Flat front/Retrac skirt

Code: R

To be used in the same applications as flat front/spherical buttons/standard skirt when you have also created a hole.

Drifting & tunneling

R25 (1")
Thread


Drifting & tunneling

Button bit


	Dimensions D		Flushing hole (mm)		Buttons (mm)		Angle	Class	Part no.
	mm	in	Front No size	Gauge No size	Front No size	Gauge No size			
	33	1 5/16	1×5	1×5	2×7	5×7	30°	H	3033R2507
	35	1 3/8	1×5	1×5	2×7	5×8	30°	H	3035R2507
	38	1 1/2	1×5	2×5	2×7	5×9	30°	H	3038R2507
	41	1 5/8	1×5	2×5	2×8	5×9	30°	H	3041R2507
	43	1 11/16	1×5	2×5	2×8	5×10	30°	H	3043R2507
	45	1 3/4	1×5.5	2×5.5	2×9	5×11	30°	H	3045R2507
	33	1 5/16	2×4.5	2×4.5	2×7	6×7	30°	S	3033R2508
	41	1 5/8	2×5.5	2×5	2×8	6×9	30°	S	3041R2508
	38	1 1/2	2×5	2×5	2×8	6×8	30°	S	3038R25F08
	43	1 11/16	3×5	-	3×8	6×9	30°	M	3043R2509
	45	1 3/4	3×5	1×5	3×8	6×10	30°	M	3045R2509

Reaming tools

Pilot bit 6° taper

	40	1 37/64	2×5	2×5.5	2×8	4×9	30°	-	3040R2506KP
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Reaming bit 6° taper

	76	3	-	-	-	8×11	35°	-	3076R2508KR
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R25 (1") Thread

Drill rod



Shank rod with hex 22 * 108 with thread R25



mm	Dimensions L		Dimensions D		Part no.
	ft	in	mm	in	
250	-	10	22	7/8	1022R2502
1500	4	11	22	7/8	1022R2515
2400	7	10	22	7/8	1022R2524
3200	10	6	22	7/8	1022R2532
4000	13	1	22	7/8	1022R2540

Shank rod with hex 25 * 108 with thread R25



250	-	10	25	1	1025R2502
1500	4	11	25	1	1025R2515
2400	7	10	25	1	1025R2524
3200	10	6	25	1	1025R2532

Hex rod 25 with threads R25/R25



2200	7	2	25	1	2125R2522
2475	8	2	25	1	2125R2524
2600	8	6	25	1	2125R2526
2800	9	2	25	1	2125R2528
3100	10	2	25	1	2125R2531

Hex rod 25 with threads R25/R25 (MF)



1525	5	-	25	1	2125R25MF15
1830	6	-	25	1	2125R25MF18

Coupling

R25-R25



L (mm)	Dimensions D		Part no.
	mm	in	
140	34	1 11/32	MX-R253414

Crossover coupling R25-R32









175	45	1 3/4	MX-R25R324517
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Drifting & tunneling

R28 (1 1/8")
Thread

Drifting & tunneling

Button bit	Dimensions D		Flushing hole (mm)		Buttons (mm)		Angle	Class	Part no.
	mm	in	Front No size	Gauge No size	Front No size	Gauge No size			
	38	1 1/2	1×5	2×5	2×7	5×9	30°	H	3038R2807
	41	1 5/8	1×5	2×5	2×8	5×9	30°	H	3041R2807
	43	1 11/16	1×5	2×5	2×8	5×10	30°	H	3043R2807
	45	1 3/4	1×5	2×5	2×9	5×11	30°	H	3045R2807
	41	1 5/8	2×5.5	2×5	2×8	6×9	30°	S	3041R2808
	43	1 11/16	3×5	-	3×8	6×9	30°	M	3043R2809
	45	1 3/4	3×5	1×5	3×8	6×10	30°	M	3045R2809
Reaming tools									
Pilot bit 6° taper									
	40	1 37/64	2×5	2×5.5	2×8	4×9	30°	-	3040R2806KP
Reaming bit 6° taper									
	76	3	-	-	-	8×11	35°	-	3076R2808KR
Dome bit									
	76	3	2×9	2×7	1×11	14×11	35°	-	3076R2815KD

R28 (1 1/8") Thread

Drill rod



Hex rod 28 with threads R28/R32



Hex rod 32 with threads R28/R32



Dimensions L			Dimensions D		Part no.
mm	ft	in	mm	in	
2800	9	2	28	1 1/8	2128R32R2828
3100	10	2	28	1 1/8	2128R32R2831
3700	12	2	28	1 1/8	2128R32R2837

4310	14	2	32	1 1/4	2132R32R2843
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Coupling

R28-R28



Crossover coupling R28-R32



L (mm)	Dimensions D		Part no.
	mm	in	
160	37	1 29/64	MX-R283716

171	45	1 3/4	MX-R28R324517
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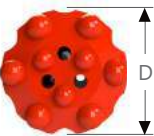





