



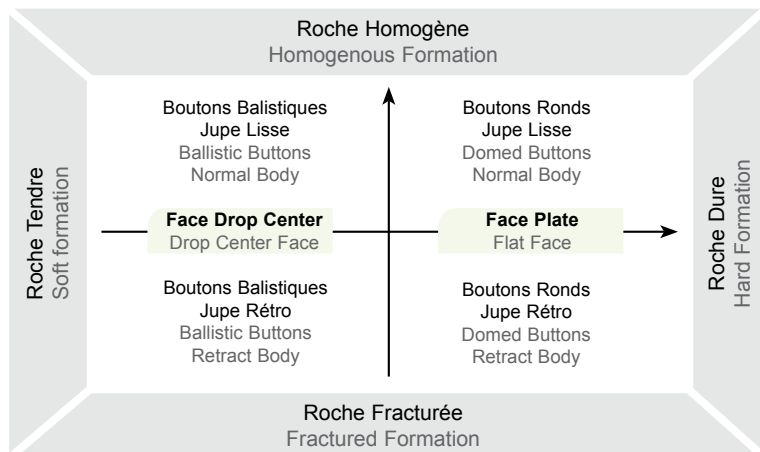
TAILLANTS

DRILL BITS

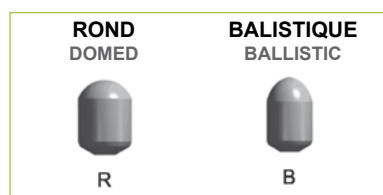
2 Taillants

Drill Bits

TABLEAU DE SÉLECTION DES TAILLANTS / BIT SELECTION CHART



NOMENCLATURE OUTILS / BITS NOMENCLATURE



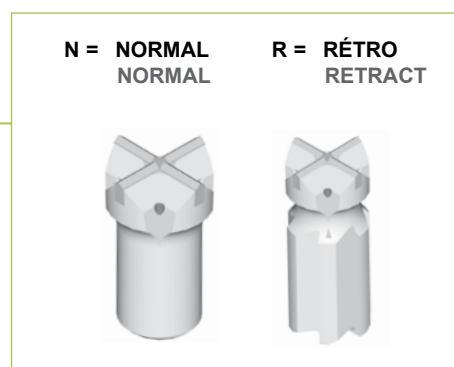
Outils de roto-percussion	Boutons	Filetage	Diamètre mm	Face de l'outil	Corps
T O P	R	O R 3 2	0 5 1	A	N
Top Hammer Bits	Buttons	Thread	Diameter mm	Bit Face	Bit Body

OR22 = R22	OT38 = T38
OR25 = R25	OT45 = T45
OR28 = R28	OT51 = T51
OR32 = R32	OT60 = T60
OR38 = R38	



Outils de roto-percussion	Filetage	Diamètre mm	Face de l'outil	Corps
T O P H	O R 3 2	0 5 1	C	N
Top Hammer Bits	Thread	Diameter mm	Bit Face	Bit Body

OUTILS EN CROIX
CROSS BITS



2.1a Taillants à boutons R22

R22 Button Bits

R22 7/8"

BOUTONS RONDS / DOMED BUTTONS R22 - 7/8" DIAM. 38 MM								
 A	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
 B	38	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPR0R22038AN
	38	B	N	2 - 8 mm	4 - 9 mm	-	2	TOPR0R22038BN
	BOUTONS BALISTIQUES / BALLISTIC BUTTONS R22 - 7/8" DIAM. 38 MM							
 A	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
 B	38	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPB0R22038AN
	38	B	N	2 - 8 mm	4 - 9 mm	-	2	TOPB0R22038BN

 A	Diam. 41 mm	BOUTONS RONDS / DOMED BUTTONS R22 - 7/8" DIAM. 41 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPR0R22041AN
		41	B	N	2 - 9 mm	4 - 9 mm	1	2	TOPR0R22041BN
 B	Diam. 41 mm	BOUTONS BALISTIQUES / BALLISTIC BUTTONS R22 - 7/8" DIAM. 41 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPB0R22041AN
		41	B	N	2 - 9 mm	4 - 9 mm	1	2	TOPB0R22041BN

2.1b Taillants à plaquettes R22

R22 Chisel Bits

R22 7/8"



Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
35	1 3/8"	TOPH0R22035CN	TOPH0R22035CR	TOPH0R22035BL	voir photo ci-dessus see picture above
38	1 1/2"	TOPH0R22038CN	TOPH0R22038CR	TOPH0R22038BL	
41	1 5/8"	TOPH0R22041CN	TOPH0R22041CR	TOPH0R22041BL	
45	1 3/4"	TOPH0R22045CN	TOPH0R22045CR	TOPH0R22045BL	
51	2"	TOPH0R22051CN	TOPH0R22051CR	TOPH0R22051BL	

Autres diamètres sur demande / Other diameters on request



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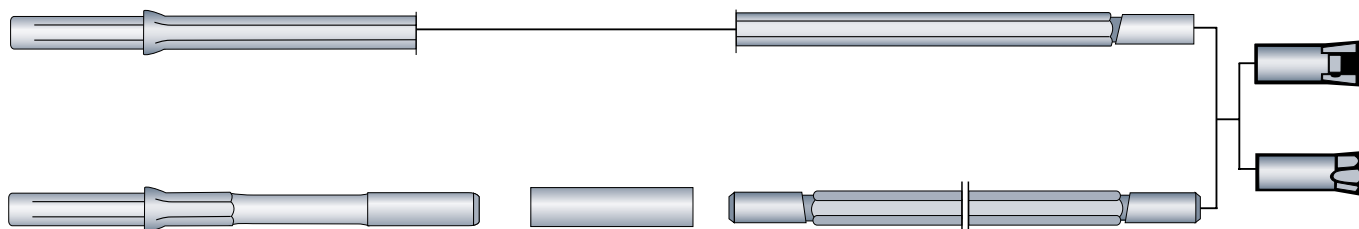


R22 7/8"

2.1c Equipements long trou R22

R22 Extension Drill Steel

FILETAGE DES TAILLANTS / BIT THREAD



Description / Description	Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
		mm	in	mm	ft in		
Tiges allonges Extension Rods		22	7/8"	915	3'	2.79	TOPRAPAPA0915
Hex 22 - Ø 6.7 mm		22	7/8"	1220	4'	3.73	TOPRAPAPA1220
		22	7/8"	1525	5'	4.66	TOPRAPAPA1525
		22	7/8"	1830	6'	5.59	TOPRAPAPA1830
Manchons Couplings	R22 - R22	30	1 3/16"	140	5 1/2'	0.50	TOPCABABAA140
Emmanchement Shank		22	7/8"	255	10'	1.05	TOPEAAPAA0255
Hex 22 x 108 Hex 22 - Ø 6.7 mm		22	7/8"	1830	6'	5.75	TOPEAAPAA1830

2.2a Taillants à boutons R25

R25 Button Bits

R25 1"

 A	Diam. 38 mm	BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 38 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		38	A	N	2 - 7 mm	5 - 9 mm	1	2	TOPR0R25038AN
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R25 - 1" DIAM. 38 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		38	A	N	2 - 7 mm	5 - 9 mm	1	2	TOPB0R25038AN

 A	Diam. 41 mm	BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 41 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPR0R25041AN
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R25 - 1" DIAM. 41 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPB0R25041AN

 A	Diam. 46 mm	BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 46 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		46	A	N	2 - 9 mm	5 - 10 mm	1	2	TOPR0R25046AN
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R25 - 1" DIAM. 46 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		46	A	N	2 - 9 mm	5 - 10 mm	1	2	TOPB0R25046AN

 A	Diam. 48 mm	BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 48 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		48	A	N	2 - 10 mm	5 - 10 mm	1	2	TOPR0R25048AN

 A	Diam. 50 mm	BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 50 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		50	A	N	2 - 10 mm	6 - 10 mm	2	1	TOPR0R25050AN

R25 1"

2.2a Taillants à boutons R25 R25 Button Bits


A

Diam. 51 mm

BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 51 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
51	A	N	2 - 10 mm	6 - 10 mm	2	1	TOPR0R25051AN	
51	A	R	2 - 10 mm	6 - 10 mm	2	1	TOPR0R25051AR	


A

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R25 - 1" DIAM. 51 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
51	A	R	2 - 8 mm	5 - 9 mm	1	1	TOPB0R25051AR	


