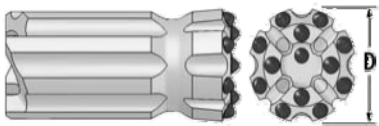
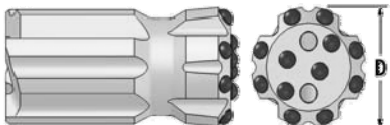
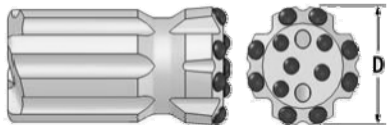
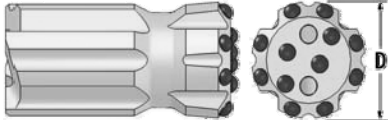
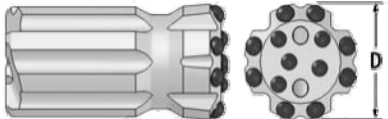
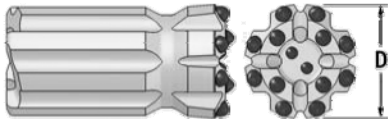


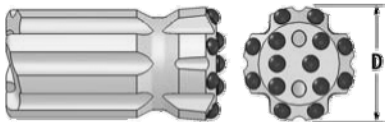
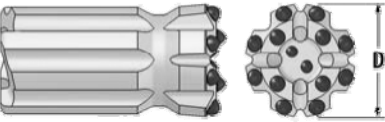
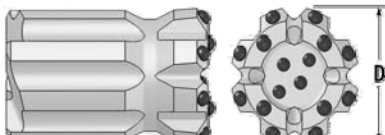
RETRAC BUTTON BIT – 易返式球齿钎头

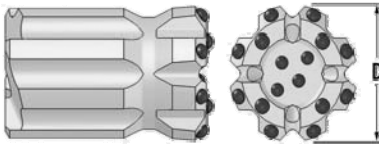
Drill bit 钎头	Diameter 直径		No×button diameter 合金数量×直径			Flushing hole 水孔		Weight (kg) 重量	P/N 型号
	mm 毫米	Foot 英尺	Front 中齿	Gauge 边齿	Angle 倾角	Front 正	Side 侧		
柱齿易返钎头 Retrac button bit	圆齿 Spherical buttons								
	45	1 3/4	3×8	6×9	40°	3×4.5	-	1.1	1531-45R32-38/69-45-41
	48	1 7/8	3×9	6×10	30°	3×5	-	1.2	1531-48R32-39/610-45-41
	51	2	3×9	6×10	30°	3×6	-	1.4	1531-51R32-39/610-45-41
	64	2 1/2	3×10, 1×10	6×11	35°	3×7	-	2.2	1533-64R32-410/611-45-41
	64	2 1/2	4×10	8×10	40°	2×9	-	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 Ballistic buttons								
	45	1 3/4	3×8	6×9	40°	3×4.5	-	1.1	1531-45R32-38/69-45-51
	48	1 7/8	3×9	6×10	30°	3×5	-	1.2	1531-48R32-39/610-45-51
	51	2	3×9	6×10	30°	3×6	-	1.4	1531-51R32-39/610-45-51
	64	2 1/2	3×10, 1×10	6×11	35°	3×7	-	2.2	1533-64R32-410/611-45-51
	64	2 1/2	4×10	8×10	40°	2×9	-	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

[illegible]

