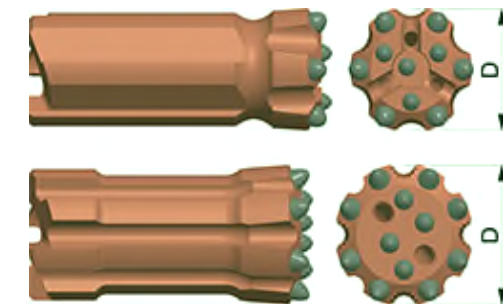
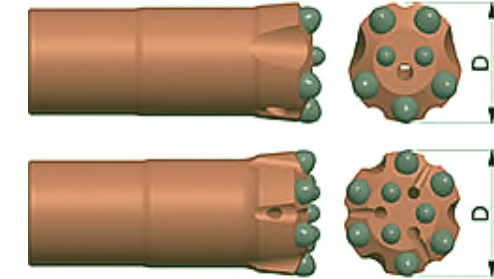
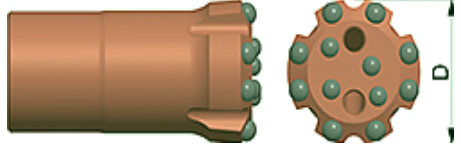


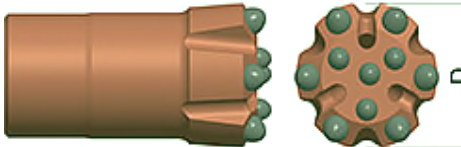


Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Button Bit Regular R22 (7/8") Rope Thread								
1	R22-FL-Bit-38-G4-F2-S	38	1-1/2"	4	2	Flat	Spherical	
2	R22-FL-Bit-38-G5-F2-S	38	1-1/2"	5	2	Flat	Spherical	
3	R22-FL-Bit-41-G5-F2-S	41	1-5/8"	5	2	Flat	Spherical	
4	R22-FL-Bit-48-G5-F2-S	48	1-7/8"	5	2	Flat	Spherical	
Button Bit Regular R25 (1") Rope Thread								
1	R25-FL-Bit-33-G5-F2-S	33	1 5/16"	5	2	Flat	Spherical	
2	R25-FL-Bit-35-G5-F2-S	35	1 3/8"	5	2	Flat	Spherical	
3	R25-FL-Bit-35-G5-F2-S	35	1 3/8"	5	2	Flat	Spherical	
4	R25-FL-Bit-38-G5-F2-S	38	1 1/2"	5	2	Flat	Spherical	
5	R25-FL-Bit-38-G5-F2-S	38	1 1/2"	5	2	Flat	Spherical	
6	R25-FL-Bit-41-G5-F2-S	41	1 5/8"	5	2	Flat	Spherical	
7	R25-FL-Bit-45-G5-F2-S	45	1 3/4"	5	2	Flat	Spherical	
8	R25-FL-Bit-45-G6-F3-P	45	1 3/4"	6	3	Flat	Parabolic	
9	R25-FL-Bit-48-G6-F3-S	48	1 7/8"	6	3	Flat	Spherical	
10	R25-FL-Bit-51-G6-F3-S	51	2"	6	3	Flat	Spherical	
Button Bit Retract-R25 (1") Rope Thread								
1	R25-FL-Bit-51-G6-F3-S-R	51	2"	6	3	Flat	Spherical	
2	R25-FL-Bit-51-G6-F3-S-R	51	2"	6	3	Flat	Spherical	
Button Bit Regular R28 (1") Rope Thread								
1	R28-FL-Bit-38-G5-F2-S	38	1-1/2"	5	2	Flat	Spherical	
2	R28-FL-Bit-41-G5-F2-S	41	1-5/8"	5	2	Flat	Spherical	
3	R28-FL-Bit-48-G6-F3-S	48	1 7/8"	6	3	Flat	Spherical	
4	R28-FL-Bit-48-G6-F3-P	48	1 7/8"	6	3	Flat	Parabolic	
5	R28-FL-Bit-51-G6-F3-S	51	2"	6	3	Flat	Spherical	

