

ADVANCED
EQUIPMENT 先进设备

















TESTING
Equipment 检测设备















凿岩钎具 Rock drilling tools



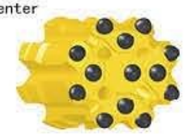
矿用工具 mining tools

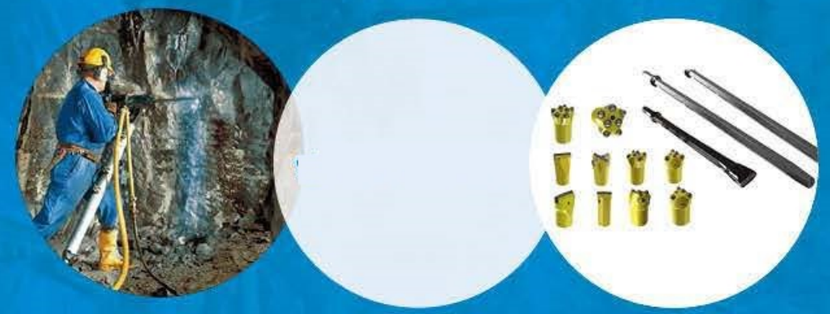


合金类型 Button bit insert types

合金设计 Button type	应用 Applications
低冠球齿 Spherical button 	·普遍使用合金 Universal button ·耐磨性好 Wearing resistance good ·非常适用硬岩 Best suited to hard ground ·27,000-48,000 PSI (180 to 320 MPa) ·适用腐蚀岩层 Abrasive to very abrasive
高冠球齿 Hemispherical button 	·普遍使用合金 Universal button ·耐磨性好 Wearing resistance good ·非常适用硬岩 Best suited to hard ground ·25,000-45,000 PSI (170 to 300 MPa) ·适用腐蚀岩层 Abrasive to very abrasive
抛物线齿 Parabolic button 	·普遍使用合金 Universal button ·进尺速度快 Fast penetration ·非常适用中硬岩 Best suited to medium to hard rock ·15,000-25,000 PSI (100 to 170 MPa) ·适用中等腐蚀岩层 Mildly abrasive ground
锥型齿 Conical button 	·进尺速度快 Fast penetration ·多用于小直径钎头 Best suited for smaller diameter bits ·适用非腐蚀岩层 Suited for all non-abrasive ground types
弹头齿 Ballistic button 	·进尺速度快 Fast penetration ·适用软岩 Best suited to soft rock ·10,000-20,000 PSI (70 to 140 MPa) ·适用非腐蚀岩层 Non abrasive ground

钎头设计 Bit face designs

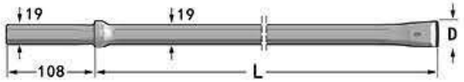
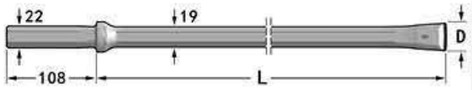
面部设计 Face	应用 Applications
短库体球齿 Button bit, short skirt 	· 适用于H22钎杆 For H22 drill rod
长库体球齿 Button bit, long skirt 	· 适用于H22钎杆 For H22 drill rod
普通球齿 Button bit 	· 一般用途钎头 General purpose bit
易返球齿，长翼 Retrac button bit, long skirt 	· 适用裂缝岩石，不易卡钎 Design to provide easy removal and completion of bit in adverse hole conditions
易返球齿，短翼 Retrac button bit, short skirt 	· 适用裂缝岩石，不易卡钎 Design to provide easy removal and completion of bit in adverse hole conditions
平面 Flat face 	· 一般用途钎头 General purpose bit · 适用中硬岩 Suited for medium to hard rock
凹心 Drop center 	· 钻孔直线度好 Straight hole application · 适用中硬岩 Suited for medium to hard rock
半凹心 New drop center 	· 钻孔直线度好 Straight hole application · 适用中硬岩 Suited for medium to hard rock



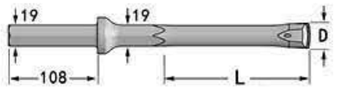
小孔凿岩钎具
SMALL HOLE DRILLING

		Page
H19 Integral drill steels	H19整体钎	10
Plug hole integral steels	采石整体钎	11
H22 Integral drill steels	H22整体钎	12
Tapered tools 7°	7° 锥度钎具	03
Tapered tools 11°	11° 锥度钎具	15
Tapered tools 12°	12° 锥度钎具	17
Shoulder drive drilling	肩冲式钎具	19

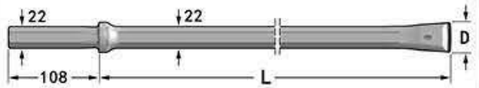
19mm

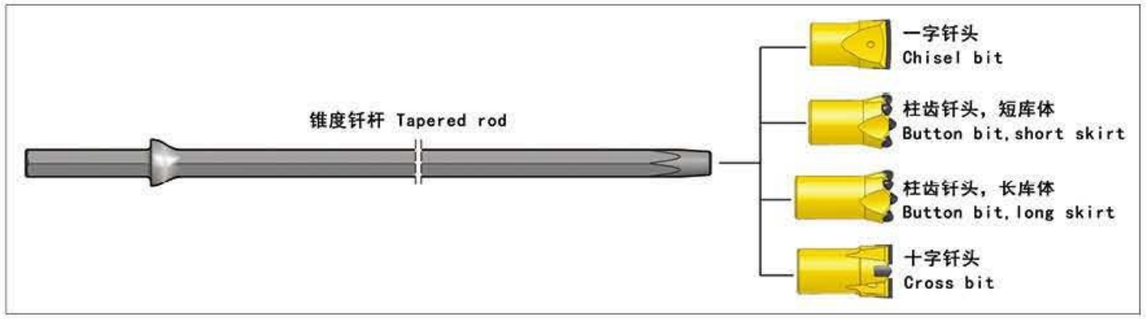
长度 Length 毫米 mm	长度 Length 英尺 foot	钎头直径 Bit dia.	重量 Weight approx kg	三力型号 SANLYTOLS P/N
一字钎头整体钎 Chisel bit integral 钎柄 19mm×108mm Shank 19mm×108mm 				
400	1'4"	29	1.3	5H19-291508-0400-40-2
500	1'8"	29	1.5	5H19-291508-0500-40-2
800	2'7"	28	2.2	5H19-281508-0800-40-2
1000	3'33/8"	28	2.6	5H19-281508-1000-40-2
1200	3'11"	27	3.0	5H19-271508-1200-40-2
1600	5'3"	27	3.9	5H19-271508-1600-40-2
2400	7'10"	26	5.7	5H19-261508-2400-40-2
3200	10'6"	25	7.5	5H19-251508-3200-40-2
4000	13'1"	24	9.2	5H19-251508-4000-40-2
400	1'4"	24	1.3	5H19-241508-0400-40-2
800	2'7"	23	2.2	5H19-231508-0800-40-2
600	2'	27	1.7	5H19-271508-0600-40-2
1200	3'11"	26	3.0	5H19-261508-1200-40-2
2000	6'7"	24	4.8	5H19-241508-2000-40-2
2400	7'10"	24	5.7	5H19-241508-2400-40-2
2700	8'10"	24	6.3	5H19-241508-2700-40-2
400	1'4"	35	1.3	5H19-351810-0400-40-2
800	2'7"	34	2.2	5H19-341810-0800-40-2
一字钎头整体钎 Chisel bit integral 钎柄 22mm×108mm Shank 22mm×108mm 				
400	1'4"	24	1.5	5H19-241508-0400-40-2
400	1'4"	29	1.5	5H19-291508-0400-40-2
600	2'	27	1.7	5H19-271508-0600-40-2
800	2'7"	23	2.3	5H19-231508-0800-40-2
800	2'7"	28	2.3	5H19-281508-0800-40-2
1200	3'11"	23	3.2	5H19-231508-1200-40-2
1600	5'3"	27	4.0	5H19-271508-1600-40-2
2000	6'7"	28	5.0	5H19-281508-2000-40-2
2400	7'10"	26	5.8	5H19-261508-2400-40-2
3200	10'6"	25	7.5	5H19-251508-3200-40-2

19mm

长度 Length (mm)	钎头直径 Bit dia.	圆体长度 Turned length	重量 Weight approx kg	三力型号 SANLYTOLS P/N
采石整体钎 Plug hole integral steels 钎柄 19mm×108mm Shank 19mm×108mm 				
210	17	150	0.7	5H19-171308-0210-40-2
210	20	150	0.7	5H19-201308-0210-40-2
210	22	150	0.7	5H19-221308-0210-40-2
260	20	200	0.8	5H19-201308-0260-40-2
260	22	200	0.8	5H19-221308-0260-40-2
310	22	250	0.9	5H19-221308-0310-40-2
340	20	280	1.0	5H19-201308-0340-40-2
钎柄 19mm×82mm Shank 19mm×82mm				
210	20	150	0.7	5H19-201308-0210-40-2
210	22	150	0.7	5H19-221308-0210-40-2

22mm

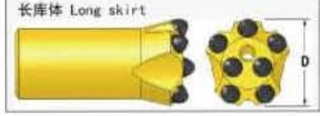
长度 Length 毫米 mm	长度 Length 英尺 Foot	钎头直径 Bit dia.	重量 Weight approx kg	三力型号 SANLYTOLS P/N
一字钎头整体钎 Chisel bit integral 钎柄 22mm×108mm Shank 22mm×108mm 				
800	2'7"	34	3.0	5H22-341810-0800-40-2
1600	5'3"	33	5.2	5H22-331810-1600-40-2
2400	7'10"	32	8.0	5H22-321808-2400-40-2
3200	10'6"	31	10.2	5H22-311808-3200-40-2
4000	13'1"	30	12.9	5H22-301808-4000-40-2
4800	15'9"	29	15.1	5H22-291508-4800-40-2
5600	18'4"	28	17.6	5H22-281508-5600-40-2
6400	21'	27	20.1	5H22-271508-6400-40-2
7200	23'6"	26	22.5	5H22-261508-7200-40-2
800	2'7"	40	3.0	5H22-401810-0800-40-2
1600	5'3"	39	5.2	5H22-391810-1600-40-2
2400	7'10"	38	8.0	5H22-381810-2400-40-2
3200	10'6"	37	10.2	5H22-371810-3200-40-2
4000	13'1"	36	12.9	5H22-361810-4000-40-2
4800	15'9"	35	15.1	5H22-351810-4800-40-2
5600	18'4"	34	17.6	5H22-341810-5600-40-2
6400	21'	33	20.1	5H22-331810-6400-40-2
7200	23'6"	32	22.5	5H22-321808-7200-40-2
8000	26'2"	31	25.0	5H22-311808-8000-40-2
400	1'4"	34	1.7	5H22-341810-0400-40-2
800	2'7"	33	3.0	5H22-331810-0800-40-2
1200	3'11"	32	4.1	5H22-321808-1200-40-2
1600	5'3"	31	5.2	5H22-311808-1600-40-2
2000	6'7"	30	6.7	5H22-301808-2000-40-2
600	2'	41	2.4	5H22-411810-0600-40-2
1200	3'11"	40	4.3	5H22-401810-1200-40-2
1800	5'11"	39	6.2	5H22-391810-1800-40-2
2400	7'10"	38	8.0	5H22-381810-2400-40-2
400	1'4"	41	1.7	5H22-411810-0400-40-2
800	2'7"	29	3.0	5H22-291508-0800-40-2
800	2'7"	38	3.1	5H22-381810-0800-40-2
1200	3'11"	39	4.3	5H22-391810-1200-40-2
1600	5'3"	36	5.2	5H22-361810-1600-40-2
1800	5'11"	36	6.0	5H22-361810-1800-40-2
2000	6'7"	32	6.7	5H22-321808-2000-40-2
2400	7'10"	27	8.0	5H22-271508-2400-40-2
3200	10'6"	27	10.2	5H22-271508-3200-40-2
3200	10'6"	32	10.3	5H22-321808-3200-40-2
6400	21'	30	20.1	5H22-301808-6400-40-2
8000	26'2"	26	25.0	5H22-261508-8000-40-2

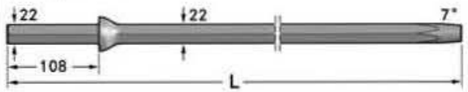
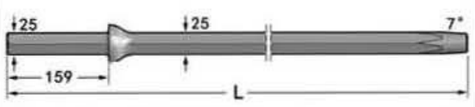


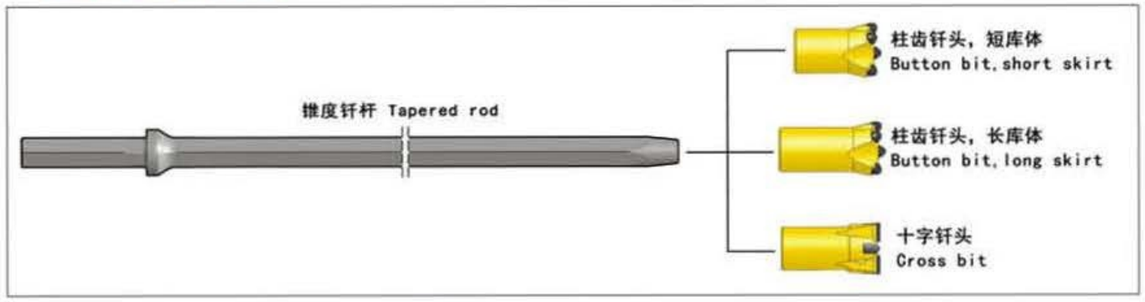
钎头 Drill bit	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	适用岩石等级 For class of rock	合金 Tip size(mm) 高×厚 Height×Width	尾孔锥度 Taper	重量 Weight (kg)	三力型号 SANLYTOLS P/N
一字马蹄形钎头 Horseshoe chisel bit	26	1 1/32	10-14	10×7	7°	0.17	1111-26721-10/7-40-21
	28	1 7/64	10-14	10×7	7°	0.18	1111-28721-10/7-40-21
	30	1 3/16	8-12	13.5×8	7°	0.22	1111-30722-13/8-40-14
	30	1 3/16	10-14	13.5×8	7°	0.22	1111-30722-13/8-40-13
	32	1 1/4	8-12	13.5×8	7°	0.24	1111-32722-13/8-40-14
	32	1 1/4	10-14	13.5×8	7°	0.24	1111-32722-13/8-40-13
	34	1 11/32	8-12	13.5×8	7°	0.27	1111-34722-13/8-40-14
	34	1 11/32	10-14	13.5×8	7°	0.27	1111-34722-13/8-40-13
	36	1 27/64	8-12	13.5×8	7°	0.30	1111-36722-13/8-40-14
	36	1 27/64	10-14	13.5×8	7°	0.30	1111-36722-13/8-40-13
	38	1 1/2	8-12	13.5×8	7°	0.33	1111-38723-13/8-40-14
	38	1 1/2	10-14	13.5×8	7°	0.33	1111-38723-13/8-40-13
	38	1 1/2	8-12	15×9	7°	0.33	1111-38723-15/9-40-14
	38	1 1/2	10-14	15×9	7°	0.33	1111-38723-15/9-40-13
	40	1 37/64	8-12	13.5×9.2	7°	0.38	1111-40723-13/9-40-14
	40	1 37/64	10-14	13.5×9.2	7°	0.38	1111-40723-13/9-40-13
	40	1 37/64	14-16	13.5×9.2	7°	0.38	1111-40723-13/9-40-12
	40	1 37/64	16-18	13.5×9.2	7°	0.38	1111-40723-13/9-40-11
	40	1 37/64	8-12	15×9.8	7°	0.38	1111-40723-15/9-40-14
	40	1 37/64	10-14	15×9.8	7°	0.38	1111-40723-15/9-40-13
	40	1 37/64	14-16	15×9.8	7°	0.38	1111-40723-15/9-40-12
	40	1 37/64	16-18	15×9.8	7°	0.38	1111-40723-15/9-40-11
	42	1 2/3	8-12	13.5×9.2	7°	0.41	1111-42723-13/9-40-14
	42	1 21/32	10-14	13.5×9.2	7°	0.41	1111-42723-13/9-40-13
	42	1 21/32	14-16	13.5×9.2	7°	0.41	1111-42723-13/9-40-12
	42	1 21/32	16-18	13.5×9.2	7°	0.41	1111-42723-13/9-40-11
	42	1 21/32	8-12	15×9.8	7°	0.41	1111-42723-15/9-40-14
	42	1 21/32	10-14	15×9.8	7°	0.41	1111-42723-15/9-40-13
	42	1 21/32	10-14	15×9.8	7°	0.41	1111-42723-15/9-40-12
	42	1 21/32	16-18	15×9.8	7°	0.41	1111-42723-15/9-40-11
	43	1 11/16	8-12	13.5×9.2	7°	0.42	1111-43723-13/9-40-14
	43	1 11/16	10-14	13.5×9.2	7°	0.42	1111-43723-13/9-40-13
	43	1 11/16	8-12	15×9.8	7°	0.42	1111-43723-15/9-40-14
	43	1 11/16	10-14	15×9.8	7°	0.42	1111-43723-15/9-40-13

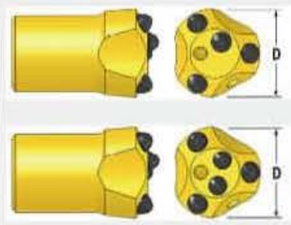
锥度连接钎具 | Tapered rock drilling tools 7°

钎头 Drill bit	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	适用岩石等级 For class of rock	合金 Tip size (mm) 高×厚 Height×Width	尾孔锥度 Taper	重量 Weight (kg)	三力型号 SANLYTOLS P/N
一字形斜刃钎头 Oblique chipways chisel bit	20	25/32	10-14	12×6	4°	0.10	1112-20415-12/6-40-22
	22	55/64	10-14	12×6	4°	0.12	1112-22415-12/6-40-22
	24	15/16	10-14	12×6	4°	0.14	1112-24415-12/6-40-22
	26	1 1/32	10-14	12×6	4°	0.16	1112-26415-12/6-40-22
	28	1 7/64	10-14	13×8	7°	0.19	1112-28722-13/8-40-22
	30	1 3/16	10-14	13.5×8	7°	0.22	1112-30722-13/8-40-22
	32	1 1/4	10-14	13.5×8	7°	0.24	1112-32722-13/8-40-22
	33	1 19/64	10-14	13.5×8	7°	0.25	1112-33722-13/8-40-22
	34	1 11/32	10-14	13.5×8	7°	0.27	1112-34722-13/8-40-22
	36	1 27/64	10-14	13.5×8	7°	0.29	1112-36722-13/8-40-22
	38	1 1/2	10-14	13.5×8	7°	0.34	1112-38723-13/8-40-22
	40	1 37/64	10-14	13.5×9.2	7°	0.40	1112-40723-13/9-40-22
	41	1 5/8	10-14	13.5×9.2	7°	0.41	1112-41723-13/9-40-22
	42	1 21/32	10-14	13.5×9.2	7°	0.43	1112-42723-13/9-40-22
一字形平槽钎头 Flat chipways chisel bit	38	1 1/2	10-14	16×10	7°	0.36	1113-38723-16/10-40-22
	40	1 37/64	10-14	16×10	7°	0.38	1113-40723-16/10-40-22
	41	1 5/8	10-14	16×10	7°	0.41	1113-41723-16/10-40-22
	42	1 21/32	10-14	16×10	7°	0.43	1113-42723-16/10-40-22
	45	1 3/4	10-14	22×16×10	7°	0.60	1113-45723-16/10-40-22
	46	1 3/4	10-14	22×16×10	7°	0.61	1113-46723-16/10-40-22
	48	1 7/8	10-14	22×16×10	7°	0.63	1113-48723-16/10-40-22
	50	1 31/32	10-14	22×16×10	7°	0.65	1113-50723-16/10-40-22
	56	2 1/4	10-14	24×16×10	7°	0.82	1113-56723-16/10-40-22
	60	2 23/64	10-14	26×16×10	7°	0.91	1113-60723-16/10-40-22
	65	2 1/2	10-14	26×16×10	7°	1.12	1113-65723-16/10-40-22
	80	3 1/8	10-14	36×16×10	7°	1.40	1113-80723-16/10-40-22
一字形斜槽钎头 Oblique-flat chipways chisel bit	36	1 27/64	10-14	15×10	7°	0.40	1114-36725-15/10-40-22
	38	1 1/2	10-14	15×10	7°	0.42	1114-38725-15/10-40-22
	40	1 37/64	10-14	15×10	7°	0.45	1114-40725-15/10-40-22
	41	1 5/8	10-14	15×10	7°	0.47	1114-41725-15/10-40-22
	42	1 21/32	10-14	15×10	7°	0.49	1114-42725-15/10-40-22
	43	1 11/16	10-14	15×10	7°	0.51	1114-43725-15/10-40-22
十字形钎头 Cross-type bit	30	1 3/16	11-15	12×12×8	7°	0.29	1221-30722-12/8-40-22
	32	1 1/4	11-15	12×12×8	7°	0.31	1221-32722-12/8-40-22
	33	1 19/64	11-15	12×12×8	7°	0.33	1221-33722-12/8-40-22
	34	1 11/32	11-15	12×12×8	7°	0.34	1221-34722-12/8-40-22
	35	1 3/8	11-15	12×12×8	7°	0.36	1221-35722-12/8-40-22
	36	1 27/64	11-15	13×12×8	7°	0.37	1221-36722-12/8-40-22
	38	1 1/2	11-15	14×12×8	7°	0.43	1221-38723-12/8-40-22
	40	1 37/64	11-15	15×12×8	7°	0.47	1221-40723-12/8-40-22
	41	1 5/8	11-15	15×12×8	7°	0.49	1221-41723-12/8-40-22
	42	1 21/32	11-15	15×12×8	7°	0.51	1221-42723-12/8-40-22
	43	1 11/16	11-15	15×12×8	7°	0.53	1221-43723-12/8-40-22
	45	1 3/4	11-15	17×14×8	7°	0.58	1221-45723-14/8-40-22
	48	1 7/8	11-15	17×14×8	7°	0.67	1221-48723-14/8-40-22
	50	1 31/32	11-15	19×14×8	7°	0.72	1221-50723-14/8-40-22
	55	2 1/4	11-15	20×16×10	7°	0.92	1221-55725-16/10-40-22
	60	2 3/8	11-15	22×16×10	7°	1.19	1221-60725-16/10-40-22

钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿钎头，短库体 Button bit, Short skirt 	32	1 1/4	1×8	3×8	35°	1	1	0.24	1431-32722-18/38-40-53
	33	1 19/64	2×7	5×7	35°	2	1	0.26	1431-33722-27/57-42-53
	34	1 11/32	2×7	4×7	40°	1	1	0.29	1431-34722-27/47-42-53
	35	1 3/8	2×7	5×8	35°	1	1	0.33	1431-35722-27/58-42-53
	36	1 27/64	1×8	3×9	40°	1	1	0.37	1431-36722-18/39-42-53
	36	1 27/64	2×7	5×8	35°	1	1	0.37	1431-36722-27/58-42-53
	38	1 1/2	1×8	3×9	35°	1	1	0.38	1431-38723-18/39-42-53
	38	1 1/2	2×7	5×8	35°	1	1	0.38	1431-38723-27/58-42-53
	38	1 1/2	2×7	5×9	40°	2	1	0.38	1431-38723-27/59-42-53
	40	1 37/64	1×8	3×9	30°	1	1	0.40	1431-40723-18/39-40-53
	40	1 37/64	1×9	3×10	30°	1	1	0.40	1431-40723-19/310-40-53
	40	1 37/64	1×9	3×9	35°	1	1	0.40	1431-40723-19/39-42-53
	40	1 37/64	2×7	5×9	35°	1	1	0.40	1431-40723-27/59-42-53
	42	1 21/32	1×8	3×9	30°	1	1	0.43	1431-42723-18/39-40-53
	42	1 21/32	1×9	3×10	30°	1	1	0.43	1431-42723-19/310-40-53
	42	1 21/32	1×9	3×9	35°	1	1	0.43	1431-42723-19/39-42-53
	42	1 37/64	2×8	5×9	35°	1	1	0.43	1431-42723-28/59-42-53
长库体 Long skirt 	32	1 1/4	2×7	5×7	35°	1	1	0.30	1435-32722-27/57-45-51
	33	1 19/64	2×7	5×7	35°	1	1	0.31	1435-33722-27/57-45-51
	35	1 3/8	2×7	5×8	35°	1	1	0.36	1435-35722-27/58-45-51
	38	1 1/2	2×7	5×9	35°	1	1	0.41	1435-38723-27/59-45-51
	41	1 5/8	2×7	5×9	35°	1	1	0.42	1435-41723-27/59-45-51

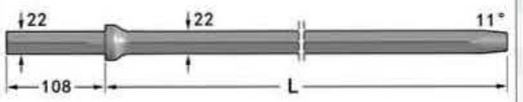
钎杆 Drill rod	长度 Length		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot		
六棱锥度钎杆 Hex. Taperd rod 	600	2'	1.93	21H22-7/108-0600-40
	800	2'6"	2.54	21H22-7/108-0800-40
	1000	3'3"	3.15	21H22-7/108-1000-40
	1200	3'9"	3.76	21H22-7/108-1200-40
	1500	4'11"	4.68	21H22-7/108-1500-40
	1600	5'3"	4.98	21H22-7/108-1600-40
	1800	5'9"	5.59	21H22-7/108-1800-40
	2000	6'7"	6.20	21H22-7/108-2000-40
	2200	7'2"	6.81	21H22-7/108-2200-40
	2300	7'6"	7.12	21H22-7/108-2300-40
	2400	7'9"	7.42	21H22-7/108-2400-40
	2500	8'2"	7.73	21H22-7/108-2500-40
	2600	8'8"	8.03	21H22-7/108-2600-40
	3000	9'10"	9.25	21H22-7/108-3000-40
	3500	11'5"	10.78	21H22-7/108-3500-40
	4000	13'1"	12.30	21H22-7/108-4000-40
	4500	14'8"	13.83	21H22-7/108-4500-40
	5000	16'4"	15.35	21H22-7/108-5000-40
	5500	18'1"	16.88	21H22-7/108-5500-40
	6000	19'7"	18.30	21H22-7/108-6000-40
	4000	13'1"	16.10	21H25-7/159-4000-40
	4700	15'4"	18.90	21H25-7/159-4700-40
	5000	16'4"	22.10	21H25-7/159-5000-40
	5500	18'1"	22.10	21H25-7/159-5500-40
	6000	19'7"	24.10	21H25-7/159-6000-40



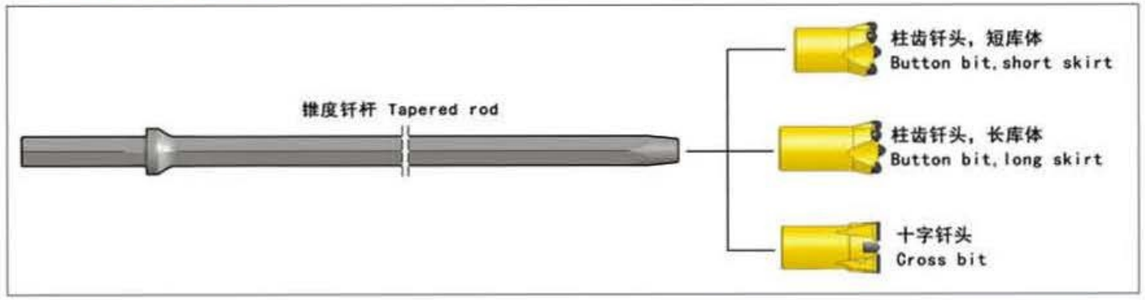
钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿钎头，短库体 Button bit, Short skirt 	32	1 1/4	1×8	3×8	35°	1	2	0.24	1431-321122-18/38-45-51
	32	1 1/4	2×7	5×7	40°	1	1	0.24	1431-321122-27/57-45-51
	33	1 19/64	2×7	4×7	40°	1	1	0.25	1431-331122-27/47-45-51
	34	1 11/32	2×7	4×7	40°	1	1	0.29	1431-341122-27/47-45-51
	35	1 3/8	2×7	5×7	35°	1	1	0.33	1431-351122-27/57-45-51
	35	1 3/8	2×7	5×8	35°	1	1	0.33	1431-351122-27/58-45-51
	36	1 27/64	1×8	3×9	40°	1	1	0.36	1431-361122-18/39-45-51
	36	1 27/64	2×7	4×7	40°	1	1	0.36	1431-361122-27/47-45-51
	36	1 27/64	2×7	5×8	35°	1	1	0.36	1431-361122-27/58-45-51
	38	1 1/2	1×9	3×9	40°	1	1	0.39	1431-381122-19/39-45-51
	38	1 1/2	2×8	3×9	40°	1	1	0.39	1431-381122-28/39-45-51
	38	1 1/2	2×7	5×8	35°	1	1	0.39	1431-381122-27/58-45-51
	38	1 1/2	2×7	5×9	35°	1	1	0.39	1431-381122-27/59-45-51
	40	1 37/64	1×9	3×9	40°	1	1	0.40	1431-401122-19/39-45-51
	40	1 37/64	2×8	3×9	40°	1	1	0.40	1431-401122-28/39-45-51
	40	1 37/64	2×9	3×9	40°	1	2	0.40	1431-401122-29/39-45-51
	40	1 37/64	2×7	5×9	35°	1	1	0.40	1431-401122-27/59-45-51
	40	1 37/64	2×8	5×9	35°	1	1	0.40	1431-401122-28/59-45-51
	41	1 5/8	2×7	5×9	35°	1	1	0.41	1431-411122-27/59-45-51
长库体 Long skirt 	32	1 1/4	2×7	5×7	35°	1	1	0.30	1435-321122-27/57-45-51
	33	1 19/64	2×7	5×7	35°	1	1	0.31	1435-331122-27/57-45-51
	33	1 19/64	2×7	6×7	40°	2	1	0.31	1435-331122-27/67-45-51
	35	1 3/8	2×7	6×7	40°	2	1	0.35	1435-351122-27/67-45-51
	38	1 1/2	2×7	5×9	35°	1	1	0.41	1435-381122-27/59-45-51
	41	1 5/8	2×7	5×9	35°	1	1	0.42	1435-411122-27/59-45-51
	35	1 3/8	2×7	5×9	35°	1	1	0.38	1435-351125-27/59-45-51
	36	1 27/64	2×7	5×9	35°	1	1	0.39	1435-361125-27/59-45-51
	38	1 1/2	2×7	5×9	35°	1	1	0.41	1435-381125-27/59-45-51
	41	1 5/8	2×7	5×9	35°	1	1	0.42	1435-411125-27/59-45-51
十字形钎头 Cross-type bit 	29	1 9/64	12×8		-	1	2	0.25	1221-291122-12/8-42-22
	30	1 3/16	12×8		-	1	2	0.26	1221-301122-12/8-42-22
	32	1 1/4	12×8		-	1	2	0.30	1221-321122-12/8-42-22
	33	1 19/64	12×8		-	1	2	0.32	1221-331122-12/8-42-22
	35	1 3/8	12×8		-	1	2	0.36	1221-351122-12/8-42-22
	36	1 27/64	12×8		-	1	2	0.39	1221-361122-12/8-42-22
	38	1 1/2	12×8		-	1	2	0.43	1221-381122-12/8-42-22
	41	1 5/8	14×8		-	1	2	0.49	1221-411122-14/8-42-22

钎杆 Drill rod

H22mm六棱钎杆，渗碳
Hex. 22mm Tapered rod, carburized



长度 Length 毫米 mm	长度 Length 英尺 Foot	重量 Weight approx kg	三力型号 SANLYTOLS P/N
610	2'	2.2	21H22-11/108-0610-40
1220	4'	4.1	21H22-11/108-1220-40
1830	6'	5.9	21H22-11/108-1830-40
2000	6'7"	6.4	21H22-11/108-2000-40
2435	8'	7.8	21H22-11/108-2435-40
2600	8'8"	8.3	21H22-11/108-2600-40
3200	10'6"	10.1	21H22-11/108-3200-40
3655	12'	11.5	21H22-11/108-3655-40
4000	13'1"	12.6	21H22-11/108-4000-40
4800	15'9"	14.9	21H22-11/108-4800-40
5600	18'4"	17.4	21H22-11/108-5600-40
6400	21'	19.8	21H22-11/108-6400-40
7200	23'6"	22.2	21H22-11/108-7200-40
8000	26'2"	24.6	21H22-11/108-8000-40

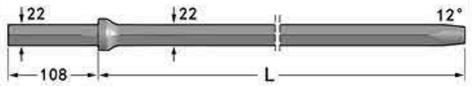
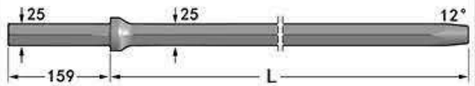


钎头 Drill bit

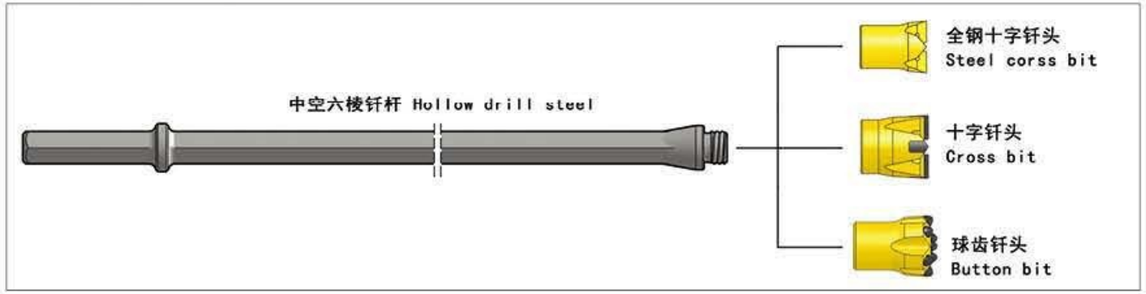
钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No.×button diameter 芯齿 Front	边齿 Gauge	倾角 Angle	水孔数量 Flushing hole 正 Front	侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿钎头，短库体 Button bit, Short skirt								
28	1 7/64	1×7	3×7	20°	1	1	0.20	1431-281222-17/37-45-51
28	1 7/64	1×7	4×7	35°	1	1	0.20	1431-281222-17/47-45-51
29	1 9/64	1×7	3×7	40°	1	1	0.21	1431-291222-17/37-45-51
30	1 3/16	1×7	3×7	40°	1	1	0.22	1431-301222-17/37-45-51
30	1 3/16	1×7	4×7	35°	1	1	0.22	1431-301222-17/47-45-51
30	1 3/16	2×7	4×7	30°	1	1	0.22	1431-301222-27/47-45-51
32	1 1/4	2×7	5×7	40°	2	1	0.24	1431-321222-27/57-45-51
33	1 19/64	2×7	5×7	35°	1	1	0.25	1431-331222-27/57-45-51
34	1 11/32	2×7	5×8	35°	1	1	0.29	1431-341222-27/58-45-51
35	1 3/8	2×7	4×7	35°	1	1	0.33	1431-351222-27/47-45-51
35	1 3/8	2×7	5×8	35°	2	1	0.33	1431-351222-27/58-45-51
35	1 3/8	2×7	5×9	35°	1	1	0.33	1431-351222-27/59-45-51
36	1 27/64	2×7	5×9	35°	1	1	0.37	1431-361222-27/59-45-51
37	1 29/64	2×7	5×9	40°	1	1	0.38	1431-371222-27/59-45-51
38	1 1/2	1×9	3×9	40°	1	1	0.40	1431-381222-19/39-45-51
38	1 1/2	2×7	5×9	35°	1	1	0.40	1431-381222-27/59-45-51
41	1 5/8	2×7	5×9	35°	1	1	0.41	1431-411222-27/59-45-51
长库体 Long skirt								
32	1 1/4	2×7	5×7	35°	1	1	0.30	1435-321222-27/57-45-51
33	1 19/64	2×7	5×7	35°	1	1	0.31	1435-331222-27/57-45-51
33	1 19/64	2×7	6×7	40°	2	1	0.31	1435-331222-27/67-45-51
35	1 3/8	2×7	6×7	40°	2	1	0.35	1435-351222-27/67-45-51
38	1 1/2	2×7	5×9	35°	1	1	0.41	1435-381222-27/59-45-51
41	1 5/8	2×7	5×9	35°	1	1	0.42	1435-411222-27/59-45-51
35	1 3/8	2×7	5×9	35°	1	1	0.38	1435-351222-27/59-45-51
36	1 27/64	2×7	5×9	35°	1	1	0.39	1435-361222-27/59-45-51
38	1 1/2	2×7	5×9	35°	1	1	0.41	1435-381222-27/59-45-51
41	1 5/8	2×7	5×9	35°	1	1	0.42	1435-411222-27/59-45-51
十字形钎头 Cross-type bit								
29	1 9/64	12×8		-	1	2	0.25	1221-291222-12/8-42-22
30	1 3/16	12×8		-	1	2	0.26	1221-301222-12/8-42-22
32	1 1/4	12×8		-	1	2	0.30	1221-321222-12/8-42-22
33	1 19/64	12×8		-	1	2	0.32	1221-331222-12/8-42-22
35	1 3/8	12×8		-	1	2	0.36	1221-351222-12/8-42-22
36	1 27/64	12×8		-	1	2	0.39	1221-361222-12/8-42-22
38	1 1/2	12×8		-	1	2	0.43	1221-381222-12/8-42-22
40	1 37/64	12×8		-	1	2	0.46	1221-401222-12/8-42-22
41	1 5/8	14×8		-	1	2	0.49	1221-411222-14/8-42-22

