



Bench and production drilling 深孔螺纹钎具

R3212

R32

HL38

T38

T45

T51

T60

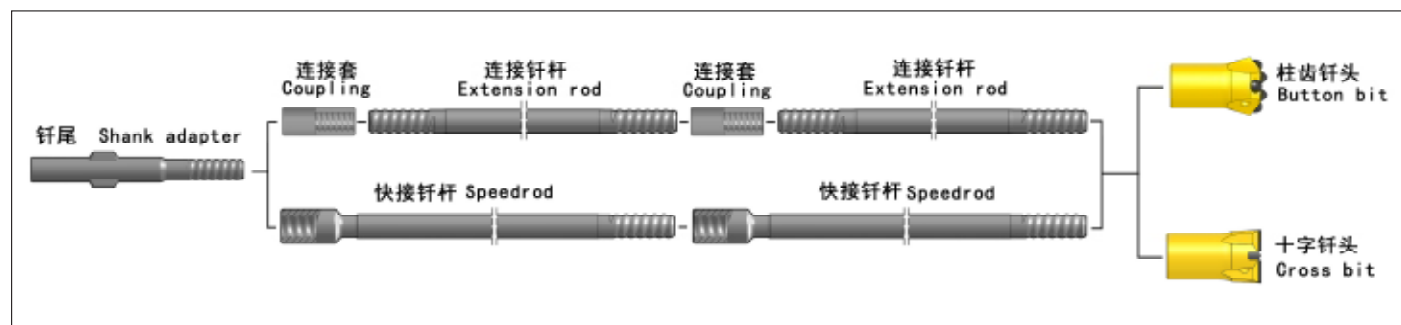
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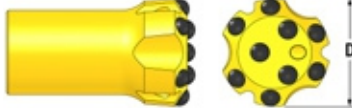
ST68



深孔螺纹钎具 Bench Drilling

R3212

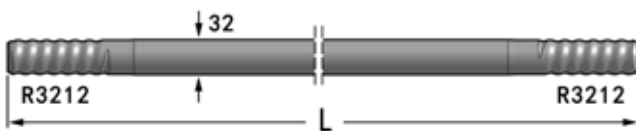


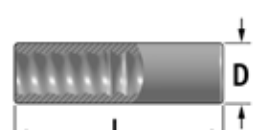
钎头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit		48	1 7/8	2×9	3×11	35°	1	1	0.7	1431-48R3212-29/311-45-62
		48	1 7/8	2×9	5×11	35°	1	1	0.7	1431-48R3212-29/511-45-62
		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
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

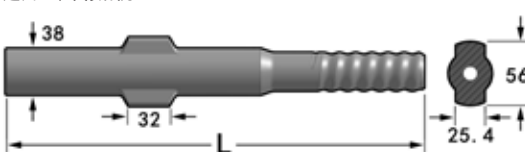


深孔螺纹钎具 Bench Drilling

R3212

钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray 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

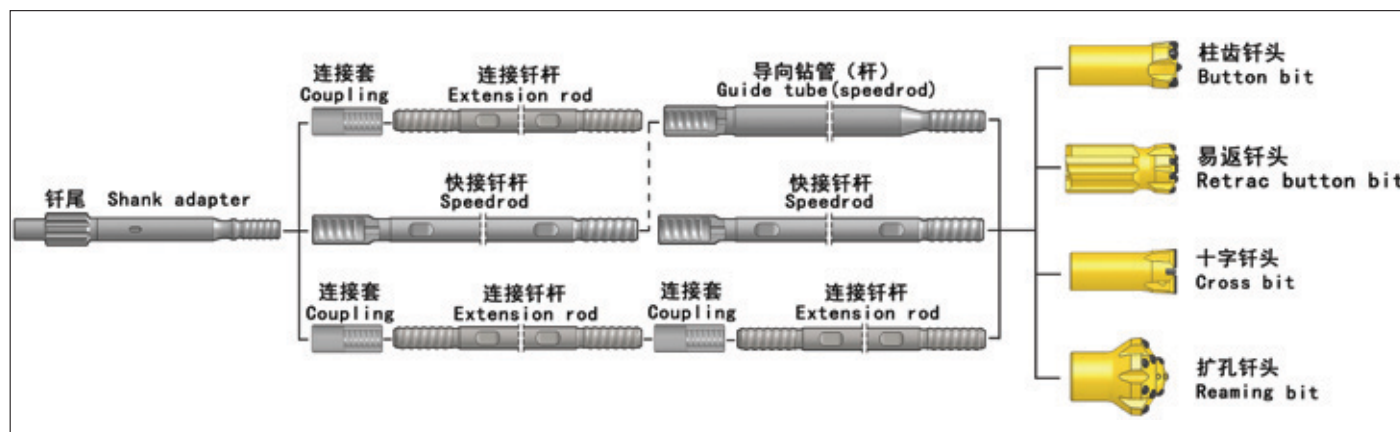
连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves 	150	6 1/8	44	1 3/4	R3212	1.0	31-R3212-44-150-42
	160	6 1/4	44	1 3/4	R3212	1.1	31-R3212-44-160-42
	160	6 1/4	48	1 7/8	R3212	1.5	31-R3212-48-160-42