Threaded Bits							
Sr.No.	Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design
		mm	Inches				
Button Bit Regular							
R32 (1- 1/4") Rope Thread							
1	R32-FL-Bit-41-G5-F2-S	41	1 5/8"	5	2	Flat	Spherical
2	R32-FL-Bit-43-G6-F3-S	43	1 11/16"	6	3	Flat	Spherical
3	R32-FL-Bit-43-G5-F2-S	43	1 11/16"	5	2	Flat	Spherical
4	R32-FL-Bit-45-G6-F3-S	45	1 3/4"	6	3	Flat	Spherical
5	R32-FL-Bit-45-G5-F2-S	45	1 3/4"	5	2	Flat	Spherical
6	R32-FL-Bit-48-G5-F2-S	48	1 7/8"	5	2	Flat	Spherical
7	R32-FL-Bit-48-G6-F3-S	48	1 7/8"	6	3	Flat	Spherical
8	R32-FL-Bit-51-G6-F3-S	51	2"	6	3	Flat	Spherical
9	R32-FL-Bit-51-G6-F2-S	51	2"	6	2	Flat	Spherical
10	R32-FL-Bit-57-G6-F3-S	57	2 1/4"	6	3	Flat	Spherical
11	R32-FL-Bit-60-G6-F3-S	60	2 3/8"	6	3	Flat	Spherical
12	R32-FL-Bit-60-G6-F3-S	60	2 3/8"	6	3	Flat	Spherical
13	R32-FL-Bit-64-G8-F4-S	64	2 1/2"	8	4	Flat	Spherical
14	R32-FL-Bit-64-G6-F3-S	64	2 1/2"	6	3	Flat	Spherical
15	R32-FL-Bit-76-G8-F4-S	76	3"	8	4	Flat	Spherical
16	R32-FL-Bit-76-G8-F5-D	76	3"	8	5	Flat	Spherical & Parabolic
17	R32-FL-Bit-102-G8-F6-S	102	4"	8	6	Flat	Spherical
18	R32-FL-Bit-106-G8-F6-S	106	4 1/6"	8	6	Flat	Spherical
Button Bit Retract							
R32 (1- 1/4") Rope Thread							
1	R32-FL-Bit-45-G6-F3-P-R	45	1 3/4"	6	3	Flat	Parabolic
2	R32-FL-Bit-51-G6-F3-S-R	51	2"	6	3	Flat	Spherical
3	R32-FL-Bit-51-G6-F3-S-R	51	2"	6	3	Flat	Spherical
4	R32-FL-Bit-57-G6-F3-S-R	57	2 1/4"	6	3	Flat	Spherical
5	R32-FL-Bit-60-G6-F4-P-R	60	2 3/8"	6	4	Flat	Parabolic
6	R32-FL-Bit-64-G6-F3-S-R	64	2 1/2"	6	3	Flat	Spherical
7	R32-FL-Bit-64-G6-F4-P-R	64	2 1/2"	6	4	Flat	Parabolic
8	R32-FL-Bit-64-G6-F4-S-R	64	2 1/2"	6	4	Flat	Spherical
9	R32-FL-Bit-64-G8-F4-S-R	64	2 1/2"	8	4	Flat	Spherical