锥度连接钎具 | Tapered rock drilling tools

12°

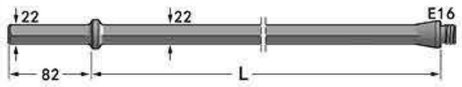
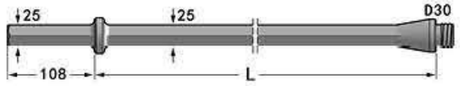
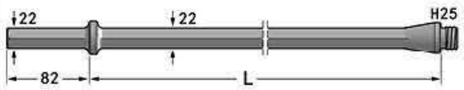
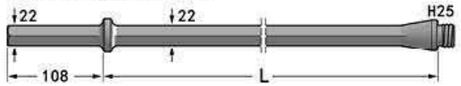
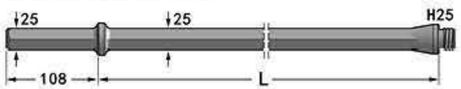
钎杆 Drill rod	长度 Length 毫米 mm	长度 Length 英尺 Foot	重量 Weight approx kg	三力型号 SANLYTOLS P/N
H22mm六棱钎杆, 渗碳 Hex. 22mm Tapered rod, carburized 	610	2'	2.20	21H22-12/108-0610-40
	1220	4'	4.10	21H22-12/108-1220-40
	1830	6'	5.90	21H22-12/108-1830-40
	2000	6'7"	6.40	21H22-12/108-2000-40
	2435	8'	7.80	21H22-12/108-2435-40
	2600	8'8"	8.30	21H22-12/108-2600-40
	3200	10'6"	10.10	21H22-12/108-3200-40
	3655	12'	11.50	21H22-12/108-3655-40
	4000	13'1"	12.60	21H22-12/108-4000-40
	4800	15'9"	14.90	21H22-12/108-4800-40
	5600	18'4"	17.40	21H22-12/108-5600-40
	6400	21'	19.80	21H22-12/108-6400-40
	7200	23'6"	22.20	21H22-12/108-7200-40
	8000	26'2"	24.60	21H22-12/108-8000-40
H25mm六棱钎杆, 渗碳 Hex. 25mm Tapered rod, carburized 	1830	6'	7.96	21H25-12/159-1830-40
	2435	8'	10.38	21H25-12/159-2435-40
	3050	10'	12.84	21H25-12/159-3050-40
	3655	12'	15.26	21H25-12/159-3655-40
	3965	13'	16.50	21H25-12/159-3965-40
	4270	14'	17.72	21H25-12/159-4270-40
	4880	16'	20.16	21H25-12/159-4880-40
	5530	18'	22.76	21H25-12/159-5530-40
	6095	20'	25.02	21H25-12/159-6095-40

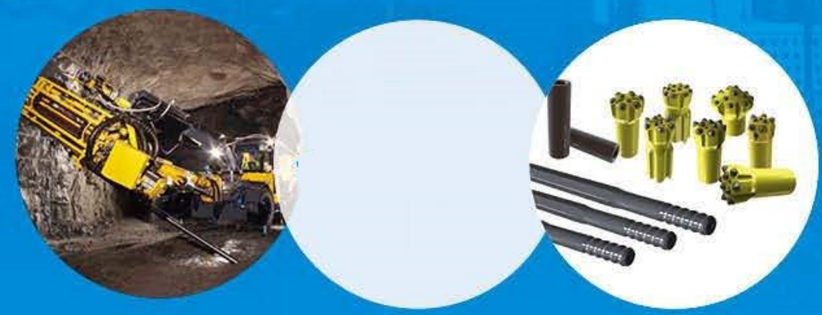
肩冲式钎具 | Shoulder drive drilling



钎头 Drill bit	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金 Tip size (mm) 高×厚 Height×Width	水孔数量 Flushing hole 正 Front	水孔数量 Flushing hole 侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
E螺纹全钢十字钎头 E-Thread steel cross bit 	24	15/16	-	1	-	0.07	1223-24E16-42
	25	1	-	1	-	0.08	1223-25E16-42
	28	1 1/8	-	1	-	0.09	1223-28E16-42
	32	1 1/4	-	1	-	0.10	1223-32E16-42
D螺纹全钢十字钎头 D-Thread stell cross bit 	45	1 3/4	-	1	4	0.30	1223-45D30-42
	48	1 7/8	-	1	4	0.40	1223-48D30-42
	51	2	-	1	4	0.42	1223-51D30-42
	57	2 1/4	-	1	4	0.51	1223-57D30-42
	64	2 1/2	-	1	4	0.58	1223-64D30-42
	70	2 3/4	-	1	4	0.63	1223-70D30-42
	76	3	-	1	4	0.69	1223-76D30-42
	83	3 1/4	-	1	4	1.08	1223-83D30-42
	89	3 1/2	-	1	4	1.18	1223-89D30-42
	102	4	-	1	4	1.39	1223-102D30-42
H螺纹十字钎头 H-Thread cross bit 	35	1 3/8	12×8	1	4	0.22	1221-35H25-12/8-42-23
	38	1 1/2	12×8	1	4	0.26	1221-38H25-12/8-42-23
	41	1 5/8	12×8	1	4	0.30	1221-41H25-12/8-42-23
	45	1 3/4	14×8	1	4	0.38	1221-45H25-14/8-42-23
	48	1 7/8	14×8	1	4	0.42	1221-48H25-14/8-42-23
	51	2	14×8	1	4	0.50	1221-51H25-14/8-42-23
	54	2 1/8	14×8	1	4	0.50	1221-54H25-14/8-42-23
	57	2 1/4	16×10	1	4	0.61	1221-57H25-16/10-42-23
	64	2 1/2	16×10	1	4	0.71	1221-64H25-16/10-42-23
	70	2 3/4	16×10	1	4	0.88	1221-70H25-16/10-42-23
	76	3	20×12	1	4	1.25	1221-76H25-20/12-42-23
H螺纹球齿钎头 H-Thread button bit 	35	1 3/8	2×7	5×8	35°	1	1	0.26	1431-35H25-27/58-42-53
	38	1 1/2	2×7	5×9	30°	1	1	0.30	1431-38H25-27/59-42-53
	41	1 5/8	2×8	5×9	35°	1	1	0.34	1431-41H25-28/59-42-53
	45	1 3/4	3×8	6×9	40°	1	1	0.42	1431-45H25-38/69-42-53
	48	1 7/8	3×8	6×10	40°	1	1	0.46	1431-48H25-38/610-42-53
	51	2	3×9	6×10	40°	1	1	0.54	1431-51H25-39/610-42-53
	57	2 1/4	3×9	6×11	35°	1	1	0.66	1431-57H25-39/611-42-53

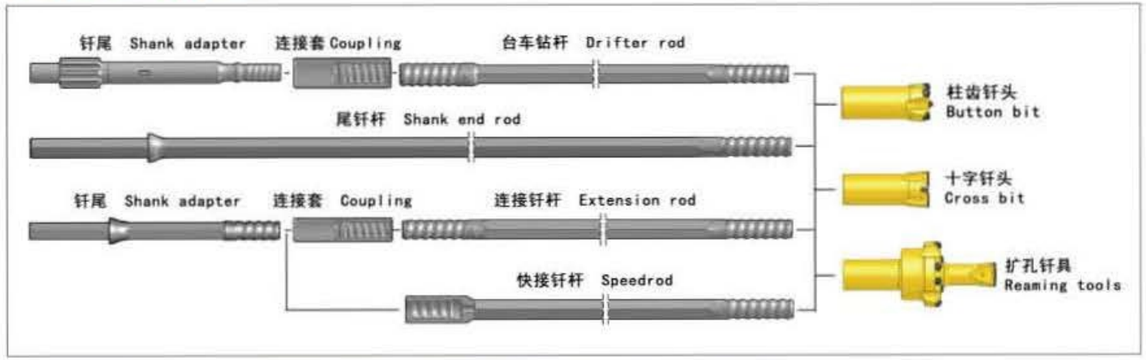
肩冲式钎具 | Shoulder drive drilling

钎杆 Drill rod	长度 Length 毫米 mm	长度 Length 英尺 Foot	重量 Weight approx. kg	三力型号 SANLYTOLS P/N
H22mm六棱钎杆 Hex. 22mm Hollow drill steel 	305	1'	1.20	21H22-E16/82-0305-40
	455	1'6"	1.67	21H22-E16/82-0455-40
	610	2'	2.15	21H22-E16/82-0610-40
	762	2'6"	2.62	21H22-E16/82-0762-40
	915	3'	3.10	21H22-E16/82-0915-40
	1220	4'	4.04	21H22-E16/82-1220-40
	1525	5'	4.99	21H22-E16/82-1525-40
	1830	6'	5.93	21H22-E16/82-1830-40
H25mm六棱钎杆 Hex. 25mm Hollow drill steel 	305	1'	1.66	21H25-D30/108-0305-40
	455	1'6"	2.26	21H25-D30/108-0455-40
	610	2'	2.88	21H25-D30/108-0610-40
	762	2'6"	3.48	21H25-D30/108-0762-40
	915	3'	4.10	21H25-D30/108-0915-40
	1220	4'	5.32	21H25-D30/108-1220-40
	1525	5'	6.54	21H25-D30/108-1525-40
	1830	6'	7.76	21H25-D30/108-1830-40
H22mm六棱钎杆 Hex. 22mm Hollow drill steel 	305	1'	1.20	21H22-H25/82-0305-40
	455	1'6"	1.67	21H22-H25/82-0455-40
	610	2'	2.15	21H22-H25/82-0610-40
	762	2'6"	2.62	21H22-H25/82-0762-40
	915	3'	3.10	21H22-H25/82-0915-40
	1220	4'	4.04	21H22-H25/82-1220-40
	1525	5'	4.99	21H22-H25/82-1525-40
	1830	6'	5.93	21H22-H25/82-1830-40
	2440	8'	7.82	21H22-H25/82-2440-40
	3050	10'	9.71	21H22-H25/82-3050-40
	3660	12'	11.60	21H22-H25/82-3660-40
	4270	14'	13.49	21H22-H25/82-4270-40
H22mm六棱钎杆 Hex. 22mm Hollow drill steel 	305	1'	1.30	21H22-H25/108-0305-40
	455	1'6"	1.72	21H22-H25/108-0455-40
	610	2'	2.24	21H22-H25/108-0610-40
	762	2'6"	2.71	21H22-H25/108-0762-40
	915	3'	3.18	21H22-H25/108-0915-40
	1220	4'	4.12	21H22-H25/108-1220-40
	1525	5'	5.07	21H22-H25/108-1525-40
	1830	6'	6.01	21H22-H25/108-1830-40
	2440	8'	7.90	21H22-H25/108-2440-40
	3050	10'	9.79	21H22-H25/108-3050-40
	3660	12'	11.68	21H22-H25/108-3660-40
	4270	14'	13.57	21H22-H25/108-4270-40
H25mm六棱钎杆 Hex. 25mm Hollow drill steel 	305	1'	1.66	21H25-H25/108-0305-40
	455	1'6"	2.26	21H25-H25/108-0455-40
	610	2'	2.88	21H25-H25/108-0610-40
	762	2'6"	3.48	21H25-H25/108-0762-40
	915	3'	4.10	21H25-H25/108-0915-40
	1220	4'	5.32	21H25-H25/108-1220-40
	1525	5'	6.54	21H25-H25/108-1525-40
	1830	6'	7.76	21H25-H25/108-1830-40
	2440	8'	10.20	21H25-H25/108-2440-40
	3050	10'	12.64	21H25-H25/108-3050-40
	3660	12'	15.08	21H25-H25/108-3660-40
	4270	14'	17.52	21H25-H25/108-4270-40



台车掘进钎具
DRIFTING AND TUNNELING

	Page
R25	22
R28	24
R32	26



钎头 Drill bit

钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	合金数量×直径 No×button diameter 倾角 Angle	水孔数量 Flushing hole 正 Front	水孔数量 Flushing hole 侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿形钎头 Button bit								
圆齿 Spherical buttons								
33	1 19/64	2×7	5×7	35°	1	1	0.4	1431-33R25-27/57-45-41
35	1 3/8	2×7	5×8	35°	1	1	0.4	1431-35R25-27/58-45-41
38	1 1/2	2×7	5×8	30°	1	1	0.5	1431-38R25-27/58-45-41
38	1 1/2	2×7	5×9	30°	1	1	0.5	1431-38R25-27/59-45-41
41	1 5/8	2×9	4×9	35°	1	2	0.6	1431-41R25-29/49-45-41
41	1 5/8	2×8	5×9	35°	1	1	0.6	1431-41R25-28/59-45-41
45	1 3/4	2×9	4×11	35°	1	2	0.6	1431-45R25-29/411-45-41
45	1 3/4	2×8	5×10	30°	1	2	0.6	1431-45R25-28/510-45-41
45	1 3/4	2×8	5×11	30°	1	2	0.6	1431-45R25-28/511-45-41
抛物线齿 Parabolic buttons								
33	1 19/64	2×7	5×7	35°	1	1	0.4	1431-33R25-27/57-45-51
35	1 3/8	2×7	5×9	25°	1	1	0.4	1431-35R25-27/59-45-51
38	1 1/2	2×7	5×9	40°	1	1	0.5	1431-38R25-27/59-45-51
41	1 5/8	2×8	5×9	40°	1	1	0.6	1431-41R25-28/59-45-51
45	1 3/4	2×9	5×10	35°	1	2	0.6	1431-45R25-29/510-45-51
扩孔钎头 Reaming bit 6°								
64	2 1/2	2×10	8×9	35°	-	-	0.8	1441-646-210/89-45-41
64	2 1/2	4×8	8×9	25°	-	-	0.8	1441-646-48/89-45-41
76	3	2×11	8×11	35°	-	-	1.2	1441-766-211/811-45-41
76	3	4×10	8×10	30°	-	-	1.2	1441-766-410/810-45-41
89	3 1/2	4×11	8×11	35°	-	-	1.7	1441-896-411/811-45-41
89	3 1/2	4×10	8×10	30°	-	-	1.7	1441-896-410/810-45-41
扩孔导向器 Pilot adapter 6°								
26	1 1/32	12×8		-	-	-	1.3	1442-26R25-12/8-42-22
十字型钎头 Cross-type bit								
33	1 19/64	14×8		-	1	2	0.4	1221-33R25-14/8-42-23
35	1 3/8	14×8		-	1	2	0.5	1221-35R25-14/8-42-23
38	1 1/2	14×8		-	1	4	0.6	1221-38R25-14/8-42-23
41	1 5/8	14×8		-	1	4	0.7	1221-41R25-14/8-42-23
43	1 11/16	14×8		-	1	4	0.7	1221-43R25-14/8-42-23
45	1 3/4	14×8		-	1	2	0.8	1221-45R25-14/8-42-23
51	2	14×8		-	1	4	1.1	1221-51R25-14/8-42-23

钎杆 Drill rod

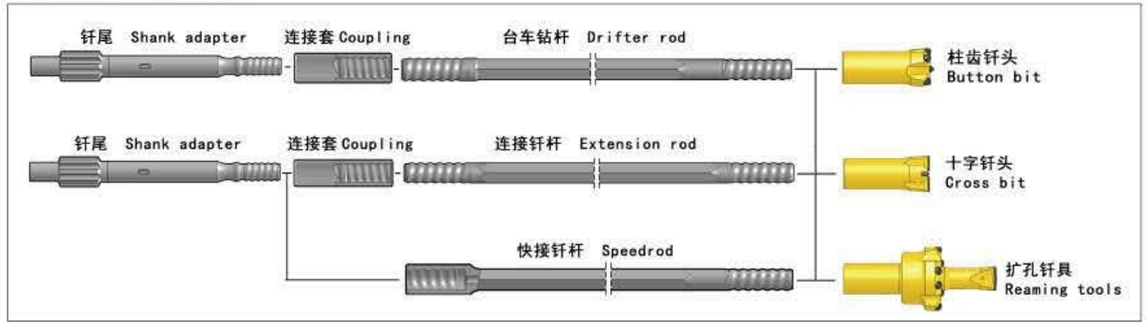
长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
六方钎杆 Drifter rod, R32-Hex25-R25 内孔 Flushing hole 8.6mm.					
2100	7'	25	1"	8.6	22H25-R25/R32-2100-23
2400	8'	25	1"	9.6	22H25-R25/R32-2400-23
2600	8'8"	25	1"	10.4	22H25-R25/R32-2600-23
2800	9'	25	1"	11.1	22H25-R25/R32-2800-23
3090	10'	25	1"	12.2	22H25-R25/R32-3090-23
3700	12'	25	1"	14.6	22H25-R25/R32-3700-23
六方钎杆 Extension rod, R25-Hex25-R25 内孔 Flushing hole 8.6mm.					
915	3'	25	1"	3.4	23H25-R25-0915-23
1000	3'33/8"	25	1"	4.0	23H25-R25-1000-23
1220	4'	25	1"	4.6	23H25-R25-1220-23
1525	5'	25	1"	5.8	23H25-R25-1525-23
1830	6'	25	1"	7.0	23H25-R25-1830-23
2435	8'	25	1"	9.3	23H25-R25-2435-23
3050	10'	25	1"	12.0	23H25-R25-3050-23
六方快接钎杆 Speedrod, R25-Hex25-R25 内孔 Flushing hole 8.6mm.					
610	2'	25	1"	2.7	24H25-R25/35-0610-23
1220	4'	25	1"	5.1	24H25-R25/35-1220-23

六棱钎尾钎杆 Shank end rod

长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
六棱尾钎杆 Shank adapter/rod					
钎尾 22mm×108mm		Shank 22mm×108mm			
610	2'	22	7/8	2.6	21H22-R25/108-0610-40
760	2'6"	22	7/8	2.9	21H22-R25/108-0760-40
1000	3'3"	22	7/8	3.7	21H22-R25/108-1000-40
1200	4'	22	7/8	4.4	21H22-R25/108-1200-40
1830	6'	22	7/8	6.3	21H22-R25/108-1830-40
2435	8'	22	7/8	8.1	21H22-R25/108-2435-40
3200	10'6"	22	7/8	10.6	21H22-R25/108-3200-40
3600	12'	22	7/8	12.0	21H22-R25/108-3600-40
钎尾 25mm×159mm		Shank 25mm×159mm			
2700	8'10"	25	1"	11.3	21H25-R25/159-2700-40
3200	10'6"	25	1"	13.7	21H25-R25/159-3200-40

连接套 Coupling

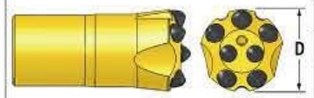
长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
同径连接套 Coupling sleeves						
155	6 1/8	44	1 3/4	R32	1.0	31-R32-44-155-23
150	5 7/8	35	1 3/8	R25	0.7	31-R25-35-150-23
160	6 5/16	38	1 1/2	R25	1.3	31-R25-38-160-23
变径连接套 Coupling sleeves of different diameter						
150	5 7/8	45	1 3/4	R25-R32	1.1	33-R25/R32-45-150-23
160	6 5/16	45	1 3/4	R25-R32	1.2	33-R25/R32-45-160-23
160	6 5/16	56	1 13/64	R25-R38	2.5	33-R25/R38-56-160-23
170	6 3/4	56	1 13/64	R25-T38	3.2	33-R25/T38-56-170-23

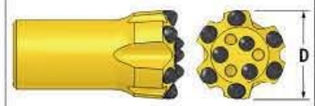


钎头 Drill bit

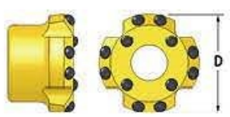
钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
圆齿 Spherical buttons								
37	1 29/64	2×7	5×9	30°	1	1	0.5	1431-37R28-27/59-45-41
38	1 1/2	2×8	4×9	30°	1	2	0.6	1431-38R28-28/49-45-41
38	1 1/2	2×7	5×9	30°	1	1	0.6	1431-38R28-27/59-45-41
41	1 5/8	2×8	5×9	35°	1	1	0.7	1431-41R28-28/59-45-41
43	1 11/16	2×9	5×9	35°	1	2	0.8	1431-43R28-29/59-45-41
45	1 3/4	2×9	5×10	30°	1	2	0.9	1431-45R28-29/510-45-41
45	1 3/4	3×8	6×9	35°	1	3	0.9	1431-45R28-38/69-45-41
抛物线齿 Parabolic buttons								
37	1 29/64	2×7	5×9	30°	1	1	0.5	1431-37R28-27/59-45-51
38	1 1/2	2×8	4×9	30°	1	2	0.6	1431-38R28-28/49-45-51
38	1 1/2	2×7	5×9	30°	1	1	0.6	1431-38R28-27/59-45-51
41	1 5/8	2×8	5×9	35°	1	1	0.7	1431-41R28-28/59-45-51
43	1 11/16	2×9	5×9	35°	1	2	0.8	1431-43R28-29/59-45-51
45	1 3/4	2×9	5×10	30°	1	2	0.9	1431-45R28-29/510-45-51
45	1 3/4	3×8	6×9	35°	1	3	0.9	1431-45R28-38/69-45-51
48	1 7/8	2×9	5×11	30°	1	2	1.0	1431-48R28-29/511-45-51
48	1 7/8	3×8	6×9	35°	1	3	1.0	1431-48R28-38/69-45-51
64	2 1/2	2×10	8×9	35°	-	-	0.8	1441-646-210/89-45-41
64	2 1/2	4×8	8×9	25°	-	-	0.8	1441-646-48/89-45-41
76	3	2×11	8×11	35°	-	-	1.2	1441-766-211/811-45-41
76	3	4×10	8×10	30°	-	-	1.2	1441-766-410/810-45-41
89	3 1/2	4×11	8×11	35°	-	-	1.7	1441-896-411/811-45-41
89	3 1/2	4×10	8×10	30°	-	-	1.7	1441-896-410/810-45-41
26	1 1/32	12×8		-	-	-	1.5	1442-26R28-12/8-42-22
38	1 1/2	14×8		-	1	2	0.6	1221-38R28-14/8-42-23
41	1 5/8	14×8		-	1	4	0.7	1221-41R28-14/8-42-23
43	1 11/16	14×8		-	1	4	0.7	1221-43R28-14/8-42-23
45	1 3/4	14×8		-	1	4	0.9	1221-45R28-14/8-42-23
51	2	14×8		-	1	4	1.1	1221-51R28-14/8-42-23

柱齿形钎头 Button bit





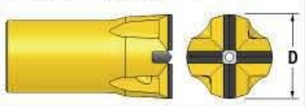
扩孔钎头 Reaming bit 6"



扩孔导向器 Pilot adapter 6"

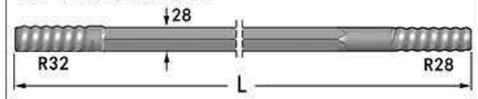


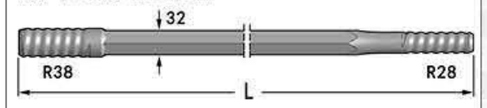
十字型钎头 Cross-type bit

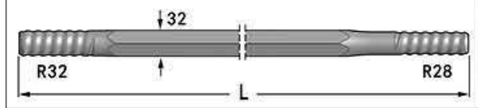


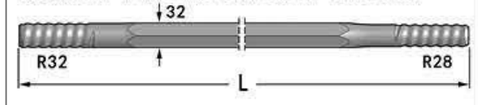
钎杆 Drill rod

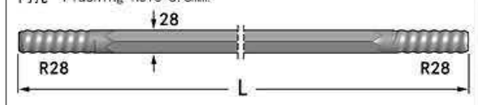
长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
六方钎杆 Drifter rod, R32-Hex28-R28 内孔 Flushing hole 8.8mm.					
2400	7'10"	28	1 1/8	12.2	22H28-R28/R32-2400-23
2750	9'	28	1 1/8	14.4	22H28-R28/R32-2750-23
3700	12'11/2"	28	1 1/8	18.9	22H28-R28/R32-3700-23
4000	13'13/8"	28	1 1/8	20.4	22H28-R28/R32-4000-23
4310	14'11/2"	28	1 1/8	22.0	22H28-R28/R32-4310-23
4920	16'11/2"	28	1 1/8	25.3	22H28-R28/R32-4920-23
六方钎杆 Drifter rod, R38-Hex32-R28 内孔 Flushing hole 9.6mm.					
2900	9'61/8"	32	1 1/4	18.8	22H32-R28/R38-2900-23
3090	10'11/2"	32	1 1/4	20.0	22H32-R28/R38-3090-23
3700	12'11/2"	32	1 1/4	24.0	22H32-R28/R38-3700-23
4310	14'11/2"	32	1 1/4	27.9	22H32-R28/R38-4310-23
六方钎杆 Drifter rod, R32-Hex32-R28 内孔 Flushing hole 9.6mm.					
3090	10'11/2"	32	1 1/4	20.0	22H32-R28/R32-3090-23
3700	12'11/2"	32	1 1/4	23.5	22H32-R28/R32-3700-23
六方钎杆 Drifter rod, R32-Hex32-R28 内孔 Flushing hole 9.6mm. 接内螺纹钎尾 With slimmed shank end for female shank					
3090	10'11/2"	32	1 1/4	20.0	22H32-R28/R32N-3090-23
3700	12'11/2"	32	1 1/4	24.0	22H32-R28/R32N-3700-23
4000	13'13/8"	32	1 1/4	25.9	22H32-R28/R32N-4000-23
4310	14'11/2"	32	1 1/4	27.9	22H32-R28/R32N-4310-23
六方钎杆 Extension rod, R28-Hex28-R28 内孔 Flushing hole 8.8mm.					
3050	10'	28	1 1/8	15.0	23H28-R28-3050-23
六方钎杆 Speedrod, R28-Hex28-R28 内孔 Flushing hole 8.8mm.					
3050	10'	28	1 1/8	15.0	24H28-R28/39-3050-23

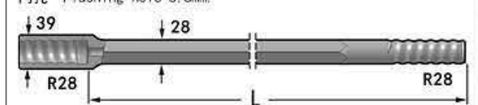






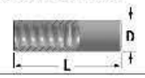


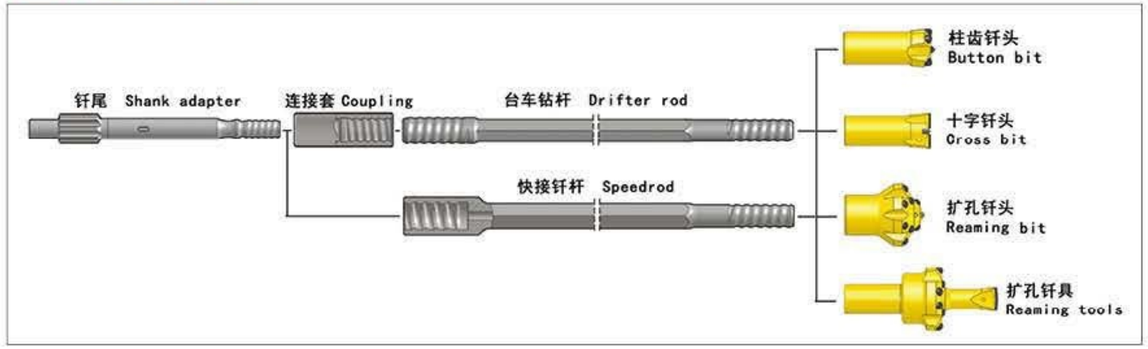


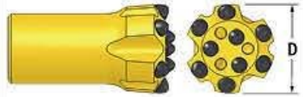


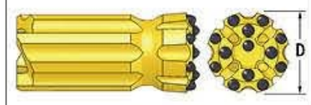
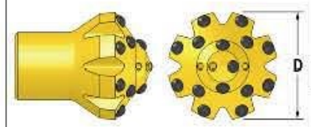
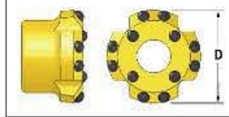
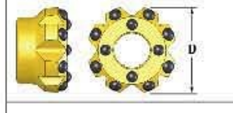
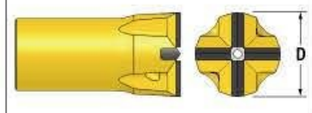
连接套 Coupling

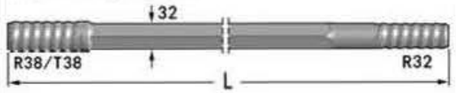
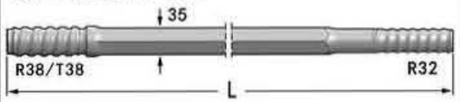
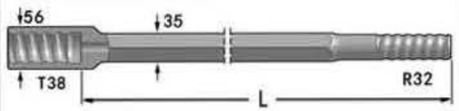
长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approxkg	三力型号 SANLYTOLS P/N
毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves						
150	5 7/8	44	1 3/4	R32	1.0	31-R32-44-150-23
150	5 7/8	40	1 37/64	R28	0.9	31-R28-40-150-23
170	6 3/4	55	2 5/32	R38	2.0	31-R38-55-170-23
变径连接套 Coupling sleeves of different diameter						
160	6 5/16	45	1 3/4	R28-R32	1.2	33-R28/R32-45-160-23
160	6 5/16	56	1 13/64	R28-R38	2.5	33-R28/R38-56-160-23





钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No.×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit	圆齿 Spherical buttons								
	41	1 5/8	2×9	4×9	35°	1	1	0.6	1431-41R32-29/49-45-41
	41	1 5/8	2×8	5×9	35°	1	1	0.7	1431-41R32-28/59-45-41
	43	1 11/16	2×9	5×9	35°	1	2	0.7	1431-43R32-29/59-45-41
	43	1 11/16	2×9	5×10	35°	1	1	0.7	1431-43R32-29/510-45-41
	43	1 11/16	2×9	6×9	40°	2	–	0.7	1431-43R32-29/69-45-41
	45	1 3/4	2×9	5×11	30°	1	1	0.8	1431-45R32-29/511-45-41
	45	1 3/4	2×9	6×10	35°	2	–	0.8	1431-45R32-29/610-45-41
	45	1 3/4	3×8	6×10	30°	3	–	0.8	1431-45R32-38/610-45-41
	48	1 7/8	2×9	5×11	35°	1	1	0.9	1431-48R32-29/511-45-41
	48	1 7/8	2×9	6×10	40°	2	–	0.9	1431-48R32-29/610-45-41
	48	1 7/8	3×8	6×10	40°	3	–	0.9	1431-48R32-38/610-45-41
	48	1 7/8	3×9	6×10	30°	3	–	0.9	1431-48R32-39/610-45-41
	51	2	2×10	5×11	35°	1	1	1.0	1431-51R32-210/511-45-41
	51	2	2×10	6×10	40°	2	–	1.0	1431-51R32-210/610-45-41
	51	2	3×9	6×10	35°	3	–	1.0	1431-51R32-39/610-45-41
	57	2 1/4	3×9	6×11	35°	3	–	1.3	1431-57R32-39/611-45-41
	64	2 1/2	3×10, 1×10	6×11	35°	3	–	1.6	1433-64R32-410/611-45-41
	64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64R32-410/810-45-41
	76	3	4×11	8×11	40°	2	–	2.6	1431-76R32-411/811-45-41
	抛物线齿 Parabolic buttons								
	41	1 5/8	2×8	5×9	40°	1	1	0.7	1431-41R32-28/59-45-51
	43	1 11/16	2×9	5×9	40°	1	2	0.7	1431-43R32-29/59-45-51
	43	1 11/16	2×9	6×9	40°	2	–	0.7	1431-43R32-29/69-45-51
	43	1 11/16	3×8	6×8	40°	3	1	0.7	1431-43R32-38/68-45-51
	45	1 3/4	2×9	5×11	30°	1	2	0.8	1431-45R32-29/511-45-51
	45	1 3/4	2×9	6×9	40°	2	2	0.8	1431-45R32-29/69-45-51
	45	1 3/4	3×8	6×9	40°	3	1	0.8	1431-45R32-38/69-45-51
	48	1 7/8	2×9	5×11	35°	1	1	0.9	1431-48R32-29/511-45-51
	48	1 7/8	2×9	6×10	40°	2	–	0.9	1431-48R32-29/610-45-51
	48	1 7/8	3×8	6×10	40°	3	–	0.9	1431-48R32-38/610-45-51
	51	2	2×10	6×10	40°	2	–	1.0	1431-51R32-210/610-45-51
	51	2	3×9	6×10	40°	3	1	1.0	1431-51R32-39/610-45-51
	54	2 1/8	3×9	6×10	40°	3	1	1.0	1431-54R32-39/610-45-51
	57	2 1/4	3×9	6×11	35°	3	–	1.3	1431-57R32-39/611-45-51
	64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64R32-410/810-45-51

钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No.×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	45	1 3/4	3×8	6×9	40°	3	–	1.1	1531-45R32-38/69-45-41
	48	1 7/8	3×9	6×10	30°	3	–	1.2	1531-48R32-39/610-45-41
	51	2	3×9	6×10	30°	3	–	1.4	1531-51R32-39/610-45-41
	64	2 1/2	3×10, 1×10	6×11	35°	3	–	2.2	1533-64R32-410/611-45-41
	64	2 1/2	4×10	8×10	40°	2	–	2.2	1531-64R32-410/810-45-41
	76	3	4×11, 1×11	8×11	35°	4	1	3.5	1533-76R32-511/811-45-41
	抛物线齿 Parabolic buttons								
	45	1 3/4	3×8	6×9	40°	3	–	1.1	1531-45R32-38/69-45-51
	48	1 7/8	3×9	6×10	30°	3	–	1.2	1531-48R32-39/610-45-51
	51	2	3×9	6×10	30°	3	–	1.4	1531-51R32-39/610-45-51
	64	2 1/2	3×10, 1×10	6×11	35°	3	–	2.2	1533-64R32-410/611-45-51
	64	2 1/2	4×10	8×10	40°	2	–	2.2	1531-64R32-410/810-45-51
	76	3	4×11, 1×11	8×11	35°	4	1	3.5	1533-76R32-511/811-45-51
柱齿扩孔钎头 Dome bit for reaming	圆齿 Spherical buttons								
	76	3	1×13	9×13	35°	3	1	2.0	1441-76R32-113/913-45-41
	89	3 1/2	1×13	14×13	35°	2	2	2.6	1441-89R32-113/1413-45-41
	102	4	1×13	16×13	35°	2	2	3.2	1441-102R32-113/1613-45-41
	127	5	1×13	18×13	35°	3	1	4.8	1441-127R32-113/1813-45-41
	抛物线齿 Parabolic buttons								
	76	3	1×13	9×13	35°	3	1	2.0	1441-76R32-113/913-45-51
	89	3 1/2	1×13	14×13	35°	2	2	2.6	1441-89R32-113/1413-45-51
	102	4	1×13	16×13	35°	2	2	3.2	1441-102R32-113/1613-45-51
	127	5	1×13	18×13	35°	3	1	4.8	1441-127R32-113/1813-45-51
扩孔钎头 Reaming bit 6°	64	2 1/2	2×10	8×9	35°	–	–	0.8	1441-646-210/89-45-41
	64	2 1/2	4×8	8×9	25°	–	–	0.8	1441-646-48/89-45-41
	76	3	2×11	8×11	35°	–	–	1.2	1441-766-211/811-45-41
	76	3	4×10	8×10	30°	–	–	1.2	1441-766-410/810-45-41
	89	3 1/2	4×11	8×11	35°	–	–	1.7	1441-896-411/811-45-41
	89	3 1/2	4×10	8×10	30°	–	–	1.7	1441-896-410/810-45-41
扩孔导向器 Pilot adapter 6°	26	1 1/32	12×8			–	–	1.5	1442-26R32-12/8-42-22
									
扩孔钎头 Reaming bit 12°	89	3 1/2	4×10	8×12	35°	–	–	1.8	1441-8912-410/812-45-41
	102	4	4×12	8×12	35°	–	–	2.1	1441-10212-412/812-45-41
	127	5	4×12	8×12	35°	–	–	4.0	1441-12712-412/812-45-41
	127	5	4×13	8×13	35°	–	–	4.0	1441-12712-413/813-45-41
扩孔导向器 Pilot adapter 12°	40	1 37/64	15×10			–	–	2.2	1442-40R32-15/10-42-22
									