A

Diam. 57 mm

BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 57 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
57	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R25057AR	


A

Diam. 64 mm

BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 64 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R25064AR	


A

Diam. 66 mm

BOUTONS RONDS / DOMED BUTTONS R25 - 1" DIAM. 66 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
66	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R25066AN	

R25 1"

2.2b Taillants à plaquettes R25 R25 Chisel Bits



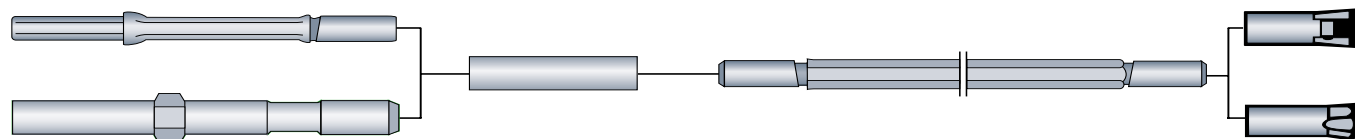
Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
35	1 3/8"	TOPH0R25035CN	TOPH0R25035CR	TOPH0R25035BL	voir photo ci-dessus see picture above
38	1 1/2"	TOPH0R25038CN	TOPH0R25038CR	TOPH0R25038BL	
41	1 5/8"	TOPH0R25041CN	TOPH0R25041CR	TOPH0R25041BL	
45	1 3/4"	TOPH0R25045CN	TOPH0R25045CR	TOPH0R25045BL	
51	2"	TOPH0R25051CN	TOPH0R25051CR	TOPH0R25051BL	

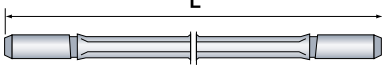
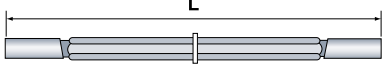
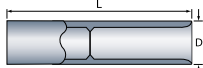
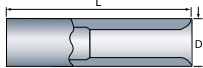
Autres diamètres sur demande / Other diameters on request

2.2c Equipements long trou R25

R25 Extension Drill Steel

R25 1"

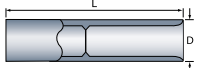
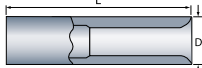


Description / Description		Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
			mm	in	mm	ft in		
Tiges allonges Extension Rods Hex 22 - Ø 6.7 mm					610	2'	2.11	TOPRAPBPB0610
					915	3'	3.04	TOPRAPBPB0915
					1220	4'	3.98	TOPRAPBPB1220
					1830	6'	5.94	TOPRAPBPB1830
					2435	8'	7.68	TOPRAPBPB2435
Tiges allonges Extension Rods Hex 25 - Ø 8.6 mm					610	2'	2.37	TOPRBPBPB0610
					915	3'	3.55	TOPRBPBPB0915
					1220	4'	4.73	TOPRBPBPB1220
					1525	5'	5.92	TOPRBPBPB1525
					1830	6'	7.10	TOPRBPBPB1830
					2435	8'	9.45	TOPRBPBPB2435
					3050	10'	11.83	TOPRBPBPB3050
Manchons Couplings		R25 - R25	35	1 3/8"	150	6"	0.60	TOPCABBBBC150
Manchons d'adaptation Reduction Sleeves		R25 - R22	35	1 3/8"	150	6"	0.80	TOPCCBBBAC150
Emmanchement Shank Hex 22 x 108 Hex 22 - Ø 6.7 mm					250	10"	1.20	TOPEAAPBA0250
					1830	6'	6.00	TOPEAAPBA1830
Emmanchement Shank Hex 25 x 108 Hex 25 - Ø 8.6 mm					255	10"	1.30	TOPEABPBB0255
					1200	4'	4.00	TOPEABPBB1200

2.2d Galleries et tunnels R25

R25 Drifting & Tunneling

R25 1"

Description / Description		Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
			mm	in	mm	ft in		
Manchons Couplings		R25 - R25	35	1 3/8"	150	6"	0.60	TOPCABBBBC150
Manchons d'adaptation Reduction Sleeves		R25 - R32	44	1 3/4"	150	6"	1.10	TOPCCBDBBF150
Tiges tunnels Tunneling Rods Hex 25 - Ø 8.6 mm		R25 - R32			2475	8'	9.99	TOPRBPDPB2475
					3090	10'	12.38	TOPRBPDPB3090
					3700	12'	14.74	TOPRBPDPB3700
Emmanchement Shank Hex 22 x 108 Hex 22 - Ø 6.7 mm					250	10"	1.20	TOPEAAPBA0250
					1830	6'	6.00	TOPEAAPBA1830
Emmanchement Shank Hex 25 x 108 Hex 25 - Ø 8.6 mm					255	10"	1.30	TOPEABPBB0255
					1200	4'	4.00	TOPEABPBB1200

R28 1 1/8"

2.3a Taillants à boutons R28 R28 Button Bits



A

Diam. 38 mm

BOUTONS RONDS / DOMED BUTTONS R28 - 1 1/8" DIAM. 38 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
38	A	N	2 - 7 mm	5 - 9 mm	1	2	TOPR0R28038AN

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R28 - 1 1/8" DIAM. 38 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
38	A	N	2 - 7 mm	5 - 9 mm	1	2	TOPB0R28038AN



A

Diam. 41 mm

BOUTONS RONDS / DOMED BUTTONS R28 - 1 1/8" DIAM. 41 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPR0R28041AN
41	B	N	2 - 9 mm	4 - 9 mm	1	2	TOPR0R28041BN

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R28 - 1 1/8" DIAM. 41 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
41	A	N	2 - 8 mm	5 - 9 mm	1	1	TOPB0R28041AN
41	B	N	2 - 9 mm	4 - 9 mm	1	2	TOPB0R28041BN



A

Diam. 43 mm

BOUTONS RONDS / DOMED BUTTONS R28 - 1 1/8" DIAM. 43 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
43	A	N	2 - 9 mm	5 - 9 mm	1	2	TOPR0R28043AN



A



S



A

Diam. 45 mm

BOUTONS RONDS / DOMED BUTTONS R28 - 1/2" DIAM. 45 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
45	A	N	2 - 9 mm	5 - 10 mm	1	2	TOPR0R28045AN
45	S	N	3 - 8 mm	6 - 9 mm	3	-	TOPR0R28045SN

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R28 - 1 1/8" DIAM. 45 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
45	A	N	2 - 9 mm	5 - 10 mm	1	2	TOPB0R28045AN



2.3b Taillants à plaquettes R28

R28 Chisel Bits

R28 1 1/8"



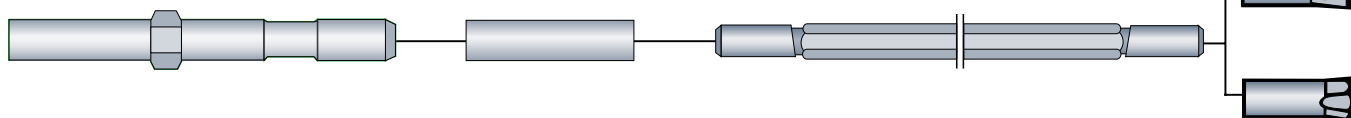
Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
38	1 1/2"	TOPH0R28038CN	TOPH0R28038CR	TOPH0R28038BL	voir photo ci-dessus see picture above
41	1 5/8"	TOPH0R28041CN	TOPH0R28041CR	TOPH0R28041BL	
43	1 11/16"	TOPH0R28043CN	TOPH0R28043CR	TOPH0R28043BL	
45	1 3/4"	TOPH0R28045CN	TOPH0R28045CR	TOPH0R28045BL	
51	2"	TOPH0R28051CN	TOPH0R28051CR	TOPH0R28051BL	

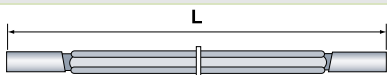
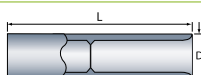
Autres diamètres sur demande / Other diameters on request

2.3c Equipements long trou

Extension Drill Steel

R28 1 1/8"

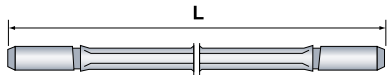
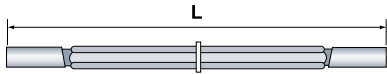
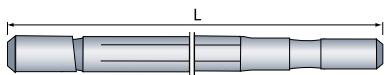