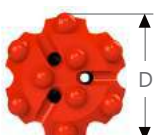

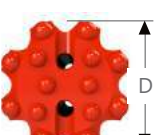
Drifting
& tunneling

Drifting & tunneling

R32 (1 1/4")
Thread

Drifting & tunneling











Button bit

Button bit	Dimensions D		Flushing hole (mm)		Buttons (mm)		Angle	Class	Part no.
	mm	in	Front No size	Gauge No size	Front No size	Gauge No size			
 	45	1 3/4	1×5.5	2×5.5	2×9	5×11	30°	H	3045R3207
	48	1 7/8	2×6	1×5	2×9	5×11	30°	H	3048R3207
	51	2	2×6	1×5.5	2×10	5×11	30°	H	3051R3207
 	43	1 11/16	2×5	2×5	2×8	6×9	30°	S	3043R3208
	45	1 3/4	2×5	2×5	2×9	6×10	30°	S	3045R3208
	48	1 7/8	2×5.5	2×5	2×9	6×10	30°	S	3048R3208
 	43	1 11/16	3×4	2×5	3×8	6×10	30°	M	3043R3209
	45	1 3/4	3×5	1×5	3×8	6×10	30°	M	3045R3209
	48	1 7/8	3×5	1×5	3×9	6×10	30°	M	3048R3209
	54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M	3054R3209
 	45	1 3/4	3×5	1×5	3×8	6×10	30°	M	3045R32F09
	48	1 7/8	3×5	1×5	3×9	6×10	30°	M	3048R32F09
	51	2	3×5.5	1×5.5	3×9	6×10	35°	M	3051R32F09
	54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M	3054R32F09
	57	2 1/4	3×6	1×6	3×10	6×11	35°	M	3057R32F09
 	64	2 1/2	3×7	1×6	4×10	6×11	35°	M	3064R3210D
 	64	2 1/2	3×7	1×6	3×11	6×12	35°	H	3064R32F09
 	76	3	2×9	2×7	6×10	8×11	35°	H	3076R32F14

R32 (1 1/4") Thread



Drifting & tunneling

Button bit



Dimensions D		Flushing hole (mm)		Buttons (mm)		Angle	Class	Part no.		
		Front No size	Gauge No size	Front No size	Gauge No size					
		51	2	3×5	1×6	3×9	6×10	30°	M	3051R32F09R
		54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M	3054R32F09R
		57	2 1/4	3×6	1×6	3×10	6×11	35°	M	3057R32F09R
		64	2 1/2	3×7	1×6	4×10	6×11	35°	M	3064R3210DR
		64	2 1/2	3×7	1×6	3×11	6×12	35°	H	3064R32F09R

Reaming tools


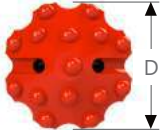
Pilot bit 12° taper

		41	1 5/8	2×5	2×5.5	2×8	4×9	30°	-	3041R3206KP
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Reaming bit 12° taper

		89	3 1/2	-	-	4×10	8×11	35°	-	3089R3212KR
		102	4	-	-	4×12	8×12	35°	-	30102R3212KR

Dome bit

		76	3	2×9	2×7	1×11	14×11	35°	-	3076R3215KD
		89	3 1/2	2×9	2×8	1×12	14×12	35°	-	3089R3215KD
		102	4	2×9	2×9	1×12	14×12	35°	-	30102R3215KD

Drifting & tunneling

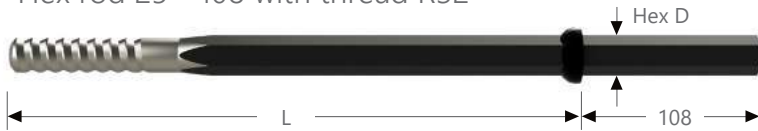
R32 (1 1/4")
Thread

Drifting & tunneling

Drill rod



Hex rod 25 * 108 with thread R32



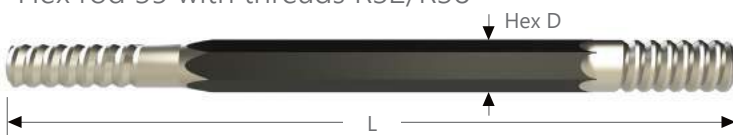
Part no.	Dimensions L			Dimensions D	
	mm	ft	in	mm	in
1025R3218	1830	6	-	25	1
1025R3224	2435	8	-	25	1
1025R3229	2950	9	7 5/8	25	1
1025R3230	3050	10	-	25	1

Hex rod 32 with threads R32/R38



2132R38R3231	3100	10	2	32	1 1/4
2132R38R3237	3700	12	2	32	1 1/4
2132R38R3243	4310	14	2	32	1 1/4
2132R38R3249	4920	16	2	32	1 1/4

Hex rod 35 with threads R32/R38



2135R38R3231	3100	10	2	35	1 3/8
2135R38R3237	3700	12	2	35	1 3/8
2135R38R3243	4310	14	2	35	1 3/8
2135R38R3249	4920	16	2	35	1 3/8
2135R38R3255	5530	18	2	35	1 3/8

Hex rod 32 with threads R32/T38



2132T38R3231	3100	10	2	32	1 1/4
2132T38R3237	3700	12	2	32	1 1/4
2132T38R3243	4310	14	2	32	1 1/4
2132T38R3249	4920	16	2	32	1 1/4