十字型钎头 Cross-type bit	41	1 5/8	16×10			–	1	4	0.7	1221-41R32-16/10-42-23
	43	1 11/16	16×10			–	1	2	0.8	1221-43R32-16/10-42-23
	45	1 3/4	16×10			–	1	4	0.9	1221-45R32-16/10-42-23
	48	1 7/8	16×10			–	1	4	0.9	1221-48R32-16/10-42-23
	51	2	16×10			–	1	4	1.2	1221-51R32-16/10-42-23
	57	2 1/4	16×10			–	1	4	1.3	1221-57R32-16/10-42-23
	64	2 1/2	18×13			–	1	4	1.5	1221-64R32-18/13-42-23

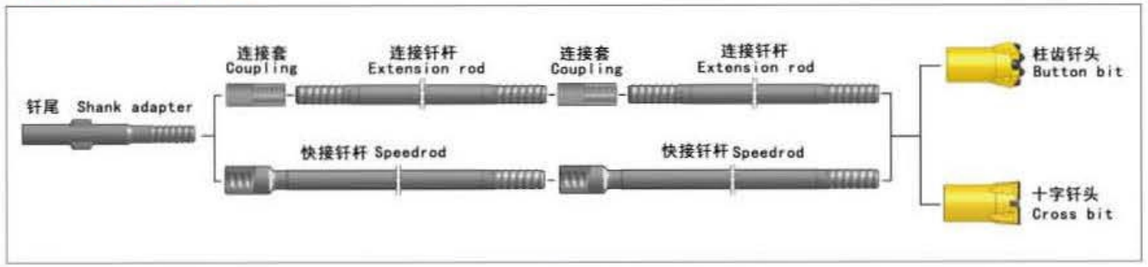
钎杆 Drill rod	长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx. kg	三力型号 SANLYTOLS P/N
六方钎杆 Drifter rod, R/T38-Hex32-R32 内孔 Flushing hole 9.6mm. 	2400	7'10"	32	1 1/4	15.3	22H32-R32/T38-2400-23
	3090	10'11/2"	32	1 1/4	19.8	22H32-R32/T38-3090-23
	3400	11'13/4"	32	1 1/4	21.7	22H32-R32/T38-3400-23
	4000	13'13/8"	32	1 1/4	25.5	22H32-R32/T38-4000-23
	4310	14'11/2"	32	1 1/4	27.5	22H32-R32/T38-4310-23
	4920	16'11/2"	32	1 1/4	31.3	22H32-R32/T38-4920-23
	5530	18'11/2"	32	1 1/4	35.2	22H32-R32/T38-5530-23
六方钎杆 Drifter rod, R/T38-Hex35-R32 内孔 Flushing hole 9.5mm. 	3090	10'11/2"	35	1 3/8	24.0	22H35-R32/T38-3090-23
	3700	12'11/2"	35	1 3/8	28.7	22H35-R32/T38-3700-23
	4000	13'13/8"	35	1 3/8	31.1	22H35-R32/T38-4000-23
	4310	14'11/2"	35	1 3/8	33.4	22H35-R32/T38-4310-23
	4920	16'11/2"	35	1 3/8	37.8	22H35-R32/T38-4920-23
	5530	18'11/2"	35	1 3/8	42.9	22H35-R32/T38-5530-23
	6100	20'	35	1 3/8	47.3	22H35-R32/T38-6100-23
六方快接钎杆 Speedrod, T38-Hex35-R32 内孔 Flushing hole 9.5mm. 	3700	12'11/2"	35	1 3/8	29.0	24H35-R32/T38-3700-23
	4310	14'11/2"	35	1 3/8	34.1	24H35-R32/T38-4310-23
	4920	16'11/2"	35	1 3/8	38.8	24H35-R32/T38-4920-23
	5530	18'11/2"	35	1 3/8	43.6	24H35-R32/T38-5530-23
	6400	21'	35	1 3/8	50.3	24H35-R32/T38-6400-23

连接套 Coupling	长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
同径连接套 Coupling sleeves	170	6 3/4	55	2 5/32	R38	1.8	31-R38-55-170-23
	190	7 1/2	55	2 5/32	T38	2.0	31-T38-55-190-23
变径连接套 Coupling sleeves of different diameter 	150	6 1/8	45	1 3/4	R25-R32	1.1	33-R25/R32-45-150-23
	160	6 1/4	45	1 3/4	R25-R32	1.2	33-R25/R32-45-160-23
	160	6 1/4	45	1 3/4	R28-R32	1.2	33-R28/R32-45-160-23
	160	6 1/4	55	2 5/32	R32-R38	1.8	33-R32/R38-55-160-23
	170	6 3/4	55	2 5/32	R32-R38	2.0	33-R32/R38-55-170-23
	180	7 1/16	55	2 5/32	R32-R38	2.2	33-R32/R38-55-180-23
	210	8 1/4	55	2 5/32	R32-R38	2.8	33-R32/R38-55-210-23
	170	6 3/4	56	2 1/8	R32-T38	2.1	33-R32/T38-56-170-23
	180	7 1/16	56	2 1/8	R32-T38	2.2	33-R32/T38-56-180-23
	210	8 1/4	56	2 1/8	R32-T38	2.8	33-R32/T38-56-210-23
	190	7 1/2	63	2 33/64	R32-T45	3.2	33-R32/T45-63-190-23



深孔螺纹钎具
BENCH AND PRODUCTION DRILLING

	Page
R3212	30
R32	32
HL38	36
T38	39
T45	41
T51	44
T60	47
ST58	49
ST68	51

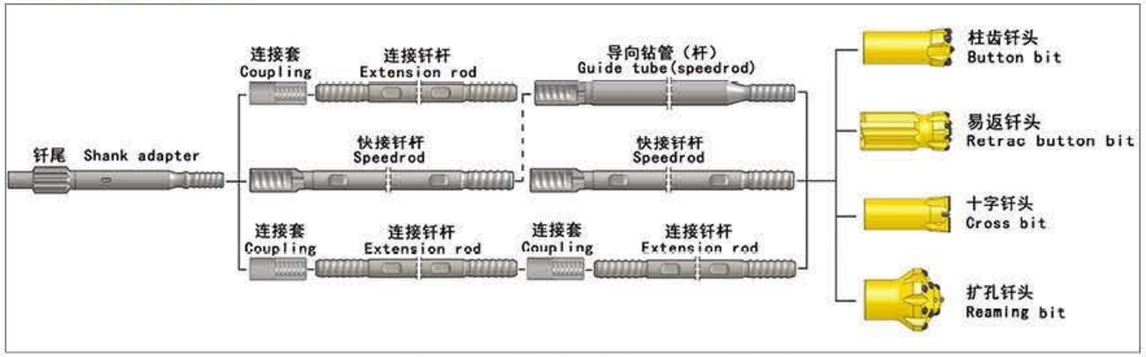


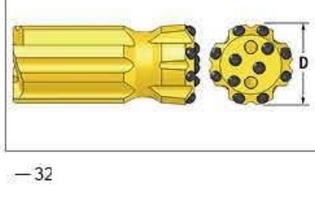
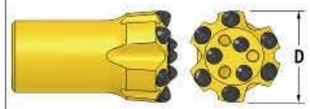
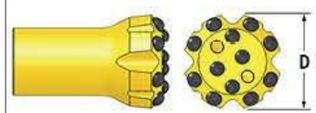
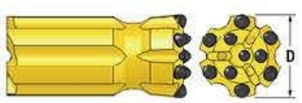
钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No.×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit	48	1 7/8	2×9	3×11	35°	1	1	0.7	1431-48R3212-29/311-45-62
	48	1 7/8	2×9	5×11	35°	1	1	0.7	1431-48R3212-29/511-45-62
	55	2 1/8	1×12	3×14	35°	1	1	0.9	1431-55R3212-112/314-45-62
	55	2 1/8	2×10,1×10	4×12	35°	1	1	0.8	1434-55R3212-310/412-45-62
	55	2 1/8	2×10,1×10	4×10	35°	1	1	0.8	1434-55R3212-310/410-45-62
	55	2 1/8	3×9	6×10	35°	3	–	0.9	1431-55R3212-39/610-45-62
	60	2 3/8	2×12	3×14	40°	1	1	1.0	1431-60R3212-212/314-45-62
	60	2 3/8	2×11	5×12	40°	1	1	1.0	1431-60R3212-211/512-45-62
	60	2 3/8	2×10,1×10	4×12	40°	2	1	0.9	1434-60R3212-310/412-45-62
	60	2 3/8	3×10	6×11	40°	3	–	1.1	1431-60R3212-310/611-45-62
	65	2 1/2	2×13	3×14	40°	1	1	1.1	1431-65R3212-213/314-45-62
	65	2 1/2	3×12	3×14	40°	1	1	1.1	1431-65R3212-312/314-45-62
	65	2 1/2	2×12,1×12	4×12	40°	1	1	1.2	1434-65R3212-312/412-45-62
	65	2 1/2	2×12,1×10	4×14	35°	1	1	1.5	1434-65R3212-312/414-45-62
	65	2 1/2	3×12	6×12	35°	1	1	1.2	1431-65R3212-312/612-45-62
	65	2 1/2	3×12	6×12	35°	3	–	1.2	1431-65R3212-312/612-45-62
	70	2 3/4	3×12	3×14	35°	1	1	1.6	1431-70R3212-312/314-45-62
	70	2 3/4	3×12	6×12	35°	1	1	1.4	1431-70R3212-312/612-45-62
	70	2 3/4	3×12	6×12	35°	3	–	1.4	1431-70R3212-312/612-45-62
	75	3	5×10	6×12	35°	2	1	1.7	1431-75R3212-510/612-45-62
十字型钎头 Cross-type bits	55	2 1/8	16×10		–	1	2	0.8	1221-55R3212-16/10-42-23
	60	2 3/8	16×10		–	1	2	0.9	1221-60R3212-16/10-42-23
	65	2 1/2	16×10		–	1	2	1.0	1221-65R3212-16/10-42-23
	70	2 3/4	16×10		–	1	2	1.1	1221-70R3212-16/10-42-23
	75	3	18×13		–	1	2	1.3	1221-75R3212-18/13-42-23
	80	3 1/8	18×13		–	1	2	1.6	1221-80R3212-18/13-42-23

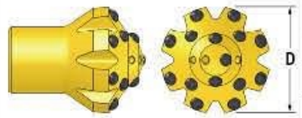
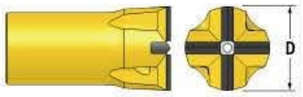
钎杆 Drill rod	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod R3212-Round32-R3212 内孔 Flushing hole 9.2mm.	600	2'	32	1 1/4	3.53	23R32-R3212-0600-40
	800	2'7"	32	1 1/4	4.70	23R32-R3212-0800-40
	900	2'	32	1 1/4	5.30	23R32-R3212-0900-40
	1000	3'3"	32	1 1/4	5.90	23R32-R3212-1000-40
	1100	3'6"	32	1 1/4	6.52	23R32-R3212-1100-40
	1200	3'9"	32	1 1/4	7.10	23R32-R3212-1200-40
快接钎杆 MF-rod R3212-Round32-R3212 内孔 Flushing hole 9.2mm.	600	2'	32	1 1/4	4.45	24R32-R3212/46-0600-40
	800	2'7"	32	1 1/4	5.60	24R32-R3212/46-0800-40
	900	2'	32	1 1/4	6.17	24R32-R3212/46-0900-40
	1000	3'3"	32	1 1/4	6.80	24R32-R3212/46-1000-40
	1100	3'6"	32	1 1/4	7.40	24R32-R3212/46-1100-40
	1200	3'9"	32	1 1/4	7.90	24R32-R3212/46-1200-40

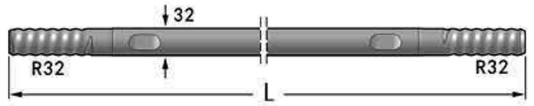
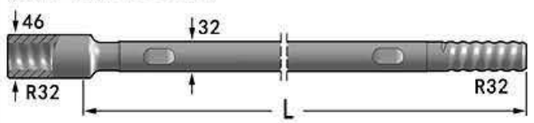
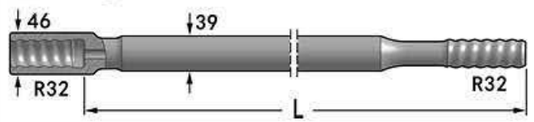
连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves	150	6 1/8	44	1 3/4	R3212	1.0	31-R3212-44-150-42
	160	6 1/4	44	1 3/4	R3212	1.1	31-R3212-44-160-42
	160	6 1/4	48	1 7/8	R3212	1.5	31-R3212-48-160-42

钎尾 Shank adaptors	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
适用90风动钻机 For 90 drills	330	1 1/12	56	2 1/4	R3212	2.3	4NJ90-38R3212-10330-42



钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit	圆齿 Spherical buttons								
	48	1 7/8	2×9	5×11	35°	1	2	1.0	1431-48R32-29/511-45-31
	48	1 7/8	3×8	6×10	40°	3	–	0.9	1431-48R32-38/610-45-31
	51	2	2×10	5×11	35°	1	2	1.0	1431-51R32-210/511-45-31
	51	2	3×9	6×10	35°	3	–	1.0	1431-51R32-39/610-45-31
	57	2 1/4	3×9	6×11	35°	3	–	1.3	1431-57R32-39/611-45-31
	57	2 1/4	3×10	6×11	35°	3	–	1.3	1431-57R32-310/611-45-31
	64	2 1/2	3×11	6×12	30°	3	–	1.6	1431-64R32-311/612-45-31
	64	2 1/2	3×10,1×10	6×11	35°	3	–	1.6	1433-64R32-410/611-45-31
	64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64R32-410/810-45-31
	70	3	4×11	8×11	40°	2	–	2.6	1431-70R32-411/811-45-31
	76	3	4×11,1×11	8×11	35°	2	–	2.6	1433-76R32-511/811-45-31
	抛物线齿 Parabolic buttons								
	48	1 7/8	3×8	6×10	40°	3	–	0.9	1431-48R32-38/610-45-51
	51	2	3×9	6×10	40°	3	1	1.0	1431-51R32-39/610-45-51
	54	2 1/8	3×9	6×10	40°	3	1	1.0	1431-54R32-39/610-45-51
	57	2 1/4	3×9	6×11	35°	3	–	1.3	1431-57R32-39/611-45-51
	57	2 1/4	3×10	6×11	35°	3	–	1.3	1431-57R32-310/611-45-51
	64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64R32-410/810-45-51
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	48	1 7/8	3×8	6×10	40°	3	–	1.2	1531-48R32-38/610-45-31
	51	2	3×9	6×10	35°	3	–	1.4	1531-51R32-39/610-45-31
	64	2 1/2	3×10,1×10	6×11	35°	3	–	2.2	1533-64R32-410/611-45-31
	64	2 1/2	4×10	8×10	40°	2	–	2.2	1531-64R32-410/810-45-31
	76	3	4×11,1×11	8×11	35°	4	1	3.5	1533-76R32-511/811-45-31
	抛物线齿 Parabolic buttons								
	48	1 7/8	3×9	6×10	30°	3	–	1.2	1531-48R32-39/610-45-51
	51	2	3×9	6×10	30°	3	–	1.4	1531-51R32-39/610-45-51
	64	2 1/2	3×10,1×10	6×11	35°	3	–	2.2	1533-64R32-410/611-45-51
	64	2 1/2	4×10	8×10	40°	2	–	2.2	1531-64R32-410/810-45-51
	76	3	4×11,1×11	8×11	35°	4	1	3.5	1533-76R32-511/811-45-51

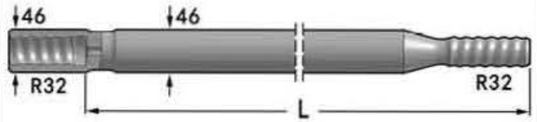
钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿扩孔钎头 Dome bit for reaming	圆齿 Spherical buttons								
	76	3	1×13	9×13	35°	3	1	2.0	1441-76R32-113/913-45-31
	89	3 1/2	1×13	14×13	35°	2	2	2.6	1441-89R32-113/1413-45-31
	102	4	1×13	16×13	35°	2	2	3.2	1441-102R32-113/1613-45-31
	127	5	1×13	18×13	35°	3	1	4.8	1441-127R32-113/1813-45-31
	抛物线齿 Parabolic buttons								
	76	3	1×13	9×13	35°	3	1	2.0	1441-76R32-113/913-45-51
	89	3 1/2	1×13	14×13	35°	2	2	2.6	1441-89R32-113/1413-45-51
	102	4	1×13	16×13	35°	2	2	3.2	1441-102R32-113/1613-45-51
	127	5	1×13	18×13	35°	3	1	4.8	1441-127R32-113/1813-45-51
十字型钎头 Cross-type bits	45	1 3/4	16×10		–	1	4	0.9	1221-45R32-16/10-42-23
	48	1 7/8	16×10		–	1	4	0.9	1221-48R32-16/10-42-23
	51	2	16×10		–	1	4	1.2	1221-51R32-16/10-42-23
	57	2 1/4	16×10		–	1	4	1.3	1221-57R32-16/10-42-23
	64	2 1/2	18×13		–	1	4	1.5	1221-64R32-18/13-42-23

钎杆 Drill rod	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod R32-Round32-R32 内孔 Flushing hole 9.2mm. 扳手槽 Wrench flat 25.4mm. 	915	3'	32	1 1/4	5.4	23R32-R32-0915-23
	1000	3'33/8"	32	1 1/4	5.9	23R32-R32-1000-23
	1220	4'	32	1 1/4	7.2	23R32-R32-1220-23
	1830	6'	32	1 1/4	10.8	23R32-R32-1830-23
	2435	8'	32	1 1/4	14.3	23R32-R32-2435-23
	3050	10'	32	1 1/4	17.9	23R32-R32-3050-23
	3660	12'	32	1 1/4	21.5	23R32-R32-3660-23
快接钎杆 MF-rod R32-Round32-R32 内孔 Flushing hole 9.2mm. 扳手槽 Wrench flat 25.4mm. 	915	3'	32	1 1/4	6.2	24R32-R32/46-0915-23
	1220	4'	32	1 1/4	8.0	24R32-R32/46-1220-23
	1525	5'	32	1 1/4	9.8	24R32-R32/46-1525-23
	1830	6'	32	1 1/4	11.6	24R32-R32/46-1830-23
	2435	8'	32	1 1/4	15.1	24R32-R32/46-2435-23
	3050	10'	32	1 1/4	18.7	24R32-R32/46-3050-23
	3660	12'	32	1 1/4	22.3	24R32-R32/46-3660-23
导向快接钎杆 Guide speedrod R32-Round39-R32 内孔 Flushing hole 14.5mm. 	3050	10'	39	1 1/2	27.0	24R39-R32/46-3050-23
	3660	12'	39	1 1/2	32.0	24R39-R32/46-3660-23

导向钻杆 Guide tube

长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
1220	4'	46	1 3/4	10.0	24R46-R32/46-1220-23
1525	5'	46	1 3/4	12.5	24R46-R32/46-1525-23
1830	6'	46	1 3/4	14.2	24R46-R32/46-1830-23
3050	10'	46	1 3/4	25.0	24R46-R32/46-3050-23

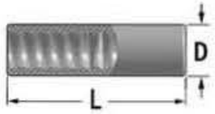
导向钻杆 Guide tube
D46适用51－64mm钎头
D46 for bits from 51-64mm

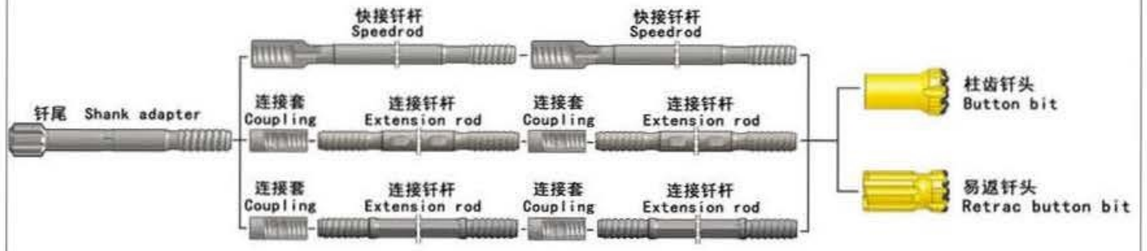


连接套 Coupling

长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
150	6 1/8	44	1 3/4	R32	1.0	31-R32-44-150-23
160	6 1/4	44	1 3/4	R32	1.1	31-R32-44-160-23

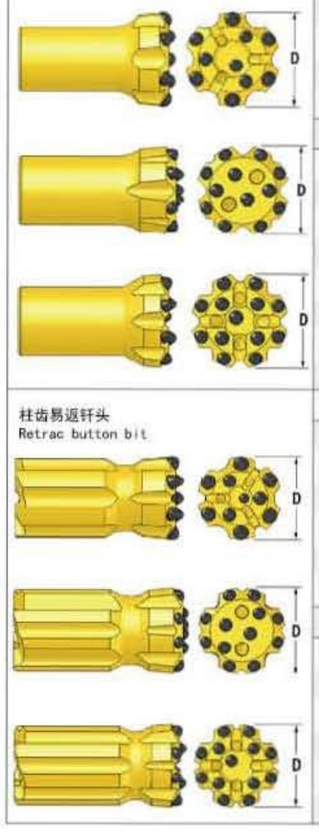
同径连接套 Coupling sleeves





钎头 Drill bit

钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	合金数量×直径 No×button diameter 倾角 Angle	水孔数量 Flushing hole 正 Front	水孔数量 Flushing hole 侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿形钎头 Button bit								
圆齿 Spherical buttons								
64	2 1/2	3×11	6×12	35°	3	-	1.8	1431-64HL38-311/612-45-31
70	2 3/4	4×11	8×11	40°	2	-	1.9	1431-70HL38-411/811-45-31
70	2 3/4	4×10, 1×10	8×11	30°	4	-	1.9	1432-70HL38-510/811-45-31
70	2 3/4	3×10, 1×10	6×12	35°	3	-	1.8	1433-70HL38-410/612-45-31
76	3	4×11	8×11	40°	2	-	2.4	1431-76HL38-411/811-45-31
76	3	3×11, 1×11	6×12	35°	3	1	2.6	1433-76HL38-411/612-45-31
76	3	4×11, 1×11	8×12	35°	4	-	2.6	1432-76HL38-511/812-45-31
89	3 1/2	5×12	8×12	35°	2	-	3.3	1431-89HL38-512/812-45-31
89	3 1/2	4×13, 1×13	8×13	35°	4	-	3.3	1432-89HL38-513/813-45-31
抛物线齿 Parabolic buttons								
64	2 1/2	3×11	6×12	35°	3	-	1.8	1431-64HL38-311/612-45-51
70	2 3/4	4×11	8×11	40°	2	-	1.9	1431-70HL38-411/811-45-51
70	2 3/4	4×10, 1×10	8×11	30°	4	-	1.9	1432-70HL38-510/811-45-51
76	3	4×11	8×11	40°	2	-	2.4	1431-76HL38-411/811-45-51
76	3	3×11, 1×11	6×13	35°	3	1	2.6	1433-76HL38-411/613-45-51
76	3	4×11, 1×11	8×12	35°	4	-	2.6	1432-76HL38-511/812-45-51
89	3 1/2	5×12	8×12	35°	2	-	3.3	1433-89HL38-512/812-45-51
89	3 1/2	4×13, 1×13	8×13	35°	4	-	3.3	1432-89HL38-513/813-45-51
柱齿易返钎头 Retrac button bit								
圆齿 Spherical buttons								
64	2 1/2	3×10, 1×10	6×11	35°	3	-	2.2	1533-64HL38-410/611-45-31
70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.4	1532-70HL38-510/811-45-31
76	3	4×11, 1×11	8×11	40°	4	-	3.3	1532-76HL38-511/811-45-31
76	3	4×11, 1×11	8×12	35°	4	-	3.3	1532-76HL38-511/812-45-31
89	3 1/2	5×12	8×12	35°	2	-	4.8	1531-89HL38-512/812-45-31
89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.8	1532-89HL38-513/813-45-31
抛物线齿 Parabolic buttons								
64	2 1/2	3×10, 1×10	6×11	35°	3	-	2.2	1533-64HL38-410/611-45-51
70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.4	1532-70HL38-510/811-45-51
76	3	4×11, 1×11	8×11	40°	4	-	3.3	1532-76HL38-511/811-45-51
76	3	4×11, 1×11	8×12	35°	4	-	3.3	1532-76HL38-511/812-45-51
89	3 1/2	5×12	8×12	35°	2	-	4.8	1531-89HL38-512/812-45-51
89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.8	1532-89HL38-513/813-45-51

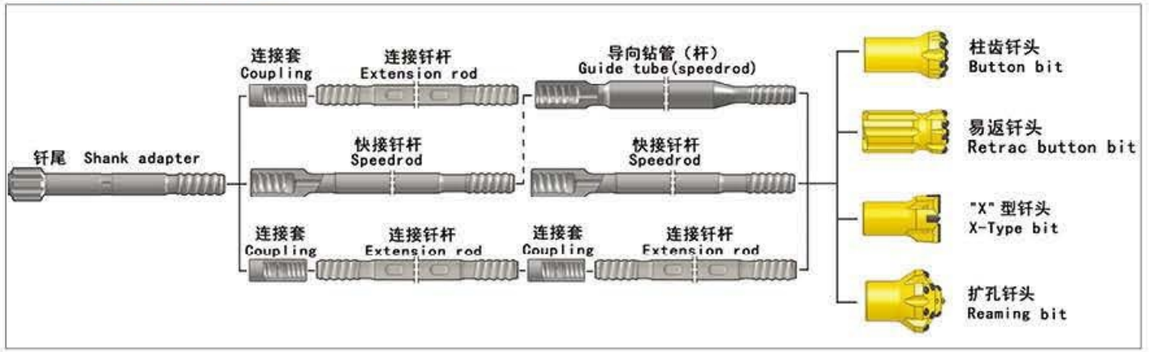


钎杆 Drill rod

长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
连接钎杆 Extension rod HL38-Round39-HL38 内孔 Flushing hole 14.5mm. 扳手槽 Wrench flat 32mm.					
1220	4'	39	1 1/2	10.2	23R39-HL38-1220-23
1525	5'	39	1 1/2	12.8	23R39-HL38-1525-23
1830	6'	39	1 1/2	15.3	23R39-HL38-1830-23
2435	8'	39	1 1/2	20.4	23R39-HL38-2435-23
3050	10'	39	1 1/2	25.5	23R39-HL38-3050-23
3660	12'	39	1 1/2	30.9	23R39-HL38-3660-23
3965	13'	39	1 1/2	33.2	23R39-HL38-3965-23
4270	14'	39	1 1/2	35.7	23R39-HL38-4270-23
4880	16'	39	1 1/2	41.0	23R39-HL38-4880-23
5530	18'11/2"	39	1 1/2	46.3	23R39-HL38-5530-23
6095	20'	39	1 1/2	50.9	23R39-HL38-6095-23
快接钎杆 MF-rod HL38-Round39-HL38 内孔 Flushing hole 14.5mm.					
915	3'	39	1 1/2	10.7	24R39-HL38/57-0915-23
1220	4'	39	1 1/2	13.3	24R39-HL38/57-1220-23
1525	5'	39	1 1/2	15.8	24R39-HL38/57-1525-23
1830	6'	39	1 1/2	18.3	24R39-HL38/57-1830-23
3050	10'	39	1 1/2	28.5	24R39-HL38/57-3050-23
3660	12'	39	1 1/2	33.6	24R39-HL38/57-3660-23
4270	14'	39	1 1/2	38.7	24R39-HL38/57-4270-23
4880	16'	39	1 1/2	43.7	24R39-HL38/57-4880-23
5530	18'11/2"	39	1 1/2	49.2	24R39-HL38/57-5530-23
6095	20'	39	1 1/2	53.9	24R39-HL38/57-6095-23
六方连接杆 Hex. extension rod HL38-Hex32-HL38 内孔 Flushing hole 9.6mm.					
1220	4'	32	1 1/4	8.6	23H32-HL38-1220-23
1830	6'	32	1 1/4	12.6	23H32-HL38-1830-23
2435	8'	32	1 1/4	16.6	23H32-HL38-2435-23
3050	10'	32	1 1/4	20.8	23H32-HL38-3050-23
3660	12'	32	1 1/4	24.9	23H32-HL38-3660-23

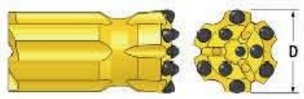
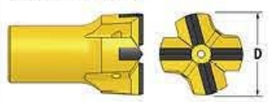
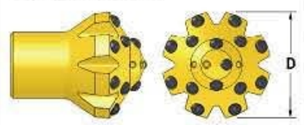
连接套 Coupling

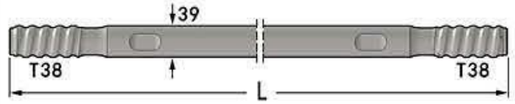
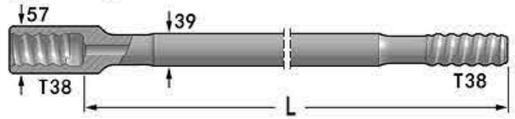
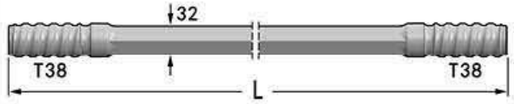
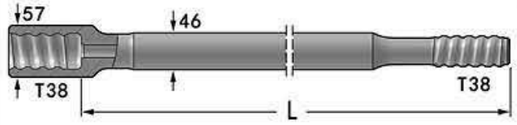
长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
同径连接套 Coupling sleeves						
170	6 3/4	55	2 5/32	HL38	1.9	31-HL38-55-170-23
190	7 1/2	55	2 5/32	HL38	2.1	31-HL38-55-190-23



钎头 Drill bit

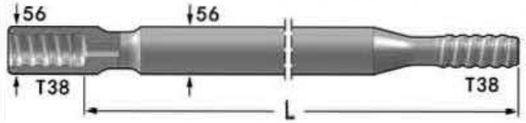
钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	边齿 Gauge	倾角 Angle	水孔数量 Flushing hole 正 Front	侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿形钎头 Button bit								
圆齿 Spherical buttons								
64	2 1/2	3×11	6×12	35°	3	–	1.8	1431-64T38-311/612-45-31
64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64T38-410/810-45-31
64	2 1/2	3×10,1×10	6×11	35°	3	–	1.7	1433-64T38-410/611-45-31
70	2 3/4	4×11	8×11	40°	2	–	1.9	1431-70T38-411/811-45-31
70	2 3/4	4×10,1×10	8×11	30°	4	–	1.9	1432-70T38-510/811-45-31
70	2 3/4	3×10,1×10	6×12	35°	3	–	1.8	1433-70T38-410/612-45-31
76	3	4×11	8×11	40°	2	–	2.4	1431-76T38-411/811-45-31
76	3	5×11	8×13	35°	2	1	2.4	1431-76T38-511/813-45-31
76	3	3×11,1×11	6×12	35°	3	1	2.6	1433-76T38-411/612-45-31
76	3	4×11,1×11	8×12	35°	4	–	2.6	1432-76T38-511/812-45-31
76	3	4×11,1×11	8×11	40°	4	–	2.6	1432-76T38-511/811-45-31
89	3 1/2	4×13	8×13	40°	2	–	3.3	1431-89T38-413/813-45-31
89	3 1/2	5×13	8×13	35°	2	–	3.3	1431-89T38-513/813-45-31
89	3 1/2	6×11	8×12	35°	2	–	3.3	1431-89T38-611/812-45-31
89	3 1/2	3×11,2×11	6×13	35°	3	1	3.3	1433-89T38-511/613-45-31
89	3 1/2	4×11,1×11	8×13	35°	4	–	3.3	1433-89T38-511/813-45-31
89	3 1/2	4×13,1×13	8×13	35°	4	–	3.3	1432-89T38-513/813-45-31
抛物线齿 Parabolic buttons								
64	2 1/2	3×11	6×12	35°	3	–	1.8	1431-64T38-311/612-45-51
64	2 1/2	4×10	8×10	40°	2	–	1.6	1431-64T38-410/810-45-51
64	2 1/2	3×10,1×10	6×11	35°	3	–	1.7	1433-64T38-410/611-45-51
70	2 3/4	4×11	8×11	40°	2	–	1.9	1431-70T38-411/811-45-51
70	2 3/4	3×10,1×10	6×12	35°	3	–	1.8	1433-70T38-410/612-45-51
76	3	4×11	8×11	40°	2	–	2.4	1431-76T38-411/811-45-51
76	3	5×11	8×13	35°	2	1	2.4	1431-76T38-511/813-45-51
76	3	3×11,1×11	6×13	35°	3	1	2.6	1433-76T38-411/613-45-51
76	3	4×11,1×11	8×12	35°	4	–	2.6	1432-76T38-511/812-45-51
76	3	4×11,1×11	8×11	40°	4	–	2.6	1432-76T38-511/811-45-51
89	3 1/2	5×13	8×13	35°	2	–	3.3	1431-89T38-513/813-45-51
89	3 1/2	6×11	8×12	35°	2	–	3.3	1431-89T38-611/812-45-51
89	3 1/2	3×11,2×11	6×13	35°	3	1	3.3	1433-89T38-511/613-45-51
89	3 1/2	4×11,1×11	8×13	35°	4	–	3.3	1433-89T38-511/813-45-51
89	3 1/2	4×13,1×13	8×13	35°	4	–	3.3	1432-89T38-513/813-45-51

钎头 Drill bit	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	边齿 Gauge	倾角 Angle	水孔数量 Flushing hole 正 Front	侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	64	2 1/2	4×10	8×10	30°	2	-	2.2	1531-64T38-410/810-45-31
	64	2 1/2	3×10, 1×10	6×11	35°	3	-	2.2	1533-64T38-410/611-45-31
	70	2 3/4	4×11	8×11	40°	2	-	2.4	1531-70T38-411/811-45-31
	70	2 3/4	3×10, 1×10	6×13	35°	3	-	2.4	1533-70T38-410/613-45-31
	70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.4	1632-70T38-510/811-45-31
	76	3	4×11	8×11	40°	2	-	3.3	1531-76T38-411/811-45-31
	76	3	4×11, 1×11	8×11	35°	4	-	3.3	1632-76T38-511/811-45-31
	76	3	4×11, 1×11	8×12	35°	4	-	3.3	1632-76T38-511/812-45-31
	89	3 1/2	4×13	8×13	40°	2	-	4.8	1531-89T38-413/813-45-31
	89	3 1/2	5×13	8×13	35°	2	-	4.8	1531-89T38-513/813-45-31
	89	3 1/2	6×11	8×12	35°	2	-	4.8	1531-89T38-611/812-45-31
	89	3 1/2	4×11, 1×11	8×13	35°	4	-	4.8	1533-89T38-511/813-45-31
	89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.8	1632-89T38-513/813-45-31
	抛物线齿 Parabolic buttons								
	64	2 1/2	4×10	8×10	30°	2	-	2.2	1531-64T38-410/810-45-51
	64	2 1/2	3×10, 1×10	6×11	35°	3	-	2.2	1533-64T38-410/611-45-51
	70	2 3/4	4×11	8×11	40°	2	-	2.4	1531-70T38-411/811-45-51
	70	2 3/4	3×10, 1×10	6×13	35°	3	-	2.4	1533-70T38-410/613-45-51
	70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.4	1632-70T38-510/811-45-51
	76	3	4×11	8×11	40°	2	-	3.3	1531-76T38-411/811-45-51
	76	3	4×11, 1×11	8×11	35°	4	-	3.3	1632-76T38-511/811-45-51
	76	3	4×11, 1×11	8×12	35°	4	-	3.3	1632-76T38-511/812-45-51
	89	3 1/2	4×13	8×13	40°	2	-	4.8	1531-89T38-413/813-45-51
	89	3 1/2	5×13	8×13	35°	2	-	4.8	1531-89T38-513/813-45-51
	89	3 1/2	6×11	8×12	35°	2	-	4.8	1531-89T38-611/812-45-51
	89	3 1/2	4×11, 1×11	8×13	35°	4	-	4.8	1533-89T38-611/813-45-51
	89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.8	1632-89T38-513/813-45-51
X型钎头 X-type bit	64	2 1/2	25×13		-	1	2	1.9	1321-64T38-25/13-42-23
	76	3	25×13		-	1	2	2.5	1321-76T38-25/13-42-23
	89	3 1/2	25×13		-	1	2	2.8	1321-89T38-25/13-42-23
柱齿扩孔钎头 Dome bit for reaming	圆齿 Spherical buttons								
	102	4	1×13	16×13	35°	2	2	3.8	1441-102T38-113/1613-45-31
	127	5	1×13	18×13	35°	1	3	5.2	1441-127T38-113/1813-45-31
	抛物线齿 Parabolic buttons								
	102	4	1×13	16×13	35°	2	2	3.8	1441-102T38-113/1613-45-51
	127	5	1×13	18×13	35°	1	3	5.2	1441-127T38-113/1813-45-51