钎尾 Shank Adaptors	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray 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



深孔螺纹钎具 Bench Drilling

R32

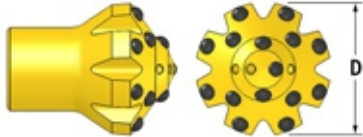


钎头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit		圆齿 Spherical buttons								
		48	1 7/8	2×9	5×11	35°	1	2	1.0	1431-48R32-29/511-45-31
		48	1 7/8	3×8	6×10	40°	3	-	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



深孔螺纹钎具 Bench Drilling

R32

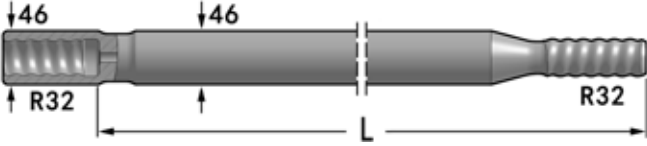
钎头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿扩孔钎头 Dome bit for reaming 		圆齿 Spherical buttons								
		76	3	1×13	9×13	35°	3	1	2.0	1441-76R32-113/913-45-31
		89	3 1/2	1×13	14×13	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

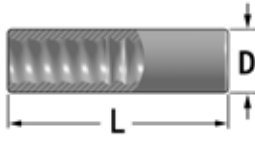
钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod R32-Round32-R32 内孔 Flushing hole 9.2mm. 扳手槽 Wrench flat 25.4mm. 	915	3'	32	1 1/4	5.4	23R32-R32-0915-23
	1000	3' 33/8"	32	1 1/4	5.9	23R32-R32-1000-23
	1220	4'	32	1 1/4	7.2	23R32-R32-1220-23
	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



深孔螺纹钎具 Bench Drilling

R32

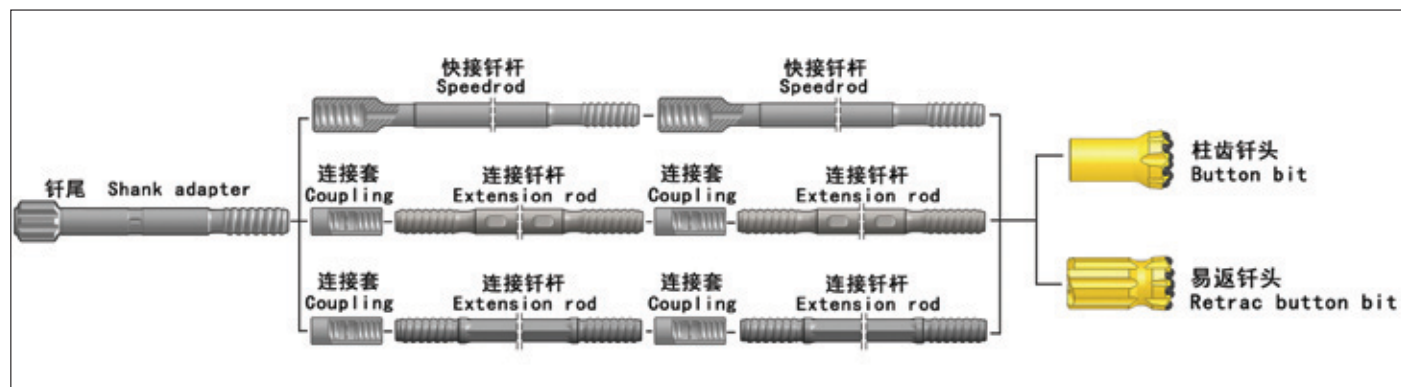
	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch		
导向钻杆 Guide tube D46适用51—64mm钎头 D46 for bits from 51—64mm 	1220	4'	46	1 3/4	10.0	24R46-R32/46-1220-23
	1525	5'	46	1 3/4	12.5	24R46-R32/46-1525-23
	1830	6'	46	1 3/4	14.2	24R46-R32/46-1830-23
	3050	10'	46	1 3/4	25.0	24R46-R32/46-3050-23