Description / Description		Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
			mm	in	mm	ft in		
Tiges allonges Extension Rods Hex 28 - Ø 8.8 mm					915	3'	4.62	TOPRCPCPC0915
					1220	4'	6.06	TOPRCPCPC1220
					1500	-	7.50	TOPRCPCPC1500
					1525	5'	7.70	TOPRCPCPC1525
					2745	9'	13.86	TOPRCPCPC2745
					3050	10'	15.40	TOPRCPCPC3050
Manchons Couplings		R28 - R28	39	1 1⁄16"	150	6"	0.90	TOPCABCBC150
		R28 - R32	44	1 3⁄4"	150	6"	0.90	TOPCCBCBDF150
		R28 - R38	55	2 3⁄32"	170	6 3⁄4"	1.70	TOPCCBCBF170
		R28 - T38	55	2 3⁄32"	190	7 1⁄2"	2.00	TOPCCBCBG190

2.3d Galleries et tunnels R28

R28 Drifting & Tunneling

R28 1 1/8"

Description / Description		Filetage / Thread	L			Poids / Weight	N° Article / Part No.
			mm	ft	in		
Tiges tunnels Tunneling Rods Hex 28 - Ø 8.8 mm		R32 - R28	3090	10'	1½"	16.11	TOPRCPDPC3090
			3700	12'	1½"	19.19	TOPRCPDPC3700
			4005	13'	1½"	20.73	TOPRCPDPC4005
			4305	14'	1½"	22.25	TOPRCPDPC4305
Tiges tunnels Tunneling Rods Hex 28 - Ø 8.8 mm		R38 - R28	3090	10'	1½"	16.24	TOPRCPFPC3090
			3700	12'	1½"	19.32	TOPRCPFPC3700
			4305	14'	1½"	22.37	TOPRCPFPC4305
Tiges tunnels Tunneling Rods Hex 32 - Ø 9.6 mm		R38 - R28	3090	10'	1½"	20.35	TOPRDPFPC3090
			3700	12'	1½"	24.24	TOPRDPFPC3700
			4305	14'	1½"	28.10	TOPRDPFPC4305



R32 1 1/4"

2.4a Taillants à boutons R32 R32 Button Bits

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 41 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
41	S	N	3 - 9 mm	6 - 9 mm	3	-	TOPR0R32041SN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 41 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
41	A	N	2 - 9 mm	5 - 9 mm	1	1	TOPB0R32041AN

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 43 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
43	S	N	3 - 9 mm	6 - 9 mm	3	-	TOPR0R32043SN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 43 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
43	A	N	2 - 9 mm	5 - 9 mm	1	2	TOPB0R32043AN

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 45 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
45	S	N	3 - 8 mm	6 - 9 mm	3	-	TOPR0R32045SN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 45 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
45	A	N	3 - 8 mm	6 - 10 mm	3	1	TOPB0R32045AN
45	S	N	3 - 8 mm	6 - 9 mm	3	-	TOPB0R32045SN

2.4a Taillants à boutons R32

R32 Button Bits

R32 1 1/4"

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 48 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
48	S	N	3 - 8 mm	6 - 9 mm	3	-	TOPR0R32048SN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 48 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
48	A	N	3 - 8 mm	6 - 9 mm	3	-	TOPB0R32048AN
48	S	N	3 - 8 mm	6 - 9 mm	3	-	TOPB0R32048SN

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 51 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
51	A	R	2 - 10 mm	6 - 10 mm	2	1	TOPR0R32051AR
51	S	N	3 - 9 mm	6 - 10 mm	3	-	TOPR0R32051SN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 51 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
51	A	R	2 - 10 mm	6 - 10 mm	2	1	TOPB0R32051AR
51	S	N	3 - 9 mm	6 - 10 mm	3	-	TOPB0R32051SN

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 57 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
57	A	N	4 - 9 mm	8 - 9 mm	2	1	TOPR0R32057AN
57	A	R	4 - 9 mm	8 - 9 mm	2	1	TOPR0R32057AR
57	S	R	3 - 9 mm	6 - 10 mm	3	-	TOPR0R32057SR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 57 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
57	S	N	3 - 9 mm	6 - 10 mm	3	-	TOPB0R32057SN
57	S	R	3 - 9 mm	6 - 10 mm	3	-	TOPB0R32057SR

R32 1 1/4"

2.4a Taillants à boutons R32 R32 Button Bits



A



D



S

Diam. 60 mm

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 60 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
60	D	R	4 - 10 mm	6 - 11 mm	3	-	TOPR0R32060DR
60	S	N	3 - 10 mm	6 - 11 mm	3	-	TOPR0R32060SN
60	S	R	3 - 10 mm	6 - 11 mm	3	-	TOPR0R32060SR

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 60 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
60	A	R	4 - 10 mm	8 - 11 mm	2	2	TOPB0R32060AR
60	D	R	4 - 10 mm	6 - 11 mm	3	-	TOPB0R32060DR
60	S	N	3 - 10 mm	6 - 11 mm	3	-	TOPB0R32060SN
60	S	R	3 - 10 mm	6 - 11 mm	3	-	TOPB0R32060SR



A



D

Diam. 64 mm

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 64 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
64	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32064AN
64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32064AR
64	D	R	4 - 9 mm	6 - 10 mm	3	-	TOPR0R32064DR

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 64 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
64	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPB0R32064AN
64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R32064AR
64	D	R	4 - 9 mm	6 - 10 mm	3	-	TOPB0R32064DR



A



D

Diam. 66 mm

BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM. 66 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
66	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32066AN
66	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32066AR
66	D	R	4 - 10 mm	6 - 10 mm	3	-	TOPR0R32066DR

BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1 1/4" DIAM. 66 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
66	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R32066AR
66	D	R	4 - 10 mm	6 - 10 mm	3	-	TOPB0R32066DR

2.4a Taillants à boutons R32

R32 Button Bits

R32 1 1/4"

 A  D	Diam. 70 mm	BOUTONS RONDS / DOMED BUTTONS R32 - 1¼" DIAM. 70 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		70	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32070AN
		70	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R32070AR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1¼" DIAM. 70 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
Centre	Gauge				Centre	Gauge			
70	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R32070AR		
70	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPB0R32070DR		

BOUTONS RONDS / DOMED BUTTONS R32 - 1¼" DIAM.76 MM									
 A	Diam. 76 mm	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
				Centre	Gauge	Centre	Gauge		
		76	A	R	5 - 11 mm	9 - 11 mm	3	1	TOPR0R32076AR
		76	B	N	4 - 11 mm	8 - 11 mm	2	2	TOPR0R32076BN
		76	B	R	4 - 11 mm	8 - 11 mm	2	2	TOPR0R32076BR
76	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPR0R32076DR		
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1¼" DIAM. 76 MM									
 B		Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
				Centre	Gauge	Centre	Gauge		
		76	A	R	5 - 11 mm	9 - 11 mm	3	1	TOPB0R32076AR
76	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPB0R32076DR		
 D									

 A  D	Diam. 89 mm	BOUTONS RONDS / DOMED BUTTONS R32 - 1¼" DIAM.89 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPR0R32089AN
		89	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPR0R32089AR
		89	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPR0R32089DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R32 - 1¼" DIAM. 89 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPB0R32089AR
89	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPB0R32089DR		



R32 1 1/4"

2.4a Taillants à boutons R32 R32 Button Bits

Diam. 102 mm	BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM.102 MM							
	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
 A	102	A	N	6 - 10 mm	8 - 10 mm	2	2	TOPR0R320102AN
	102	A	R	6 - 10 mm	8 - 10 mm	2	2	TOPR0R320102AR

Diam. 115 mm	BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM.115 MM							
	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
 A	115	A	R	8 - 10 mm	10 - 10 mm	3	1	TOPR0R320115AR

Diam. 127 mm	BOUTONS RONDS / DOMED BUTTONS R32 - 1 1/4" DIAM.127 MM							
	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
 A	127	A	R	8 - 10 mm	10 - 10 mm	3	1	TOPR0R320127AR

R32 1 1/4"