钎杆 Drill rod	长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
连接钎杆 Extension rod T38-Round39-T38 内孔 Flushing hole 14.5mm. 扳手槽 Wrench flat 32mm. 	1220	4'	39	1 1/2	10.2	23R39-T38-1220-23
	1525	5'	39	1 1/2	12.8	23R39-T38-1525-23
	1830	6'	39	1 1/2	15.3	23R39-T38-1830-23
	2435	8'	39	1 1/2	20.4	23R39-T38-2435-23
	3050	10'	39	1 1/2	25.5	23R39-T38-3050-23
	3660	12'	39	1 1/2	30.9	23R39-T38-3660-23
	3965	13'	39	1 1/2	33.2	23R39-T38-3965-23
	4270	14'	39	1 1/2	35.7	23R39-T38-4270-23
	4880	16'	39	1 1/2	41.0	23R39-T38-4880-23
	5530	18'11/2"	39	1 1/2	46.3	23R39-T38-5530-23
	6095	20'	39	1 1/2	50.9	23R39-T38-6095-23
快接钎杆 MF-rod T38-Round39-T38 内孔 Flushing hole 14.5mm. 	915	3'	39	1 1/2	10.7	24R39-T38/57-0915-23
	1220	4'	39	1 1/2	13.3	24R39-T38/57-1220-23
	1525	5'	39	1 1/2	15.8	24R39-T38/57-1525-23
	1830	6'	39	1 1/2	18.3	24R39-T38/57-1830-23
	3050	10'	39	1 1/2	28.5	24R39-T38/57-3050-23
	3660	12'	39	1 1/2	33.6	24R39-T38/57-3660-23
	4270	14'	39	1 1/2	38.7	24R39-T38/57-4270-23
	4880	16'	39	1 1/2	43.7	24R39-T38/57-4880-23
	5530	18'11/2"	39	1 1/2	49.2	24R39-T38/57-5530-23
	6095	20'	39	1 1/2	53.9	24R39-T38/57-6095-23
六方连接钎杆 Hex. extension rod T38-Hex32-T38 内孔 Flushing hole 9.6mm. 	1220	4'	32	1 1/4	8.6	23H32-T38-1220-23
	1830	6'	32	1 1/4	12.6	23H32-T38-1830-23
	2435	8'	32	1 1/4	16.6	23H32-T38-2435-23
	3050	10'	32	1 1/4	20.8	23H32-T38-3050-23
	3660	12'	32	1 1/4	24.9	23H32-T38-3660-23
双头螺纹钎杆 Double thread rod T38-Round39-T38 内孔 Flushing hole 14.5mm. 扳手槽 Wrench flat 32mm. 	3050	10'	46	1 3/4	25.7	23R39-T38/2T38-3050-23
	3660	12'	46	1 3/4	30.9	23R39-T38/2T38-3660-23
导向快接钎杆 Guide speedrod T38-Round46-T38 内孔 Flushing hole 17mm. 	1830	6'	46	1 3/4	23.5	24R46-T38/57-1830-23
	3050	10'	46	1 3/4	37.2	24R46-T38/57-3050-23
	3660	12'	46	1 3/4	44.0	24R46-T38/57-3660-23
	4270	14'	46	1 3/4	50.9	24R46-T38/57-4270-23
	4880	16'	46	1 3/4	57.7	24R46-T38/57-4880-23
	5530	18'11/2"	46	1 3/4	65.0	24R46-T38/57-5530-23
	6095	20'	46	1 3/4	71.3	24R46-T38/57-6095-23

导向钻杆 Guide tube

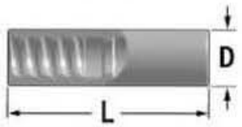
导向钻杆 Guide tube
D56适用64－76mm钎头，D64适用76－89mm钎头
D56 for bits from 64-76mm and D64 for bits from 76-89mm



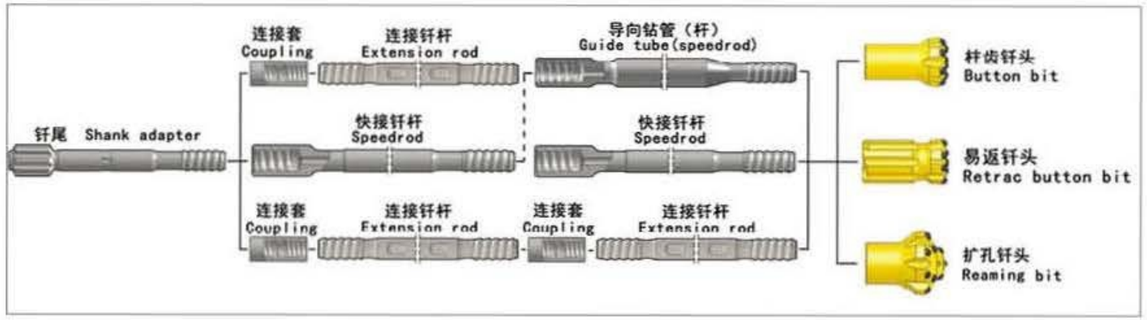
长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
1220	4'	56	2 1/8	12.6	24056-T38/56-1220-23
1525	5'	56	2 1/8	14	24056-T38/56-1525-23
1830	6'	56	2 1/8	17.4	24056-T38/56-1830-23
3050	10'	56	2 1/8	28.3	24056-T38/56-3050-23
3660	12'	56	2 1/8	32.8	24056-T38/56-3660-23
4920	16'2"	56	2 1/8	47.9	24056-T38/56-4920-23
3660	12'	64	2 1/2	51	24064-T38/64-3660-23

连接套 Coupling

同径连接套 Coupling sleeves

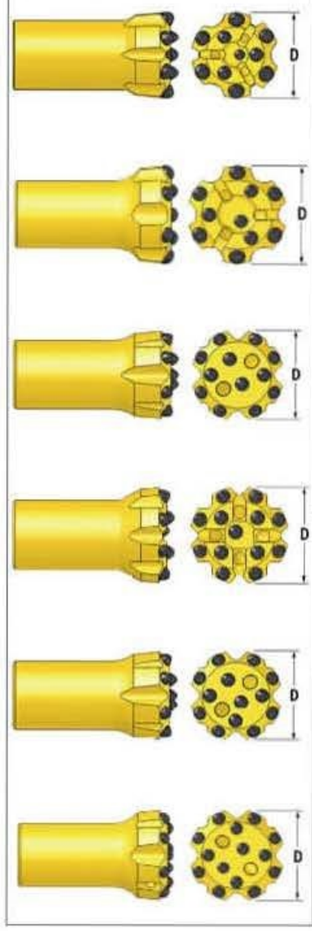


长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
190	7 1/2	55	2 5/32	T38	2.1	31-T38-55-190-23

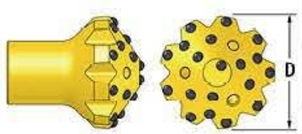


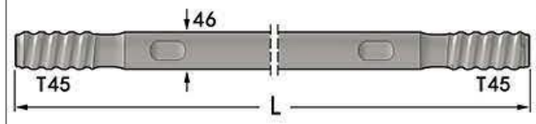
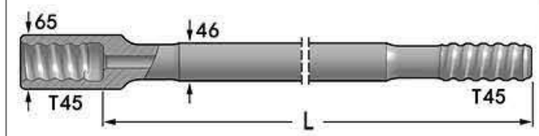
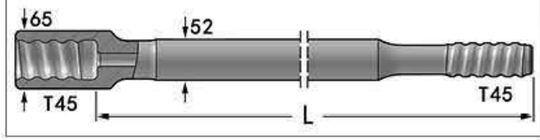
钎头 Drill bit

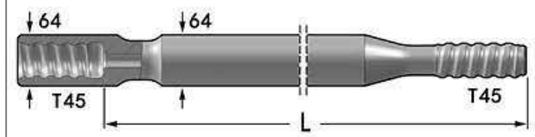
柱齿形钎头
Button bit

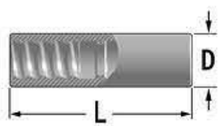


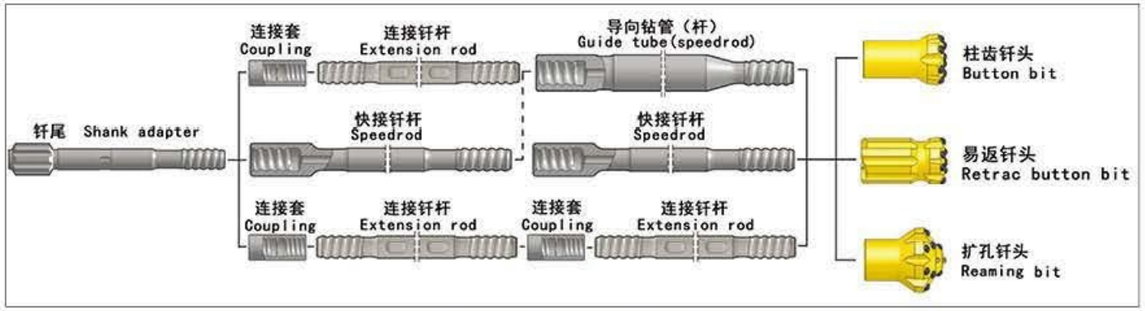
钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	合金数量×直径 No×button diameter 倾角 Angle	水孔数量 Flushing hole 正 Front	水孔数量 Flushing hole 侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
圆齿 Spherical buttons								
70	2 3/4	4×11	8×11	40°	2	-	2.3	1431-70T45-411/811-45-31
70	2 3/4	3×11, 1×9	6×11	35°	3	-	2.2	1433-70T45-411/611-45-31
70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.2	1432-70T45-510/811-45-31
76	3	4×11	8×11	40°	2	-	2.6	1431-76T45-411/811-45-31
76	3	5×11	8×12	35°	2	1	2.6	1431-76T45-511/812-45-31
76	3	3×11, 1×11	6×13	35°	3	-	2.4	1433-76T45-411/613-45-31
76	3	4×11, 1×11	8×12	35°	4	-	2.6	1432-76T45-511/812-45-31
89	3 1/2	4×13	8×13	40°	2	-	4.6	1431-89T45-413/813-45-31
89	3 1/2	6×11	8×12	35°	2	-	4.6	1431-89T45-611/812-45-31
89	3 1/2	3×11, 2×11	6×13	35°	3	1	4.1	1433-89T45-511/613-45-31
89	3 1/2	4×11, 1×11	8×12	35°	4	-	4.6	1433-89T45-511/812-45-31
89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.6	1432-89T45-513/813-45-31
102	4	5×14	8×14	40°	2	-	5.0	1431-102T45-514/814-45-31
102	4	6×13	8×16	40°	2	1	5.0	1431-102T45-613/816-45-31
102	4	3×13, 2×13	6×14	35°	3	1	4.5	1433-102T45-513/614-45-31
102	4	4×13, 1×13	8×14	35°	4	-	4.5	1433-102T45-513/814-45-31
102	4	4×13, 2×13	8×13	35°	4	1	4.5	1433-102T45-613/813-45-31
抛物线齿 Parabolic buttons								
70	2 3/4	3×11, 1×9	6×11	35°	3	-	2.2	1433-70T45-411/611-45-51
70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.2	1432-70T45-510/811-45-51
76	3	4×11	8×11	40°	2	-	2.6	1431-76T45-411/811-45-51
76	3	5×11	8×12	35°	2	1	2.6	1431-76T45-511/812-45-51
76	3	3×11, 1×11	6×13	35°	3	1	2.4	1433-76T45-411/613-45-51
76	3	4×11, 1×11	8×11	35°	4	-	2.6	1432-76T45-511/811-45-51
76	3	4×11, 1×11	8×12	35°	4	-	2.6	1432-76T45-511/812-45-51
89	3 1/2	4×13	8×13	40°	2	-	4.6	1431-89T45-413/813-45-51
89	3 1/2	6×11	8×12	35°	2	-	4.6	1431-89T45-611/812-45-51
89	3 1/2	3×11, 2×11	6×13	35°	3	1	4.1	1433-89T45-511/613-45-51
89	3 1/2	4×11, 1×11	8×12	35°	4	-	4.6	1433-89T45-511/812-45-51
89	3 1/2	4×13, 1×13	8×13	35°	4	-	4.6	1432-89T45-513/813-45-51

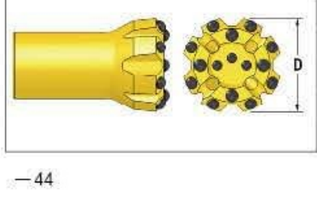
钎头 Drill bit	钎头直径 Diameter		合金数量×直径 No.×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	70	2 3/4	4×11	8×11	40°	2	-	2.5	1531-70T45-411/811-45-31
	70	2 3/4	3×11, 1×9	6×11	35°	3	-	2.5	1533-70T45-411/611-45-31
	70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.5	1632-70T45-510/811-45-31
	76	3	4×11	8×11	40°	2	-	3.2	1531-76T45-411/811-45-31
	76	3	5×11	8×12	35°	2	1	3.2	1531-76T45-511/812-45-31
	76	3	3×11, 1×11	6×13	35°	3	-	3.2	1533-76T45-411/613-45-31
	76	3	4×11, 1×11	8×11	35°	4	-	3.2	1632-76T45-511/811-45-31
	76	3	4×11, 1×11	8×12	35°	4	-	3.2	1632-76T45-511/812-45-31
	89	3 1/2	4×13	8×13	40°	2	-	5.4	1531-89T45-413/813-45-31
	89	3 1/2	6×11	8×12	35°	2	-	5.4	1531-89T45-611/812-45-31
	89	3 1/2	3×11, 2×11	6×13	35°	3	1	5.4	1533-89T45-511/613-45-31
	89	3 1/2	4×11, 1×11	8×12	35°	4	-	5.4	1533-89T45-511/812-45-31
	89	3 1/2	4×13, 1×13	8×13	35°	4	-	5.4	1632-89T45-513/813-45-31
	102	4	5×14	8×14	40°	2	-	6.8	1531-102T45-514/814-45-31
	102	4	6×13	8×16	40°	2	1	6.8	1531-102T45-613/816-45-31
	102	4	3×13, 2×13	6×14	35°	3	1	6.8	1533-102T45-513/614-45-31
	102	4	4×13, 1×13	8×14	35°	4	-	6.8	1533-102T45-513/814-45-31
	102	4	4×13, 2×13	8×13	35°	4	1	6.8	1533-102T45-613/813-45-31
	抛物线齿 Parabolic buttons								
	70	2 3/4	3×11, 1×9	6×11	35°	3	-	2.5	1533-70T45-411/611-45-51
	70	2 3/4	4×10, 1×10	8×11	35°	4	-	2.5	1632-70T45-510/811-45-51
	76	3	4×11	8×11	40°	2	-	3.2	1531-76T45-411/811-45-51
	76	3	5×11	8×12	35°	2	1	3.2	1531-76T45-511/812-45-51
	76	3	3×11, 1×11	6×13	35°	3	1	3.2	1533-76T45-411/613-45-51
	76	3	4×11, 1×11	8×11	35°	4	-	3.2	1632-76T45-511/811-45-51
	76	3	4×11, 1×11	8×12	35°	4	-	3.2	1632-76T45-511/812-45-51
	89	3 1/2	4×13	8×13	40°	2	-	5.4	1531-89T45-413/813-45-51
	89	3 1/2	6×11	8×12	35°	2	-	5.4	1531-89T45-611/812-45-51
	89	3 1/2	3×11, 2×11	6×13	35°	3	1	5.4	1533-89T45-511/613-45-51
	89	3 1/2	4×11, 1×11	8×12	35°	4	-	5.4	1533-89T45-511/812-45-51
	89	3 1/2	4×13, 1×13	8×13	35°	4	-	5.4	1632-89T45-513/813-45-51
柱齿扩孔钎头 Dome bit for reaming	圆齿 Spherical buttons								
	127	5	1×13	18×13	35°	3	1	6.0	1441-127T45-113/1813-45-31
	152	6	2×14	18×14	35°	3	1	10.6	1441-152T45-214/1814-45-31
	抛物线齿 Parabolic buttons								
	127	5	1×13	18×13	35°	3	1	6.0	1441-127T45-113/1813-45-51
	152	6	2×14	18×14	35°	3	1	10.6	1441-152T45-214/1814-45-51

钎杆 Drill rod	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod T45-Round46-T45 内孔 Flushing hole 17mm. 扳手槽 Wrench flat 38mm. 	1830	6'	46	1 3/4	21.6	23R46-T45-1830-23
	2435	8'	46	1 3/4	28.3	23R46-T45-2435-23
	3050	10'	46	1 3/4	35.2	23R46-T45-3050-23
	3660	12'	46	1 3/4	42.1	23R46-T45-3660-23
	4270	14'	46	1 3/4	48.9	23R46-T45-4270-23
	5530	18'	46	1 3/4	63.0	23R46-T45-5530-23
	6095	20'	46	1 3/4	69.3	23R46-T45-6095-23
快接钎杆 MF-rod T45-Round46-T45 内孔 Flushing hole 17mm. 	1525	5'	46	1 3/4	21.2	24R46-T45/65-1525-23
	1830	6'	46	1 3/4	24.6	24R46-T45/65-1830-23
	3050	10'	46	1 3/4	38.2	24R46-T45/65-3050-23
	3660	12'	46	1 3/4	45.0	24R46-T45/65-3660-23
	4270	14'	46	1 3/4	51.9	24R46-T45/65-4270-23
	5530	18'	46	1 3/4	66.0	24R46-T45/65-5530-23
	6095	20'	46	1 3/4	72.3	24R46-T45/65-6095-23
导向快接钎杆 Guide speedrod T45-Round52-T45 内孔 Flushing hole 21.5mm. 	3050	10'	52	2	46.6	24R52-T45/65-3050-23
	3660	12'	52	2	55.8	24R52-T45/65-3660-23
	4270	14'	52	2	63.8	24R52-T45/65-4270-23
	5530	18'	52	2	81.5	24R52-T45/65-5530-23
	6095	20'	52	2	89.4	24R52-T45/65-6095-23

导向钻杆 Guide tube	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch		
导向钻杆 Guide tube D64适用76—89mm钎头，D76适用89—102mm钎头 D64 for bits from 76-89mm and D76 for bits from 89-102mm 	1220	4'	64	2 1/8	12.6	24G64-T45/64-1220-23
	1525	5'	64	2 1/8	14.0	24G64-T45/64-1525-23
	1830	6'	64	2 1/8	17.4	24G64-T45/64-1830-23
	3050	10'	64	2 1/8	28.3	24G64-T45/64-3050-23
	3660	12'	64	2 1/8	32.8	24G64-T45/64-3660-23
	1830	6'	76	3	40.0	24G76-T45/76-1830-23
	3660	12'	76	3	77.8	24G76-T45/76-3660-23

连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves 	210	8 1/4	63	2 33/64	T45	3.0	31-T45-63-210-23
	210	8 1/4	66	2 37/64	T45	3.3	31-T45-66-210-23

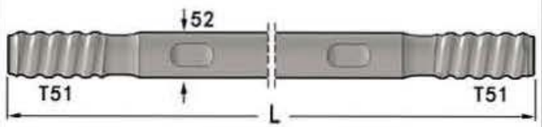


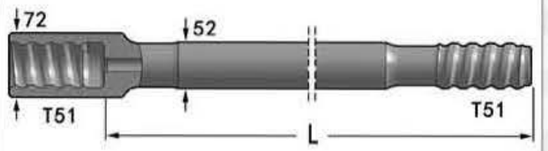
钻头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit	圆齿 Spherical buttons								
	89	3 1/2	4×13	8×13	40°	2	–	4.9	1431-89T51-413/813-45-31
	89	3 1/2	5×13	8×13	35°	2	1	4.9	1431-89T51-513/813-45-31
	89	3 1/2	3×11, 2×11	6×13	35°	4	–	4.9	1433-89T51-511/613-45-31
	89	3 1/2	4×11, 1×11	8×13	35°	4	–	4.9	1433-89T51-511/813-45-31
	89	3 1/2	4×13, 1×13	8×13	35°	4	–	4.9	1432-89T51-513/813-45-31
	102	4	4×14	8×14	40°	2	–	5.8	1431-102T51-414/814-45-31
	102	4	6×13	8×16	35°	2	1	5.8	1431-102T51-613/816-45-31
	102	4	3×13, 2×13	6×14	35°	3	1	5.2	1433-102T51-513/614-45-31
	102	4	4×13, 1×13	8×14	35°	4	–	5.8	1433-102T51-513/814-45-31
	102	4	4×13, 2×13	8×13	35°	4	1	5.8	1433-102T51-613/813-45-31
	115	4 1/2	6×14	8×14	35°	2	–	6.8	1431-115T51-614/814-45-31
	115	4 1/2	6×14	8×16	35°	2	–	6.8	1431-115T51-614/816-45-31
	115	4 1/2	4×13, 2×13	8×14	35°	4	–	6.8	1433-115T51-613/814-45-31
	115	4 1/2	4×13, 3×13	8×14	35°	4	–	6.8	1433-115T51-713/814-45-31
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	6.8	1433-115T51-614/816-45-31
	127	5	8×14	8×16	35°	2	1	7.5	1431-127T51-814/816-45-31
	127	5	4×16, 2×13	8×16	35°	4	–	7.5	1433-127T51-616/816-45-31
	127	5	4×14, 3×14	8×14	35°	4	–	7.5	1433-127T51-714/814-45-31
	抛物线齿 Parabolic buttons								
	89	3 1/2	5×13	8×13	35°	2	1	4.9	1431-89T51-513/813-45-51
	89	3 1/2	3×11, 2×11	6×13	35°	4	–	4.9	1433-89T51-511/613-45-51
	89	3 1/2	4×11, 1×11	8×13	35°	4	–	4.9	1433-89T51-511/813-45-51
	89	3 1/2	4×13, 1×13	8×13	35°	4	–	4.9	1432-89T51-513/813-45-51
	102	4	4×14	8×14	40°	2	–	5.8	1431-102T51-414/814-45-51
	102	4	6×13	8×16	35°	2	1	5.8	1431-102T51-613/816-45-51
	102	4	3×13, 2×13	6×14	35°	3	1	5.2	1433-102T51-513/614-45-51
	102	4	4×13, 1×13	8×14	35°	4	–	5.8	1433-102T51-513/814-45-51
	102	4	4×13, 2×13	8×13	35°	4	1	5.8	1433-102T51-613/813-45-51
	115	4 1/2	6×14	8×16	35°	2	–	6.8	1431-115T51-614/816-45-51
	115	4 1/2	4×13, 2×13	8×14	35°	4	–	6.8	1433-115T51-613/814-45-51
	115	4 1/2	4×13, 3×13	8×14	35°	4	–	6.8	1433-115T51-713/814-45-51
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	6.8	1433-115T51-614/816-45-51

钻头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	89	3 1/2	4×13	8×13	40°	2	–	5.3	1531-89T51-413/813-45-31
	89	3 1/2	5×13	8×13	35°	2	1	5.3	1531-89T51-513/813-45-31
	89	3 1/2	3×11, 2×11	6×13	35°	4	–	5.3	1533-89T51-511/613-45-31
	89	3 1/2	4×11, 1×11	8×13	35°	4	–	5.3	1533-89T51-511/813-45-31
	89	3 1/2	4×13, 1×13	8×13	35°	4	–	5.3	1632-89T51-513/813-45-31
	102	4	4×14	8×14	40°	2	–	7.3	1531-102T51-414/814-45-31
	102	4	6×13	8×16	35°	2	1	7.3	1531-102T51-613/816-45-31
	102	4	4×13, 1×13	8×14	35°	4	–	7.3	1533-102T51-513/814-45-31
	102	4	4×13, 2×13	8×13	35°	4	1	7.3	1533-102T51-613/813-45-31
	102	4	4×13, 1×13	8×14	35°	4	1	7.3	1533-102T51-513/814-45-31
	115	4 1/2	6×14	8×14	35°	2	–	9.8	1531-115T51-614/814-45-31
	115	4 1/2	6×14	8×16	35°	2	–	9.8	1531-115T51-614/816-45-31
	115	4 1/2	4×13, 2×13	8×14	35°	4	–	9.8	1533-115T51-613/814-45-31
	115	4 1/2	4×13, 3×13	8×14	35°	4	–	9.8	1533-115T51-713/814-45-31
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	9.8	1533-115T51-614/816-45-31
	127	5	8×14	8×16	35°	2	1	12.0	1531-127T51-814/816-45-31
	127	5	4×16, 2×13	8×16	35°	4	–	12.0	1533-127T51-616/816-45-31
	127	5	4×14, 3×14	8×14	35°	4	–	12.0	1533-127T51-714/814-45-31
	抛物线齿 Parabolic buttons								
	89	3 1/2	5×13	8×13	35°	2	1	5.3	1531-89T51-513/813-45-51
	89	3 1/2	3×11, 2×11	6×13	35°	4	–	5.3	1533-89T51-511/613-45-51
	89	3 1/2	4×11, 1×11	8×13	35°	4	–	5.3	1533-89T51-511/813-45-51
	89	3 1/2	4×13, 1×13	8×13	35°	4	–	5.3	1632-89T51-513/813-45-51
	102	4	4×14	8×14	40°	2	–	7.3	1531-102T51-414/814-45-51
	102	4	6×13	8×16	35°	2	1	7.3	1531-102T51-613/816-45-51
	102	4	4×13, 1×13	8×14	35°	4	–	7.3	1533-102T51-513/814-45-51
	102	4	4×13, 2×13	8×13	35°	4	1	7.3	1533-102T51-613/813-45-51
	102	4	4×13, 1×13	8×14	35°	4	1	7.3	1533-102T51-513/814-45-51
	115	4 1/2	6×14	8×16	35°	2	–	9.8	1531-115T51-614/816-45-51
	115	4 1/2	4×13, 2×13	8×14	35°	4	–	9.8	1533-115T51-613/814-45-51
	115	4 1/2	4×13, 3×13	8×14	35°	4	–	9.8	1533-115T51-713/814-45-51
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	9.8	1533-115T51-614/816-45-51
柱齿扩孔钎头 Dome bit for reaming	圆齿 Spherical buttons								
	152	6	2×14	18×14	35°	3	1	10.6	1441-152T51-214/1814-45-31
	抛物线齿 Parabolic buttons								
	152	6	2×14	18×14	35°	3	1	10.6	1441-152T51-214/1814-45-51

钎杆 Drill rod

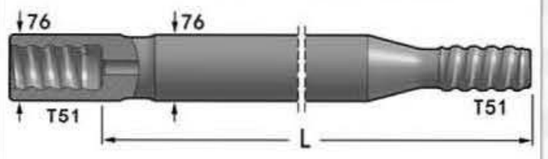
长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
连接钎杆 Extension rod T51-Round52-T51 内孔 Flushing hole 21.5mm. 扳手槽 Wrench flat 45mm.					
3050	10'	52	2	45.3	23R52-T51-3050-23
3660	12'	52	2	54.1	23R52-T51-3660-23
4270	14'	52	2	63.0	23R52-T51-4270-23
4880	16'	52	2	71.8	23R52-T51-4880-23
5530	18'	52	2	81.2	23R52-T51-5530-23
6095	20'	52	2	89.4	23R52-T51-6095-23
快接钎杆 MF-rod T51-Round52-T51 内孔 Flushing hole 21.5mm.					
1525	5'	52	2	26.2	24R52-T51/72-1525-23
1830	6'	52	2	30.6	24R52-T51/72-1830-23
3050	10'	52	2	48.3	24R52-T51/72-3050-23
3660	12'	52	2	57.1	24R52-T51/72-3660-23
4270	14'	52	2	66.0	24R52-T51/72-4270-23
4880	16'	52	2	74.8	24R52-T51/72-4880-23
5530	18'	52	2	84.2	24R52-T51/72-5530-23
6095	20'	52	2	92.4	24R52-T51/72-6095-23





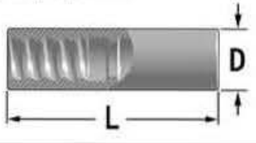
导向钻杆 Guide tube

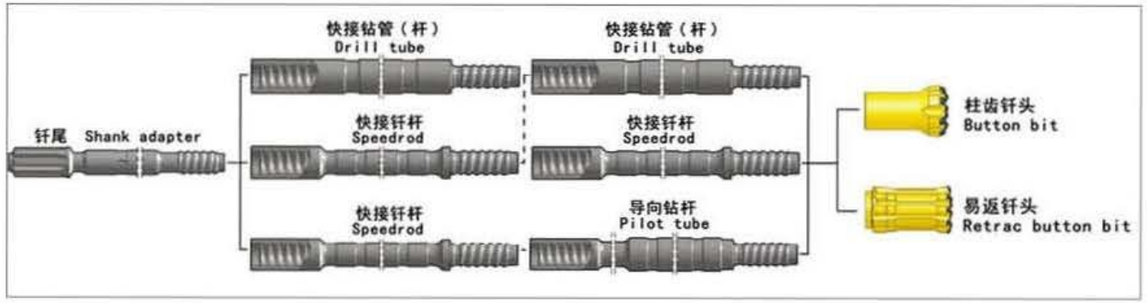
长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
导向钻杆 Guide tube D76适用89—102钎头，D87适用102—127钎头 D76 for bits from 89-102mm and D87 for bits from 102-127mm					
1830	6'	76	3	42.0	24G76-T51/76-1830-23
3660	12'	76	3	81.0	24G76-T51/76-3660-23
3660	12'	87	3 1/2	86.0	24G87-T51/87-3660-23



连接套 Coupling

长度 Length 毫米 mm	长度 Length 英寸 inch	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
同径连接套 Coupling sleeves						
225	8 7/8	71	2 51/64	T51	4.6	31-T51-71-225-23
225	8 7/8	76	3	T51	4.8	31-T51-76-225-23
235	9 1/4	72	2 7/8	T51	4.7	31-T51-72-235-23
235	9 1/4	77	3 1/32	T51	4.9	31-T51-77-235-23





钻头 Drill bit

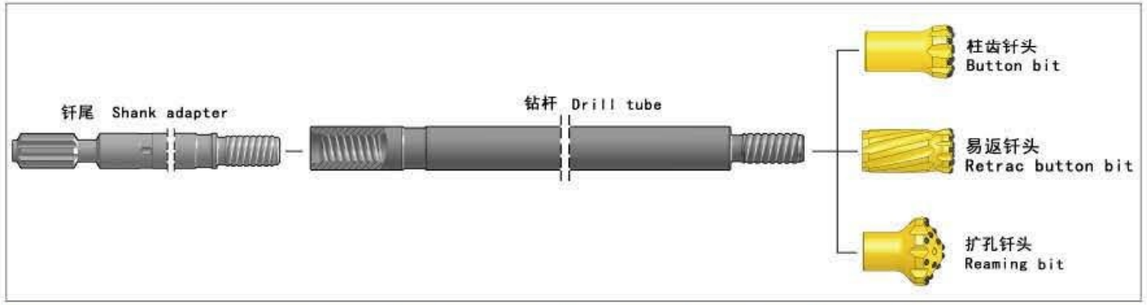
钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	合金数量×直径 No×button diameter 倾角 Angle	水孔数量 Flushing hole 正 Front	水孔数量 Flushing hole 侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿形钎头 Button bit								
圆齿 Spherical buttons								
92	3 5/8	4×13.1×13	8×13	35°	4	-	5.3	1432-92T60-513/813-45-31
96	3 3/4	4×13.1×13	8×14	35°	4	-	5.6	1432-96T60-513/814-45-31
102	4	9×11	9×13	35°	3	-	6.0	1431-102T60-911/913-45-31
115	4 1/2	10×12	9×14	35°	3	-	6.8	1431-115T60-1012/914-45-31
127	5	10×13	9×14	35°	3	-	7.5	1431-127T60-1013/914-45-31
140	5 1/2	10×14	9×16	35°	3	-	9.0	1431-140T60-1014/916-45-31
152	6	12×14	9×16	35°	3	-	10.6	1431-152T60-1214/916-45-31
抛物线齿 Parabolic buttons								
92	3 5/8	4×13.1×13	8×13	35°	4	-	5.3	1432-92T60-513/813-45-51
96	3 3/4	4×13.1×13	8×14	35°	4	-	5.6	1432-96T60-513/814-45-51
102	4	9×11	9×13	35°	3	-	6.0	1431-102T60-911/913-45-51
115	4 1/2	10×12	9×14	35°	3	-	6.8	1431-115T60-1012/914-45-51
127	5	10×13	9×14	35°	3	-	7.5	1431-127T60-1013/914-45-51
140	5 1/2	10×14	9×16	35°	3	-	9.0	1431-140T60-1014/916-45-51
152	6	12×14	9×16	35°	3	-	10.6	1431-152T60-1214/916-45-51
柱齿易返钎头 Retrac button bit								
圆齿 Spherical buttons								
92	3 5/8	9×12	9×12	40°	2	-	5.4	1531-92T60-912/912-45-31
96	3 3/4	9×12	9×12	40°	2	-	6.3	1531-96T60-912/912-45-31
102	4	10×12	9×13	40°	2	-	7.3	1531-102T60-1012/913-45-31
115	4 1/2	10×12	9×14	35°	3	-	9.8	1531-115T60-1012/914-45-31
118	4 5/8	6×13	9×16	35°	3	-	10.0	1531-118T60-613/916-45-31
127	5	10×13	9×14	35°	3	-	12.0	1531-127T60-1013/914-45-31
140	5 1/2	10×14	9×16	35°	3	-	14.0	1531-140T60-1014/916-45-31
152	6	12×14	9×16	35°	3	-	16.0	1531-152T60-1214/916-45-31
抛物线齿 Parabolic buttons								
92	3 5/8	9×12	9×12	40°	2	-	5.4	1531-92T60-912/912-45-51
96	3 3/4	9×12	9×12	40°	2	-	6.3	1531-96T60-912/912-45-51
102	4	10×12	9×13	40°	2	-	7.3	1531-102T60-1012/913-45-51
115	4 1/2	10×12	9×14	40°	3	-	9.8	1531-115T60-1012/914-45-51
118	4 5/8	6×13	9×16	35°	3	-	10.0	1531-118T60-613/916-45-51
127	5	10×13	9×14	35°	3	-	12.0	1531-127T60-1013/914-45-51
140	5 1/2	10×14	9×16	35°	3	-	14.0	1531-140T60-1014/916-45-51
152	6	12×14	9×16	35°	3	-	16.0	1531-152T60-1214/916-45-51



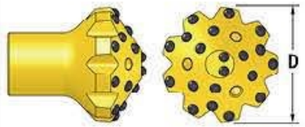


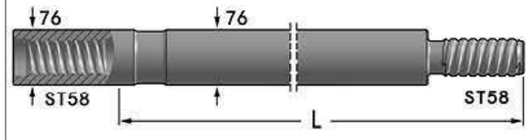


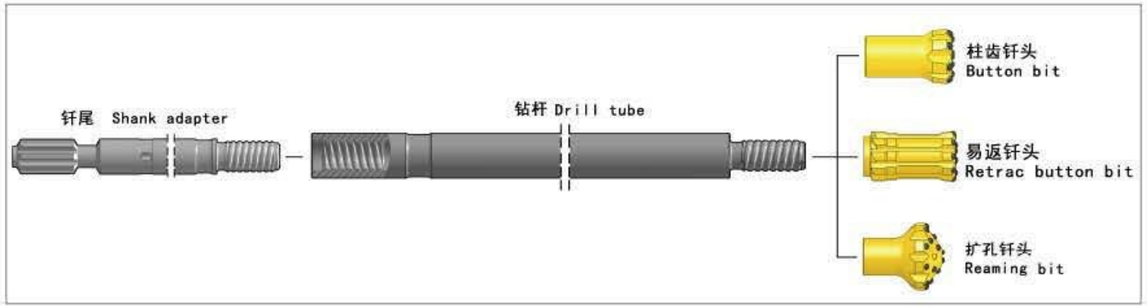
钎杆 Drill rod	长度 Length 毫米 mm	长度 Length 英尺 Foot	外径 Diameter 毫米 mm	外径 Diameter 英寸 inch	重量 Weight approx kg	三力型号 SANLYTOLS P/N
快接钎杆 适用于96mm钎头 MF-rod, For bits from 96mm 内孔 Flushing hole 22.5mm.	3660	12'	60	2 3/8	73.9	24R60-T60/85-3600-23
	4265	14'	60	2 3/8	85.5	24R60-T60/85-4265-23
	6095	20'	60	2 3/8	116.6	24R60-T60/85-6095-23
	4265	14'	64	2 1/2	95.0	24R64-T60/85-4265-23
快接钎杆 适用于92-115mm钎头 MF-rod, For bits from 92-115mm 内孔 Flushing hole 22.6mm.	3660	12'	60	2 3/8	73.9	24R60-T60/82-3600-23
	4265	14'	60	2 3/8	85.5	24R60-T60/82-4265-23
	6095	20'	60	2 3/8	116.6	24R60-T60/82-6095-23
导向钻杆 快接头直径85mm（76mm钻杆直径是82mm） Pilot Tube Female end OD 85mm (82mm on 76mm tubes)	1600	5'3"	87	3 1/2	39.0	24G87-T60/85-1600-23
	4265	14'	87	3 1/2	99.0	24G87-T60/85-4265-23
	5335	17'6"	76	3	124.9	24G76-T60/85-5335-23
钻杆 Drill Tube	3660	12'	87	3 1/2	87.8	24G87-T60/87-3660-23
	4265	14'	87	3 1/2	99.0	24G87-T60/87-4265-23