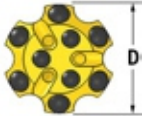
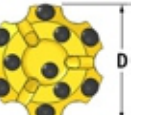
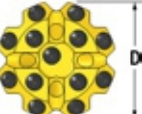
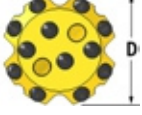
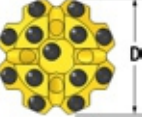
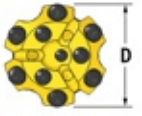
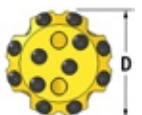
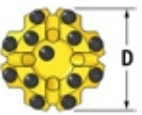
连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves 	150	6 1/8	44	1 3/4	R32	1.0	31-R32-44-150-23
	160	6 1/4	44	1 3/4	R32	1.1	31-R32-44-160-23



深孔螺纹钎具 Bench Drilling

HL38



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	Stingray 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								
		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  		圆齿 Spherical 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		



深孔螺纹钎具 Bench Drilling

HL38

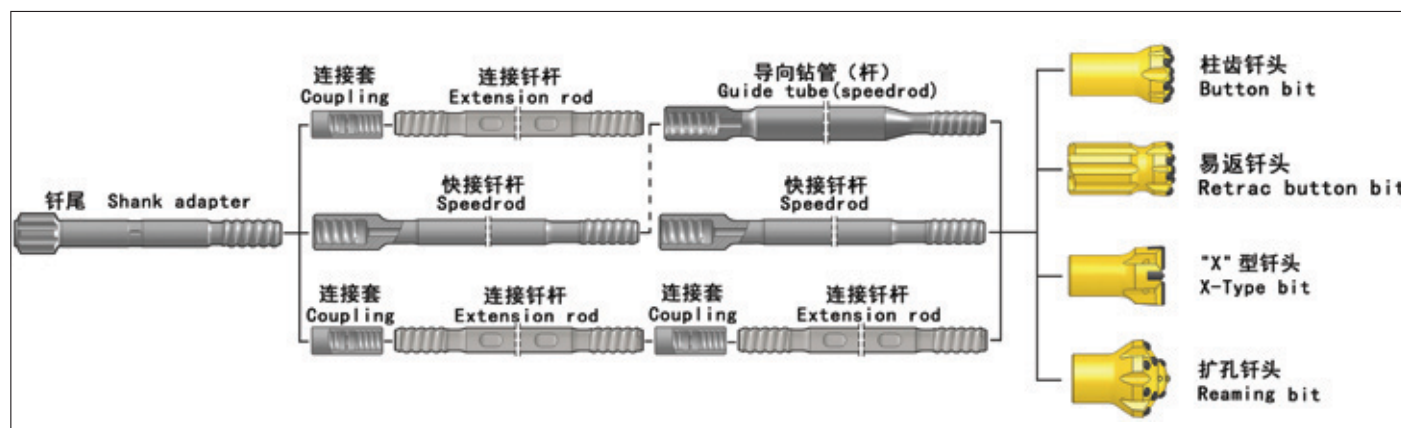
钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod HL38-Round39-HL38 内孔 Flushing hole 14.5mm. 扳手槽 Wrench flat 32mm.	1220	4'	39	1 1/2	10.2	23R39-HL38-1220-23
	1525	5'	39	1 1/2	12.8	23R39-HL38-1525-23
	1830	6'	39	1 1/2	15.3	23R39-HL38-1830-23
	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		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
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