2.4b Taillants à plaquettes R32 R32 Chisel Bits



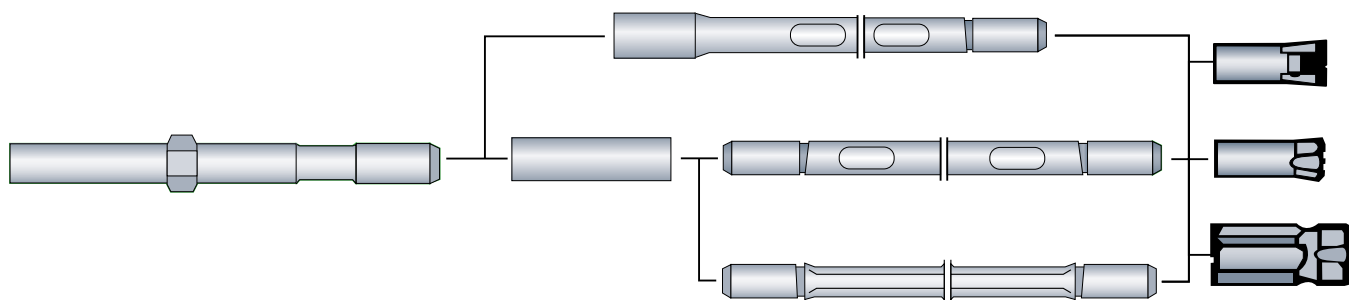
Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
43	1 1/16"	TOPH0R32043CN	TOPH0R32043CR	TOPH0R32043BL	voir photo ci-dessus see picture above
45	1 3/8"	TOPH0R32045CN	TOPH0R32045CR	TOPH0R32045BL	
48	1 7/8"	TOPH0R32048CN	TOPH0R32048CR	TOPH0R32048BL	
51	2"	TOPH0R32051CN	TOPH0R32051CR	TOPH0R32051BL	
57	2 1/4"	TOPH0R32057CN	TOPH0R32057CR	TOPH0R32057BL	
60	2 3/8"	TOPH0R32060CN	TOPH0R32060CR	TOPH0R32060BL	
64	2 1/2"	TOPH0R32064CN	TOPH0R32064CR	TOPH0R32064BL	
66	2 5/8"	TOPH0R32066CN	TOPH0R32066CR	TOPH0R32066BL	
70	2 3/4"	TOPH0R32070CN	TOPH0R32070CR	TOPH0R32070BL	
76	3"	TOPH0R32076CN	TOPH0R32076CR	TOPH0R32076BL	
89	3 1/2"	TOPH0R32089CN	TOPH0R32089CR	TOPH0R32089BL	

Autres diamètres sur demande / Other diameters on request

2.4c Equipements long trou R32

R32 Extension Drill Steel

R32 1 1/4"



Description / Description		L		Poids / Weight	N° Article / PartNo.
		mm	ft in		
Tiges allonges Extension Rods Hex 25 - Ø 8.6 mm		915	3'	3.94	TOPRBPDPD0915
		1220	4'	5.12	TOPRBPDPD1220
		1830	6'	7.49	TOPRBPDPD1830
		2435	8'	9.84	TOPRBPDPD2435
		3050	10'	12.22	TOPRBPDPD3050
Tiges allonges Extension Rods Rd 32 - Ø 11.7 mm		600		3.33	TOPRKPDPD0600
		800		4.44	TOPRKPDPD0800
		915	3'	5.08	TOPRKPDPD0915
		1000		5.55	TOPRKPDPD1000
		1220	4'	6.77	TOPRKPDPD1220
		1500		8.33	TOPRKPDPD1500
		1525	5'	8.46	TOPRKPDPD1525
		1830	6'	10.16	TOPRKPDPD1830
		2000		11.10	TOPRKPDPD2000
		2435	8'	13.51	TOPRKPDPD2435
		3050	10'	16.93	TOPRKPDPD3050
		3660	12'	20.31	TOPRKPDPD3660
		4265	14'	23.67	TOPRKPDPD4265
MF-Tiges allonges MF-Extension Rods Hex 32 - Ø 9.6 mm		915	3'	6.02	TOPRKBPD0915
		1220	4'	7.87	TOPRKBPD1220
		1500		9.56	TOPRKBPD1500
		1525	5'	9.71	TOPRKBPD1525
		1830	6'	11.56	TOPRKBPD1830
		2200		13.79	TOPRKBPD2200
		2490		15.55	TOPRKBPD2490
		3050	10'	19.94	TOPRKBPD3050
		3660	12'	22.63	TOPRKBPD3660
Emmanchement Shank Hex 25 x 108 - Ø 8.6 mm		255	10"	1.80	TOPEABPDB0255
		460	18"	3.25	TOPEABPDB0460

Description / Description	Filetage / Thread	D		L		Poids / Weight	N° Article / PartNo.
		mm	in	mm	in		
Manchons Couplings	R32 - R32	44	1 3/4"	150	6"	0.90	TOPCABDBDF150
Manchons avec nervure centrale Full Bridge Coupling	R32 - R32	44	1 3/4"	200	7 7/8"	1.55	TOPCDBDBDF200
Manchons d'adaptation Reduction Sleeves	R32 - R25	44	1 3/4"	150	6"	1.10	TOPCCBDBBF150
	R32 - R38	55	2 1/8"	160	6"	1.90	TOPCCBDBFI160
Manchons d'adaptation Bit Adapters	R32 - R38	45	1 25/32"	270	11"	2.20	TOPCFBDPFG270
	R32 - T38	45	1 25/32"	270	11"	2.10	TOPCFBDPGG270
Cote sur plats 25.4/31.8 / Wrench width 25.4/31.8							
Manchons d'adaptation Bit Adapters	R32 - R25	44	1 3/4"	185	6 9/32"	1.20	TOPCFBBPDF185
	R32 - R38	39	1 5/16"	250	10"	1.60	TOPCFBBPDE250
Cote sur plats 25.4 / Wrench width 25.4							
Manchons d'adaptation Bit Adapters	R32 - R38	38	1 1/2"	300	11 13/16"	1.90	TOPCEFPDB300
Cote sur plats 31.8 / Wrench width 31.8							

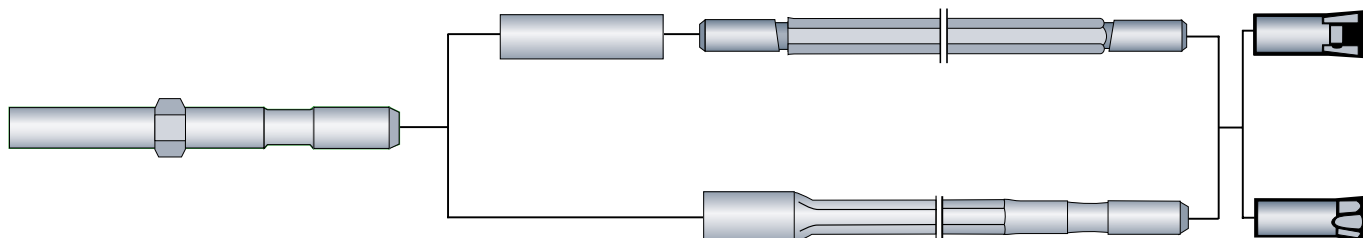




R32 1 1/4"

2.4d Galeries et tunnels R32

R32 Drifting & Tunneling



Description / Description	Filetage / Thread	D mm	in	L mm	in	Poids / Weight	N° Article / Part No.
Manchons Couplings	R32 - R32	44	1 3/4"	150	5 7/8"	0.90	TOPCABDBDF150
Manchons avec nervure centrale Full Bridge Coupling	R32 - R32	44	1 3/4"	200	7 7/8"	1.55	TOPCDBDBDF200
Manchons d'adaptation Reduction Sleeves	R32 - R38	55	2 1/2"	160	6 3/4"	1.90	TOPCCBDBFI160