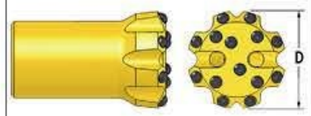


钻头 Drill bit	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	边齿 Gauge	倾角 Angle	水孔数量 Flushing hole 正 Front	侧 Side	重量 Weight approx kg	三力型号 SANLYTOLS P/N
柱齿形钎头 Button bit	圆齿 Spherical buttons								
	89	3 1/2	6×12	8×12	35°	2	1	4.1	1431-89ST58-612/812-45-31
	89	3 1/2	6×13	8×13	35°	2	1	4.1	1431-89ST58-613/813-45-31
	89	3 1/2	4×13,1×13	8×13	35°	4	–	4.1	1432-89ST58-513/813-45-31
	89	3 1/2	4×12,2×12	8×12	35°	4	–	4.1	1433-89ST58-612/812-45-31
	95	3 3/4	4×13,1×13	8×14	35°	4	–	4.6	1433-95ST58-513/814-45-31
	102	4	6×14	8×14	35°	2	–	6.0	1431-102ST58-614/814-45-31
	102	4	6×13	8×16	35°	2	1	6.0	1431-102ST58-613/816-45-31
	115	4 1/2	6×14	8×16	35°	2	–	7.0	1431-115ST58-614/816-45-31
	抛物线齿 Parabolic buttons								
	89	3 1/2	6×12	8×12	35°	2	1	4.1	1431-89ST58-612/812-45-51
	89	3 1/2	6×13	8×13	35°	2	1	4.1	1431-89ST58-613/813-45-51
	89	3 1/2	4×13,1×13	8×13	35°	4	–	4.1	1432-89ST58-513/813-45-51
	89	3 1/2	4×12,2×12	8×12	35°	4	–	4.1	1433-89ST58-612/812-45-51
	95	3 3/4	4×13,1×13	8×14	35°	4	–	4.6	1433-95ST58-513/814-45-51
	102	4	6×14	8×14	35°	2	–	6.0	1431-102ST58-614/814-45-51
	102	4	6×13	8×16	35°	2	1	6.0	1431-102ST58-613/816-45-51
	115	4 1/2	6×14	8×16	35°	2	–	7.0	1431-115ST58-614/816-45-51
易返钎头 Retrac button bit	圆齿 Spherical buttons								
	89	3 1/2	6×12	8×14	35°	2	1	5.1	1531-89ST58-612/814-45-31
	89	3 1/2	4×13,1×13	8×13	35°	4	–	5.1	1632-89ST58-513/813-45-31
	102	4	7×12	8×14	35°	2	1	6.5	1531-102ST58-712/814-45-31
	115	4 1/2	6×14	8×16	35°	2	–	8.5	1531-115ST58-614/816-45-31
	抛物线齿 Parabolic buttons								
	89	3 1/2	6×12	8×14	35°	2	1	5.1	1531-89ST58-612/814-45-51
	89	3 1/2	4×13,1×13	8×13	35°	4	–	5.1	1632-89ST58-513/813-45-51
	102	4	7×12	8×14	35°	2	1	6.5	1531-102ST58-712/814-45-51
	115	4 1/2	6×14	8×16	35°	2	–	8.5	1531-115ST58-614/816-45-51

钻头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
扩孔钎头 Reaming bit 	圆齿 Spherical buttons								
	152	6	6×16	9×16	35°	3	–	13.0	1441-152ST58-616/916-45-31
	152	6	2×14	18×14	35°	3	3	10.4	1441-152ST58-214/1814-45-31
	抛物线齿 Parabolic buttons								
	152	6	6×16	9×16	35°	3	–	13.0	1441-152ST58-616/916-45-51
	152	6	2×14	18×14	35°	3	3	10.4	1441-152ST58-214/1814-45-51

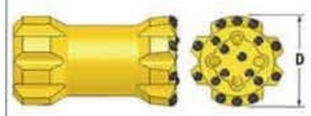
钎杆 Drill rod	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
钻杆 内孔直径26mm Drill tube, Flushing hole 26mm. 	1525	5'	76	2 3/8	34.0	24G76-ST58/76-1525-23
	1830	6'	76	2 3/8	40.0	24G76-ST58/76-1830-23
	3660	12'	76	2 3/8	76.3	24G76-ST58/76-3660-23

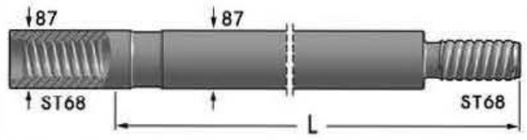


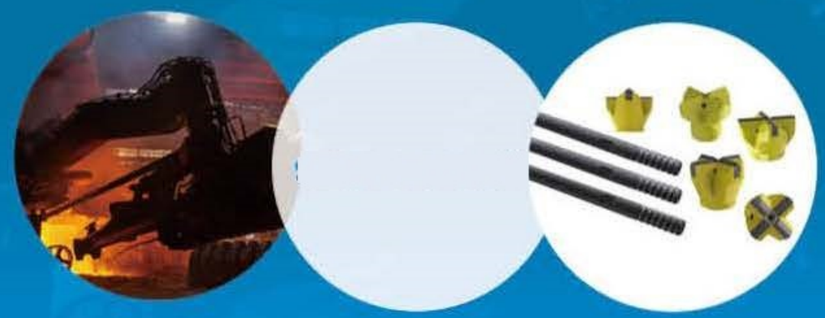
钻头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit 	圆齿 Spherical buttons								
	102	4	6×14	8×14	35°	2	–	8.7	1431-102ST68-614/814-45-31
	102	4	4×12, 4×12	10×12	35°	4	–	8.7	1432-102ST68-812/1012-45-31
	105	4 1/8	6×14	8×14	35°	2	–	8.9	1431-105ST68-614/814-45-31
	105	4 1/8	4×14, 2×12	8×14	35°	4	–	8.9	1433-105ST68-614/814-45-31
	110	4 3/8	6×14	8×16	35°	2	–	9.4	1431-110ST68-614/816-45-31
	110	4 3/8	4×14, 2×14	8×16	35°	4	–	8.9	1433-110ST68-614/816-45-31
	115	4 1/2	6×14	8×16	35°	2	–	9.6	1431-115ST68-614/816-45-31
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	9.5	1433-115ST68-614/816-45-31
	115	4 1/2	4×14, 4×14	10×14	35°	4	–	9.5	1433-115ST68-814/1014-45-31
	127	5	8×14	9×16	35°	3	–	11.0	1431-127ST68-814/916-45-31
	127	5	4×14, 3×14	8×16	35°	4	–	10.8	1433-127ST68-714/816-45-31
	152	6	8×16	9×16	35°	3	–	16.2	1431-152ST68-816/916-45-31
	152	6	9×16	9×16	35°	3	–	16.2	1431-152ST68-916/916-45-31
	152	6	9×14, 3×14	9×16	35°	3	–	16.2	1433-152ST68-1214/916-45-31
	抛物线齿 Parabolic buttons								
	102	4	6×14	8×14	35°	2	–	8.7	1431-102ST68-614/814-45-51
	102	4	4×12, 4×12	10×12	35°	4	–	8.7	1432-102ST68-812/1012-45-51
	105	4 1/8	6×14	8×14	35°	2	–	8.9	1431-105ST68-614/814-45-51
	105	4 1/8	4×14, 2×12	8×14	35°	4	–	8.9	1433-105ST68-614/814-45-51
	110	4 3/8	6×14	8×16	35°	2	–	9.4	1431-110ST68-614/816-45-51
	110	4 3/8	4×14, 2×14	8×16	35°	4	–	8.9	1433-110ST68-614/816-45-51
	115	4 1/2	6×14	8×16	35°	2	–	9.6	1431-115ST68-614/816-45-51
	115	4 1/2	4×14, 2×14	8×16	35°	4	–	9.5	1433-115ST68-614/816-45-51
	115	4 1/2	4×14, 4×14	10×14	35°	4	–	9.5	1433-115ST68-814/1014-45-51
	127	5	8×14	9×16	35°	3	–	11.0	1431-127ST68-814/916-45-51
	127	5	4×14, 3×14	8×16	35°	4	–	10.8	1433-127ST68-714/816-45-51
	152	6	8×16	9×16	35°	3	–	16.2	1431-152ST68-816/916-45-51
	152	6	9×16	9×16	35°	3	–	16.2	1431-152ST68-916/916-45-51
	152	6	9×14, 3×14	9×16	35°	3	–	16.2	1433-152ST68-1214/916-45-51

钻杆钎具系列 | Tube drilling tools

ST68

钻头 Drill bit	钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
易返钎头 Retrac button bit	圆齿 Spherical buttons								
	102	4	4×12, 4×12	10×12	35°	4	–	9.3	1632-102ST68-812/1012-45-31
	102	4	4×14, 2×12	8×14	35°	4	–	9.3	1533-102ST68-614/814-45-31
	110	4 3/8	6×14	8×16	35°	2	–	10.0	1531-110ST68-614/816-45-31
	115	4 1/2	6×14	8×16	35°	2	–	10.0	1531-115ST68-614/816-45-31
	127	5	8×14	9×16	35°	3	–	15.0	1531-127ST68-814/916-45-31
	140	5 1/2	9×14	9×16	35°	3	–	17.8	1531-140ST68-914/916-45-31
	抛物线齿 Parabolic buttons								
	102	4	4×12, 4×12	10×12	35°	4	–	9.3	1632-102ST68-812/1012-45-51
	102	4	4×14, 2×12	8×14	35°	4	–	9.3	1533-102ST68-614/814-45-51
	110	4 3/8	6×14	8×16	35°	2	–	10.0	1531-110ST68-614/816-45-51
	115	4 1/2	6×14	8×16	35°	2	–	10.0	1531-115ST68-614/816-45-51
	127	5	8×14	9×16	35°	3	–	15.0	1531-127ST68-814/916-45-51
	140	5 1/2	9×14	9×16	35°	3	–	17.8	1531-140ST68-914/916-45-51
扩孔钎头 Reaming bit	圆齿 Spherical buttons								
	152	6	6×16	9×16	35°	3	–	13.0	1441-152ST68-616/916-45-31
	152	6	2×14	18×14	35°	3	3	10.4	1441-152ST68-214/1814-45-31
	抛物线齿 Parabolic buttons								
	152	6	6×16	9×16	35°	3	–	13.0	1441-152ST68-616/916-45-51
	152	6	2×14	18×14	35°	3	3	10.4	1441-152ST68-214/1814-45-51

钎杆 Drill rod	长度 Length		外径 Diameter		重量 Weight approx kg	三力型号 SANLYTOLS P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
钻杆 Drill tube 内孔直径 Flushing hole 30mm. 	1525	5'	87	3 7/16	35.5	24087-ST68/87-1525-23
	1830	6'	87	3 7/16	43.8	24087-ST68/87-1830-23
	3660	12'	87	3 7/16	80.0	24087-ST68/87-3660-23
	6110	20'	87	3 7/16	133.0	24087-ST68/87-6110-23



高炉开口钎具
FURNACE TAPPING TOOLS

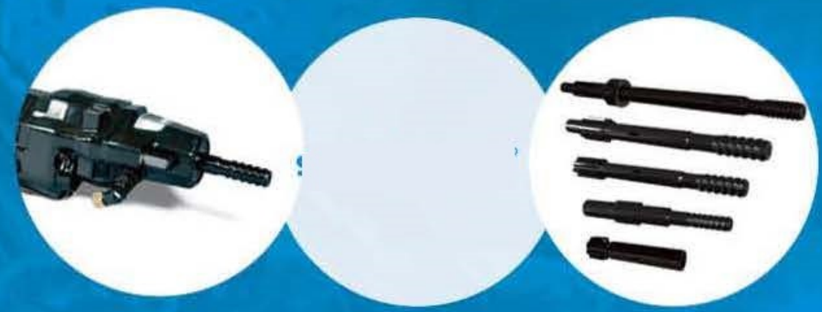
Page

Furnace Tapping Tools 54

高炉用钎具 | Rock Tools For Furnace

产品名称 Name of product	钎头直径 Diameter 毫米 mm	钎头直径 Diameter 英寸 inch	合金 Tip size(mm) 高×厚 H×W	螺纹 Thread	重量 Weight approx kg	三力型号 SANLYTOLS P/N
十字型钎头Cross-type bit	45	1 3/4	7×8	R32	0.5	1222-45R32-7/8-40-24
	50	1 31/32	7×8	R32	0.6	1222-50R32-7/8-40-24
	55	2 1/8	7×8	R32	0.6	1222-55R32-7/8-40-24
	55	2 1/8	7×8	R38	0.7	1222-55R38-7/8-40-24
	55	2 1/8	7×8	T38	1.0	1222-55T38-7/8-40-24
	60	2 3/8	7×8	R32	0.7	1222-60R32-7/8-40-24
	60	2 3/8	7×8	R38	1.2	1222-60R38-7/8-40-24
	60	2 3/8	7×8	T38	1.3	1222-60T38-7/8-40-24
	65	2 1/2	7×8	R32	0.9	1222-65R32-7/8-40-24
	65	2 1/2	7×8	R38	1.3	1222-65R38-7/8-40-24
	65	2 1/2	7×8	T38	1.4	1222-65T38-7/8-40-24
	70	2 3/4	7×8	R32	1.3	1222-70R32-7/8-40-24
	70	2 3/4	7×8	T38	1.5	1222-70T38-7/8-40-24
	80	3 1/8	7×8	R32	1.7	1222-80R32-7/8-40-24
	100	3 3/4	7×8	R32	1.8	1222-100R32-7/8-40-24
柱齿形钎头 Button bit	48	1 7/8	6×10	R32	0.6	1431-48R32-6/10-42-53
	51	2	6×10	R32	0.7	1431-51R32-6/10-42-53
	54	2 1/8	6×11	R32	0.7	1431-54R32-6/11-42-53
	57	2 1/4	6×11	R32	0.8	1431-57R32-6/11-42-53

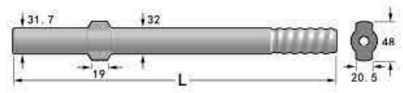
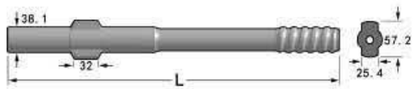
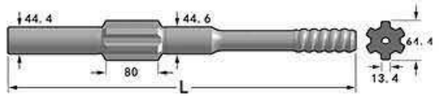
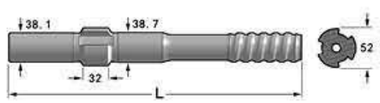
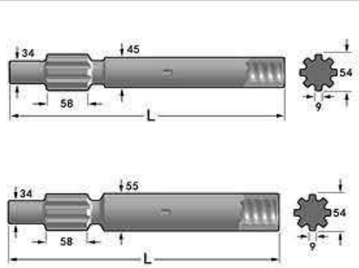
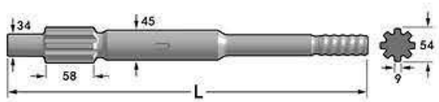
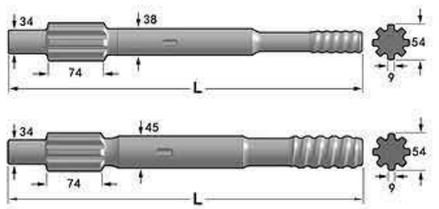
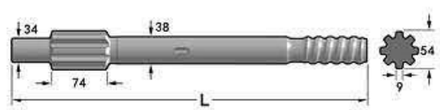
产品名称 Name of product	长度 Length 毫米 mm	长度 Length 英尺 Foot	重量 Weight (kg)	三力型号 SANLYTOLS P/N
R38-Round39-R32	2800	9'2"	22.7	25R39-R32/R38-2800-40
	3400	11'2"	27.8	25R39-R32/R38-3400-40
	3600	11'9"	29.4	25R39-R32/R38-3600-40
	4100	13'5"	34.5	25R39-R32/R38-4100-40
	4300	14'1"	35.3	25R39-R32/R38-4300-40
T38-Round39-T38	3000	9'8"	24.9	25R39-T38-3000-40
	3200	10'5"	26.5	25R39-T38-3200-40
	4000	13'1"	33.4	25R39-T38-4000-40



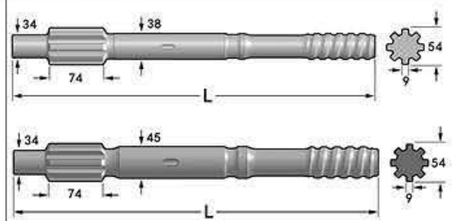
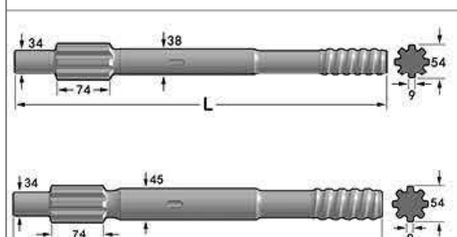
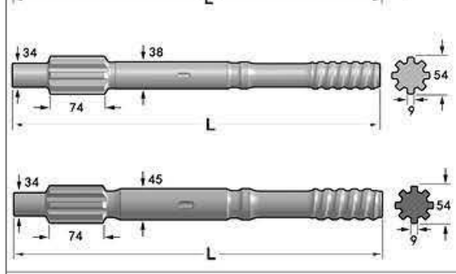
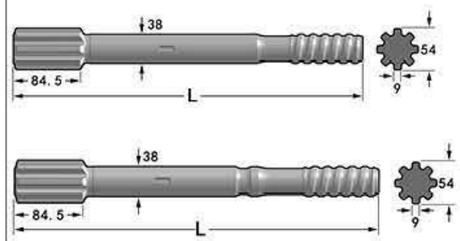
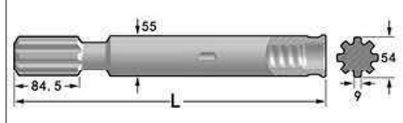
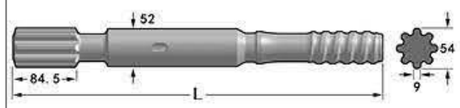
钎尾
SHANK ADAPTERS

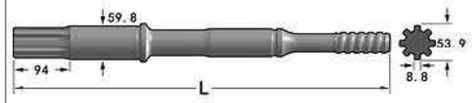
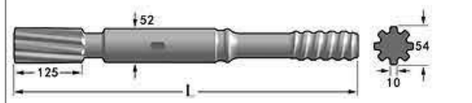
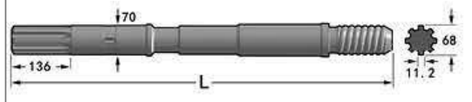
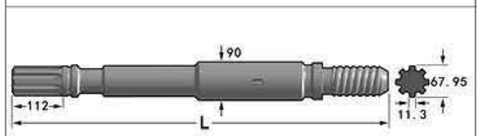
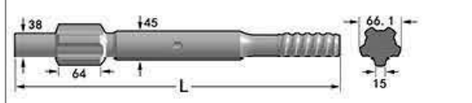
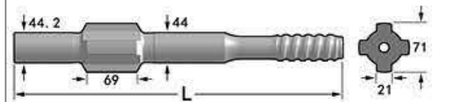
		Page
Atlas Copco	阿特拉斯	56
Boart	波特	58
Furukawa	古河	58
Gardner-Denver	戈登丹佛	59
Ingersoll-Rand	英格索兰	59
Montabert	蒙塔贝特	59
SIG	SIG	60
Sandvik	山特维克	61
Others	其它	64

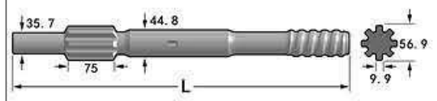
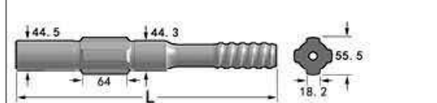
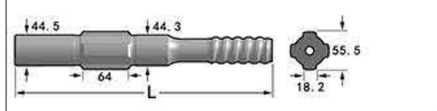
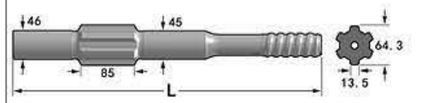
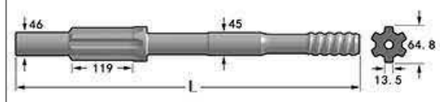
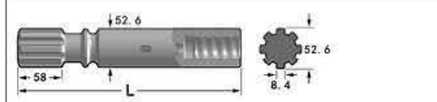
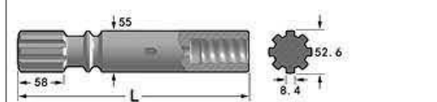
钎尾 Shank adapter

阿特拉斯 Atlas Copco	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Atlas Copco BBC 43, BBC 44, BBC 45, BBC 100	R32	380	2.2	10	4BBC43-32R32-10380-23
	Atlas Copco BBC 51, BBC 52, BBC 54, BBC 120	R32 T38	380 390	2.9 3.4	10 10	4BBC51-38R32-10380-23 4BBC51-38T38-10390-23
	Atlas Copco BBE 57	T38	538	5.6	14	4BBE57-44T38-14538-23
	Atlas Copco COP 125, COP 130, COP 131	T38	380	3.3	14	4125-39T38-14380-23
	Atlas Copco COP 1032HD	R32 R38	340 340	3.7 4.4	– –	41032HD-45R32-0340-23 41032HD-55R32-0340-23
	Atlas Copco COP 1032	R32 R35 R38 T38	550 550 550 550	5.3 5.6 5.7 5.7	– – – –	41032-45R32-0550-23 41032-45R35-0550-23 41032-45R38-0550-23 41032-45T38-0550-23
	Atlas Copco COP 1036 COP 1038HB	R32 T38 T45	500 500 500	4.3 4.7 5.3	– – –	41036-38R32-0500-23 41036-38T38-0500-23 41036-45T45-0500-23
	Atlas Copco COP 1038HD COP 1238	R32 R38 T38	485 485 485	4.3 4.5 4.5	– – –	41238-38R32-0485-23 41238-38R38-0485-23 41238-38T38-0485-23

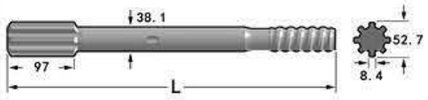
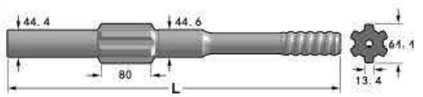
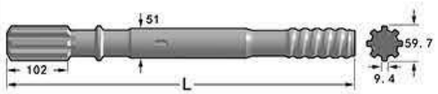
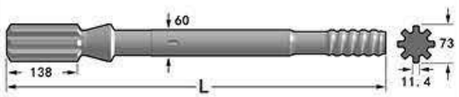
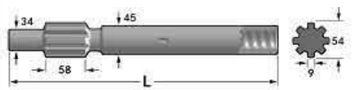
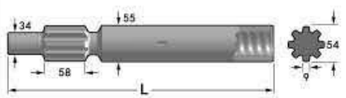
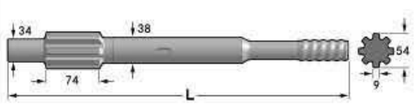
钎尾 Shank adapter

阿特拉斯 Atlas Copco	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Atlas Copco COP 1038HL	R32 T38 T45	575 575 575	4.9 5.2 6.1	– – – –	41038HL-38R32-0575-23 41038HL-38T38-0575-23 41038HL-45T45-0575-23
	Atlas Copco COP 1238	R32 T38 R38 T38 T45	500 500 485 485 500	4.0 4.4 4.2 4.2 5.0	– – – – –	41238-38R32-0500-23 41238-38T38-0500-23 41238-38R38-0485-23 41238-38T38-0485-23 41238-45T45-0500-23
		R32 R38 T38 T38 T45	575 575 575 575 575	4.9 5.0 5.2 5.7 6.1	– – – – –	41238-38R32-0575-23 41238-38R38-0575-23 41238-38T38-0575-23 41238-45T38-0575-23 41238-45T45-0575-23
	Atlas Copco COP 1432, COP 1532, COP 1440, COP 1838 HD, COP 1838 ME	R32 R38 T38 R32 T38	435 435 435 525 525	3.9 4.2 4.2 4.8 5.0	– – – – –	41432-38R32-0435-23 41432-38R38-0435-23 41432-38T38-0435-23 41432-38R32-0525-23 41432-38T38-0525-23
	Atlas Copco COP 1432, COP 1532	R32 R38	341 341	4.7 5.2	– –	41432-55R32-0341-23 41432-55R38-0341-23
	Atlas Copco COP 1550, COP 1838ME/HE	T38 T45 T51	525 525 525	6.2 6.4 6.8	– – –	41550-52T38-0525-23 41550-52T45-0525-23 41550-52T51-0525-23

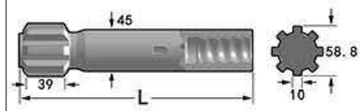
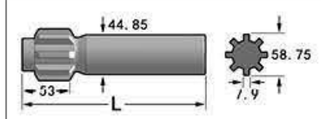
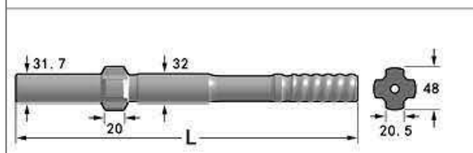
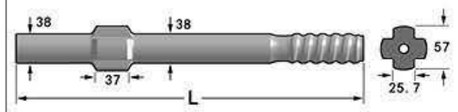
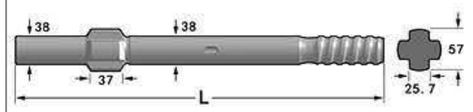
阿特拉斯/波特/古河 Atlas Copco, Boart and Furukawa	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Atlas Copco COP 1550 EX, COP 1838 EX	T38 T45 T51	730 730 730	10.1 10.5 10.7	- - -	41550EX-60T38-0730-23 41550EX-60T45-0730-23 41550EX-60T51-0730-23
	Atlas Copco COP 1840HE COP 1850	T45 T51	565 565	7.2 7.4	- -	41850-52T45-0565-23 41850-52T51-0565-23
	Atlas Copco COP 2150PG	T51	770	11.2	-	42150PG-52T51-0770-23
	Atlas Copco COP 2160EX	T45 T51	770 770	13.2 13.3	- -	42160EX-63T45-0770-23 42160EX-63T51-0770-23
	Atlas Copco COP 4050EX	ST68	805	69.6	-	44050EX-70ST68-0805-23
	Atlas Copco COP 4050MUX	ST68	835	69.9	-	44050MUX-90ST68-0835-23
	Boart HD 125, HD 150, HD 160	R38 T38	495 495	5.6 5.6	- -	4HD125-45R38-0495-23 4HD125-45T38-0495-23
	Furukawa M 120, PD 200	R32 R38 T38 T38	330 350 380 446	3.6 3.8 4.0 4.3	14.3 14.3 14.3 14.3	4M120-44R32-14330-23 4M120-44R38-14350-23 4M120-44T38-14380-23 4M120-44T38-14446-23
	Furukawa PD 200R	T38 T45	484 484	4.0 4.3	14.3 14.3	4PD200R-44T38-14484-23 4PD200R-44T45-14484-23
	Furukawa HD 260, HD 300	T38 T45	655 655	7.8 7.8	16 16	4HD260-45T38-16655-23 4HD260-45T45-16655-23

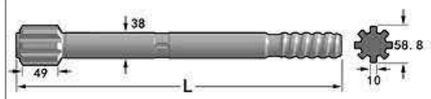
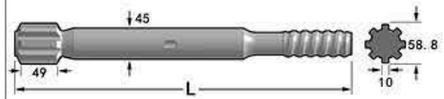
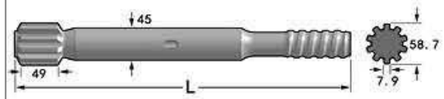
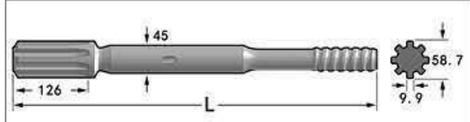
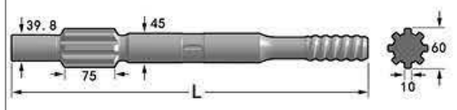
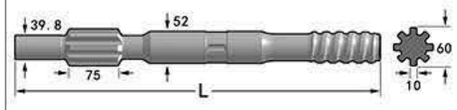
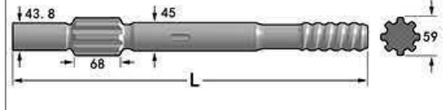
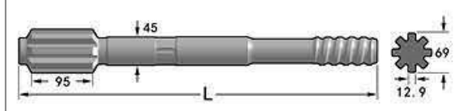
古河/戈登丹佛/英格索兰/蒙塔贝特 Furukawa, Gardner—Denver, Ingersoll—Rand and Montabert	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Furukawa HD 609	T38 T38 T45	620 690 620	6.2 6.5 6.9	- - -	4HD609-45T38-0620-23 4HD609-45T38-0690-23 4HD609-45T45-0620-23
	Furukawa HD 612	T45	710	9.2	-	4HD612-51T45-0710-23
	Furukawa HD 712	T45	788	11.2	-	4HD712-51T45-0788-23
	Gardner-Denver PR 123	R32 R38 T38 T45	380 380 380 380	3.6 3.9 3.9 4.2	14.3 14.3 14.3 14.3	4PR123-44R32-14380-23 4PR123-44R38-14380-23 4PR123-44T38-14380-23 4PR123-44T45-14380-23
	Ingersoll-Rand URD475, URD550, VL120, EVL130, VL140, F16	R32 R38 T38 T38	330 350 380 446	3.6 3.8 4.0 4.3	14 14 14 14	4VL120-44R32-14330-23 4VL120-44R38-14350-23 4VL120-44T38-14380-23 4VL120-44T38-14446-23
	Ingersoll-Rand YH 65, YH 80	T38 T45	500 500	5.8 6.1	19 19	4YH65-45T38-19500-23 4YH65-45T45-19500-23
	Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP	T45	700	8	19	4YH65RP-45T45-19700-23
	Montabert HC 40	R32 R38 T38	447 447 447	3.9 4.1 4.1	- - -	4HC40-38R32-0447-23 4HC40-38R38-0447-23 4HC40-38T38-0447-23
	Montabert HC 40	R32	270	4.1	-	4HC40-52R32-0270-23
		R38	320	4.4	-	4HC40-55R38-0320-23

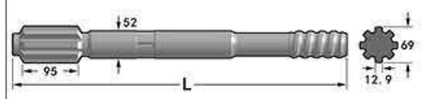
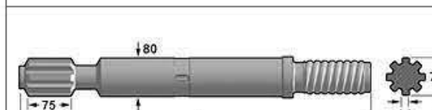
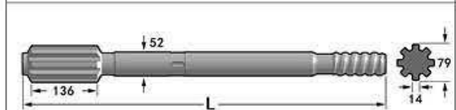
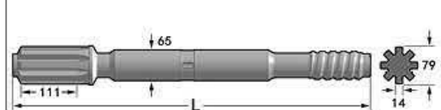
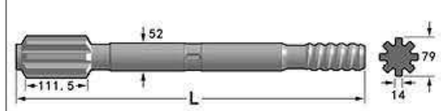
钎尾 | Shank adapter

蒙塔贝特/SIG Montabert and SIG	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Montabert HC 80, HC 90, HC 105, HC 120	R32 R38 T38 T38	440 440 440 500	5.1 5.3 5.3 5.8	- - - -	4HC80-38R32-0440-23 4HC80-38R38-0440-23 4HC80-38T38-0440-23 4HC80-38T38-0500-23
	Montabert H 100	T38	540	5.6	14	4H100-45T38-14540-23
	Montabert HC 120, HC 150	T45	490	5.9	-	4HC120-45T45-0490-23
	Montabert HC 80R, HC 120R, HC 150R	T45 T51	670 670	8.3 8.3	- -	4HC80R-51T45-0670-23 4HC80R-51T51-0670-23
	Montabert HC 200	T51 T60	840 840	13.9 14.2	- -	4HC200-60T51-0840-23 4HC200-60T60-0840-23
	SIG HBM 50, HBM 100, HBM 120	R32	340	3.7	-	4HBM50-45R32-0340-23
	SIG HBM 100, HBM 120	R38	340	4.4	-	4HBM100-55R38-0340-23
	SIG HBM 50, HBM 100, HBM 120	R32	550	5.3	-	4HBM50-45R32-0550-23
	SIG HBM 101	R32	500	4.6	-	4HBM101-38R32-0500-23

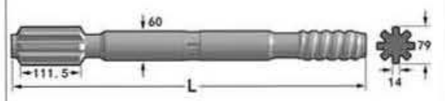
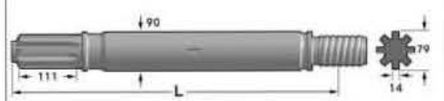
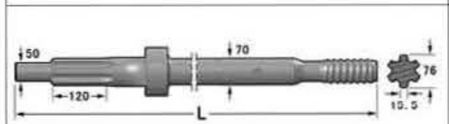
钎尾 | Shank adapter

山特维克（汤姆洛克） Sandvik (Tamrock)	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Tamrock HL 300	R32	400	2.8	-	4HL300-32R32-0400-23
	Tamrock HL 300S	R32	245	2.8	-	4HL300S-45R32-0245-23
	Tamrock HLX 3	R32	324	3.8	-	4HLX3-45R32-0324-23
	Tamrock HLX 3F	R32	205	2.6	-	4HLX3F-45R32-0205-23
	Tamrock L400, L410, L500, L510, L550	R32	380	2.3	10	4L400-32R32-0380-23
	Tamrock HL 438, HL 538, HLR 438L, HLR 438T	R32 T38	380 400	3.2 3.6	12.7 12.7	4HL438-38R32-13380-23 4HL438-38T38-13400-23
	Tamrock HL 438LS, HL 438TS, HL 538, HL 538L, L 550S	R32 R38 T38 T38	450 450 455 545	4.1 4.3 4.3 4.8	- - - -	4HL538-38R32-0450-23 4HL538-38R38-0450-23 4HL538-38T38-0455-23 4HL538-38T38-0545-23
	Tamrock HL500-38, HL510-38	R32 T38	550 550	4.3 4.6	- -	4HL500-38R32-0550-23 4HL500-38T38-0550-23
	Tamrock HL 500-45, HL 510-45	R32 T38 T45	550 550 550	5.6 5.6 6.1	- - -	4HL500-45R32-0550-23 4HL500-45T38-0550-23 4HL500-45T45-0550-23

山特维克（汤姆洛克）Sandvik (Tamrock)	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Tamrock HL 500S-38, HL 510S-38, HL 510B, HL 510HL	R32 R38 T38 R38 T38	460 460 460 500 500	3.9 4.1 4.1 4.3 4.3	- - - - -	4HL510B-38R32-0460-23 4HL510B-38R38-0460-23 4HL510B-38T38-0460-23 4HL510B-38R38-0500-23 4HL510B-38T38-0500-23
	Tamrock HL 500F, HL 510F	R32	350	3.6	-	4HL500F-45R32-0350-23
	Tamrock HL 550 SUPER, HL 560 SUPER, HL 510S-45	R38 T38 T45	500 500 500	5.5 5.5 5.6	- - -	4HL550-45R38-0500-23 4HL550-45T38-0500-23 4HL550-45T45-0500-23
	Tamrock HLX 5, HLX 5T	R32 R38 T38 R32 T38 T45	500 500 500 575 575 575	5.4 5.5 5.5 6.4 6.5 6.6	- - - - - -	4HLX5-45R32-0500-23 4HLX5-45R38-0500-23 4HLX5-45T38-0500-23 4HLX5-45R32-0575-23 4HLX5-45T38-0575-23 4HLX5-45T45-0575-23
	Tamrock HLX5 PE-45	R32 T38	575 575	6.3 6.4	- -	4HLX5PE-45R32-0575-23 4HLX5PE-45T38-0575-23
	Tamrock HL 600-45, HL 600S-45	T38 T45 R32 T38 T45	600 600 525 525 525	6.7 6.7 5.9 6.0 6.1	- - - - -	4HL600-45T38-0600-23 4HL600-45T45-0600-23 4HL600-45R32-0525-23 4HL600-45T38-0525-23 4HL600-45T45-0525-23
	Tamrock HL 600-52, HL 600S-52	T45 T51	650 650	8.0 8.0	- -	4HL600-52T45-0650-23 4HL600-52T51-0650-23
	Tamrock HL 645, HL 645S	T38 T45	600 600	6.6 6.8	- -	4HL645-45T38-0600-23 4HL645-45T45-0600-23
	Tamrock HL 650-45, HL 700-45, HL 700T-45, HL 710-45, HL 800T-45	T38 T45	600 600	7.3 7.8	- -	4HL650-45T38-0600-23 4HL650-45T45-0600-23