深孔螺纹钎具 Bench Drilling

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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	Stingray 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									
	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		



深孔螺纹钎具 Bench Drilling

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钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
连接钎杆 Extension rod T38-Round39-T38 内孔 Flushing hole 14.5mm. 扳手槽 Wrench flat 32mm.			39	1 1/2	10.2	23R39-T38-1220-23
			39	1 1/2	12.8	23R39-T38-1525-23
			39	1 1/2	15.3	23R39-T38-1830-23
			39	1 1/2	20.4	23R39-T38-2435-23
			39	1 1/2	25.5	23R39-T38-3050-23
			39	1 1/2	30.9	23R39-T38-3660-23
			39	1 1/2	33.2	23R39-T38-3965-23
			39	1 1/2	35.7	23R39-T38-4270-23
			39	1 1/2	41.0	23R39-T38-4880-23
			39	1 1/2	46.3	23R39-T38-5530-23
快接钎杆 MF-rod T38-Round39-T38 内孔 Flushing hole 14.5mm.			39	1 1/2	10.7	24R39-T38/57-0915-23
			39	1 1/2	13.3	24R39-T38/57-1220-23
			39	1 1/2	15.8	24R39-T38/57-1525-23
			39	1 1/2	18.3	24R39-T38/57-1830-23
			39	1 1/2	28.5	24R39-T38/57-3050-23
			39	1 1/2	33.6	24R39-T38/57-3660-23
			39	1 1/2	38.7	24R39-T38/57-4270-23
			39	1 1/2	43.7	24R39-T38/57-4880-23
			39	1 1/2	49.2	24R39-T38/57-5530-23
			39	1 1/2	53.9	24R39-T38/57-6095-23
六方连接杆 Hex. extension rod T38-Hex32-T38 内孔 Flushing hole 9.6mm.			32	1 1/4	8.6	23H32-T38-1220-23
			32	1 1/4	12.6	23H32-T38-1830-23
			32	1 1/4	16.6	23H32-T38-2435-23
			32	1 1/4	20.8	23H32-T38-3050-23
			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.			46	1 3/4	25.7	23R39-T38/2T38-3050-23
			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.			46	1 3/4	23.5	24R46-T38/57-1830-23
			46	1 3/4	37.2	24R46-T38/57-3050-23
			46	1 3/4	44.0	24R46-T38/57-3660-23
			46	1 3/4	50.9	24R46-T38/57-4270-23
			46	1 3/4	57.7	24R46-T38/57-4880-23
			46	1 3/4	65.0	24R46-T38/57-5530-23
			46	1 3/4	71.3	24R46-T38/57-6095-23



深孔螺纹钎具 Bench Drilling

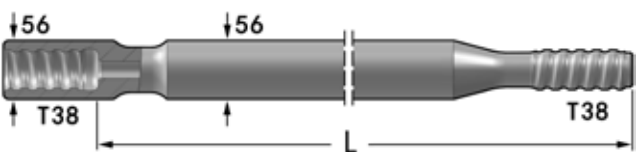
T38

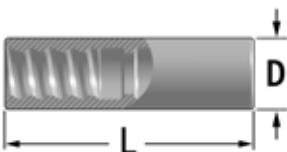
钎头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N		
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side				
柱齿易返钎头 Retrac button bit		圆齿 Spherical buttons										
		64	2 1/2	4×10	8×10	30°	2	—	2.2	1531-64T38-410/810-45-31		
		64	2 1/2	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		