Threaded Bits								
Sr.No.	Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Button Bit Regular								
R38 (1- 1/2") Rope Thread								
1	R38-FL-Bit-64-G8-F4-S	64	2-1/2"	8	4	Flat Face	Spherical	
2	R38-FL-Bit-64-G8-F4-S	64	2 1/2"	8	4	Flat Face	Spherical	
3	R38-FL-Bit-70-G6-F4-P	70	2 3/4"	6	4	Flat Face	Parabolic	
4	R38-FL-Bit-76-G4-F2-S	76	3"	4	2	Flat Face	Spherical	
Button Bit Retract								
R38 (1- 1/2") Rope Thread								
1	R38-FL-Bit-64-G6-F3-S	64	2 1/2"	6	3	Flat Face	Spherical	
2	R38-FL-Bit-64-G6-F4-P	68	2 2/3"	6	4	Flat Face	Parabolic	
3	R38-FL-Bit-64-G8-F7-P	115	4 1/2"	8	7	Drop Centre	Parabolic	
Button Bit Regular								
T35 (1- 1/3") Thread								
1	T35-FF-Bit-64-G6-F4-S	51	2"	6	3	Flat Face	Spherical	
2	T35-FF-Bit-64-G6-F4-P	54	2 1/8"	5	2	Flat Face	Parabolic	
Button Bit Regular								
T38 (1- 1/2") Thread								
1	T38-DC-Bit-64-G6-F3-S	64	2 1/2"	6	3	Flat Face	Spherical	
2	T38-DC-Bit-68-G8-F4-S	68	2 2/3"	8	4	Flat Face	Spherical	
3	T38-FL-Bit-70-G7-F4-S	70	2 3/4"	7	4	Flat Face	Spherical	
4	T38-FL-Bit-76-G8-F5-S	76	3"	8	5	Flat Face	Spherical	
5	T38-DC-Bit-76-G7-F4-P	76	3"	7	4	Flat Face	Parabolic	
6	T38-DC-Bit-89-G8-F6-B	89	3 1/2"	8	6	Flat Face	Ballistic	
7	T38-DC-Bit-102-G8-F5-S	102	4"	8	5	Flat Face	Spherical	
8	T38-DC-Bit-127-G8-F7-S	127	5"	8	7	Flat Face	Spherical	

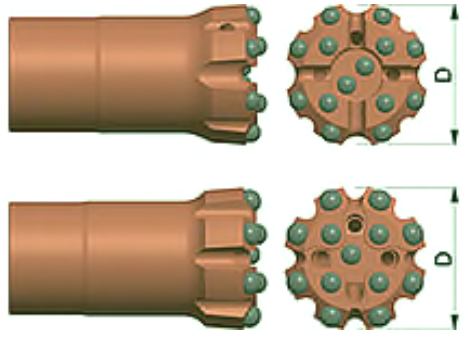
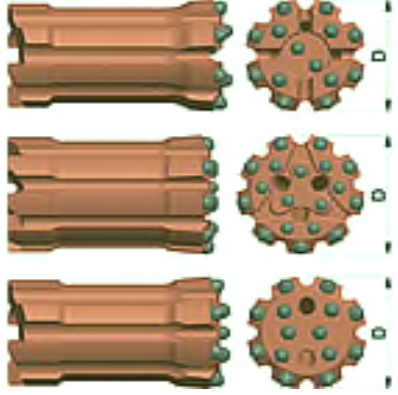


Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Button Bit Retract T38 (1- 1/2") Thread								
1	T38-FL-Bit-64-G6-F3-H-P	64	2 1/2"	6	4	Flat Face	Parabolic	
2	T38-FL-Bit-76-G7-F5-H-P	76	3"	6	4	Flat Face	Parabolic	
3	T38-DC-Bit-76-G6-F4-H-S	76	3"	7	4	Drop Center	Spherical	
4	T38-FL-Bit-89-G8-F6-H-S	76	3"	8	4	Flat Face	Spherical	
5	T38-FL-Bit-95-G8-F6-H-S	89	3 1/2"	9	6	Flat Face	Spherical	
6	T38-DC-Bit-95-G8-F4-H-P	95	3 3/4"	8	6	Drop Center	Parabolic	
7	T38-DC-Bit-105-G8-F6-H-P	105	4 1/6"	8	6	Drop Center	Parabolic	
Button Bit Regular T45 (1- 3/4") Thread								
1	T45-FL-Bit-70-G7-F4-S	70	2 3/4"	7	4	Flat Face	Spherical	
2	T45-FL-Bit-76-G7-F5-P	76	3"	7	5	Flat Face	Parabolic	
3	T45-FL-Bit-76-G8-F5-S/P	76	3"	8	5	Drop Center	Spherical & Parabolic	
4	T45-FL-Bit-76-G8-F5-S	76	3"	8	5	Flat Face	Spherical	
5	T45-FL-Bit-85-G8-F6-S	85	3 11/32"	8	6	Flat Face	Spherical	
6	T45-FL-Bit-89-G6-F5-B	89	3 1/2"	6	5	Flat Face	Ballistic	
7	T45-FL-Bit-89-G8-F6-B	89	3 1/2"	8	6	Flat Face	Ballistic	
8	T45-DC-Bit-89-G9-F6-S	89	3 1/2"	9	6	Flat Face	Spherical	
9	T45-DC-Bit-102-G8-F6-S	102	4"	8	6	Flat Face	Spherical	
10	T45-DC-Bit-102-G9-F7-S	102	4"	9	7	Flat Face	Spherical	
11	T45-FL-Bit-105-G8-F6-S	105	4 1/6"	8	6	Drop Center	Spherical	
12	T45-FL-Bit-115-G8-F8-S	115	4 1/2"	8	8	Drop Center	Spherical	
13	T45-FL-Bit-115-G9-F9-S	115	4 1/2"	9	9	Flat Fac	Spherical	