Hex rod 35 with threads R32/T38



2135T38R3231	3100	10	2	35	1 3/8
2135T38R3237	3700	12	2	35	1 3/8
2135T38R3243	4310	14	2	35	1 3/8
2135T38R3249	4920	16	2	35	1 3/8
2135T38R3255	5530	18	2	35	1 3/8

Rod Ø32 with threads R32/R32 (MF)



2032R32MF31	3100	10	2	32	1 1/4
2032R32MF37	3700	12	2	32	1 1/4
2032R32MF43	4310	14	2	32	1 1/4
2032R32MF49	4920	16	2	32	1 1/4

Rod Ø32 with threads R32/R32



2032R3218	1830	6	-	32	1 1/4
2032R3224	2435	8	-	32	1 1/4
2032R3229	2950	9	7 5/8	32	1 1/4
2032R3230	3050	10	-	32	1 1/4

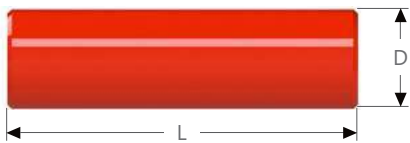
R32 (1 1/4") Thread

Coupling

R32-R32



Crossover coupling R32-R35



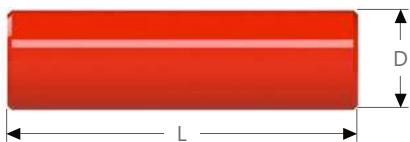
Crossover coupling R28-R32



Crossover coupling R32-R38



Crossover coupling R32-T38



Dimensions L		Dimensions D		Part no.
mm	in	mm	in	
150	6	45	1 3/4	MX-R324515
175	6 7/8	45	1 3/4	MX-R35R324517
171	6 3/4	45	1 3/4	MX-R32R284517
181	7 1/8	54	2 1/8	MX-R38R325418
188	7 1/2	54	2 1/8	MX-T38R325418

Note: Middle stop sleeves will be manufactured upon receipt of your orders




Drifting & tunneling

Drifting & tunneling

R35 (1 3/8")
Thread


Drifting
& tunneling

Button bit


	Dimensions D		Flushing hole (mm)		Buttons (mm)		Angle	Class	Part no.
	mm	in	Front No size	Gauge No size	Front No size	Gauge No size			
	48	1 7/8	1×5.5	2×5.5	2×9	5×11	30°	H	3048R3507
	51	2	2×6	1×5	2×9	5×11	30°	H	3051R3507
	48	1 7/8	3×5	1×5	3×9	6×10	30°	M	3048R35F09
	51	2	3×5.5	1×5.5	3×9	6×10	35°	M	3051R35F09
	54	2 1/8	3×6	1×6	3×10	6×11	35°	M	3054R35F09
	57	2 1/4	3×7	1×6	3×10	6×11	35°	M	3057R35F09
	54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M	3054R35F09R
	57	2 1/4	3×6	1×6	3×10	6×11	35°	M	3057R35F09R

Reaming tools

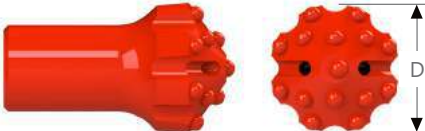
Pilot bit 12° taper

	41	1 5/8	2×5	2×5.5	2×8	4×9	30°	-	3041R3506KP
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Reaming bit 12° taper

	89	3 1/2	-	-	4×10	8×11	35°	-	3089R3512KR
	102	4	-	-	4×10	8×11	35°	-	30102R3512KR

Dome bit

	76	3	2×9	2×7	1×11	14×11	35°	-	3076R3515KD
	89	3 1/2	2×9	2×8	1×12	14×12	35°	-	3089R3515KD
	102	4	2×9	2×9	1×12	14×12	35°	-	30102R3515KD

R35 (1 3/8") Thread

Drill rod



Hex rod 35 with threads R35/T38



Dimensions L			Dimensions D		Part no.
mm	ft	in	mm	in	
4310	14	2	35	1 1/4	2135T38R3543
4920	16	2	35	1 1/4	2135T38R3549
5530	18	2	35	1 1/4	2135T38R3555

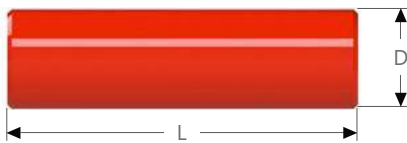
Coupling

R35-R35



Dimensions L		Dimensions D		Part no.
mm	in	mm	in	
160	6 1/4	48	1 7/8	MX-R354816

Crossover coupling R32-R35



171	6 3/4	48	1 7/8	MX-R35R324817
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Drifting & tunneling

Part no.	Weight (kg)	Page no.
3089R3512KR	2.10	16
3089R3515KD	2.30	
30102R3512KR	3.50	
30102R3515KD	3.70	
2135T38R3543	33.30	17
2135T38R3549	36.80	
2135T38R3555	41.40	
MX-R354816	1.20	
MX-R35R324817	1.50	

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