深孔螺纹钎具 Bench Drilling

T38

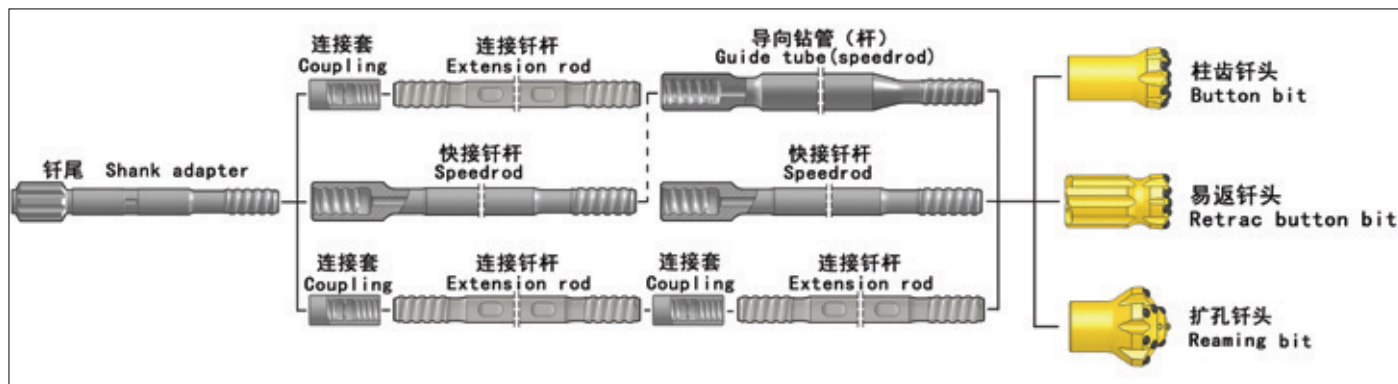
导向钻杆 Guide Tube	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch		
导向钻杆 Guide tube D56适用64—76mm钎头, D64适用76—89mm钎头 D56 for bits from 64-76mm and D64 for bits from 76-89mm 	1220	4'	56	2 1/8	12.6	24G56-T38/56-1220-23
	1525	5'	56	2 1/8	14	24G56-T38/56-1525-23
	1830	6'	56	2 1/8	17.4	24G56-T38/56-1830-23
	3050	10'	56	2 1/8	28.3	24G56-T38/56-3050-23
	3660	12'	56	2 1/8	32.8	24G56-T38/56-3660-23
	4920	16' 2"	56	2 1/8	47.9	24G56-T38/56-4920-23
	3660	12'	64	2 1/2	51	24G64-T38/64-3660-23

连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves 	190	7 1/2	55	2 5/32	T38	2.1	31-T38-55-190-23



深孔螺纹钎具 Bench Drilling

T45



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	Stingray 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									
	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	



深孔螺纹钎具 Bench Drilling

T45

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	Stingray 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
		抛抛物线齿 Parabolic buttons		圆齿 Spherical 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		
Öü³YA©¿×Ç¥í 精鑲羅虎驛駁稷跡驛		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
		ii	ii	ii	ii	ii	ii	ii	ii	ii
		ii	ii	ii	ii	ii	ii	ii	ii	ii



深孔螺纹钎具 Bench Drilling

T45

钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray 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

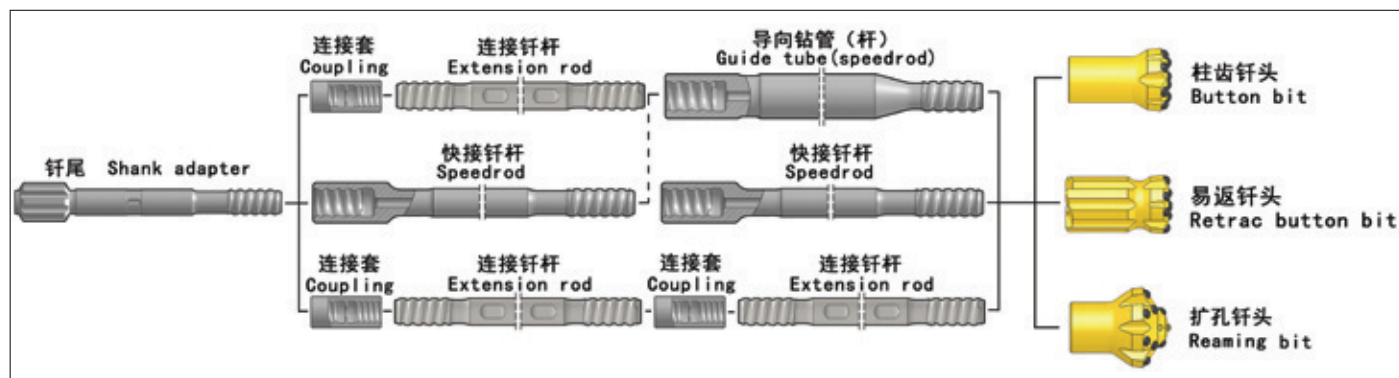
导向钻杆 Guide Tube	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch		
导向钻杆 Guide tube D64适用76-89mm钎头, D76适用89-102mm钎头 D64 for bits from 76-89mm and D76 for bits from 89-102mm	1220	4'	64	2 1/8	12.6	24G64-T45/64-1220-23
	1525	5'	64	2 1/8	14.0	24G64-T45/64-1525-23
	1830	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