Description / Description	Filetage / Thread	L mm	ft	in	Poids / Weight	N° Article / Part No.
Tiges tunnels Tunneling Rods	R32 - R32	2475	8'	1 1/2"	15.79	TOPRDPDPD2475
Hex 32 - Ø 9.6 mm		3090	10'	1 1/2"	19.71	TOPRDPDPD3090
		3700	12'	1 1/2"	23.61	TOPRDPDPD3700
		4305	14'	1 1/2"	27.47	TOPRDPDPD4305
Tiges tunnels Tunneling Rods	R38 - R32	3090	10'	1 1/2"	20.35	TOPRDPFPD3090
Hex 32 - Ø 9.6 mm		3700	12'	1 1/2"	24.24	TOPRDPFPD3700
		4005	13'	1 1/2"	26.19	TOPRDPFPD4005
		4305	14'	1 1/2"	28.10	TOPRDPFPD4305
		4610	15'	1 1/2"	30.05	TOPRDPFPD4610
		4915	16'	1 1/2"	32.00	TOPRDPFPD4915
Tiges tunnels Tunneling Rods	R38 - R32	3090	10'	1 3/8"	25.41	TOPREPFPD3090
Hex 35 - Ø 9.5 mm		3700	12'	1 1/2"	29.94	TOPREPFPD3700
		4305	14'	1 1/2"	34.71	TOPREPFPD4305
		4915	16'	1 1/2"	39.52	TOPREPFPD4915
		5525	18'	1 1/2"	44.33	TOPREPFPD5525
Tiges tunnels Tunneling Rods	T38 - R32	3090	10'	1 1/2"	18.00	TOPRDPGPD3090
Hex 32 - Ø 9.6 mm		3700	12'	1 1/2"	21.50	TOPRDPGPD3700
		4305	14'	1 1/2"	28.10	TOPRDPGPD4305
Tiges tunnels Tunneling Rods	T38 - R32	3700	10'	1 1/2"	29.94	TOPREPGPD3700
Hex 35 - Ø 9.5 mm		4305	14'	1 1/2"	34.71	TOPREPGPD4305
		4915	16'	1 1/2"	39.52	TOPREPGPD4915
		5530	18'	1 3/8"	44.36	TOPREPGPD5530

2.5a Taillants à boutons R38

R38 Button Bits

R38 1 1/2"

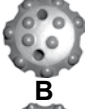
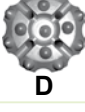
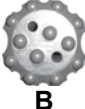
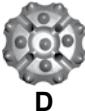
BOUTONS RONDS / DOMED BUTTONS R38 - 1 1/2" DIAM. 60 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
60	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38060AR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1 1/2" DIAM. 60 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
60	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R38060AR
60	D	R	4 - 10 mm	6 - 10 mm	3	-	TOPB0R38060DR

BOUTONS RONDS / DOMED BUTTONS R38 - 1 1/2" DIAM. 64 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
64	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38064AN
64	D	N	4 - 9 mm	6 - 10 mm	3	-	TOPR0R38064DN
64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38064AR
64	B	R	3 - 10 mm	6 - 12 mm	1	2	TOPR0R38064BR
64	D	R	4 - 9 mm	6 - 10 mm	3	-	TOPR0R38064DR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1 1/2" DIAM. 64 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R38064AR
64	D	R	4 - 9 mm	6 - 10 mm	3	-	TOPB0R38064DR

BOUTONS RONDS / DOMED BUTTONS R38 - 1 1/2" DIAM. 66 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
66	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38066AN
66	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38066AR
66	D	R	4 - 10 mm	6 - 10 mm	3	-	TOPR0R38066DR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1 1/2" DIAM. 66 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
66	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R38066AR
66	D	R	4 - 10 mm	6 - 10 mm	3	-	TOPB0R38066DR

R38 1 1/2"

2.5a Taillants à boutons R38 R38 Button Bits

 A	Diam. 70 mm	BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 70 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		70	B	N	4 - 10 mm	7 - 11 mm	2	1	TOPR0R38070BN
		70	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0R38070AR
 B	Diam. 70 mm	70	B	R	4 - 10 mm	7 - 11 mm	2	1	TOPR0R38070BR
		70	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPR0R38070DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 70 MM							
Diam.		Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
				Centre	Gauge	Centre	Gauge		
 D	Diam. 70 mm	70	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPB0R38070AR
		70	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPB0R38070DR
		BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 76 MM							
Diam.		Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
				Centre	Gauge	Centre	Gauge		
 A	Diam. 76 mm	76	D	N	5 - 10 mm	8 - 10 mm	4	-	TOPR0R38076DN
		76	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPR0R38076AR
		76	B	R	4 - 11 mm	8 - 11 mm	2	2	TOPR0R38076BR
		76	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPR0R38076DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 76 MM							
 B	Diam. 76 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		76	B	N	4 - 11 mm	8 - 11 mm	2	2	TOPB0R38076BN
		76	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPB0R38076AR
		76	D	R	5 - 10 mm	8 - 10 mm	4	-	TOPB0R38076DR
 D	Diam. 76 mm	BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 85 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
85		A	N	5 - 13 mm	9 - 13 mm	3	1	TOPR0R38085AN	
BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 89 MM									
 A	Diam. 89 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPR0R38089AR
		89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPR0R38089DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 89 MM							
 D	Diam. 89 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPB0R38089AR
		89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPB0R38089DR
		BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 102 MM							
 A	Diam. 102 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		102	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPR0R38102AR
		102	B	N	6 - 12 mm	8 - 14 mm	2	2	TOPR0R38102BN
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 102 MM							
 B	Diam. 102 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		102	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPB0R38102AR

2.5a Taillants à boutons R38

R38 Button Bits

R38 1 1/2"



A

Diam. 115 mm

BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 115 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
115	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPR0R38115AR	
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 115 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
115	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPB0R38115AR	



A



A

Diam. 127 mm

BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 127 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
127	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPR0R38127AR	
BOUTONS BALISTIQUES / BALLISTIC BUTTONS R38 - 1½" DIAM. 127 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
127	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPB0R38127AR	



A

Diam. 170 mm

BOUTONS RONDS / DOMED BUTTONS R38 - 1½" DIAM. 170 MM								
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.	
			Centre	Gauge	Centre	Gauge		
170	A	N	6 - 11 mm	14 - 12 mm	2	-	TOPR0R38170AN	

2.5b Taillants à plaquettes R38

R38 Chisel Bits

R38 1 1/2"



Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retracted Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
60	2 3/8"	TOPH0R38060CN	TOPH0R38060CR	TOPH0R38060BL	voir photo ci-dessus see picture above
64	2 1/2"	TOPH0R38064CN	TOPH0R38064CR	TOPH0R38064BL	
66	2 5/8"	TOPH0R38066CN	TOPH0R38066CR	TOPH0R38066BL	
70	2 3/4"	TOPH0R38070CN	TOPH0R38070CR	TOPH0R38070BL	
76	3"	TOPH0R38076CN	TOPH0R38076CR	TOPH0R38076BL	
89	3 1/2"	TOPH0R38089CN	TOPH0R38089CR	TOPH0R38089BL	
102	4"	TOPH0R38102CN	TOPH0R38102CR	TOPH0R38102BL	
115	4 1/2"	TOPH0R38115CN	TOPH0R38115CR	TOPH0R38115BL	
127	5"	TOPH0R38127CN	TOPH0R38127CR	TOPH0R38127BL	

Autres diamètres sur demande / Other diameters on request



+33 (0)3 81 41 30 33



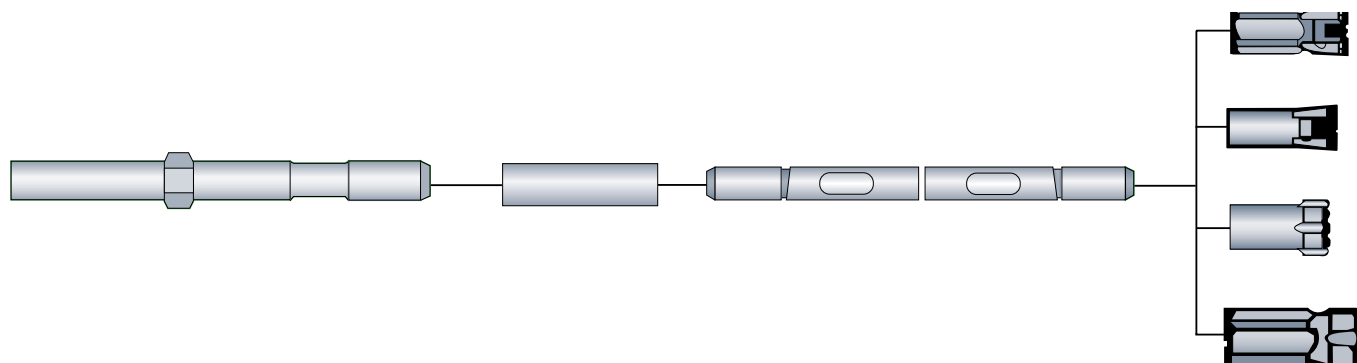
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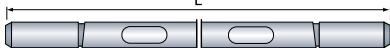
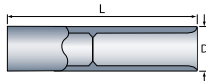
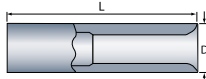
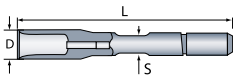
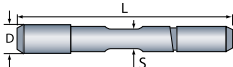