山特维克（汤姆洛克）Sandvik (Tamrock)	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Tamrock HL 650-52, HL 700-52, HL 710-52, HL 800T-52	T38 T45 T51	600 600 600	8.3 8.8 8.8	- - -	4HL650-52T38-0600-23 4HL650-52T45-0600-23 4HL650-52T51-0600-23
	Tamrock HL 850 HL 850S	T45 T51	670 670	9.8 10.1	- -	4HL850-52T45-0670-23 4HL850-52T51-0670-23
	Tamrock HL 1000-52, HL 1000S-52	T45 T51 T45 T51	670 670 590 590	10.3 11.0 8.7 8.7	- - - -	4HL1000-52T45-0670-23 4HL1000-52T51-0670-23 4HL1000-52T45-0590-23 4HL1000-52T51-0590-23
	Tamrock HL 1000-60	T51 T60	670 670	13.3 13.4	- -	4HL1000-60T51-0670-23 4HL1000-60T60-0670-23
	Tamrock HL 1000-80	T60	670	20.9	-	4HL1000-80T60-0670-23
	Tamrock HL 1000S-80	ST58 ST68	635 640	18.2 19.1	- -	4HL1000S-80ST58-0635-23 4HL1000S-80ST68-0640-23
	Tamrock HL 1000 PE-52	T51	840	14.2	-	4HL1000PE-52T51-0840-23
	Tamrock HL 1000 PE-65, HL 1500 PE-65, HL 1560 T-65	T51 T60	760 760	16.8 16.9	- -	4HL1000PE-65T51-0760-23 4HL1000PE-65T60-0760-23
	Tamrock HL 1500-52, HL 1500T-52	T51	710	11.9	-	4HL1500-52T51-0710-23

钎尾 | Shank adapter

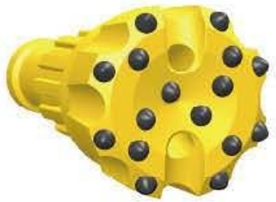
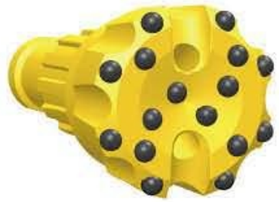
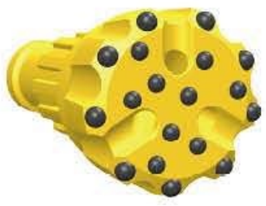
山特维克（汤姆洛克），其它 Sandvik (Tamrock), Others	配套凿岩机型 Rock drill	螺纹 Thread	长度 Length (mm)	重量 Weight (Kg)	内孔直径 Flushing (mm)	三力型号 SANLYTOLS P/N
	Tamrock HL 1500-60, HL 1500T-60	T51 T60	760 760	16.1 16.1	- -	4HL1500-60T51-0760-23 4HL1500-60T60-0760-23
	Tamrock HL 1500-T80	T60	760	22.9	-	4HL1500-80T60-0760-23
	Tamrock HL 1500-S80	ST58 ST68	635 635	18.8 18.9	- -	4HL1500-80ST58-0635-23 4HL1500-80ST68-0635-23
	Tamrock HL 1500-SPE90	ST58 ST68	635 635	21.8 21.9	- -	4HL1500-90ST58-0635-23 4HL1500-90ST68-0635-23
		HL64	1180	35.6	-	40THER-70HL64-1180-23
		R32	410	3.1	-	40THER-35R32-410-23



潜孔钻具
DOWN THE HOLE DRILLING

		Page
Bit face designs	潜孔钻头面部设计	66
Bit shank identification chart	潜孔钻头尾部尺寸	67
Low air pressure DTH Bits	低风压潜孔钎头	68
3"High air pressure DTH Bits	3英寸高风压潜孔钎头	68
4"High air pressure DTH Bits	4英寸高风压潜孔钎头	69
5"High air pressure DTH Bits	5英寸高风压潜孔钎头	71
6"High air pressure DTH Bits	6英寸高风压潜孔钎头	73
8"High air pressure DTH Bits	8英寸高风压潜孔钎头	75
DTH drill pipes	潜孔钻杆	77
DTH adapters	转换接头	78
DTH Hammer	潜孔冲击器	79

潜孔钻头面部设计 | Bit face designs

面部设计 Face	合金 Button	应用 Applications
凹心 Concave face 	抛物线齿 Parabolic 	· 钻孔直线度好，进尺速度快 Straight hole application, fast penetration · 适用中软岩 Suited for soft to medium rock · 不适用腐蚀岩 Non Abrasive
凹心 Concave face 	圆齿 Spherical 	· 钻孔直线度好，耐磨性好 Straight hole application, wearing resistance good · 适用中硬岩 Suited for medium to hard rock · 适用腐蚀岩 Abrasive
凸面 Convex face 	抛物线齿 Parabolic 	· 进尺速度快 fast penetration · 适用软岩 Suited for soft rock · 不适用腐蚀岩 Non Abrasive
平面 Flat face 	圆齿 Spherical 	· 耐磨性好 Wearing resistance good · 适用硬岩 Suited for hard rock · 适用腐蚀岩 Abrasive

潜孔钻头尾部尺寸 | Bit shank identification chart

	DHD 3.5 · 3”		QL 40 · 4”
	DHD 340 · 4”		QL 50 · 5”
	DHD 350 · 5”		QL 60 · 6”
	DHD 360 · 6”		QL 80 · 8”
	DHD 380 · 8”		M 30 · 3”
	SD 4 · 4”		M 40 · 4”
	SD 5 · 5”		M 50 · 5”
	SD 6 · 6”		M 60 · 6”
	SD 8 · 8”		M 80 · 8”

低风压潜孔钻头 | Low air pressure DTH Bits

钻头系列 DTH Bit	钻头直径 Diameter 毫米 mm	钻头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
CIR80 	抛物线齿/凸面型 Parabolic button/Convex face						
	80	3 1/7	2×12, 2×12	6×13	2	3	614-80CR80-412/613-42-53
	圆齿/平面型 Spherical button/Flat face						
	90	3 1/2	4×12	6×14	3	3	611-90CR80-412/614-42-33
CIR90 	抛物线齿/凸面型 Parabolic button/Convex face						
	90	3 1/2	2×13, 2×12	6×14	2	3.5	614-90CR90-413/614-42-53
	93	3 5/8	2×13, 2×12	6×14	2	3.6	614-93CR90-413/614-42-53
	95	3 3/4	2×14, 2×12	6×14	2	3.7	614-95CR90-414/614-42-53
	圆齿/平面型 Spherical button/Flat face						
	90	3 1/2	4×12	6×14	3	3.5	611-90CR90-412/614-42-33
	93	3 5/8	4×12	6×14	3	3.6	611-93CR90-412/614-42-33
	95	3 3/4	4×12	6×14	3	3.7	611-95CR90-412/614-42-33

高风压潜孔钻头 High air pressure DTH Bits

3″	钻头直径 Diameter 毫米 mm	钻头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
DHD3.5  	抛物线齿/凸面型 Parabolic button/Convex face						
	90	3 1/2	4×12, 2×12	8×12	2	4.5	614-90D3.5-612/812-22-51
	95	3 3/4	4×12, 2×12	8×12	2	4.8	614-95D3.5-612/812-22-51
	100	3 7/8	4×13, 2×13	8×13	2	5	614-100D3.5-613/813-22-51
	105	4 1/8	4×14, 2×14	8×14	2	5.5	614-105D3.5-614/814-22-51
	圆齿/平面型 Spherical button/Flat face						
	90	3 1/2	6×12	8×12	2	4.5	611-90D3.5-612/812-22-41
	95	3 3/4	6×12	8×12	2	4.8	611-95D3.5-612/812-22-41
	100	3 7/8	6×13	8×13	2	5	611-100D3.5-613/813-22-41
	105	4 1/8	6×14	8×14	2	5.5	611-105D3.5-614/814-22-41
M30  	抛物线齿/凸面型 Parabolic button/Convex face						
	90	3 1/2	4×12, 2×12	8×12	2	4.7	614-90M30-612/812-22-51
	95	3 3/4	4×12, 2×12	8×12	2	4.9	614-95M30-612/812-22-51
	100	3 7/8	4×13, 2×13	8×13	2	5.3	614-100M30-613/813-22-51
	105	4 1/8	4×14, 2×14	8×14	2	5.6	614-105M30-614/814-22-51
	圆齿/平面型 Spherical button/Flat face						
	90	3 1/2	6×12	8×12	2	4.7	611-90M30-612/812-22-41
	95	3 3/4	6×12	8×12	2	4.9	611-95M30-612/812-22-41
	100	3 7/8	6×13	8×13	2	5.3	611-100M30-613/813-22-41
	105	4 1/8	6×14	8×14	2	5.6	611-105M30-614/814-22-41

高风压潜孔钻头 | High air pressure DTH Bits

4″	钻头直径 Diameter 毫米 mm	钻头直径 Diameter 英寸 inch	合金数量×直径 No×button diameter 芯齿 Front	合金数量×直径 No×button diameter 边齿 Gauge	气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
DHD340    	抛物线齿/凹面型 Parabolic button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	10.0	613-115D340-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	11.0	613-121D340-614/814-22-51
	127	5	4×14, 3×14	8×14	2	12.0	613-127D340-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	14.0	613-130D340-714/816-22-51
	圆齿/凹面型 Spherical button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	10.0	613-115D340-614/814-22-41
	121	4 3/4	4×14, 2×14	8×14	2	11.0	613-121D340-614/814-22-41
	127	5	4×14, 3×14	8×14	2	12.0	613-127D340-714/814-22-41
	130	5 1/8	4×14, 3×14	8×16	2	14.0	613-130D340-714/816-22-41
	133	5 1/4	4×14, 3×14	8×16	2	15.0	613-133D340-714/816-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	110	4 3/8	4×14, 2×14	8×14	2	9.3	614-110D340-614/814-22-51
	115	4 1/2	4×14, 2×14	8×14	2	10.0	614-115D340-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	11.0	614-121D340-614/814-22-51
	127	5	4×14, 3×14	8×14	2	12.0	614-127D340-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	14.0	614-130D340-714/816-22-51
	133	5 1/4	4×14, 3×14	8×16	2	15.0	614-133D340-714/816-22-51
	圆齿/平面型 Spherical button/Flat face						
	110	4 3/8	6×14	8×14	2	9.3	611-110D340-614/814-22-41
	115	4 1/2	6×14	8×14	2	10.0	611-115D340-614/814-22-41
	121	4 3/4	6×14	8×14	2	11.0	611-121D340-614/814-22-41
	127	5	7×14	8×14	2	12.0	611-127D340-714/814-22-41
	130	5 1/8	7×14	8×16	2	14.0	611-130D340-714/816-22-41
	133	5 1/4	7×14	8×16	2	15.0	611-133D340-714/816-22-41
SD4   	圆齿/凹面型 Spherical button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	9.8	613-115SD4-614/814-22-41
	121	4 3/4	4×14, 2×14	8×14	2	11.5	613-121SD4-614/814-22-41
	127	5	4×14, 3×14	8×14	2	12.3	613-127SD4-714/814-22-41
	130	5 1/8	4×14, 3×14	8×16	2	14.3	613-130SD4-714/816-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	110	4 3/8	4×14, 2×14	8×14	2	9.5	614-110SD4-614/814-22-51
	115	4 1/2	4×14, 2×14	8×14	2	9.8	614-115SD4-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	11.5	614-121SD4-614/814-22-51
	127	5	4×14, 3×14	8×14	2	12.3	614-127SD4-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	14.3	614-130SD4-714/816-22-51
	133	5 1/4	4×14, 3×14	8×16	2	15.3	614-133SD4-714/816-22-51
	圆齿/平面型 Spherical button/Flat face						
	110	4 3/8	6×14	8×14	2	9.5	611-110SD4-614/814-22-41
	115	4 1/2	6×14	8×14	2	9.8	611-115SD4-614/814-22-41
	121	4 3/4	6×14	8×14	2	11.5	611-121SD4-614/814-22-41
	127	5	7×14	8×14	2	12.3	611-127SD4-714/814-22-41
	130	5 1/8	7×14	8×16	2	14.3	611-130SD4-714/816-22-41
	133	5 1/4	7×14	8×16	2	15.3	611-133SD4-714/816-22-41

4″	钻头直径 Diameter		合金数量×直径 No.×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
QL40	圆齿/凹面型 Spherical button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	10.0	613-115QL40-614/814-22-41
	121	4 3/4	4×14, 2×14	8×14	2	11.0	613-121QL40-614/814-22-41
	127	5	4×14, 3×14	8×14	2	12.0	613-127QL40-714/814-22-41
	130	5 1/8	4×14, 3×14	8×16	2	14.0	613-130QL40-714/816-22-41
	133	5 1/4	4×14, 4×14	8×16	2	15.0	613-133QL40-814/816-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	110	4 3/8	4×14, 2×14	8×14	2	9.3	614-110QL40-614/814-22-51
	115	4 1/2	4×14, 2×14	8×14	2	10.0	614-115QL40-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	11.0	614-121QL40-614/814-22-51
	127	5	4×14, 3×14	8×14	2	12.0	614-127QL40-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	14.0	614-130QL40-714/816-22-51
	133	5 1/4	4×14, 4×14	8×16	2	15.0	614-133QL40-814/816-22-51
	圆齿/平面型 Spherical button/Flat face						
	110	4 3/8	6×14	8×14	2	10.0	611-110QL40-614/814-22-41
	115	4 1/2	6×14	8×14	2	10.3	611-115QL40-614/814-22-41
	121	4 3/4	6×14	8×14	2	10.6	611-121QL40-614/814-22-41
	127	5	7×14	8×14	2	11.5	611-127QL40-714/814-22-41
	130	5 1/8	7×14	8×16	2	12.0	611-130QL40-714/816-22-41
	133	5 1/4	7×14	8×16	2	12.6	611-133QL40-714/816-22-41
M40	抛物线齿/凹面型 Parabolic button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	6.8	613-115M40-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	7.4	613-121M40-614/814-22-51
	127	5	4×14, 3×14	8×14	2	7.6	613-127M40-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	8.0	613-130M40-714/816-22-51
	圆齿/凹面型 Spherical button/Concave face						
	115	4 1/2	4×14, 2×14	8×14	2	6.8	613-115M40-614/814-22-41
	121	4 3/4	4×14, 2×14	8×14	2	7.4	613-121M40-614/814-22-41
	127	5	4×14, 3×14	8×14	2	7.6	613-127M40-714/814-22-41
	130	5 1/8	4×14, 3×14	8×16	2	8.0	613-130M40-714/816-22-41
	133	5 1/4	4×14, 4×14	8×16	2	8.3	613-133M40-814/816-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	110	4 3/8	4×14, 2×14	8×14	2	6.4	614-110M40-614/814-22-51
	115	4 1/2	4×14, 2×14	8×14	2	6.8	614-115M40-614/814-22-51
	121	4 3/4	4×14, 2×14	8×14	2	7.4	614-121M40-614/814-22-51
	127	5	4×14, 3×14	8×14	2	7.6	614-127M40-714/814-22-51
	130	5 1/8	4×14, 3×14	8×16	2	8.0	614-130M40-714/816-22-51
	133	5 1/4	4×14, 4×14	8×16	2	8.3	614-133M40-814/816-22-51
	圆齿/平面型 Spherical button/Flat face						
	110	4 3/8	6×14	8×14	2	6.4	611-110M40-614/814-22-41
	115	4 1/2	6×14	8×14	2	6.8	611-115M40-614/814-22-41
	121	4 3/4	6×14	8×14	2	7.4	611-121M40-614/814-22-41
	127	5	7×14	8×14	2	7.6	611-127M40-714/814-22-41
	130	5 1/8	7×14	8×16	2	8.0	611-130M40-714/816-22-41
	133	5 1/4	7×14	8×16	2	8.3	611-133M40-714/816-22-41

5″	钻头直径 Diameter		合金数量×直径 No.×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
DHD350	抛物线齿/凹面型 Parabolic button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	15.0	613-130D350-714/816-22-51
	133	5 1/4	4×14, 3×14	8×16	2	15.0	613-133D350-714/816-22-51
	140	5 1/2	4×14, 4×14	8×16	2	16.0	613-140D350-814/816-22-51
	146	5 3/4	4×14, 4×14	8×16	2	18.0	613-146D350-814/816-22-51
	152	6	4×16, 4×16	8×18	2	20.0	613-152D350-816/818-22-51
	圆齿/凹面型 Spherical button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	15.0	613-130D350-714/816-22-41
	133	5 1/4	4×14, 3×14	8×16	2	15.0	613-133D350-714/816-22-41
	140	5 1/2	4×14, 4×14	8×16	2	16.0	613-140D350-814/816-22-41
	146	5 3/4	4×14, 4×14	8×16	2	18.0	613-146D350-814/816-22-41
	152	6	4×16, 4×16	8×18	2	20.0	613-152D350-816/818-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	130	5 1/8	3×14, 4×14	9×16	3	15.0	614-130D350-714/916-22-51
	133	5 1/4	3×14, 4×14	9×16	3	15.0	614-133D350-714/916-22-51
	140	5 1/2	3×16, 4×16	9×16	3	16.0	614-140D350-716/916-22-51
	146	5 3/4	3×16, 4×16	9×16	3	18.0	614-146D350-716/916-22-51
	152	6	3×16, 5×16	9×18	3	20.0	614-152D350-816/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	130	5 1/8	7×14	8×16	2	15.0	611-130D350-714/816-22-41
	133	5 1/4	7×14	8×16	2	15.0	611-133D350-714/816-22-41
	140	5 1/2	7×14	7×18	2	16.0	611-140D350-714/718-22-41
	140	5 1/2	8×14	9×16	3	16.0	611-140D350-814/916-22-41
	146	5 3/4	8×14	9×16	3	18.0	611-146D350-814/916-22-41
	152	6	8×16	9×18	3	20.0	611-152D350-816/918-22-41
SD5	圆齿/凹面型 Spherical button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	14.0	613-130SD5-714/816-22-41
	133	5 1/4	4×14, 3×14	8×16	2	14.0	613-133SD5-714/816-22-41
	140	5 1/2	4×14, 4×14	8×16	2	15.0	613-140SD5-814/816-22-41
	146	5 3/4	4×14, 4×14	8×16	2	15.8	613-146SD5-814/816-22-41
	152	6	4×16, 4×16	8×18	2	18.0	613-152SD5-816/818-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	130	5 1/8	3×14, 4×14	9×16	3	14.0	614-130SD5-714/916-22-51
	133	5 1/4	3×14, 4×14	9×16	3	14.0	614-133SD5-714/916-22-51
	140	5 1/2	3×16, 4×16	9×16	3	15.0	614-140SD5-716/916-22-51
	146	5 3/4	3×16, 4×16	9×16	3	15.8	614-146SD5-716/916-22-51
	152	6	3×16, 5×16	9×18	3	18.0	614-152SD5-816/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	130	5 1/8	7×14	8×16	2	14.0	611-130SD5-714/816-22-41
	133	5 1/4	7×14	8×16	2	14.0	611-133SD5-714/816-22-41
	140	5 1/2	7×14	7×18	2	15.0	611-140SD5-714/718-22-41
	140	5 1/2	8×14	9×16	3	15.0	611-140SD5-814/916-22-41
	146	5 3/4	8×14	9×16	3	15.8	611-146SD5-814/916-22-41
	152	6	8×16	9×18	3	18.0	611-152SD5-816/918-22-41

5″	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
QL50	圆齿/凹面型 Spherical button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	14.5	613-130QL50-714/816-22-41
	133	5 1/4	4×14, 3×14	8×16	2	14.5	613-133QL50-714/816-22-41
	140	5 1/2	4×14, 4×14	8×16	2	15.5	613-140QL50-814/816-22-41
	146	5 3/4	4×14, 4×14	8×16	2	15.6	613-146QL50-814/816-22-41
	152	6	4×16, 4×16	8×18	2	16.5	613-152QL50-816/818-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	130	5 1/8	3×14, 4×14	9×16	3	14.5	614-130QL50-714/916-22-51
	133	5 1/4	3×14, 4×14	9×16	3	14.5	614-133QL50-714/916-22-51
	140	5 1/2	3×16, 4×16	9×16	3	15.5	614-140QL50-716/916-22-51
	146	5 3/4	3×16, 4×16	9×16	3	15.6	614-146QL50-716/916-22-51
	152	6	3×16, 5×16	9×18	3	16.5	614-152QL50-816/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	130	5 1/8	7×14	8×16	2	14.5	611-130QL50-714/816-22-41
	133	5 1/4	7×14	8×16	2	14.5	611-133QL50-714/816-22-41
	140	5 1/2	7×14	7×18	2	15.5	611-140QL50-714/718-22-41
	140	5 1/2	8×14	9×16	3	15.5	611-140QL50-814/916-22-41
	146	5 3/4	8×14	9×16	3	15.6	611-146QL50-814/916-22-41
	152	6	8×16	9×18	3	16.5	611-152QL50-816/918-22-41
M50	抛物线齿/凹面型 Parabolic button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	13.9	613-130M50-714/816-22-51
	133	5 1/4	4×14, 3×14	8×16	2	14.3	613-133M50-714/816-22-51
	140	5 1/2	4×14, 4×14	8×16	2	15.0	613-140M50-814/816-22-51
	146	5 3/4	4×14, 4×14	8×16	2	16.0	613-146M50-814/816-22-51
	152	6	4×16, 4×16	8×18	2	17.1	613-152M50-816/818-22-51
	圆齿/凹面型 Spherical button/Concave face						
	130	5 1/8	4×14, 3×14	8×16	2	13.9	613-130M50-714/816-22-41
	133	5 1/4	4×14, 3×14	8×16	2	14.3	613-133M50-714/816-22-41
	140	5 1/2	4×14, 4×14	8×16	2	15.0	613-140M50-814/816-22-41
	146	5 3/4	4×14, 4×14	8×16	2	16.0	613-146M50-814/816-22-41
	152	6	4×16, 4×16	8×18	2	17.1	613-152M50-816/818-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	130	5 1/8	3×14, 4×14	9×16	3	13.9	614-130M50-714/916-22-51
	133	5 1/4	3×14, 4×14	9×16	3	14.3	614-133M50-714/916-22-51
	140	5 1/2	3×16, 4×16	9×16	3	15.0	614-140M50-716/916-22-51
	146	5 3/4	3×16, 4×16	9×16	3	16.0	614-146M50-716/916-22-51
	152	6	3×16, 5×16	9×18	3	17.1	614-152M50-816/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	130	5 1/8	7×14	8×16	2	13.9	611-130M50-714/816-22-41
	133	5 1/4	7×14	8×16	2	14.3	611-133M50-714/816-22-41
	140	5 1/2	8×14	9×16	3	15.0	611-140M50-814/916-22-41
	146	5 3/4	8×14	9×16	3	16.0	611-146M50-814/916-22-41
	152	6	8×16	9×18	3	17.1	611-152M50-816/918-22-41

6″	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
DHD360	圆齿/凹面型 Spherical button/Concave face						
	152	6	4×16, 4×16	8×18	2	26.0	613-152D360-816/818-22-41
	155	6 1/8	4×16, 4×16	8×18	2	27.0	613-155D360-816/818-22-41
	159	6 1/4	4×16, 4×16	8×18	2	29.0	613-159D360-816/818-22-41
	165	6 1/2	4×16, 4×16	8×18	2	30.0	613-165D360-816/818-22-41
	165	6 1/2	4×18, 4×18	8×18	2	30.0	613-165D360-818/818-22-41
	172	6 3/4	4×18, 4×18	8×18	2	31.0	613-172D360-818/818-22-41
	178	7	4×18, 4×18	8×18	2	32.0	613-178D360-818/818-22-41
	190	7 1/2	3×18, 5×18	9×18	3	34.0	613-190D360-818/918-22-41
	203	8	3×18, 6×18	9×18	3	36.0	613-203D360-918/918-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	152	6	6×16, 4×16	9×18	3	26.0	614-152D360-1016/918-22-51
	155	6 1/8	6×16, 4×16	9×18	3	27.0	614-155D360-1016/918-22-51
	159	6 1/4	6×16, 4×16	9×18	3	29.0	614-159D360-1016/918-22-51
	165	6 1/2	6×18, 4×18	9×18	3	30.0	614-165D360-1018/918-22-51
	172	6 3/4	6×18, 4×18	9×18	3	31.0	614-172D360-1018/918-22-51
	178	7	6×18, 4×18	9×18	3	32.0	614-178D360-1018/918-22-51
	190	7 1/2	6×18, 5×18	9×18	3	34.0	614-190D360-1118/918-22-51
	203	8	6×18, 6×18	9×18	3	36.0	614-203D360-1218/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	152	6	8×16	9×18	3	26.0	611-152D360-816/918-22-41
	155	6 1/8	8×16	9×18	3	27.0	611-155D360-816/918-22-41
	159	6 1/4	9×16	9×18	3	29.0	611-159D360-916/918-22-41
	165	6 1/2	8×16	8×18	2	30.0	611-165D360-816/818-22-41
	165	6 1/2	8×16	9×18	3	30.0	611-165D360-816/918-22-41
	172	6 3/4	8×18	9×18	3	31.0	611-172D360-818/918-22-41
	178	7	8×18	9×18	3	32.0	611-178D360-818/918-22-41
	190	7 1/2	9×18	9×18	3	34.0	611-190D360-918/918-22-41
	203	8	9×18	9×18	3	36.0	611-203D360-918/918-22-41
SD6	抛物线齿/凹面型 Parabolic button/Concave face						
	152	6	4×16, 4×16	8×18	2	26.8	613-152SD6-816/818-22-51
	155	6 1/8	4×16, 4×16	8×18	2	27.0	613-155SD6-816/818-22-51
	159	6 1/4	4×16, 4×16	8×18	2	27.8	613-159SD6-816/818-22-51
	165	6 1/2	4×16, 4×16	8×18	2	28.0	613-165SD6-816/818-22-51
	172	6 3/4	4×18, 4×18	8×18	2	30.0	613-172SD6-818/818-22-51
	178	7	4×18, 4×18	8×18	2	32.0	613-178SD6-818/818-22-51
	190	7 1/2	3×18, 5×18	9×18	3	33.0	613-190SD6-818/918-22-51
	203	8	3×18, 6×18	9×18	3	35.0	613-203SD6-918/918-22-51
	圆齿/凹面型 Spherical button/Concave face						
	152	6	4×16, 4×16	8×18	2	26.8	613-152SD6-816/818-22-41
	155	6 1/8	4×16, 4×16	8×18	2	27.0	613-155SD6-816/818-22-41
	159	6 1/4	4×16, 4×16	8×18	2	27.8	613-159SD6-816/818-22-41
	165	6 1/2	4×16, 4×16	8×18	2	28.0	613-165SD6-816/818-22-41
	172	6 3/4	4×18, 4×18	8×18	2	30.0	613-172SD6-818/818-22-41
	178	7	4×18, 4×18	8×18	2	32.0	613-178SD6-818/818-22-41
	190	7 1/2	3×18, 5×18	9×18	3	33.0	613-190SD6-818/918-22-41
	203	8	3×18, 6×18	9×18	3	35.0	613-203SD6-918/918-22-41

6″	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
QL60	圆齿/凹面型 Spherical button/Concave face						
	152	6	4×16,4×16	8×18	2	25.0	613-152QL60-816/818-22-41
	155	6 1/8	4×16,4×16	8×18	2	25.8	613-155QL60-816/818-22-41
	159	6 1/4	4×16,4×16	8×18	2	26.0	613-159QL60-816/818-22-41
	165	6 1/2	4×16,4×16	8×18	2	27.6	613-165QL60-816/818-22-41
	172	6 3/4	4×18,4×18	8×18	2	28.0	613-172QL60-818/818-22-41
	178	7	4×18,4×18	8×18	2	29.0	613-178QL60-818/818-22-41
	190	7 1/2	3×18,5×18	9×18	3	30.0	613-190QL60-818/918-22-41
	203	8	3×18,6×18	9×18	3	32.0	613-203QL60-918/918-22-41
	圆齿/平面型 Spherical button/Flat face						
	152	6	8×16	9×18	3	25.0	611-152QL60-816/918-22-41
	155	6 1/8	8×16	9×18	3	25.8	611-155QL60-816/918-22-41
	159	6 1/4	9×16	9×18	3	26.0	611-159QL60-916/918-22-41
	165	6 1/2	8×16	8×18	2	27.6	611-165QL60-816/818-22-41
	165	6 1/2	8×16	9×18	3	27.6	611-165QL60-816/918-22-41
	172	6 3/4	8×18	9×18	3	28.0	611-172QL60-818/918-22-41
	178	7	8×18	9×18	3	29.0	611-178QL60-818/918-22-41
	190	7 1/2	9×18	9×18	3	30.0	611-190QL60-918/918-22-41
	203	8	9×18	9×18	3	32.0	611-203QL60-918/918-22-41
M60	圆齿/凹面型 Spherical button/Concave face						
	152	6	4×16,4×16	8×18	2	21.0	613-152M60-816/818-22-41
	155	6 1/8	4×16,4×16	8×18	2	21.8	613-155M60-816/818-22-41
	159	6 1/4	4×16,4×16	8×18	2	22.0	613-159M60-816/818-22-41
	165	6 1/2	4×16,4×16	8×18	2	22.9	613-165M60-816/818-22-41
	165	6 1/2	4×18,4×18	8×18	2	22.9	613-165M60-818/818-22-41
	172	6 3/4	4×18,4×18	8×18	2	24.8	613-172M60-818/818-22-41
	178	7	4×18,4×18	8×18	2	25.0	613-178M60-818/818-22-41
	190	7 1/2	3×18,5×18	9×18	3	27.0	613-190M60-818/918-22-41
	203	8	3×18,6×18	9×18	3	29.1	613-203M60-918/918-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	152	6	6×16,4×16	9×18	3	21.0	614-152M60-1016/918-22-51
	155	6 1/8	6×16,4×16	9×18	3	21.8	614-155M60-1016/918-22-51
	159	6 1/4	6×16,4×16	9×18	3	22.0	614-159M60-1016/918-22-51
	165	6 1/2	6×18,4×18	9×18	3	22.9	614-165M60-1018/918-22-51
	172	6 3/4	6×18,4×18	9×18	3	24.8	614-172M60-1018/918-22-51
	178	7	6×18,4×18	9×18	3	25.0	614-178M60-1018/918-22-51
	190	7 1/2	6×18,5×18	9×18	3	27.0	614-190M60-1118/918-22-51
	203	8	6×18,6×18	9×18	3	29.1	614-203M60-1218/918-22-51
	圆齿/平面型 Spherical button/Flat face						
	152	6	8×16	9×18	3	21.0	611-152M60-816/918-22-41
	155	6 1/8	8×16	9×18	3	21.8	611-155M60-816/918-22-41
	159	6 1/4	9×16	9×18	3	22.0	611-159M60-916/918-22-41
	165	6 1/2	8×16	8×18	2	22.9	611-165M60-816/818-22-41
	165	6 1/2	8×16	9×18	3	22.9	611-165M60-816/918-22-41
	172	6 3/4	8×18	9×18	3	24.8	611-172M60-818/918-22-41
	178	7	8×18	9×18	3	25.0	611-178M60-818/918-22-41
	190	7 1/2	9×18	9×18	3	27.0	611-190M60-918/918-22-41
	203	8	9×18	9×18	3	29.1	611-203M60-918/918-22-41

8″	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
DHD380	圆齿/凹面型 Spherical button/Concave face						
	200	7 7/8	6×18,6×18	9×18	3	49.2	613-200D380-1218/918-22-41
	203	8	6×18,6×18	9×18	3	49.7	613-203D380-1218/918-22-41
	216	8 1/2	6×18,8×18	9×18	3	52.0	613-216D380-1418/918-22-41
	219	8 5/8	6×18,9×18	9×18	3	52.7	613-219D380-1518/918-22-41
	222	8 3/4	3×18,5×18	12×18,6×18	3	53.7	613-222D380-818/1818-22-41
	226	8 7/8	3×18,5×18	12×18,6×18	3	54.1	613-226D380-818/1818-22-41
	229	9	3×18,5×18	12×18,6×18	3	56.0	613-229D380-818/1818-22-41
	241	9 1/2	3×18,6×18	12×18,6×18	3	60.1	613-241D380-918/1818-22-41
	251	9 7/8	3×18,7×18	12×18,6×18	3	62.8	613-251D380-1018/1818-22-41
	254	10	3×18,7×18	12×18,6×18	3	63.3	613-254D380-1018/1818-22-41
	270	10 5/8	3×18,8×18	12×18,6×18	3	71.1	613-270D380-1118/1818-22-41
	305	12	6×18,8×18	12×18,9×18	3	84.3	613-305D380-1418/2118-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	203	8	6×18,7×18	9×18	3	49.7	614-203D380-1318/918-22-51
	216	8 1/2	6×18,8×18	9×18	3	52.0	614-216D380-1418/918-22-51
	222	8 3/4	6×18,8×18	12×18	3	53.7	614-222D380-1418/1218-22-51
	圆齿/平面型 Spherical button/Flat face						
	203	8	9×18	9×18	3	49.7	611-203D380-918/918-22-41
	216	8 1/2	12×18	9×18	3	52.0	611-216D380-1218/918-22-41
	222	8 3/4	13×18	12×18	3	53.7	611-222D380-1318/1218-22-41
	229	9	14×18	12×18	3	56.0	611-229D380-1418/1218-22-41
SD8	圆齿/凹面型 Spherical button/Concave face						
	200	7 7/8	6×18,6×18	9×18	3	41.0	613-200SD8-1218/918-22-41
	203	8	6×18,6×18	9×18	3	42.0	613-203SD8-1218/918-22-41
	216	8 1/2	6×18,8×18	9×18	3	53.6	613-216SD8-1418/918-22-41
	219	8 5/8	6×18,9×18	9×18	3	54.0	613-219SD8-1518/918-22-41
	222	8 3/4	3×18,5×18	12×18,6×18	3	56.0	613-222SD8-818/1818-22-41
	226	8 7/8	3×18,5×18	12×18,6×18	3	57.0	613-226SD8-818/1818-22-41
	229	9	3×18,5×18	12×18,6×18	3	58.0	613-229SD8-818/1818-22-41
	241	9 1/2	3×18,6×18	12×18,6×18	3	63.0	613-241SD8-918/1818-22-41
	251	9 7/8	3×18,7×18	12×18,6×18	3	64.0	613-251SD8-1018/1818-22-41
	254	10	3×18,7×18	12×18,6×18	3	67.0	613-254SD8-1018/1818-22-41
	270	10 5/8	3×18,8×18	12×18,6×18	3	72.0	613-270SD8-1118/1818-22-41
	305	12	6×18,8×18	12×18,9×18	3	94.0	613-305SD8-1418/2118-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	203	8	6×18,7×18	9×18	3	42.0	614-203SD8-1318/918-22-51
	216	8 1/2	6×18,8×18	9×18	3	53.6	614-216SD8-1418/918-22-51
	222	8 3/4	6×18,8×18	12×18	3	54.0	614-222SD8-1418/1218-22-51
	圆齿/平面型 Spherical button/Flat face						
	203	8	9×18	9×18	3	42.0	611-203SD8-918/918-22-41
	216	8 1/2	12×18	9×18	3	53.6	611-216SD8-1218/918-22-41
	222	8 3/4	13×18	12×18	3	54.0	611-222SD8-1318/1218-22-41
	229	9	14×18	12×18	3	58.0	611-229SD8-1418/1218-22-41