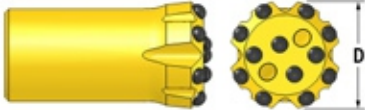
连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves	210	8 1/4	63	2 33/64	T45	3.0	31-T45-63-210-23
	210	8 1/4	66	2 37/64	T45	3.3	31-T45-66-210-23



深孔螺纹钎具 Bench Drilling

T51



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	Stingray 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



深孔螺纹钎具 Bench Drilling

T51

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	Stingray 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
		柱齿扩孔钎头 Dome bit for reaming		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
		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



深孔螺纹钎具 Bench Drilling

T51

钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
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

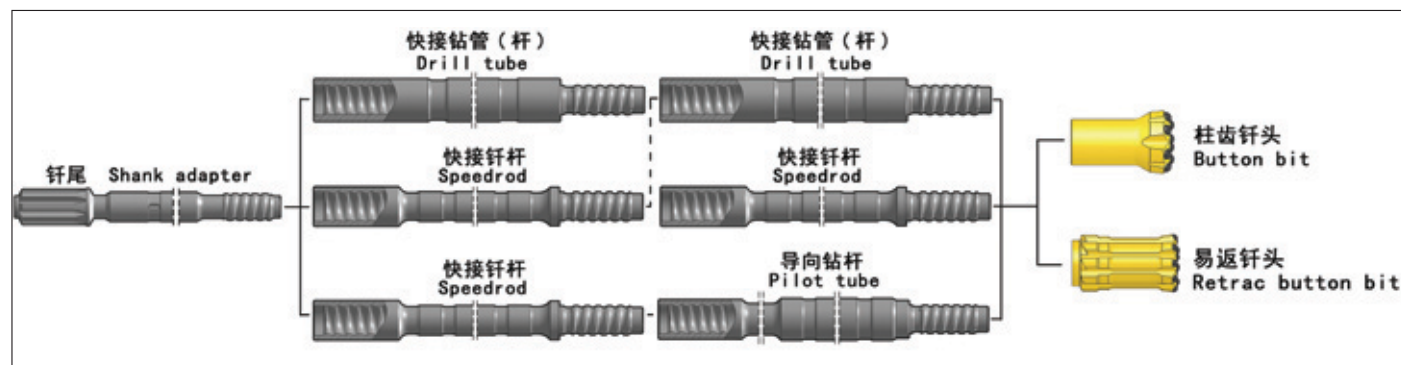
导向钻杆 Guide Tube	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch		
导向钻杆 Guide tube D76适用89-102钎头, D87适用102-127钎头 D76 for bits from 89-102mm and D87 for bits from 102-127mm	1830	6'	76	3	42.0	24G76-T51/76-1830-23
	3660	12'	76	3	81.0	24G76-T51/76-3660-23
	3660	12'	87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

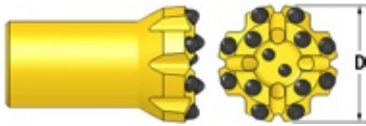
连接套 Coupling	长度 Length		外径 Diameter		螺纹 Thread	重量 Weight approx kg	Stingray P/N
	毫米 mm	英寸 inch	毫米 mm	英寸 inch			
同径连接套 Coupling sleeves	225	8 7/8	71	2 51/64	T51	4.6	31-T51-71-225-23
	225	8 7/8	76	3	T51	4.8	31-T51-76-225-23
	235	9 1/4	72	2 7/8	T51	4.7	31-T51-72-235-23
	235	9 1/4	77	3 1/32	T51	4.9	31-T51-77-235-23