R38 1 1/2"

2.5c Equipements long trou R38

R38 Extension Drill Steel



Description / Description		Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
			mm	in	mm	ft in		
Tiges allonges Extension Rods Rd 39 / Ø 14.5 mm					915	3'	7.39	TOPRLPFPF0915
					1000		8.08	TOPRLPFPF1000
					1220	4'	9.86	TOPRLPFPF1220
					1500		12.12	TOPRLPFPF1500
					1525	5'	13.32	TOPRLPFPF1525
					1830	6'	14.79	TOPRLPFPF1830
					2000		16.16	TOPRLPFPF2000
					2435	8'	19.67	TOPRLPFPF2435
					3050	10'	24.64	TOPRLPFPF3050
					3660	12'	29.57	TOPRLPFPF3660
					4265	14'	34.46	TOPRLPFPF4265
Manchons Couplings		R38 - R38	55	2 1/2"	170	6 11/16"	1.80	TOPCABFBFI170
Manchons d'adaptation Reduction Sleeves		R38 - R32	55	2 3/32"	160	6 5/16"	1.90	TOPCCBDBFI160
		R38 - T38	55	2 1/2"	170	6 11/16"	1.80	TOPCCBFBGI170
Manchons d'adaptation Bit Adapters		R38 - R32	55	2 3/32"	280	11"	2.30	TOPCFBFPDI280
		R38 - T38	55	2 1/2"	280	11"	2.90	TOPCFBFBGI280
Cote sur plats 25.4/31.8 / Wrench width 25.4/31.8								
Manchons d'adaptation Bit Adapters		R38 - R32	38	1 1/2"	300	11 3/16"	1.90	TOPCEFPDPB300
		R38 - T38	39	1 1/16"	290	11 13/32"	2.00	TOPCEFPDGE290
Cote sur plats 31.8 / Wrench width 31.8								

2.6a Taillants à boutons T38

T38 Button Bits

T38 1 1/2"

 S	Diam. 60 mm	BOUTONS RONDS / DOMED BUTTONS T38 - 1½" DIAM.60 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		60	S	R	3 - 10 mm	6 - 10 mm	3	-	TOPR0T38060SR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T38 - 1½" DIAM. 60 MM							
 A	Diam. 64 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		64	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0T38064AN
		64	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0T38064AR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T38 - 1½" DIAM. 64 MM							
 A	Diam. 70 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		70	A	N	4 - 10 mm	8 - 10 mm	2	2	TOPR0T38070AN
		70	B	N	4 - 10 mm	7 - 12 mm	2	1	TOPR0T38070BN
		70	A	R	4 - 10 mm	8 - 10 mm	2	2	TOPR0T38070AR
 A	Diam. 76 mm	BOUTONS RONDS / DOMED BUTTONS T38 - 1½" DIAM. 76 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		76	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPR0T38076AN
		76	D	N	5 - 11 mm	8 - 11 mm	4	-	TOPR0T38076DN
		76	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPR0T38076AR
		76	D	R	5 - 11 mm	8 - 11 mm	4	-	TOPR0T38076DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T38 - 1½" DIAM. 76 MM							
 D	Diam. 85 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		85	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPB0T38085AN

T38 1 1/2"

2.6a Taillants à boutons T38 T38 Button Bits



A

Diam. 89 mm

BOUTONS ROUNDS / DOMED BUTTONS T38 - 1½" DIAM. 89 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
89	A	N	5 - 12 mm	9 - 12 mm	3	1	TOPR0T38089AN
89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPR0T38089AR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS T38 - 1½" DIAM. 89 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
89	A	N	5 - 12 mm	9 - 12 mm	3	1	TOPB0T38089AN
89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPB0T38089AR



A



B

Diam. 102 mm

BOUTONS ROUNDS / DOMED BUTTONS T38 - 1½" DIAM. 102 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
102	A	N	8 - 11 mm	10 - 12 mm	3	1	TOPR0T380102AN
102	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPR0T380102AR
102	B	N	6 - 12 mm	8 - 14 mm	2	2	TOPR0T380102BN
BOUTONS BALISTIQUES / BALLISTIC BUTTONS T38 - 1½" DIAM. 102 MM							
Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
102	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPB0T380102AR
102	B	N	6 - 12 mm	8 - 14 mm	2	2	TOPB0T380102BN

T38 1 1/2"

2.6b Taillants à plaquettes T38 T38 Chisel Bits



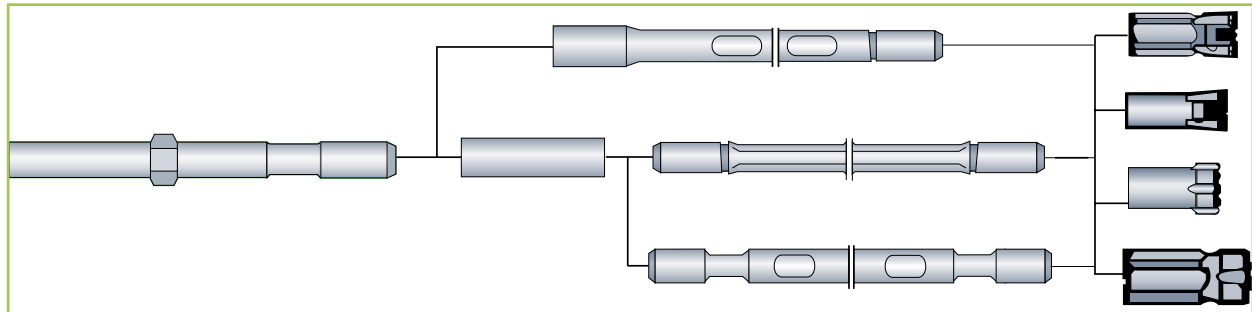
Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
60	2 1/8"	TOPH0T38060CN	TOPH0T38060CR	TOPH0R38060BL	voir photo ci-dessus see picture above
64	2 1/2"	TOPH0T38064CN	TOPH0T38064CR	TOPH0R38064BL	
66	2 5/8"	TOPH0T38066CN	TOPH0T38066CR	TOPH0R38066BL	
70	2 3/4"	TOPH0T38070CN	TOPH0T38070CR	TOPH0R38070BL	
76	3"	TOPH0T38076CN	TOPH0T38076CR	TOPH0R38076BL	
89	3 1/2"	TOPH0T38089CN	TOPH0T38089CR	TOPH0R38089BL	
102	4"	TOPH0T38102CN	TOPH0T38102CR	TOPH0R38102BL	
115	4 1/2"	TOPH0T38115CN	TOPH0T38115CR	TOPH0R38115BL	
127	5"	TOPH0T38127CN	TOPH0T38127CR	TOPH0R38127BL	

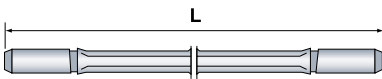
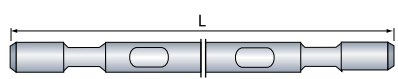
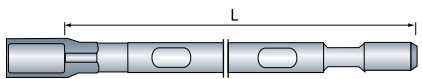
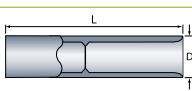
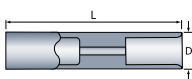
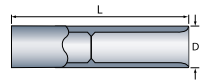
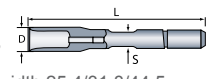
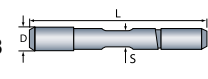
Autres diamètres sur demande / Other diameters on request

2.6c Equipements long trou T38

T38 Extension Drill Steel

T38 1 1/2"



Description / Description	Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
		mm	in	mm	in		
Tiges allonges Extension Rods				915 1220 1830 2435 3050 3660	3' 4' 6' 8' 10' 12'	6.79 8.74 12.63 16.49 20.42 24.31	TOPRDPGPG0915 TOPRDPGPG1220 TOPRDPGPG1830 TOPRDPGPG2435 TOPRDPGPG3050 TOPRDPGPG3660
							