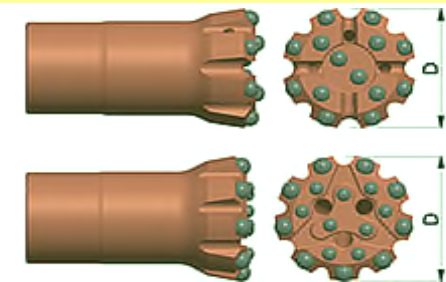
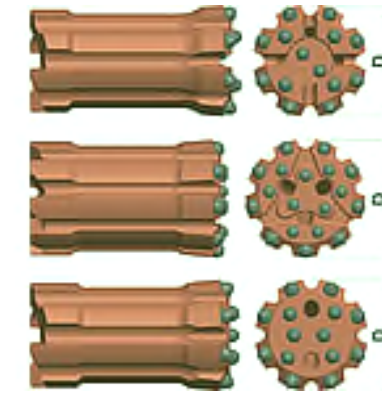


Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design
		mm	Inches				
Button Bit Retract T45 (1- 3/4") Thread							
1	T45-FL-Bit-76-G8-F4-S-R	76	3"	8	4	Flat Face	Spherical
2	T45-FL-Bit-76-G8-F5-S-R	76	3"	8	5	Flat Face	Spherical
3	T45-FL-Bit-89-G8-F6-S-R	89	3 1/2"	8	6	Flat Face	Spherical
4	T45-FL-Bit-89-G8-F4-2-P-R	89	3 1/2"	8	4,2	Flat Face	Parabolic
5	T45-FL-Bit-95-G8-F6-P-R	95	3 3/4"	8	6	Flat Face	Parabolic
6	T45-FL-Bit-102-G8-F7-S-R	102	4"	8	7	Flat Face	Spherical
7	T45-DC-Bit-102-G8-F4-2-S-R	102	4"	8	4,2	Drop Center	Spherical
8	T45-FL-Bit-105-G8-F6-P-R	105	4 1/6"	8	6	Flat Face	Parabolic
9	T45-DC-Bit-107-G8-F6-P-R	107	4 1/6"	8	6	Drop Center	Parabolic
10	T45-FL-Bit-110-G8-F7-P-R	110	4 1/3"	8	7	Flat Face	Parabolic
11	T45-FL-Bit-115-G8-F6-P-R	115	4 1/2"	8	6	Flat Face	Parabolic
12	T45-FL-Bit-127-G8-F7-P-R	127	5"	8	7	Flat Face	Parabolic
13	T45-DC-Bit-140-G8-F7-P-R	140	5 1/2"	8	7	Drop Center	Parabolic
14	T45-DC-Bit-140-G9-F9-P-R	140	5 1/2"	9	9	Drop Center	Parabolic
15	T45-DC-Bit-146-G8-F8-P-R	146	5 3/4"	8	8	Drop Center	Parabolic
16	T45-DC-Bit-146-G9-F9-P-R	146	5 3/4"	9	9	Drop Center	Parabolic
17	T45-DC-Bit-152-G9-F6-4-P-R	152	6"	9	6,4	Drop Center	Parabolic
18	T45-DC-Bit-152-G8-F8-P-R	152	6"	8	8	Drop Center	Parabolic