深孔螺纹钎具 Bench Drilling

T60



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	Stingray 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									
	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	



深孔螺纹钎具 Bench Drilling

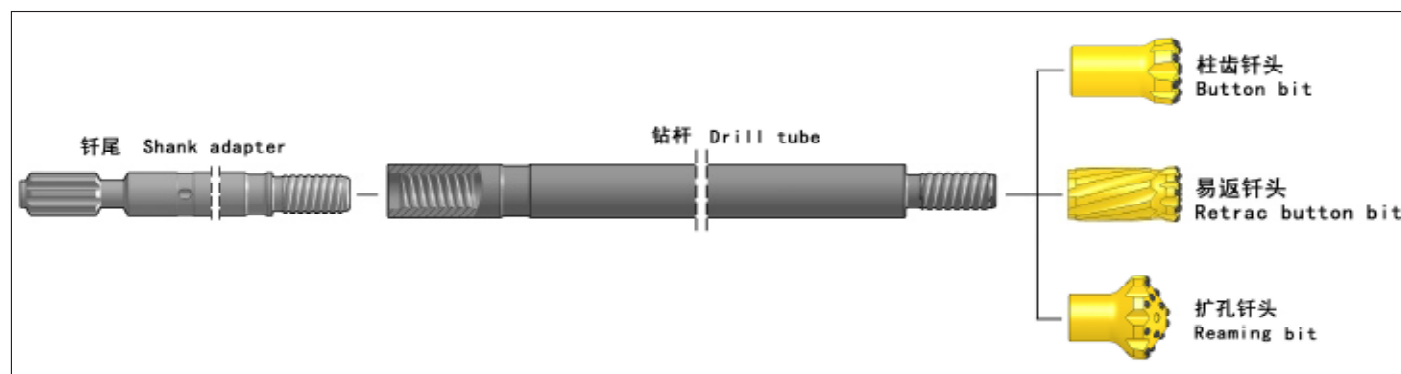
T60

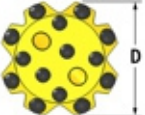
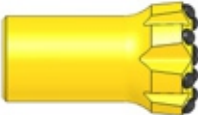
钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
快接钎杆 适用于96mm钎头 MF-rod, For bits from 96mm 内孔 Flushing hole 22.5mm.	3660	12'	60	2 3/8	73.9	24R60-T60/85-3600-23
	4265	14'	60	2 3/8	85.5	24R60-T60/85-4265-23
	6095	20'	60	2 3/8	116.6	24R60-T60/85-6095-23
	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



钻杆钎具系列 Tube Drilling Tools

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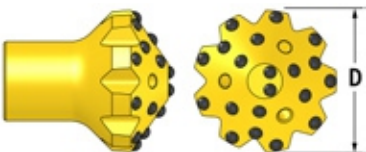


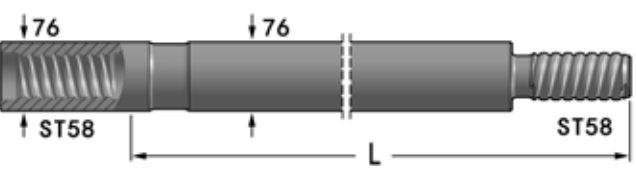
钻头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
柱齿形钎头 Button bit 	圆齿 Spherical buttons									
	89	3 1/2	6×12	8×12	35°	2	1	4.1	1431-89ST58-612/812-45-31	
	89	3 1/2	6×13	8×13	35°	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	
易返钎头 Retrac button bit 	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	
	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	