Hex 32 - Ø 9.6 mm							
Tiges allonges Extension Rods				1220 1830 2000 2435 3050 3660 4265 4875	4' 6' 6' 7" 8' 10' 12' 14' 16'	9.96 14.79 16.16 19.67 24.64 29.57 34.46 39.39	TOPRLPGPG1220 TOPRLPGPG1830 TOPRLPGPG2000 TOPRLPGPG2435 TOPRLPGPG3050 TOPRLPGPG3660 TOPRLPGPG4265 TOPRLPGPG4875
							
Rd 39 - Ø 14.5 mm							
MF-Tiges allonges MF-Extension Rods				1220 1525 1830 3050 3660 4265	4' 5' 6' 10' 12' 14'	10.67 13.13 15.59 25.45 30.38 35.27	TOPRLBGP1220 TOPRLBGP1525 TOPRLBGP1830 TOPRLBGP3050 TOPRLBGP3660 TOPRLBGP4265
							
Rd 39 - Ø 14.5 mm							
Manchons Couplings							
							
T38 - T38		55	2 5/32"	190	7 1/2"	2.00	TOPCABGBG1190
Manchons avec nervure centrale Full Bridge Coupling							
							
T38		55	2 5/32"	205	8 1/8"	2.35	TOPCDBGBG1205
Manchons d'adaptation Reduction Sleeves							
							
T38		55	2 5/32"	160	6 1/4"	2.00	TOPCCBGBD1160
		55	2 5/32"	180	7"	1.80	TOPCCBGBF1180
		63	2 15/32"	195	7 5/8"	2.80	TOPCCBHBGK195
Manchons d'adaptation Bit Adapters							
							
T38		55	2 5/32"	280	11"	2.30	TOPCFBGPDI280
		55	2 5/32"	280	11"	2.60	TOPCFBGPFI280
		55	2 5/32"	310	12 1/4"	3.60	TOPCFBGPHI310
Cote sur plats 25.4/31.8/44.5 / Wrench width 25.4/31.8/44.5							
Manchons d'adaptation Bit Adapters							
							
T38		32	1 1/4"	255	10"	1.50	TOPCEPGPDB255
		39	1 5/16"	290	11 3/8"	2.00	TOPCEPFPGE290
Cote sur plats 45 / Wrench width 45							



T45 1³/₄"

2.7a Taillants à boutons T45 T45 Button Bits



A



D

Diam. 76 mm

BOUTONS RONDS / DOMED BUTTONS T45 - 1³/₄" DIAM. 76 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
76	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPR0T45076AN
76	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPR0T45076AR

BOUTONS BALISTIQUES / BALLISTIC BUTTONS T45 - 1³/₄" DIAM. 76 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
76	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPB0T45076AN
76	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPB0T45076AR
76	D	R	5 - 11 mm	8 - 11 mm	4	-	TOPB0T45076DR



A

Diam. 84 mm

BOUTONS RONDS / DOMED BUTTONS T45 - 1³/₄" DIAM. 84 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
84	A	R	5 - 10 mm	9 - 10 mm	3	1	TOPR0T45084AR



A

Diam. 87 mm

BOUTONS RONDS / DOMED BUTTONS T45 - 1³/₄" DIAM. 87 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
87	A	N	5 - 10 mm	9 - 10 mm	3	1	TOPR0T45087AN



A



D

Diam. 89 mm

BOUTONS RONDS / DOMED BUTTONS T45 - 1³/₄" DIAM. 89 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
89	A	N	5 - 12 mm	9 - 12 mm	3	1	TOPR0T45089AN
89	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPR0T45089DN
89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPR0T45089AR
89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPR0T45089DR

BOUTONS BALISTIQUES / BALLISTIC BUTTONS T45 - 1³/₄" DIAM. 89 MM

Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
			Centre	Gauge	Centre	Gauge	
89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPB0T45089AR
89	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPB0T45089DN
89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPB0T45089DR

2.7a Taillants à boutons T45

T45 Button Bits

T45 1³/₄"

BOUTONS RONDS / DOMED BUTTONS T45 - 1 ³ / ₄ " DIAM. 102 MM								
Diam. 102 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
	102	B	N	6 - 12 mm	8 - 14 mm	2	2	TOPR0T45102BN
	102	D	N	5 - 12 mm	8 - 12 mm	4	-	TOPR0T45102DN
	102	B	R	6 - 12 mm	8 - 14 mm	2	2	TOPR0T45102BR
Diam. 102 mm	102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPR0T45102DR
	BOUTONS BALISTIQUES / BALLISTIC BUTTONS T45 - 1 ³ / ₄ " DIAM. 102 MM							
	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
	102	A	R	8 - 14 mm	10 - 14 mm	3	1	TOPB0T45102AR
Diam. 102 mm	102	D	N	5 - 12 mm	8 - 12 mm	4	-	TOPB0T45102DN
	102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPB0T45102DR

BOUTONS RONDS / DOMED BUTTONS T45 - 1 ³ / ₄ " DIAM. 115 MM								
Diam. 115 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
				Centre	Gauge	Centre	Gauge	
	115	A	R	8 - 14 mm	10 - 14 mm	3	1	TOPR0T45115AR
	BOUTONS BALISTIQUES / BALLISTIC BUTTONS T45 - 1 ³ / ₄ " DIAM. 115 MM							
	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
Diam. 115 mm				Centre	Gauge	Centre	Gauge	
	115	A	R	8 - 14 mm	10 - 14 mm	3	1	TOPB0T45115AR
	115	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPB0T45115DR

2.7b Taillants à plaquettes T45

T45 Chisel Bits

T45 1³/₄"



Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
70	2 ³ / ₄ "	TOPH0T45070CN	TOPH0T45070CR	TOPH0T45070BL	voir photo ci-dessus
76	3"	TOPH0T45076CN	TOPH0T45076CR	TOPH0T45076BL	see picture above
89	3 ¹ / ₂ "	TOPH0T45089CN	TOPH0T45089CR	TOPH0T45089BL	
102	4"	TOPH0T45102CN	TOPH0T45102CR	TOPH0T45102BL	
115	4 ¹ / ₂ "	TOPH0T45115CN	TOPH0T45115CR	TOPH0T45115BL	
127	5"	TOPH0T45127CN	TOPH0T45127CR	TOPH0T45127BL	

Autres diamètres sur demande / Other diameters on request



+33 (0)3 81 41 30 33



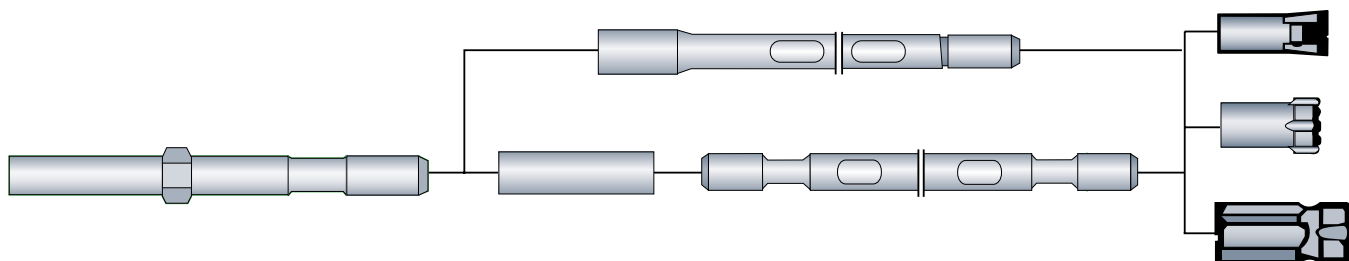
datc@datc-group.com



T45 1³/₄"

2.7c Equipements long trou T45

T45 Extension Drill Steel



Description / Description	Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
		mm	in	mm	in		
Tiges allonges Extension Rods				1000 1500 2000 3050 3660 4265	3' 3" 6' 7" 10' 12' 14'	11.15 16.73 22.30 34.01 40.81 47.55	TOPRMPHPH1000 TOPRMPHPH1500 TOPRMPHPH2000 TOPRMPHPH3050 TOPRMPHPH3660 TOPRMPHPH4265
Rd 46 - Ø 17 mm							
MF-Tiges allonges MF-Extension Rods				3050 3660	10' 12'	35.18 41.98	TOPRMBBPH3050 TOPRMBBPH3660
Rd 46 - Ø 17 mm							
Manchons Couplings							
Manchons avec nervure centrale Full Bridge Coupling							
Manchons d'adaptation Reduction Sleeves							
Manchons d'adaptation Bit Adapters							
Cote sur plats 44.5 / Wrench Width 44.5							
Manchons d'adaptation Bit Adapters							
Cote sur plats 38.1 / Wrench Width 38.1							