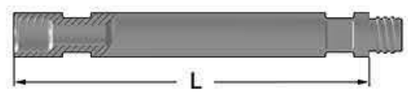
高风压潜孔钻头 | High air pressure DTH Bits

8″	钻头直径 Diameter		合金数量×直径 No.×button diameter		气孔 Air holes	重量 Weight (Kg)	编号 SANLYTOLS P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
QL80	圆齿/凹面型 Spherical button/Concave face						
	200	7 7/8	6×18,6×18	9×18	3	49.9	613-200QL80-1218/918-22-41
	203	8	6×18,6×18	9×18	3	50.4	613-203QL80-1218/918-22-41
	216	8 1/2	6×18,8×18	9×18	3	52.7	613-216QL80-1418/918-22-41
	219	8 5/8	6×18,9×18	9×18	3	53.4	613-219QL80-1518/918-22-41
	222	8 3/4	3×18,5×18	12×18,6×18	3	54.4	613-222QL80-818/1818-22-41
	226	8 7/8	3×18,5×18	12×18,6×18	3	54.8	613-226QL80-818/1818-22-41
	229	9	3×18,5×18	12×18,6×18	3	55.2	613-229QL80-818/1818-22-41
	241	9 1/2	3×18,6×18	12×18,6×18	3	60.8	613-241QL80-918/1818-22-41
	251	9 7/8	3×18,7×18	12×18,6×18	3	63.5	613-251QL80-1018/1818-22-41
	254	10	3×18,7×18	12×18,6×18	3	64.0	613-254QL80-1018/1818-22-41
	270	10 5/8	3×18,8×18	12×18,6×18	3	71.8	613-270QL80-1118/1818-22-41
	305	12	6×18,8×18	12×18,9×18	3	85.0	613-305QL80-1418/2118-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	203	8	6×18,7×18	9×18	3	51.3	614-203QL80-1318/918-22-51
	216	8 1/2	6×18,8×18	9×18	3	53.6	614-216QL80-1418/918-22-51
	222	8 3/4	6×18,8×18	12×18	3	55.2	614-222QL80-1418/1218-22-51
	圆齿/平面型 Spherical button/Flat face						
	203	8	9×18	9×18	3	51.0	611-203QL80-918/918-22-41
	216	8 1/2	12×18	9×18	3	53.7	611-216QL80-1218/918-22-41
	222	8 3/4	13×18	12×18	3	54.4	611-222QL80-1318/1218-22-41
	229	9	14×18	12×18	3	56.8	611-229QL80-1418/1218-22-41
M80	圆齿/凹面型 Spherical button/Concave face						
	200	7 7/8	6×18,6×18	9×18	3	40.8	613-200M80-1218/918-22-41
	203	8	6×18,6×18	9×18	3	41.0	613-203M80-1218/918-22-41
	216	8 1/2	6×18,8×18	9×18	3	41.8	613-216M80-1418/918-22-41
	219	8 5/8	6×18,9×18	9×18	3	42.0	613-219M80-1518/918-22-41
	222	8 3/4	3×18,5×18	12×18,6×18	3	49.0	613-222M80-818/1818-22-41
	226	8 7/8	3×18,5×18	12×18,6×18	3	51.0	613-226M80-818/1818-22-41
	229	9	3×18,5×18	12×18,6×18	3	53.0	613-229M80-818/1818-22-41
	241	9 1/2	3×18,6×18	12×18,6×18	3	56.0	613-241M80-918/1818-22-41
	251	9 7/8	3×18,7×18	12×18,6×18	3	56.8	613-251M80-1018/1818-22-41
	254	10	3×18,7×18	12×18,6×18	3	57.0	613-254M80-1018/1818-22-41
	270	10 5/8	3×18,8×18	12×18,6×18	3	61.0	613-270M80-1118/1818-22-41
	305	12	6×18,8×18	12×18,9×18	3	77.0	613-305M80-1418/2118-22-41
	抛物线齿/凸面型 Parabolic button/Convex face						
	203	8	6×18,7×18	9×18	3	41.0	614-203M80-1318/918-22-51
	216	8 1/2	6×18,8×18	9×18	3	42.0	614-216M80-1418/918-22-51
	222	8 3/4	6×18,8×18	12×18	3	49.0	614-222M80-1418/1218-22-51
	圆齿/平面型 Spherical button/Flat face						
	203	8	9×18	9×18	3	41.0	611-203M80-918/918-22-41
	216	8 1/2	12×18	9×18	3	42.0	611-216M80-1218/918-22-41
	222	8 3/4	13×18	12×18	3	49.0	611-222M80-1318/1218-22-41
	229	9	14×18	12×18	3	53.0	611-229M80-1418/1218-22-41

潜孔钻杆 | DTH drill pipes

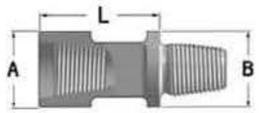


外径 Outer diameter		螺纹 Thread	壁厚 Wall thickness		长度 Length		扳手槽 Wrench flat		重量 Weight approx kg	三力型号 SANLYTOLS P/N
毫米 mm	英寸 inch		毫米 mm	英寸 inch	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
API螺纹 API Reg thread										
76	3	2 3/8 API Reg	5.5	1/5	1000	3'33/8"	57	2 1/4	17	63-076-1057-5.5-1000-42
76	3		5.5	1/5	1500	4'11"	57	2 1/4	22	63-076-1057-5.5-1500-42
76	3		5.5	1/5	2000	6'63/4"	57	2 1/4	26	63-076-1057-5.5-2000-42
76	3		5.5	1/5	3000	9'10"	57	2 1/4	35	63-076-1057-5.5-3000-42
76	3		5.5	1/5	1000	3'33/8"	65	2 5/9	17	63-076-1065-5.5-1000-42
76	3		5.5	1/5	1500	4'11"	65	2 5/9	22	63-076-1065-5.5-1500-42
76	3		5.5	1/5	2000	6'63/4"	65	2 5/9	26	63-076-1065-5.5-2000-42
76	3		5.5	1/5	3000	9'10"	65	2 5/9	35	63-076-1065-5.5-3000-42
76	3		6.5	1/4	3000	9'10"	65	2 5/9	46	63-076-1065-6.5-3000-42
76	3		6.5	1/4	4500	14'9"	65	2 5/9	56	63-076-1065-6.5-4500-42
76	3		6.5	1/4	6000	19'8"	65	2 5/9	73	63-076-1065-6.5-6000-42
89	3 1/2		5.5	1/5	1000	3'33/8"	65	2 5/9	20	63-089-1065-5.5-1000-42
89	3 1/2		5.5	1/5	1500	4'11"	65	2 5/9	25	63-089-1065-5.5-1500-42
89	3 1/2		5.5	1/5	2000	6'63/4"	65	2 5/9	30	63-089-1065-5.5-2000-42
89	3 1/2		5.5	1/5	3000	9'10"	65	2 5/9	40	63-089-1065-5.5-3000-42
89	3 1/2		6.5	1/4	1000	3'33/8"	65	2 5/9	21	63-089-1065-6.5-1000-42
89	3 1/2		6.5	1/4	1500	4'11"	65	2 5/9	26	63-089-1065-6.5-1500-42
89	3 1/2		6.5	1/4	2000	6'63/4"	65	2 5/9	32	63-089-1065-6.5-2000-42
89	3 1/2		6.5	1/4	3000	9'10"	65	2 5/9	45	63-089-1065-6.5-3000-42
89	3 1/2		6.5	1/4	4500	14'9"	65	2 5/9	65	63-089-1065-6.5-4500-42
89	3 1/2		6.5	1/4	6000	19'8"	65	2 5/9	84	63-089-1065-6.5-6000-42

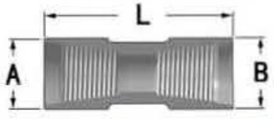


F螺纹 F thread										
50	2	F42×10	4.5	1/6	1000	3'33/8"	40	1 5/8		63-050-6040-4.5-1000-42
60	2 3/8	F48×10	4.5	1/6	1000	3'33/8"	40	1 5/8		63-060-6140-4.5-1000-42
60	2 3/8		4.5	1/6	1500	4'11"	40	1 5/8		63-060-6140-4.5-1500-42
60	2 3/8		4.5	1/6	2000	6'63/4"	40	1 5/8		63-060-6140-4.5-2000-42
60	2 3/8		4.5	1/6	3000	9'10"	40	1 5/8		63-060-6140-4.5-3000-42

转换接头 | subs



内螺纹A Box thread A	外螺纹B Pin thread B	外径A Diameter A		外径B Diameter B		长度 Length		扳手槽 Wrench flat		重量 Weight approx kg	三力型号 SANLYTOLS P/N
		毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
2 3/8"API Reg	2 3/8"API Reg	77	3	77	3	140	5 1/2	65	2 5/9	4.0	642-77-1010-65-140-42
2 3/8"API Reg	2 3/8"API Reg	90	3 1/2	90	3 1/2	140	5 1/2	65	2 5/9	5.5	642-90-1010-65-140-42
2 3/8"API Reg	2 3/8"API Reg	102	4	102	4	130	5 1/8	76	3	7.8	642-102-1010-76-130-42
2 3/8"API Reg	2 3/8"API IF	90	3 1/2	90	3 1/2	144	5 5/7	65	2 5/9	5.5	642-90-1011-65-144-42
2 3/8"API Reg	2 7/8"API Reg	95	3 3/4	95	3 3/4	130	5 1/8	65	2 5/9	8.0	642-95-1020-65-130-42
2 3/8"API Reg	3 1/2"API Reg	90	3 1/2	102	4	120	4 5/7	95	3 3/4	10.5	642-90-1030-95-120-42
2 3/8"API IF	2 3/8"API Reg	90	3 1/2	90	3 1/2	164	6 1/2	65	2 5/9	6.8	642-90-1110-65-164-42
2 7/8"API Reg	2 3/8"API Reg	90	3 1/2	90	3 1/2	154	6 1/8	65	2 5/9	6.5	642-90-2010-65-154-42
2 7/8"API Reg	3 1/2"API Reg	90	3 1/2	115	4 1/2	120	4 5/7	95	3 3/4	11.0	642-90-2030-95-120-42
3 1/2"API Reg	2 3/8"API Reg	115	4 1/2	115	4 1/2	219	8 5/8	95	3 3/4	12.5	642-115-3010-95-219-42
3 1/2"API Reg	2 3/8"API IF	115	4 1/2	115	4 1/2	160	6 2/7	95	3 3/4	10.5	642-115-3011-95-160-42
3 1/2"API Reg	2 7/8"API Reg	115	4 1/2	115	4 1/2	160	6 2/7	95	3 3/4	10.8	642-115-3020-95-160-42
3 1/2"API Reg	2 7/8"API IF	115	4 1/2	115	4 1/2	160	6 2/7	95	3 3/4	10.8	642-115-3021-95-160-42
3 1/2"API Reg	3 1/2"API Reg	115	4 1/2	115	4 1/2	160	6 2/7	95	3 3/4	10.5	642-115-3030-95-160-42
3 1/2"API Reg	4 1/2"API Reg	146	5 3/4	146	5 3/4	132	5 1/6	120	4 5/7	16.5	642-146-3040-120-132-42
4 1/2"API Reg	3 1/2"API Reg	146	5 3/4	115	4 1/2	235	9 1/4	95	3 3/4	19.0	642-146-4030-95-235-42
F48×10	F42×10	59	2 3/8	59	2 3/8	203	8	40	1 5/8		642-59-6160-40-203-42
F48×10	F48×10	59	2 3/8	59	2 3/8	203	8	40	1 5/8		642-59-6161-40-203-42
F48×10	2"API Reg	59	2 3/8	59	2 3/8	203	8	40	1 5/8		642-59-6190-40-203-42



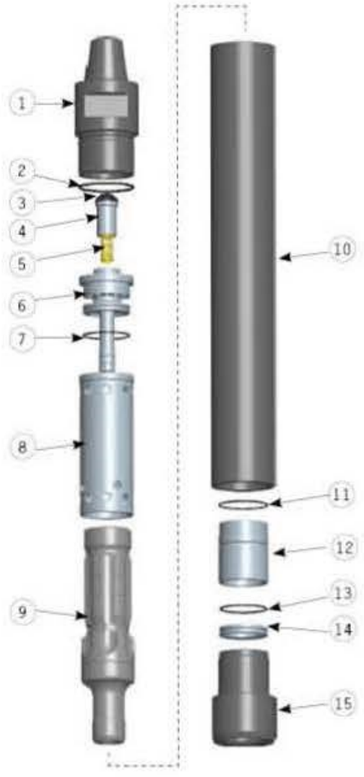
内螺纹A Box thread A	内螺纹B Box thread B	外径A Diameter A		外径B Diameter B		长度 Length		扳手槽 Wrench flat		重量 Weight approx kg	三力型号 SANLYTOLS P/N
		毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
2 3/8"API Reg	2 3/8"API Reg	77	3	77	3	200	7 7/8	65	2 5/9	4.5	641-77-1010-65-200-42
2 3/8"API Reg	2 3/8"API Reg	90	3 1/2	90	3 1/2	200	7 7/8	65	2 5/9	6.0	641-90-1010-65-200-42
2 3/8"API Reg	2 7/8"API Reg	90	3 1/2	90	3 1/2	225	8 7/8	65	2 5/9	6.2	641-90-1020-65-225-42
2 3/8"API Reg	3 1/2"API Reg	115	4 1/2	115	4 1/2	210	8 1/4	95	3 3/4	10.0	641-115-1030-65-210-42



外螺纹A Pin thread A	外螺纹B Pin thread B	外径A Diameter A		外径B Diameter B		长度 Length		扳手槽 Wrench flat		重量 Weight approx kg	三力型号 SANLYTOLS P/N
		毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
2 3/8"API Reg	2 3/8"API Reg	90	3 1/2	90	3 1/2	70	2 3/4	65	2 5/9	4.6	643-90-1010-65-70-42
2 3/8"API Reg	3 1/2"API Reg	90	3 1/2	115	4 1/2	97	3 3/4	95	3 3/4	9.0	643-90-1030-95-97-42
3 1/2"API Reg	3 1/2"API Reg	115	4 1/2	115	4 1/2	90	3 1/2	95	3 3/4	10.0	643-115-3030-95-90-42

冲击器 | DRAGON4

DRAGON4 冲击器—90017220
DRAGON4 HAMMER—90017220



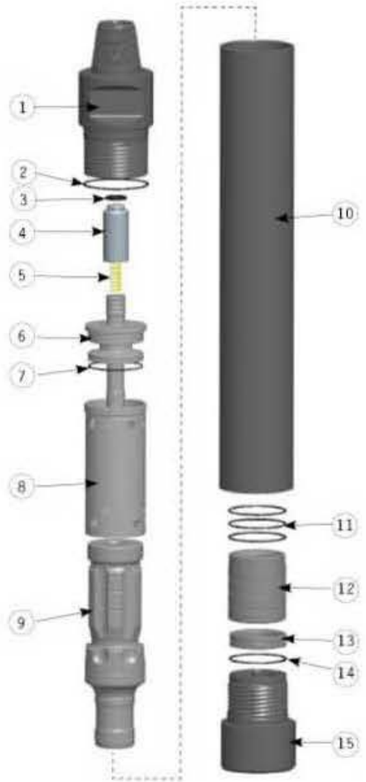
零件名称 Product name	零件号 Product No.	数量 Qty
1 后接头 Backhead	90017224	1
2 O 型圈 O ring	90017225	1
3 顶头 Check valve Cap	90017226	1
4 逆止阀 Check valve	90017227	1
5 弹簧 Spring	90017228	1
6 配气座 Distributor	90017229	1
7 O 型圈 O ring	90017230	1
8 气缸 Cylinder	90017231	1
9 活塞 Piston	90017232	1
10 外套管 Casing	90017233	1
11 O 型圈 Oring	90017234	1
12 导向套 Bearing	90017235	1
13 O 型圈 Oring	90017236	1
14 保持环 Bit retain ring	90017237	1
15 前接头 Chuck	90017238	1

冲击器参数 Hammer Specification

后接头连接形式 Backhead connection	2-3/8 API reg pin	冲击器长度 mm Length W/O bit	907.3	推荐转速 rpm Rotation Speed	40-60
扳子口厚度 mm Wrench flat mm	75	冲击器重量 kg Weight W/O bit	39.5	推进力 kg Feed force-kg	680-908
冲击器直径 mm Hammer OD mm	100	钻头柄部形式 Bit Shank	DHD340	耗风量 Air consumption	
				10 bar	5m³/min
活塞重量 kg Piston Weight kg	8.5	钻头尺寸范围 mm Bit Size	110-130	18 bar	10m³/min
				24 bar	15m³/min

备注：冲击器长度为后接头肩部到前接头端面距离，不含API螺纹。

DRAGON 5 冲击器-90017221
DRAGON 5 Hammer-90017221



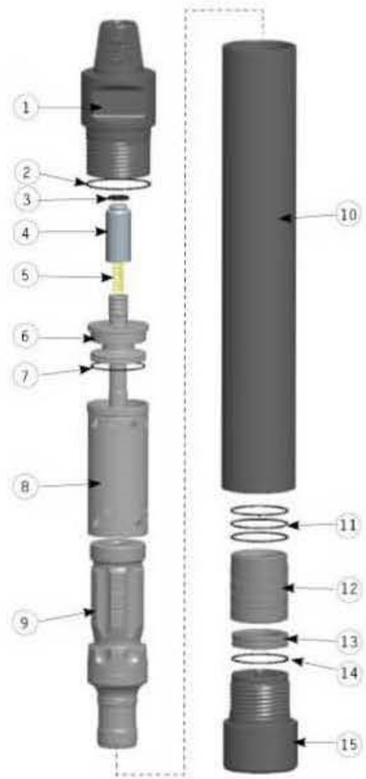
零件名称 Product name	零件号 Product No.	数量 Qty
1 后接头 Backhead	90017239	1
2 O 型圈 O ring	90017241	1
3 O 型圈 O ring	90017242	1
4 逆止阀 Check valve	90017243	1
5 弹簧 Spring	90017244	1
6 配气座 Distributor	90017245	1
7 O 型圈 O ring	90017246	1
8 气缸 Cylinder	90017247	1
9 活塞 Piston	90017248	1
10 外套管 Casing	90017249	1
11 O 型圈 Oring	90017250	3
12 导向套 Bearing	90017251	1
13 O 型圈 Oring	90017252	1
14 保持环 Bit retain ring	90017253	1
15 前接头 Chuck	90017254	1

冲击器参数 Hammer Specification

后接头连接形式 Backhead connection	3-1/2 API Reg pin	冲击器长度 mm Length W/O bit	955.3	推荐转速 RPM Rotation Speed	40-60
扳子口厚度 mm Wrench flat mm	75mm	冲击器重量 kg Weight W/O bit	70.5	推进力-kg Feed force-kg	680-908
冲击器直径 mm Hammer OD	127mm	钻头柄部形式 Bit Shank	DHD350	耗风量 Air consumption	
				10 bar	7 M³/min
活塞重量 kg Piston Weight	15kg	钻头尺寸范围 mm Bit Size	140-152	18 bar	14 M³/min
				24 bar	19 M³/min

备注：冲击器长度为后接头肩部到前接头端面距离，不含API螺纹。

DRAGON 5-OPTA 冲击器-90017255
DRAGON 5-OPTA Hammer-90017255



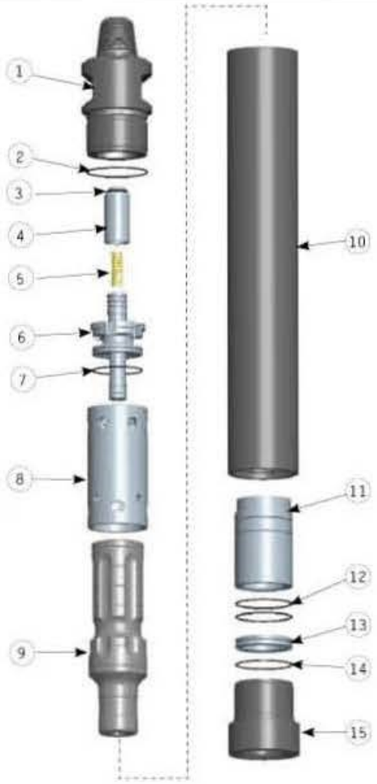
零件名称 Product name	零件号 Product No.	数量 Qty
1 后接头 Backhead	90017240	1
2 O 型圈 O ring	90017241	1
3 O 型圈 O ring	90017242	1
4 逆止阀 Check valve	90017243	1
5 弹簧 Spring	90017244	1
6 配气座 Distributor	90017245	1
7 O 型圈 O ring	90017246	1
8 气缸 Cylinder	90017247	1
9 活塞 Piston	90017248	1
10 外套管 Casing	90017249	1
11 O 型圈 Oring	90017250	3
12 导向套 Bearing	90017251	1
13 O 型圈 Oring	90017252	1
14 保持环 Bit retain ring	90017253	1
15 前接头 Chuck	90017254	1

冲击器参数 Hammer Specification

后接头连接形式 Backhead connection	2-3/8 API Reg pin	冲击器长度 mm Length W/O bit	955.3	推荐转速 RPM Rotation Speed	40-60
扳子口厚度 mm Wrench flat mm	75mm	冲击器重量 kg Weight W/O bit	70.5	推进力-kg Feed force-kg	680-908
冲击器直径 mm Hammer OD	127mm	钻头柄部形式 Bit Shank	DHD350	耗风量 Air consumption	
				10 bar	7 M³/min
活塞重量 kg Piston Weight	15kg	钻头尺寸范围 mm Bit Size	140-152	18 bar	14 M³/min
				24 bar	19 M³/min

备注：冲击器长度为后接头肩部到前接头端面距离，不含API螺纹。

DRAGON 6 冲击器-90017222
DRAGON 6 Hammer-90017222

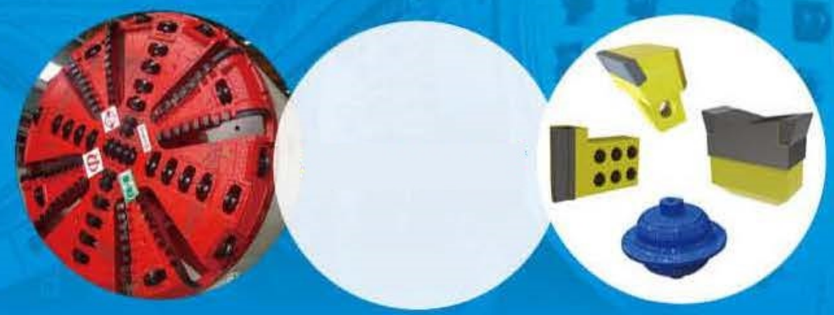


零件名称 Product name	零件号 Product No.	数量 Qty
1 后接头 Backhead	92060072	1
2 O 型圈 O ring	92060080	1
3 O 型圈 O ring	95962668	1
4 逆止阀 Check valve	92050515	1
5 弹簧 Spring	51600773	1
6 配气座 Distributor	92060075	1
7 O 型圈 O ring	92060081	1
8 气缸 Cylinder	92060074	1
9 活塞 Piston	92060076	1
10 外套管 Casing	92060073	1
11 导向套 Bearing	92060077	1
12 O 型圈 Oring	92060082	2
13 保持环 Bit retain ring	92060078	1
14 O 型圈 Oring	92060082	1
15 前接头 Chuck	92060079	1

冲击器参数 Hammer Specification

后接头连接形式 Backhead connection	3-1/2 API reg pin	冲击器长度 mm Length W/O bit	1143.1	推荐转速 rpm Rotation Speed	30-50
扳子口厚度 mm Wrench flat mm	101.6	冲击器重量 kg Weight W/O bit	105	推进力 kg Feed force-kg	908-1360
冲击器直径 mm Hammer OD mm	146	钻头柄部形式 Bit Shank	DHD360	耗风量 Air consumption	
				10 bar	9 M^3/min
活塞重量 kg Piston Weight kg	24	钻头尺寸范围 mm Bit Size	152-203	18 bar	18 M^3/min
				24 bar	26 M^3/min

备注：冲击器长度为后接头肩部到前接头端面距离，不含API螺纹。



盾构刀具
SHIELD DRIVING & TBM CUTTERS

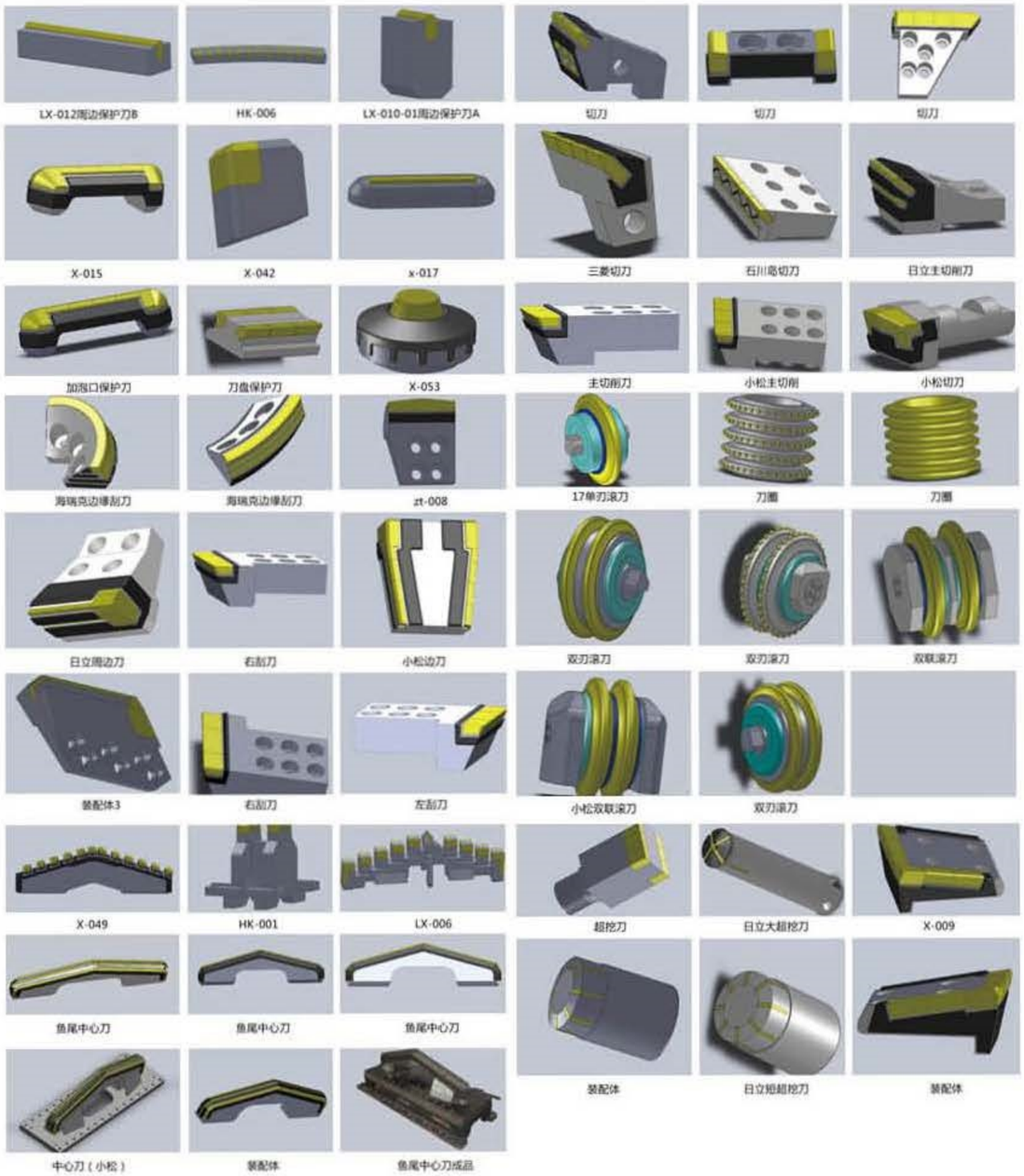
		Page
Shield driving & TBM cutters	盾构刀具	84



盾构刀具|Shield driving & TBM cutters



盾构刀具|Shield driving & TBM cutters





矿用工具
MINING TOOLS

		Page
Carbide Tips	常用合金	88
Conical pick tools	采煤机镐形截齿	90
Crusher pick tools	掘进机镐形截齿	94
Flats pick tools	采煤机刀形截齿	96
Blocks and Sleeves	齿座和齿套	97
Surface Mining Tools	表面开采工具	98
Foundation drilling tools	打桩机钻具	103