	48	1 7/8	3×9	6×10	30°	3×5	-	1.2	1531-48R32-39/610-45-51
	51	2	3×9	6×10	30°	3×6	-	1.4	1531-51R32-39/610-45-51
	51	2	3×10	6×11	30°	3×6	-	1.4	1533-51R32-39/611-45-51
	64	2 1/2	3×10, 1×10	6×11	35°	3×7	-	2.2	1533-64R32-410/611-45-51
	64	2 1/2	4×10	8×10	40°	2×9	-	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
柱齿易返钎头 Retrac button bit  	圆齿 Spherical buttons								
	64	2 1/2	4×10	8×10	30°	2×11	-	2.2	1531-64T38-410/810-45-31
	64	2 1/2	3×10, 1×10	6×11	35°	3×8	-	2.6	1533-64T38-410/611-45-31
	70	2 3/4	4×11	8×11	40°	2×11	-	2.4	1531-70T38-411/811-45-31
	70	2 3/4	6×10	8×10	35°	2×11	-	2.4	1533-70T38-610/810-45-31
	70	2 3/4	3×10, 1×10	6×12	35°	3×8	-	2.4	1632-70T38-410/612-45-31
	76	3	4×11	8×11	40°	2×11	-	3.0	1531-76T38-411/811-45-31
	76	3	4×11	8×12	35°	2×11	-	3.0	1632-76T38-411/812-45-31
	76	3	4×11, 1×11	8×11	35°	4	1	3.3	1632-76T38-511/811-45-31
	76	3	3×12, 1×9	6×14	35°	3	1	3.3	1531-76T38-3129/614-45-31
	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	40°	2×12	-	4.8	1531-89T38-513/813-45-31
	89	3 1/2	6×12	8×12	35°	2×12	-	4.8	1531-89T38-612/812-45-31
	89	3 1/2	6×12	8×13	35°	2×12	-	4.8	1533-89T38-612/813-45-31
	89	3 1/2	4×11, 2×9	8×11	35°	4	1	4.8	1632-89T38-41129/811-45-31
	89	3 1/2	4×12, 2×10	8×12	35°	4	1	4.8	1632-89T38-412210/812-45-31
	抛物线齿 Ballistic buttons								
	64	2 1/2	4×10	8×10	30°	2×11	-	2.2	1531-64T38-410/810-45-51
	64	2 1/2	3×10, 1×10	6×11	35°	3×8	-	2.6	1533-64T38-410/611-45-51
	70	2 3/4	4×11	8×11	40°	2×11	-	2.4	1531-70T38-411/811-45-51
	70	2 3/4	6×10	8×10	35°	2×11	-	2.4	1533-70T38-610/810-45-51
	70	2 3/4	3×10, 1×10	6×12	35°	3×8	-	2.4	1632-70T38-410/612-45-51
	76	3	4×11	8×11	40°	2×11	-	3.0	1531-76T38-411/811-45-51
	76	3	4×11	8×12	35°	2×11	-	3.0	1632-76T38-411/812-45-51
	76	3	4×11, 1×11	8×11	35°	4	1	3.3	1632-76T38-511/811-45-51
	76	3	3×12, 1×9	6×14	35°	3	1	3.3	1632-76T38-31219/614-45-51
	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	40°	2×12	-	4.8	1531-89T38-513/813-45-51
	89	3 1/2	6×12	8×12	35°	2×12	-	4.8	1531-89T38-612/812-45-51
	89	3 1/2	6×12	8×13	35°	2×12	-	4.8	1533-89T38-612/813-45-51
	89	3 1/2	4×11, 2×9	8×11	35°	4	1	4.8	1632-89T38-41129/811-45-51

柱齿易返钎头 Retrac button bit		圆齿 Spherical buttons							
		70	2 3/4	4×10	8×10	30°	2	2	2.5
	70	2 3/4	4×10, 1×10	8×10	35°	4×7	-	2.4	1533-70T45-510/810-45-31
	76	3	4×11	8×11	40°	2×12	-	3.1	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	5×11	8×13	35°	2	1	3.2	1531-76T45-511/813-45-31
	76	3	6×10	8×11	35°	2×12	-	3.2	1531-76T45-610/811-45-31
	76	3	4×11, 1×11	8×11	35°	4	1	3.2	1533-76T45-511/811-45-31
	76	3	4×11, 1×11	8×13	35°	4	1	3.1	1632-76T45-511/813-45-31
	76	3	4×10, 2×10	8×11	30°	4×7	-	3.1	1531-70T45-411/811-45-31
	89	3 1/2	4×13	8×13	40°	2×13	-	5.3	1531-70T45-411/811-45-31
	89	3 1/2	6×12	8×12	30°	2	2	5.3	1531-70T45-411/811-45-31
	89	3 1/2	6×13	8×13	35°	2×13	-	4.6	1531-70T45-411/811-45-31
	89	3 1/2	6×12	8×14	30°	2	2	5.3	1531-70T45-411/811-45-31
	89	3 1/2	4×11, 1×11	8×13	35°	4×8	-	5.4	1531-70T45-411/811-45-31
	89	3 1/2	4×11, 2×11	8×12	35°	4×8	-	5.4	1531-70T45-411/811-45-31
	89	3 1/2	4×12, 2×10	8×12	35°	4	1	5.4	1531-70T45-411/811-45-31
	102	4	4×12, 2×10	8×14	35°	4	1	6.8	1531-70T45-411/811-45-31
	102	4	4×13, 2×13	8×13	35°	4	1	6.8	1531-70T45-411/811-45-31
	抛物线齿 Ballistic buttons								
70	2 3/4	4×10	8×10	30°	2	2	2.5	1531-70T45-410/810-45-51	
70	2 3/4	4×10, 1×10	8×10	35°	4×7	-	2.4	1632-70T45-510/810-45-51	
76	3	4×11	8×11	40°	2×12	-	3.1	1531-76T45-411/811-45-51	
76	3	5×11	8×12	35°	2	1	3.2	1531-76T45-510/812-45-51	
	76	3	5×11	8×13	35°	2	1	3.2	1531-76T45-511/813-45-51
	76	3	6×10	8×11	35°	2×12	-	3.2	1531-76T45-610/811-45-51
	76	3	4×11, 1×11	8×11	35°	4	1	3.2	1533-76T45-511/811-45-51
	76	3	4×11, 1×11	8×13	35°	4	1	3.1	1632-76T45-511/813-45-51
	76	3	4×10, 2×10	8×11	30°	4×7	-	3.1	1632-76T45-413/813-45-51
	89	3 1/2	4×13	8×13	40°	2×13	-	5.3	1531-89T45-511/813-45-51
	89	3 1/2	6×12	8×12	30°	2	2	5.3	1531-89T45-612/812-45-51
	89	3 1/2	6×13	8×13	35°	2×13	-	4.6	1531-89T45-613/813-45-51
	89	3 1/2	6×12	8×14	30°	2	2	5.3	1531-89T45-612/814-45-51
	89	3 1/2	4×11, 1×11	8×13	35°	4×8	-	5.4	1533-89T45-511/813-45-51
	89	3 1/2	4×11, 2×11	8×12	35°	4×8	-	5.4	1632-89T45-611/813-45-51
	89	3 1/2	4×12, 2×10	8×12	35°	4	1	5.4	1632-89T45-412210/812-45-51
	102	4	4×12, 2×10	8×14	35°	4	1	6.8	1531-102T45-412210/814-45-51