2.8a Taillants à boutons T51

T51 Button Bits

T51 2"

BOUTONS RONDS / DOMED BUTTONS T51 - 2" DIAM. 89 MM									
 A	Diam. 89 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	N	5 - 12 mm	9 - 12 mm	3	1	TOPR0T51089AN
		89	B	N	5 - 12 mm	8 - 14 mm	2	2	TOPR0T51089BN
		89	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPR0T51089DN
		89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPR0T51089AR
		89	B	R	5 - 12 mm	8 - 14 mm	2	2	TOPR0T51089BR
		89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPR0T51089DR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS T51 - 2" DIAM. 89 MM									
 D	Diam. 89 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		89	A	R	5 - 12 mm	9 - 12 mm	3	1	TOPB0T51089AR
		89	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPB0T51089DN
		89	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPB0T51089DR

 A  B  D	Diam. 102 mm	BOUTONS RONDS / DOMED BUTTONS T51 - 2" DIAM. 102 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		102	A	N	8 - 11 mm	10 - 12 mm	3	1	TOPR0T51102AN
		102	B	R	6 - 12 mm	8 - 14 mm	2	2	TOPR0T51102BR
		102	D	N	5 - 12 mm	8 - 12 mm	4	-	TOPR0T51102DN
		102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPR0T51102DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T51 - 2" DIAM. 102 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
	102	A	R	8 - 11 mm	10 - 12 mm	3	1	TOPB0T51102AR	
	102	B	R	6 - 12 mm	8 - 14 mm	2	2	TOPB0T51102BR	
	102	D	N	5 - 12 mm	8 - 12 mm	4	-	TOPB0T51102DN	
	102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPB0T51102DR	

 A	 D	Diam. 115 mm	BOUTONS ROUNDS / DOMED BUTTONS T51 - 2" DIAM. 115 MM							
			Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
						Centre	Gauge	Centre	Gauge	
			115	A	R	8 - 14 mm	10 - 14 mm	3	1	TOPR0T51115AR
BOUTONS BALISTIQUES / BALLISTIC BUTTONS T51 - 2" DIAM. 115 MM										
			Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
						Centre	Gauge	Centre	Gauge	
			115	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPB0T51115DN

BOUTONS ROUNDS / DOMED BUTTONS T51 - 2" DIAM. 127 MM									
 A	Diam. 127 mm	Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
		127	A	N	Centre	Gauge	Centre	Gauge	
					4 - 16 mm	12 - 16 mm	2	1	
TOPR0T51127AN									



FORAGE AU MARTEAU HORS TROU

TOP HAMMER DRILLING

T51 2"

2.8b Taillants à plaquettes T51

T51 Chisel Bits



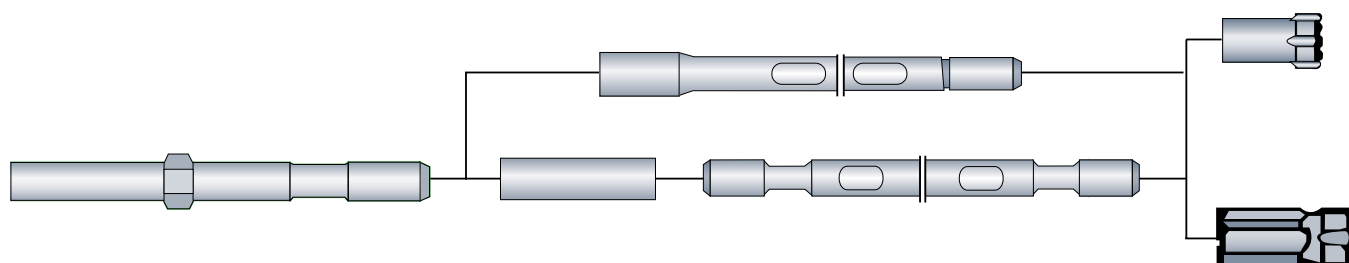
Diam. mm	Diam. in.	OUTILS EN CROIX Corps Normal CROSS BIT Normal Body	OUTILS EN CROIX Corps Rétro CROSS BIT Retract Body	OUTILS BI-LÈVRES Corps Normal 2-WING Normal Body	OUTILS TRI-LÈVRES 3-WING bit sur demande on request
89	3½"	TOPH0T51089CN	TOPH0T51089CR	TOPH0T51089BL	voir photo ci-dessus
102	4"	TOPH0T51102CN	TOPH0T51102CR	TOPH0T51102BL	see picture above
115	4½"	TOPH0T51115CN	TOPH0T51115CR	TOPH0T51115BL	
127	5"	TOPH0T51127CN	TOPH0T51127CR	TOPH0T51127BL	

Autres diamètres sur demande / Other diameters on request

T51 2"

2.8c Equipements long trou T51

T51 Extension Drill Steel



Description / Description	Filetage / Thread	D		L		Poids / Weight	N° Article / Part No.
		mm	in	mm	in		
Tiges allonges Extension Rods				3050 3660 4265	10' 12' 14'	42.24 50.69 59.07	TOPRNPIPI3050 TOPRNPIPI3660 TOPRNPIPI4265
Rd 52 - Ø 21.5 mm							
MF-Tiges allonges MF-Extension Rods				1830 3660	6' 12'	26.80 52.15	TOPRNBIP1830 TOPRNBIP13660
Rd 52 - Ø 21.5 mm							
Manchons Couplings							
T51	T51 - T51 T51 - T51	72 76	2⅞" 3"	225 225	8⅞" 8⅞"	3.90 4.65	TOPCABIBIM225 TOPCABIBIN225
Cote sur plats R 45 / Wrench width R 45							
Manchons avec nervure centrale Full Bridge Coupling							
T51	T51 - T51 T51 - T51	72 76	2⅞" 3"	240 240	9½" 9½"	4.65 5.50	TOPCDBIBIM240 TOPCDBIBIN240
Manchons d'adaptation Bit Adapters							
T51	T51 - T45	72	2⅞"	285	11¼"	4.30	TOPCFBIPHM285



2.9a Taillants à boutons T60 T60 Button Bits

T60

 D	Diam. 92 mm	BOUTONS RONDS / DOMED BUTTONS T60 DIAM. 92 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		92	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPR0T60092DN
		92	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPR0T60092DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T60 DIAM. 92 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		92	D	N	5 - 11 mm	8 - 12 mm	4	-	TOPB0T60092DN
		92	D	R	5 - 11 mm	8 - 12 mm	4	-	TOPB0T60092DR
 D	Diam. 102 mm	BOUTONS RONDS / DOMED BUTTONS T60 DIAM. 102 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		102	D	N	5 - 12 mm	8 - 12 mm	4	-	TOPR0T60102DN
		102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPR0T60102DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T60 DIAM. 102 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		102	D	N	5 - 13 mm	8 - 12 mm	4	-	TOPB0T60102DN
		102	D	R	5 - 12 mm	8 - 12 mm	4	-	TOPB0T60102DR
 D	Diam. 115 mm	BOUTONS RONDS / DOMED BUTTONS T60 DIAM. 115 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		115	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60115DN
		115	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60115DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T60 DIAM. 115 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		115	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60115DN
		115	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60115DR
 D	Diam. 127 mm	BOUTONS RONDS / DOMED BUTTONS T60 DIAM. 127 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		127	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60127DN
		127	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60127DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T60 DIAM. 127 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		127	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60127DN
		127	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60127DR
 D	Diam. 140 mm	BOUTONS RONDS / DOMED BUTTONS T60 DIAM. 140 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		140	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60140DN
		140	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPR0T60140DR
		BOUTONS BALISTIQUES / BALLISTIC BUTTONS T60 DIAM. 140 MM							
		Diam.	Face	Corps / Body	Boutons / Buttons		Circulation / Flushing		N°Art / Part No.
					Centre	Gauge	Centre	Gauge	
		140	D	N	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60140DN
		140	D	R	5 - 14 mm	8 - 14 mm	4	-	TOPB0T60140DR