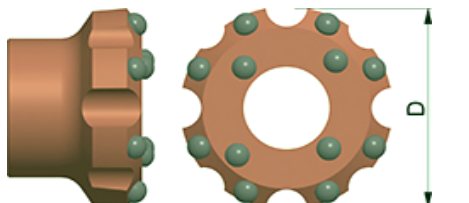



Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Button Bit Regular T 51(2") Thread								
1	T51-FL-Bit-89-G6-F5-S	89	3 1/2"	6	5	Flat Face	Spherical	
2	T51-FL-Bit-89-G8-F6-P	89	3 1/2"	8	6	Flat Face	Parabolic	
3	T51-DC-Bit-89-G8-F6-S	89	3 1/2"	8	6	Drop Centre	Spherical	
4	T51-DC-Bit-89-G9-F6-S	89	3 1/2"	9	6	Drop Centre	Spherical	
5	T51-DC-Bit-102-G9-F9-S	102	4"	9	9	Drop Centre	Spherical	
6	T51-FL-Bit-102-G8-F6-P	102	4"	8	6	Flat Face	Parabolic	
7	T51-FL-Bit-102-G6-F4-P	102	4"	6	4	Flat Face	Parabolic	
8	T51-DC-Bit-102-G8-F6-S	102	4"	8	6	Drop Centre	Spherical	
9	T51-DC-Bit-102-G8-F6-S/M	102	4"	8	6	Drop Centre	Spherical	
10	T51-FL-Bit-115-G10-F7-S	115	4 1/2"	10	7	Flat Face	Spherical	
11	T51-FL-Bit-115-G8-F7-S	115	4 1/2"	8	7	Flat Face	Spherical	
12	T51-DC-Bit-115-G8-F6-S	115	4 1/2"	8	6	Drop Centre	Spherical	
13	T51-FL-Bit-115-G7-F5-S	115	4 1/2"	7	5	Flat Face	Spherical	
14	T51-DC-Bit-127-G8-F6-S	127	5"	8	6	Drop Centre	Spherical	
15	T51-FL-Bit-127-G8-F7-S	127	5"	8	7	Flat Face	Spherical	
16	T51-FL-Bit-127-G8-F6-P	127	5"	8	6	Flat Face	Parabolic	
17	T51-DC-Bit-140-G8-F8-S	140	5 1/2"	8	8	Flat Face	Spherical	
18	T51-FL-Bit-140-G8-F4-4-S	152	6"	8	4,4	Flat Face	Spherical	
Button Bit Retract T 51(2") Thread								
1	T51-FL-Bit-89-G6-F6-B-R	89	3 1/2"	6	6	Flat Face	Ballistic	
2	T51-DC-Bit-89-G6-F5-S-R	89	3 1/2"	6	5	Drop Centre	Spherical	
3	T51-FL-Bit-89-G8-F6-S-R	89	3 1/2"	8	6	Flat Face	Spherical	
4	T51-FL-Bit-89-G8-F6-S-R	89	3 1/2"	8	6	Flat Face	Spherical	
5	T51-FL-Bit-89-G8-F4-2-P-R	89	3 1/2"	8	4,2	Flat Face	Parabolic	
6	T51-FL-Bit-89-G9-F6-S-R	89	3 1/2"	9	6	Flat Face	Spherical	
7	T51-FL-Bit-92-G8-F6-P-R	92	3 5/8"	8	6	Flat Face	Parabolic	
8	T51-FL-Bit-95-G9-F6-S-R	95	3 3/4"	9	6	Flat Face	Spherical	
9	T51-DC-Bit-102-G8-F4-S-R	102	4"	8	4	Flat Face	Spherical	