Plug tips 柱齿

◆Z2538



◆Z2236



◆Z1932



◆Z1626



◆Z2534



◆Z2234



◆Z2230



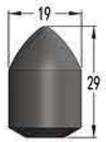
◆Z2228



◆Z2030



◆Z1929



◆Z1828



◆Z1625



◆Z1320



◆Z1222



Narrow-bottom 磨菇齿

◆M2538



◆M2236



◆M1932



◆M1828



◆M1626



◆M1320



Flat-bottom 平底齿

◆P2221



◆P2021



◆P1920



◆P1919



◆P1818



◆P1616

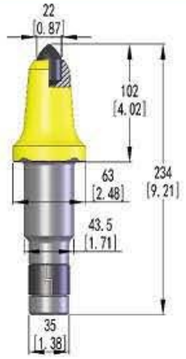


43 mm/35mm(1.70”/1.38”) step shank 带台阶齿柄

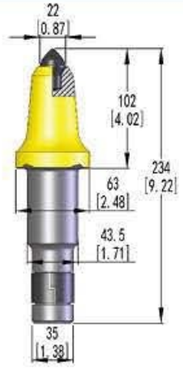
◆JZ89/43-U170/Z25-42BN-3



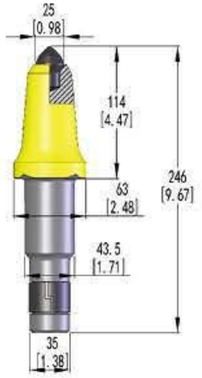
◆JZ102/43-U170/Z22-42B-3



◆JZ102/43-U170/M22-42B-3



◆JZ114/43-U170/M25-42B-3





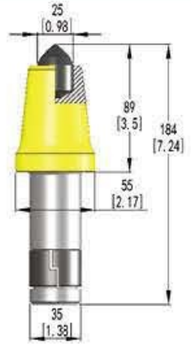


35mm(1.38”)shank 齿柄

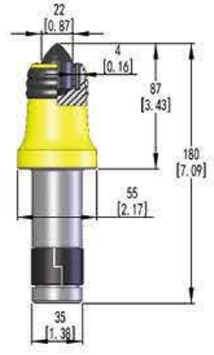
◆JZ89/35-U95/Z25-42N-3



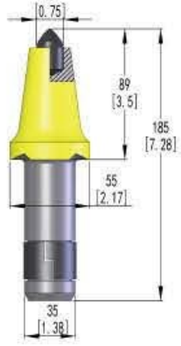
◆JZ89/35-U95/Z25-23-3



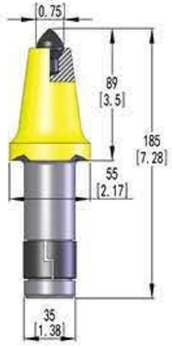
◆JZ89/35-U95/Z22/Z4-42N-3



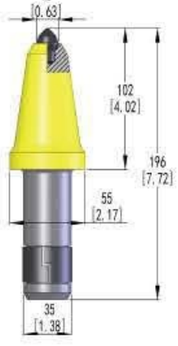
◆JZ89/35-U94/Z19-42B-3



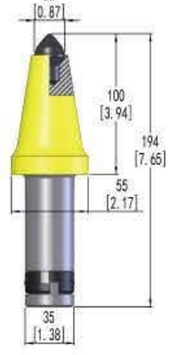
◆JZ89/35-U94/M19-42B-3



◆JZ102/35-U92/M16-42-3



◆JZ100/35-U92/M22-42-3

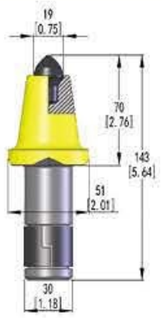




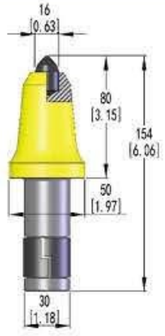


30mm(1.18")shank 齿柄

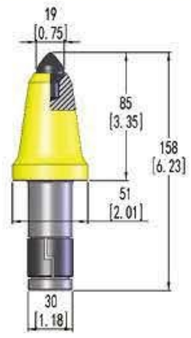
◆JZ70/30-U84/M19-42B-3



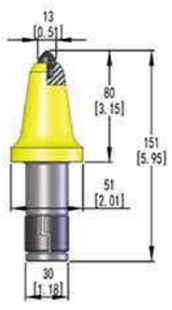
◆JZ80/30-U84/Z16-42-3



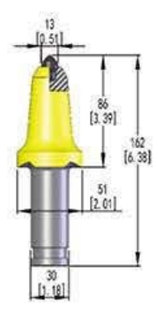
◆JZ85/30-U84/M19-42-3



◆JZ80/30-U82/M13-42-3



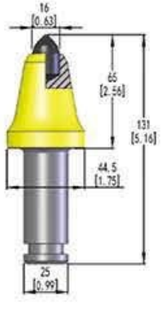
◆JZ86/30-U85/M13-42B-3





25mm(0.99")shank 齿柄

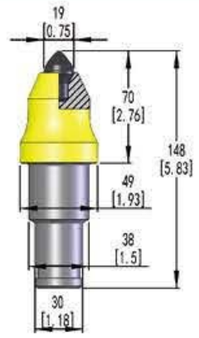
◆JZ64/25-U76/Z16-42-3



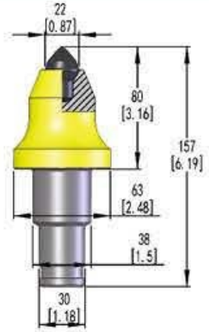


38mm/30mm(1.5"/1.18") step shank 带台阶齿柄

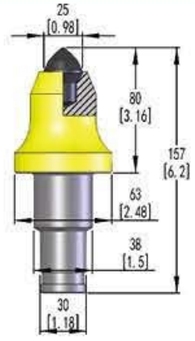
◆JZ70/38-U47/M19-42-3



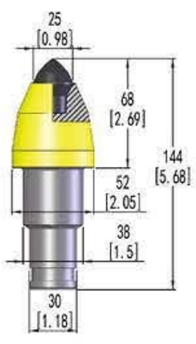
◆JZ80/38-U47/M22-42-3



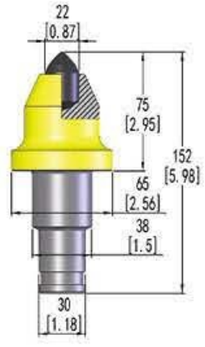
◆JZ80/38-U47/M25-42-3



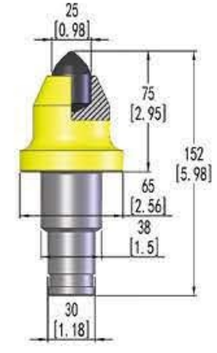
◆JZ68/38-U47/M25-42-3



◆JZ75/38-S160/Z22-42-3



◆JZ75/38-S160/Z25-42-3



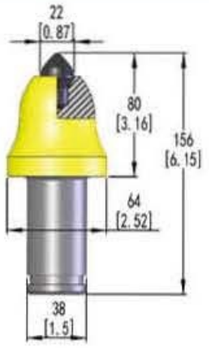




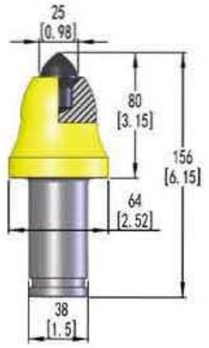
掘进机镐形截齿 | Crusher pick tools

38mm(1.5") shank 齿柄

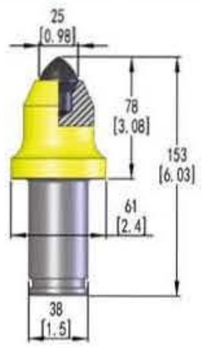
◆JZ80/38-U135/M22-42-3



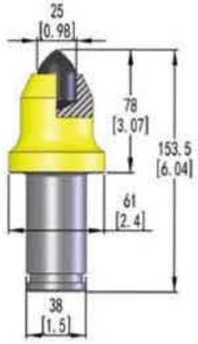
◆JZ80/38-U135/M25-42-3



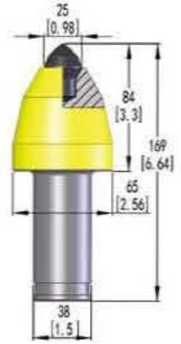
◆JZ78/38-S150/M25-42-3



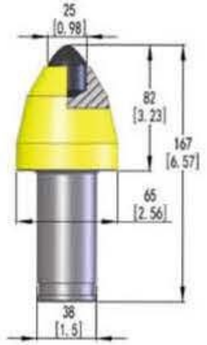
◆JZ78/38-S150/Z25-42-3



◆JZ84/38-JMS260/M25-42-3



◆JZ82/38-JMS260/Z25-42-3



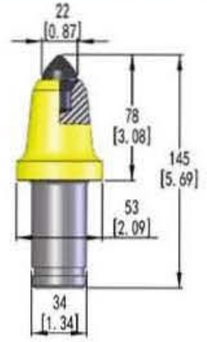




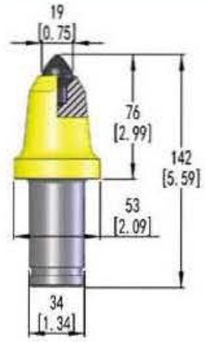
掘进机镐形截齿 | Crusher pick tools

34 mm(1.34") shank 齿柄

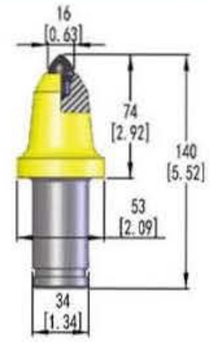
◆JZ78/34-S100/M22-42-3



◆JZ76/34-S100/M19-42-3

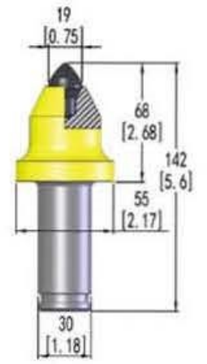


◆JZ74/34-S100/M16-42-3

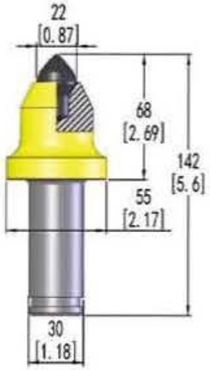


30 mm(1.18") shank 齿柄

◆JZ68/30-U120/M19-42-3



◆JZ68/30-U120/M22-42-3



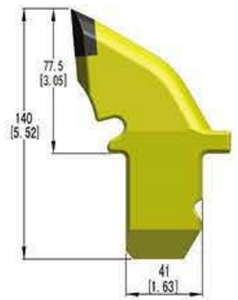




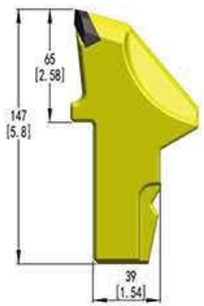
采煤机刀形截齿 | Flats pick tools

Flats and Radials 板齿

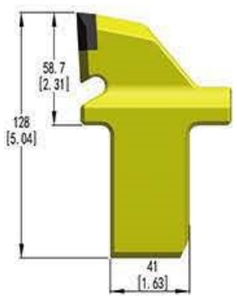
◆JB77/41/25-KR300-42-3



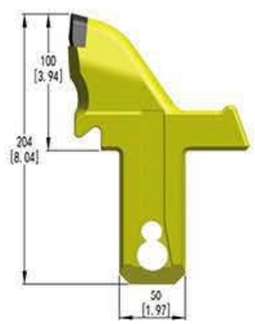
◆JB65/39/25-42-3



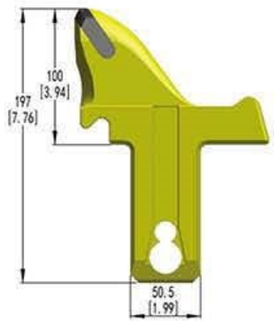
◆JB59/41/25-AM276-42-3



◆JB100/50/30-HDL-42-3



◆JB100/50/30-AUS-42-3



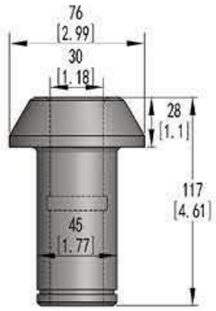




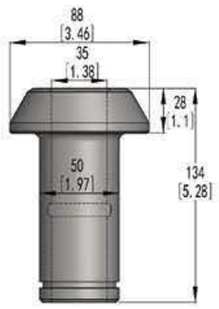
齿座和齿套 | Blocks and Sleeves

Blocks and Sleeves 齿座和齿套

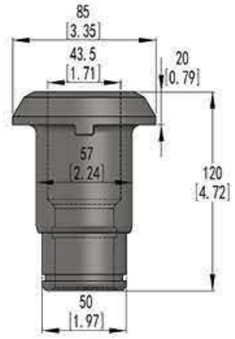
◆U80K177S



◆U90K225R



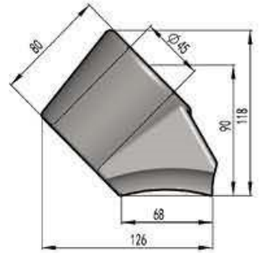
◆U170K225S



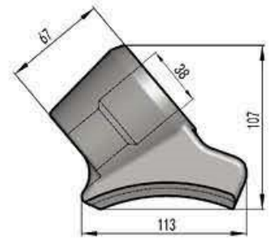
◆K225S



◆K177S



◆U43XHD

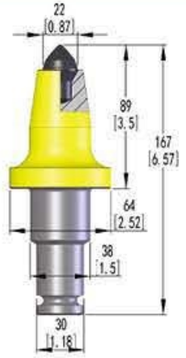




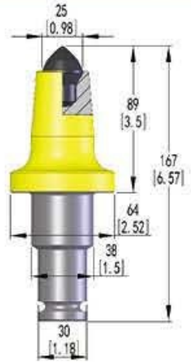


38mm/30mm(1.5”/1.18”) step shank 带台阶齿柄

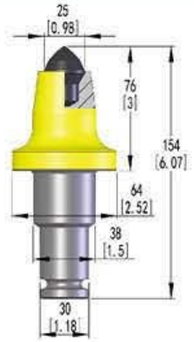
◆JZ89/38-TS36C/M22-23-3



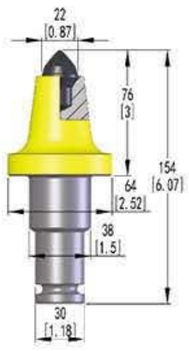
◆JZ89/38-TS37C/M25-23-3



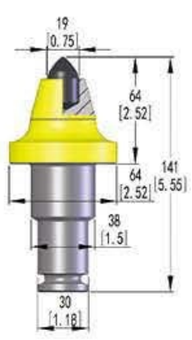
◆JZ76/38-TS30C/M25-23-3



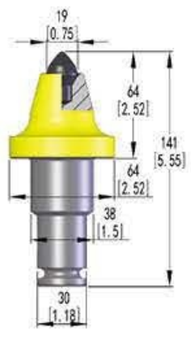
◆JZ76/38-TS32C/M22-23-3



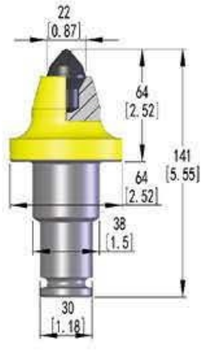
◆JZ64/38-TS5C/Z19-23-3



◆JZ64/38-TS40C/M19-23-3



◆JZ64/38-TS41C/M22-23-3

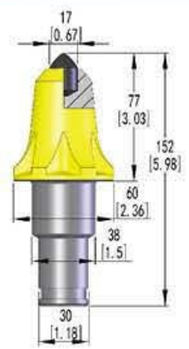




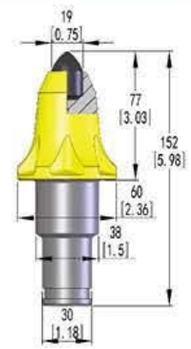


38mm/30mm(1.5”/1.18”) step shank 带台阶齿柄

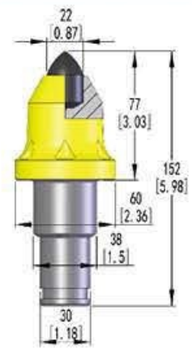
◆JZ77/38-WSM/Z17-23-3



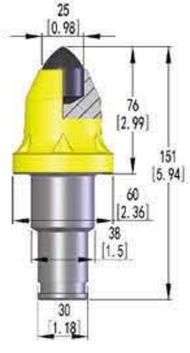
◆JZ77/38-WSM/Z19-23-3



◆JZ77/38-WSM/Z22-23-3



◆JZ77/38-WSM/Z25-23-3



◆JZ77/38-WSMX/Z25-23-3



◆JZ77/38-WSMX/Z25-42N-3





42mm (1.66") shank 齿柄

◆JZ77/42-WSM/M22-23-3



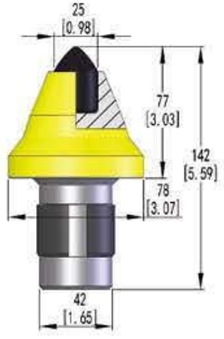
◆JZ77/42-WSM/Z22-23-3



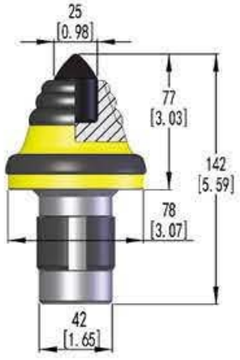
◆JZ77/42-WSM/M25-23-3



◆JZ77/42-WSM/Z25-23-3



◆JZ77/42-WSM/Z25-42N-3



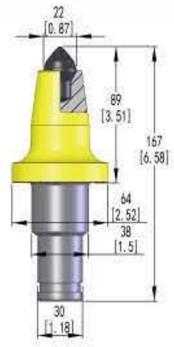






38mm/30mm(1.5"/1.18") step shank 带台阶齿柄

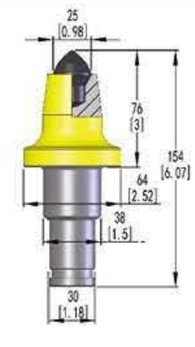
◆JZ89/38-TS36/M22-42-3



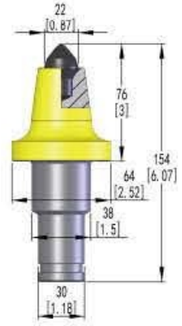
◆JZ89/38-TS37/M25-42-3



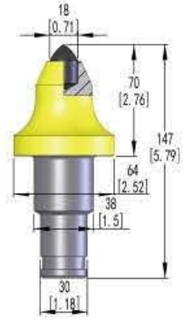
◆JZ76/38-TS30/M25-42-3



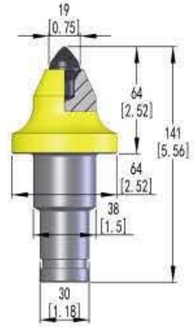
◆JZ76/38-TS32/M22-42-3



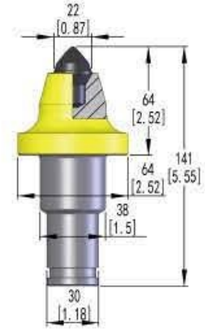
◆JZ70/38-P3DS/Z18-42-3



◆JZ64/38-TS40/M19-42-3



◆JZ64/38-TS41/M22-42-3



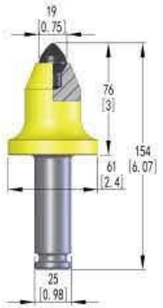




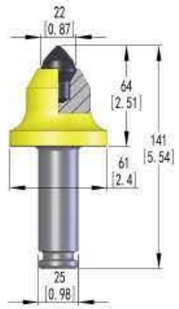
表面开采|Surface mining tools

25mm(1")shank 齿柄

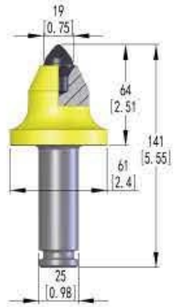
◆JZ76/25-T18/M19-42-3



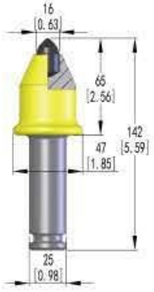
◆JZ64/25-T19/M22-42-3



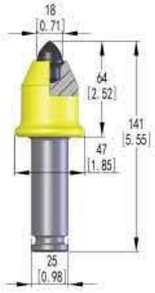
◆JZ64/25-T20/M19-42-3



◆JZ65/25-C35R/Z16-42-3



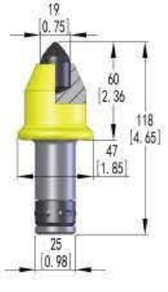
◆Z64/25-C36R/M18-42-3



◆JZ61/25-C31HD/Z12-42-3



◆JZ60/25-C34FSR/Z19-42-3

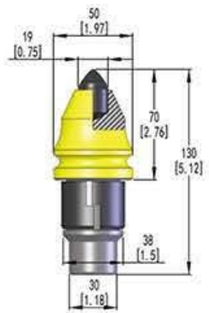




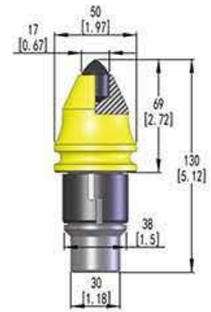
打桩机钻具|Foundation drilling tools

38mm/30mm(1.5"/1.18") step shank 带台阶齿柄

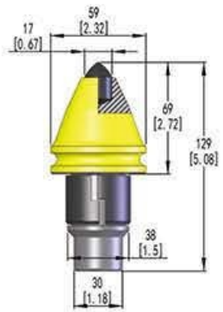
◆JZ70/38-DS01/Z19-42-3



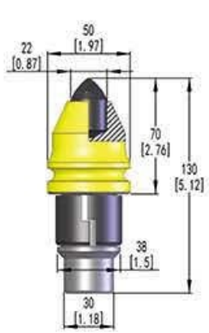
◆JZ70/38-DS04/Z17-42-3



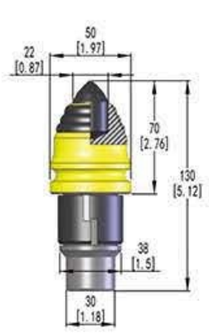
◆JZ70/38-DS04-59/Z17-42-3



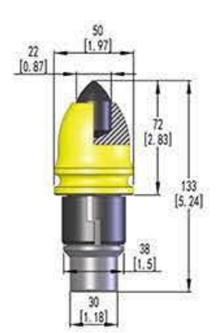
◆JZ70/38-DS05/Z22-42-3



◆JZ70/38-DS05/Z22-42N-3



◆JZ70/38-DS03/Z22-42-3







打桩机钻具 | Foundation drilling tools

Cutter teeth 旋挖齿

◆SS42L & SS38M & SS42H



◆SS65T & SS65H



◆SS70T & SS70H



◆SS80L & SS80H



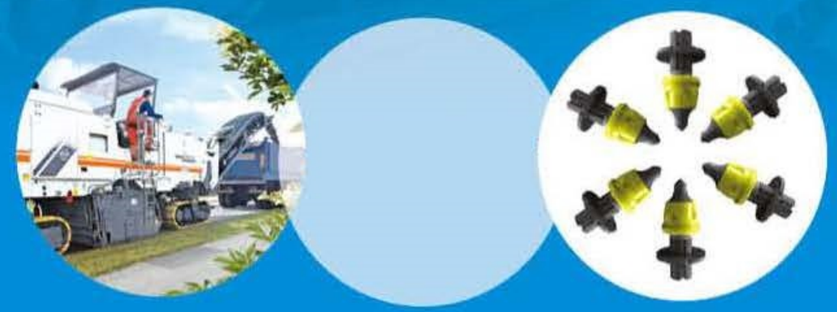
◆Pilot cutter teeth 桩机中心刀









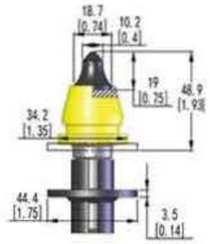


刨路齿
ROAD MILLING TOOLS

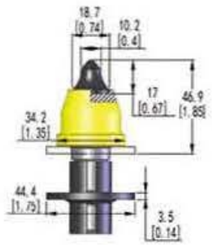
		Page
Road milling tools	刨路齿	106
Grader blades	平地机刀头	109
Trenching tools	槽沟刀具	110

20mm (.76") shank 齿柄

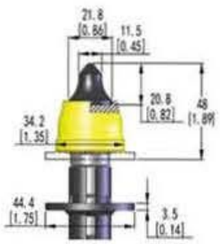
◆JZ49/20-RZ25/P19-23-2



◆JZ47/20-RZ05/P19-23-2



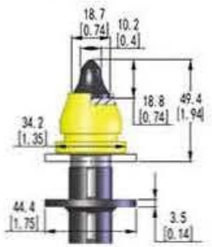
◆JZ48/20-RZ08/P22-23-2



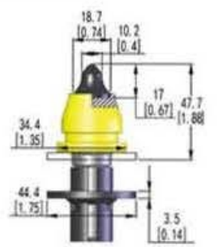
◆JZ48/20-RZ19/C19-23-2



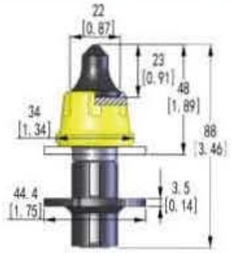
◆JZ49/20-RZ16/P19-23-2



◆JZ48/20-RZ24/P19-23-2



◆JZ48/20-W8EHR/P22-23-2



◆JZ48/20-W7EHR/P20-23-2



◆JZ48/20-W6EHR/P19-23-2



◆JZ48/20-W5EHR/P17-23-2

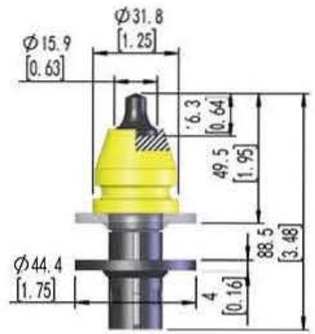


◆JZ48/20-W4ER/P16-23-2

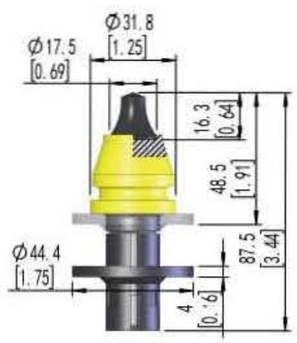


20mm(.76") shank 齿柄

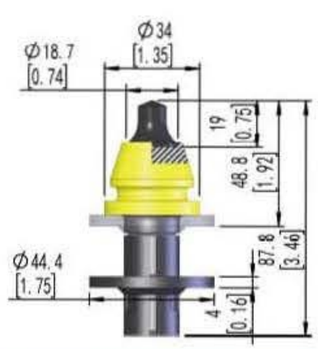
◆DA35



◆DA519



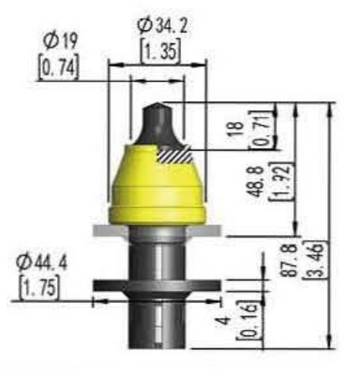
◆DA2022



◆DM1019



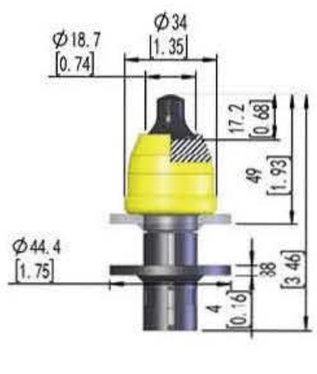
◆DM2022



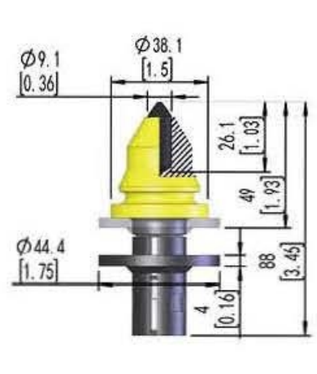
◆DM622



◆DM1922



◆DC35

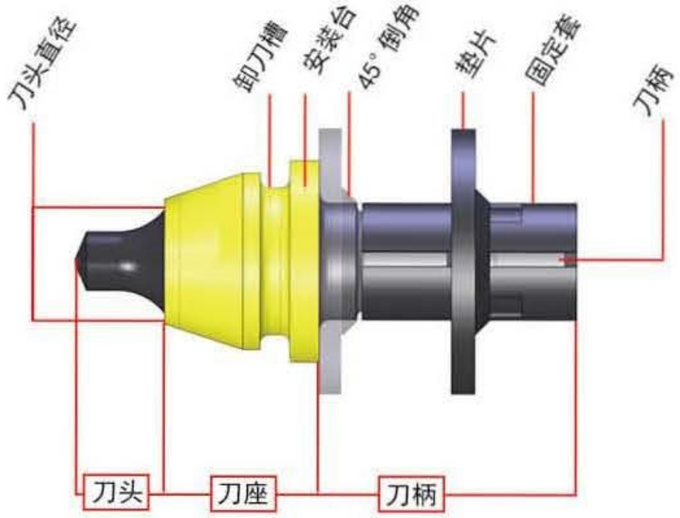


◆DC622



刨路齿 | Road milling tools

20mm(.76") shank 齿柄



路面铣刨工具

标准刀柄直径为19.89毫米

铣刨齿常用型号推荐：

三力型号 SANLYTOLS P/N	零件编号	适用铣刨鼓宽度（m）				适用路面 Road conditions	通用型号 corresponding models	建议应用机型 Suggest choose the pavement milling planer
		0.35	0.5	0.6-1.9	2-2.2			
DA35	90015002	●	●	●		沥青	RP18	PL350, PL500, PL600, PL1000; W35DC, W50, W50DC, W100, W100L, W100F, W120F, W130F, W1900
DA519	90015004		●	●		沥青	RP28	PL500, PL600, PL1000; W50, W50DC, W100, W100L, W100F, W120F, W130F, W1900
DA2022	90015001				●	沥青	RZ25	PL2000, PL2100; W1900, W2000, W2100
DM1019	90015014			●※	●	沥青 混凝土	RP01	PL600, PL2000, PL2100; W50, W50DC, W100, W100L, W100F, W120F, W130F, W1900, W2000, W2100
DM2022	90015009				●	沥青	RZ19	PL2000, PL2100; W1900, W2000, W2100
DM622	90015005			●※	●	沥青 混凝土	RP06	PL2000, PL2100; W1900, W2000, W2100
DM1922	90015003			●	●	沥青	W6HR	PL2000, PL2100; W1900, W2000, W2100
DC35	90015013	●	●			混凝土	RP22	PL350, PL500; W35DC, W50, W50DC
DC622	90015007			●	●	混凝土	RP21	PL600, PL1000, PL2000, PL2100; W100, W100L, W100F, W120F, W130F, W1900, W2000, W2100

※不推荐PL1000使用

平地机刀头 | Grader blades

22mm(.87") shank 齿柄

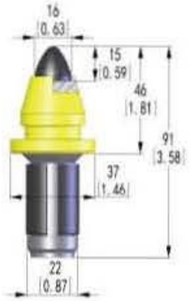
◆JZ44/22-C858/P25-23-2



◆JZ44/22-C87/P25-23-2



◆JZ46/22-C387/P16-23-2



◆JZ49/22-C87/P16-23-2



◆JZ43/22-K1LW/C16Y-23-2



◆JZ45/22-K1LW/C16-23-2







槽沟刀具 Trenching tools

22mm(.87"),20mm(.76"), 19mm(.74"), 11mm(.44")shank 齿柄

◆JZ44/22-SM02/P16-42-3



◆JZ45/22-SL04/Z12-42-3



◆JZ44/20-RL10/Z12-42-3



◆JZ45/20-RS17/M16-42-3



◆JZ45/19-C21HD/Z12-42-3



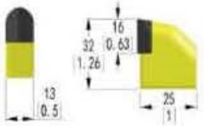
◆JZ43/19-K3LA/C16-42-3



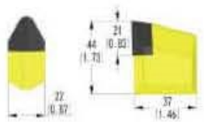
◆JZ27/11-CM42/P16-42-3



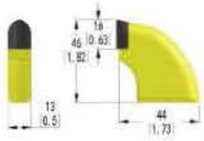
◆RT1



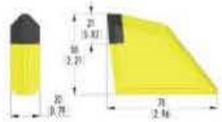
◆RT2



◆DT50



◆DT87





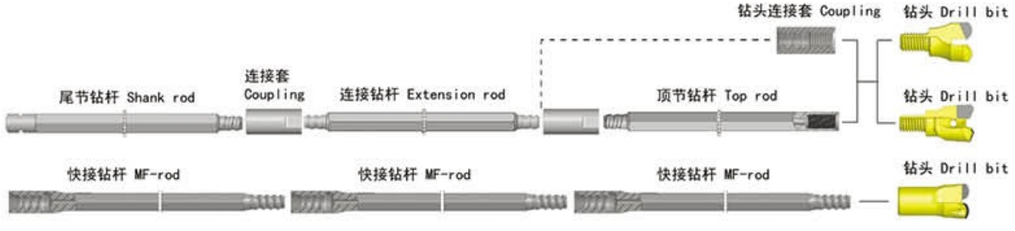




锚杆锚索支护钻头、钻杆
DRILLING TOOLS FOR BOLTING

		Page
Drilling tools for bolting	锚杆锚索支护钻头、钻杆	112
Water and gas exploring drilling	探水、瓦斯钻具	117

H19mm(0.75") drilling tools　H19mm钻具



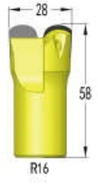
◆JZTY27/2-1/2(M14)



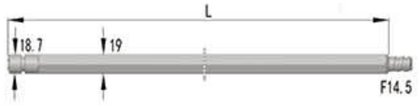
◆ZTY27/2-1/2(M14)



◆ZTY28/2-R16



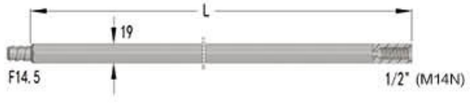
◆ZGH19-D18.7/F14.5-L



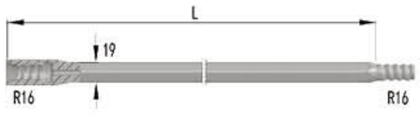
◆ZGH19-F14.5-L



◆ZGH19-F14.5/1/2N(M14N)-L



◆ZGH19-R16N/R16-L



◆LJT-F14.5N-50



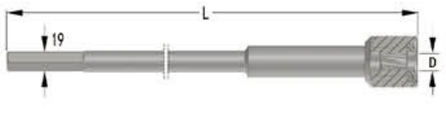
◆LJT-F14.5N/1/2N-50



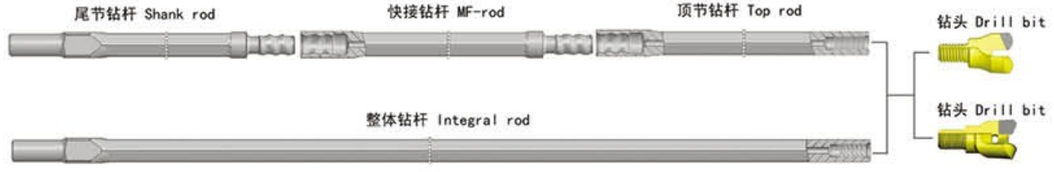
◆MGJH22-H19/H-L



◆MSJ22-H19/D-L



H22mm(0.87") drilling tools　H22mm钻具



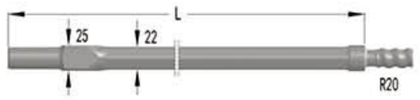
◆JZTY27/2-M14（M16）



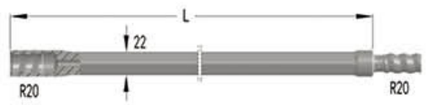
◆ZTY27/2-M14（M16）



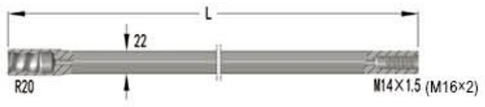
◆ZGH22-F25/R20-L



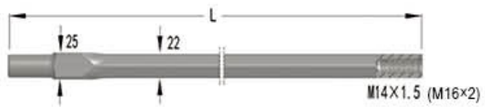
◆ZGH22-R20N/R20-L



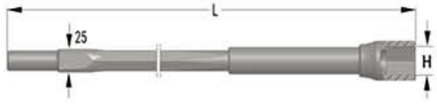
◆ZGH22-R20N/M14N（M16N）-L



◆ZGH22-F25/M14N（M16N）-L



◆MGJH22-F25/H-L

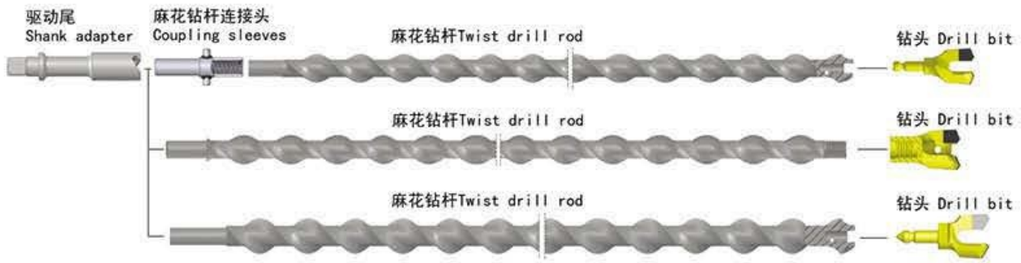


◆MSJH22-F25/D-L





Twist drilling tools 麻花钻具



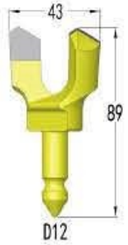
◆ZTY28/2-D8



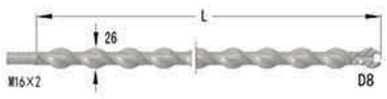
◆ZTY30/2-1/2N(M14N)



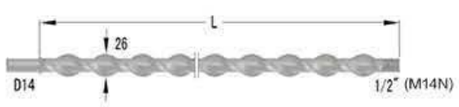
◆ZTY43/2-D12



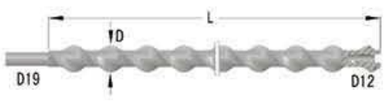
◆MHG26-M16/D8N-L



◆MHG26-D14/1/2-L



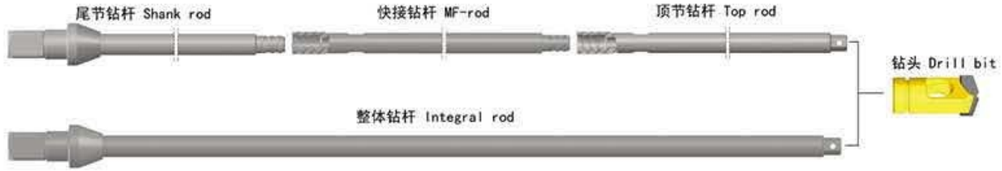
◆MHGD-D19/D12N-L



◆JT-D18/M16-110



F28mm powder eject in tube drilling 四方连接内排粉钻具



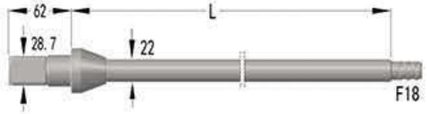
◆QNT27-H16



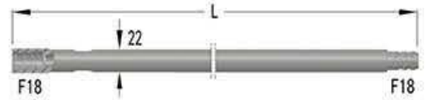
◆QNT30-H16



◆QNG22-F28/F18-L



◆QNG22-F18N/F18-L



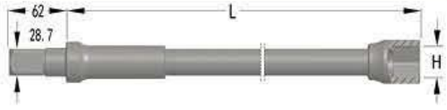
◆QNG22-F18N/H16-L



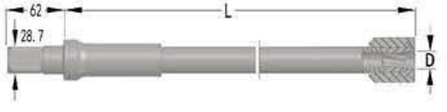
◆QNG22-F28/H16-L



◆MGJ29-F28/H-L



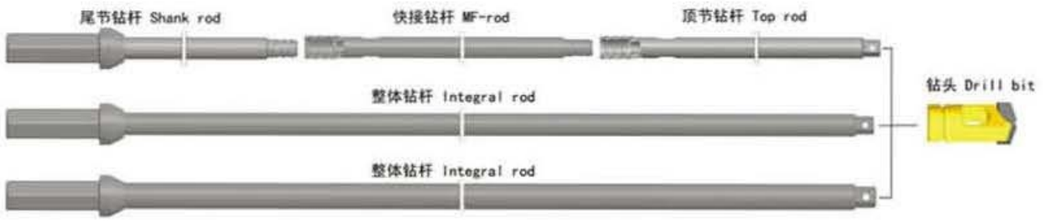
◆MSJ29-F28/D-L





锚杆锚索支护钻头、钻杆|Drilling tools for bolting

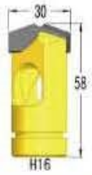
H28mm powder eject in tube drilling 六方连接内排粉钻具



◆QNT27-H16



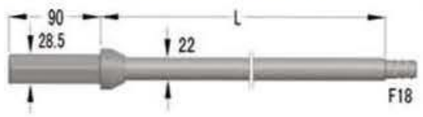
◆QNT30-H16



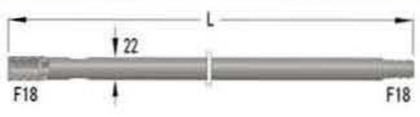
◆QNT35-H22



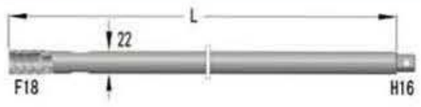
◆QNG22-H28/F18-L



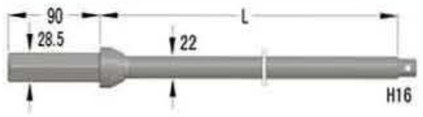
◆QNG22-F18N/F18-L



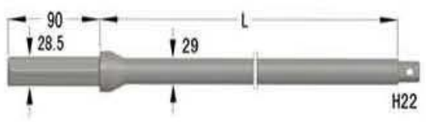
◆QNG22-F18N/H16-L



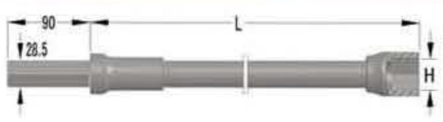
◆QNG22-H28/H16-L



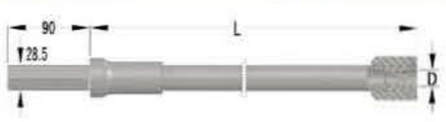
◆QNG29-H28/H22-L



◆MGJ29-H28/H-L

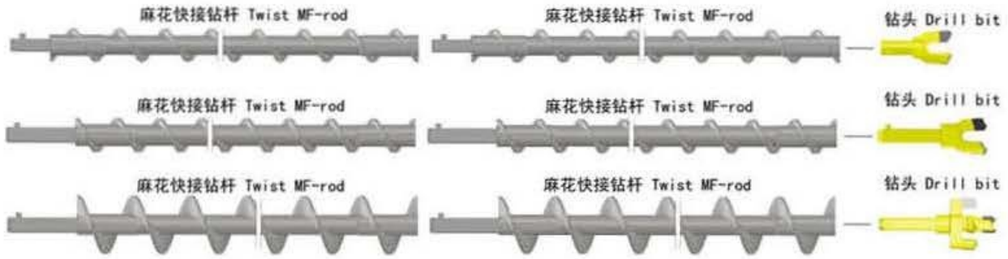


◆MSJ29-H28/D-L



探水、瓦斯钻具|Water and gas exploring drilling

Twist drilling tools 防突麻花钻具



◆ZTY43/2-F14



◆ZTY46/2-F18



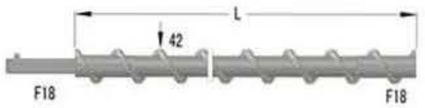
◆ZTY75/4-F18



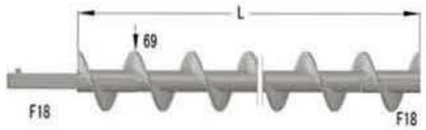
◆MHG40-F14/F14N-L



◆MHG42-F18/F18N-L



◆MHG69-F18/F18N-L





探水、瓦斯钻具|Water and gas exploring drilling

Long-hole drilling tools 深孔钻具



◆JZT-D/T T=Thread螺纹



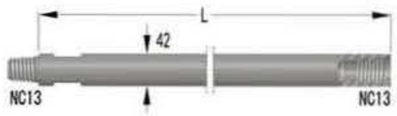
◆JZT-D/T T=Thread螺纹



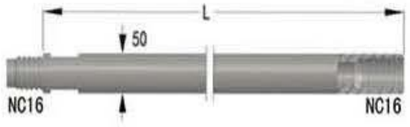
◆TG32-NC10-L



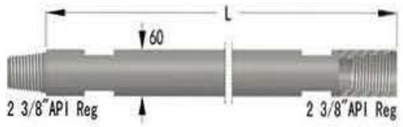
◆TG42-NC13-L



◆TG50-NC16-L



◆TG60-2 3/8"API Reg-L



◆TMHG75-NC13-L