钻杆钎具系列 Tube Drilling Tools

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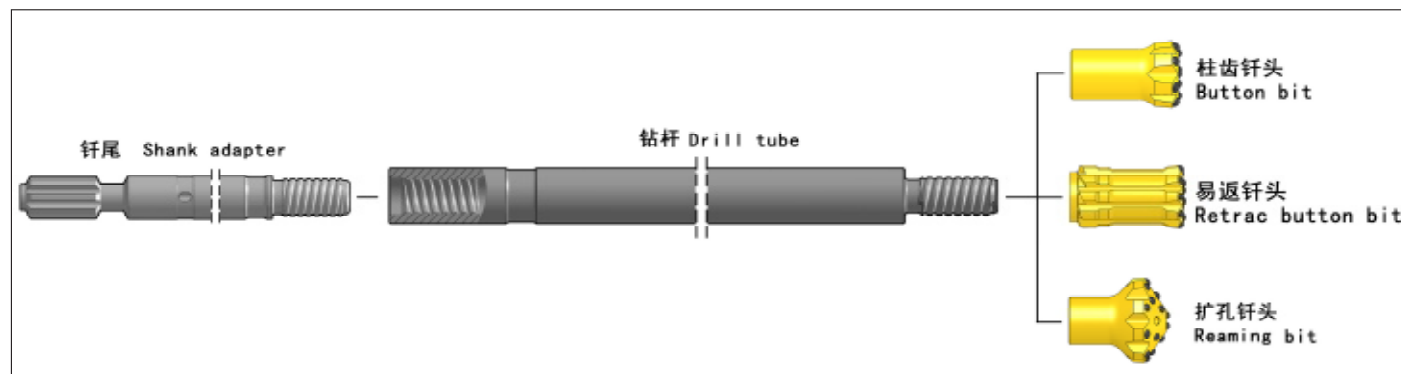
钻头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter			水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front	侧 Side		
扩孔钎头 Reaming bit 	圆齿 Spherical buttons									
	152	6	6×16	9×16	35°	3	—	13.0	1441-152ST58-616/916-45-31	
	152	6	2×14	18×14	35°	3	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	

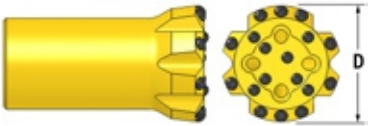
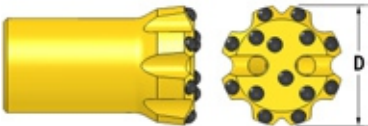
钎杆 Drill Rod	长度 Length		外径 Diameter		重量 Weight approx kg	Stingray P/N
	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
钻杆 内孔直径26mm Drill tube, Flushing hole 26mm. 	1525	5'	76	2 3/8	34.0	24G76-ST58/76-1525-23
	1830	6'	76	2 3/8	40.0	24G76-ST58/76-1830-23
	3660	12'	76	2 3/8	76.3	24G76-ST58/76-3660-23



钻杆钎具系列 Tube Drilling Tools

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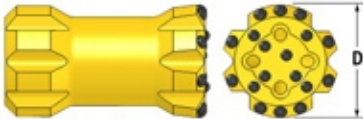


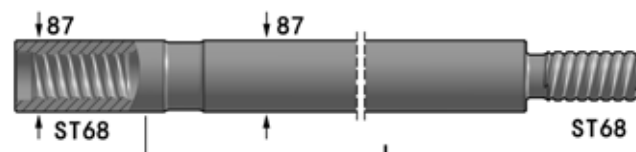
钻头 Drill Bit		钎头直径 Diameter		合金数量×直径 No×button diameter		水孔数量 Flushing hole		重量 Weight approx kg	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge	倾角 Angle	正 Front		
柱齿形钎头 Button bit 	圆齿 Spherical buttons								
	102	4	6×14	8×14	35°	2	—	8.7	1431-102ST68-614/814-45-31
	102	4	4×12, 4×12	10×12	35°	4	—	8.7	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	Stingray 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								
扩孔钎头 Reaming bit 		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
		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	Stingray 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	24G87-ST68/87-1525-23
	1830	6'	87	3 7/16	43.8	24G87-ST68/87-1830-23
	3660	12'	87	3 7/16	80.0	24G87-ST68/87-3660-23
	6110	20'	87	3 7/16	133.0	24G87-ST68/87-6110-23