Threaded Bits							
Sr.No.	Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design
		mm	Inches				
Button Bit Retract T 51(2") Thread							
10	T51-DC-Bit-102-G8-F6-B-R	102	4"	8	6	Flat Face	Ballistic
11	T51-DC-Bit-102-G8-F7-P-R	102	4"	8	7	Flat Face	Parabolic
12	T51-DC-Bit-102-G9-F6-P-R	102	4"	9	6	Flat Face	Parabolic
13	T51-DC-Bit-102-G9-F9-S-R	102	4"	9	9	Flat Face	Spherical
14	T51-DC-Bit-105-G8-F6-P-R	105	4 1/6"	8	6	Drop Center	Parabolic
15	T51-DC-Bit-107-G8-F6-P-R	107	4 1/6"	8	6	Drop Center	Parabolic
16	T51-DC-Bit-115-G8-F4-2-S-R	115	4 1/2"	8	4,2	Drop Center	Spherical
17	T51-FL-Bit-115-G8-F8-S-R	115	4 1/2"	8	8	Flat Face	Spherical
18	T51-FL-Bit-115-G8-F6-S-R	115	4 1/2"	8	6	Flat Face	Spherical
19	T51-FL-Bit-127-G8-F6-P-R	127	5"	8	6	Flat Face	Parabolic
20	T51-DC-Bit-127-G8-F7-P-R	127	5"	8	7	Drop Center	Parabolic
21	T51-DC-Bit-140-G8-F7-P-R	140	5 1/2"	8	7	Drop Center	Parabolic
22	T51-DC-Bit-146-G8-F8-P-R	146	5 3/4"	8	8	Drop Center	Parabolic
23	T51-FL-Bit-146-G9-F9-P-R	146	5 3/4"	9	9	Flat Face	Parabolic
24	T51-DC-Bit-152-G8-F8-P-R	152	6"	8	8	Drop Center	Parabolic
Button Bit Regular T 60 (2 5/16") Thread							
1	T60-DC-Bit-92-G8-F6-S	92	3-5/8"	8	6	Drop Center	Spherical
2	T60-DC-Bit-102-G8-F6-S	102	4"	8	6	Drop Center	Spherical
3	T60-DC-Bit-115-G8-F6-S	115	4-1/2"	8	6	Drop Center	Spherical
4	T60-DC-Bit-127-G8-F7-S	127	5"	8	7	Drop Center	Spherical



Sr.No.	Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Threaded Bits								
T 60 (2 5/16") Thread								
Button Bit Retract T 60 (2 5/16") Thread								
1	T60-FL-Bit-92-G8-F6-P-R	92	3-5/8"	8	6	Flat Face	Parabolic	
2	T60-DC-Bit-92-G8-F6-P-R	92	3-5/8"	8	6	Drop Center	Parabolic	
3	T60-FL-Bit-102-G8-F7-S-R	102	4"	8	7	Flat Face	Spherical	
4	T60-DC-Bit-102-G8-F6-S-R	102	4"	8	6	Drop Center	Spherical	
5	T60-FL-Bit-115-G8-F8-P-R	115	4-1/2"	8	8	Flat Face	Parabolic	
6	T60-DC-Bit-115-G8-F7-P-R	115	4-1/2"	8	7	Drop Center	Parabolic	
7	T60-FL-Bit-127-G8-F7-P-R	127	5"	8	7	Flat Face	Parabolic	
Button Bit Retract								
ST 58 Thread Bit								
1	ST58-DC-Bit-89-G8-F5-P-R	89	3 1/2"	8	5	Drop Center	Parabolic	
2	ST58-DC-Bit-89-G8-F4-2-S-R	89	3 1/2"	8	4;2	Drop Center	Spherical	
3	ST58-DC-Bit-102-G10-F8-P-R	102	4"	10	8	Drop Center	Parabolic	
4	ST58-DC-Bit-115-G10-F8-S-R	115	4 1/2"	10	8	Drop Center	Spherical	
5	ST58-DC-Bit-127-G8-F7-S-R	127	5"	8	7	Drop Center	Spherical	
Button Bit Regular								
ST 61 Thread Bit								
1	ST61-DC-Bit-115-G8-F6-S	115	4 1/2"	8	6	Drop Center	Spherical	
2	ST61-DC-Bit-115-G9-F10-S	115	4 1/2"	9	10	Drop Center	Spherical	
3	ST61-DC-Bit-140-G8-F8-S	140	5 1/2"	8	8	Drop Center	Spherical	
4	ST61-DC-Bit-140-G10-F6-S	140	5 1/2"	10	6	Drop Center	Spherical	
5	ST61-DC-Bit-140-G12-F10-S	140	5 1/2"	12	10	Drop Center	Spherical	

Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design	
		mm	Inches					
Button Bit Retract ST 61 Thread Bit								
1	ST61-DC-Bit-92-G6-F3-2-B-R	92	3 5/8"	6	3,2	Drop Center	Ballistic	
2	ST61-DC-Bit-92-G8-F4-2-S-R	92	3 5/8"	8	4,2	Drop Center	Spherical	
3	ST61-DC-Bit-92-G9-F8-B-R	92	3 5/8"	9	8	Drop Center	Ballistic	
4	ST61-DC-Bit-102-G9-F6-S-R	102	4"	9	6	Drop Center	Spherical	
5	ST61-DC-Bit-102-G8-F4-2-S-R	102	4"	8	4,2	Drop Center	Spherical	
6	ST61-DC-Bit-102-G9-F9-S-R	102	4"	9	9	Drop Center	Spherical	
7	ST61-DC-Bit-115-G9-F6-S-R	115	4 1/2"	9	6	Drop Center	Spherical	
8	ST61-DC-Bit-115-G9-F10-P-R	115	4 1/2"	9	10	Drop Center	Parabolic	
9	ST61-DC-Bit-127-G9-F7-S-R	127	5"	9	7	Drop Center	Spherical	
10	ST61-DC-Bit-127-G9-F6-4-P-R	127	5"	9	6,4	Drop Center	Parabolic	
11	ST61-DC-Bit-140-G9-F10-S-R	140	5 1/2"	9	10	Drop Center	Spherical	
12	ST61-DC-Bit-152-G12-F10-S-R	152	6"	12	10	Drop Center	Spherical	
Button Bit Retract ST 68 Thread Bit								
1	ST68-DC-Bit-89-G8-F5-P-R	89	3 1/2"	8	5	Drop Center	Parabolic	
2	ST68-DC-Bit-102-G10-F8-P-R	102	4"	10	8	Drop Center	Parabolic	
3	ST68-DC-Bit-115-G10-F8-S-R	115	4 1/2"	10	8	Drop Center	Spherical	
4	ST68-DC-Bit-127-G8-F7-S-R	127	5"	8	7	Drop Center	Spherical	
Reaming Bits 12° Taper								
1	HO1-BIT-12-89-G8-F4-H	89	3-1/2"	8	4	Reamer Type	Spherical	
2	HO1-BIT-12-102-G8-F4-H	102	4"	8	4	Reamer Type	Spherical	
Pilot Adaptor 12° Taper R32								
1	PA-BIT-12-40-S	40	1 4/7"	-	-	Pilot Adaptor	Straight Type	



Sr.No.	Threaded Bits Scan Rock Traders Part Number	Diameter		Button Qty Gauge	Face	Bit Face Configuration	Carbide Button Design
		mm	Inches				
Dome Reaming Bit -ST58 Thread Bit							
1	HO2-ST58-89-G8-F4	89	3-1/2"	8	8	Reamer Type	76
2	HO2-ST58-102-G9-F10	102	4"	9	10		80
Dome Reaming -ST68 Thread Bit							
1	HO3-ST68-89-G8-F8	89	3-1/2"	8	8	Reamer Type	76
2	HO3-ST68-102-G9-F10	102	4"	9	10		80