柱齿易返钎头 Retrac button bit		圆齿 Spherical buttons									
	89	3 1/2	4×13	8×13	40°	2×13	-	5.3	1531-89T51-413/813-45-31		
	89	3 1/2	5×13	8×13	35°	2×13	-	5.3	1531-89T51-513/813-45-31		
	89	3 1/2	6×12	8×12	30°	2×13	-	5.3	1531-89T51-612/812-45-31		
	89	3 1/2	6×13	8×13	30°	2×13	-	5.3	1531-89T51-613/813-45-31		
	89	3 1/2	6×12	8×14	30°	2	1	5.3	1531-89T51-612/814-45-31		
	89	3 1/2	6×10	9×11	35°	3×12	-	5.3	1531-89T51-610/911-45-31		
	89	3 1/2	4×11, 1×11	8×13	35°	4×10	-	5.3	1533-89T51-511/813-45-31		
	89	3 1/2	4×11, 2×11	8×12	35°	4×10	-	5.3	1632-89T51-611/812-45-31		
	89	3 1/2	4×12, 2×10	8×12	35°	4×10	1	5.3	1632-89T51-412210/812-45-31		
	89	3 1/2	4×12, 2×9	8×14	35°	4×10	-	5.3	1533-89T51-41229/814-45-31		
	102	4	5×14	8×14	35°	2×14	-	7.3	1531-102T51-514/814-45-31		
	102	4	6×12	8×14	35°	2×14	-	7.3	1531-102T51-612/814-45-31		
	102	4	6×13	8×16	35°	2×14	-	7.3	1531-102T51-613/816-45-31		
	102	4	6×12	9×12	35°	3×12	-	7.3	1531-102T51-612/912-45-31		
	102	4	4×13, 1×13	8×14	35°	4×11	-	7.3	1533-102T51-513/814-45-31		
	102	4	4×13, 3×13	8×13	35°	4×11	-	7.3	1632-102T51-713/813-45-31		
	102	4	4×12, 3×11	8×14	35°	4×11	-	7.3	1632-102T51-412311/813-45-31		
	115	4 1/2	6×14	8×14	35°	2×14	-	9.8	1531-115T51-614/814-45-31		
	115	4 1/2	6×14	8×16	35°	2×14	-	9.8	1531-115T51-614/816-45-31		
	115	4 1/2	8×12	8×14	35°	2×14	-	9.8	1531-115T51-812/814-45-31		
	115	4 1/2	8×13	9×14	35°	3×12	-	9.8	1531-115T51-813/914-45-31		
	115	4 1/2	9×12	9×13	35°	3×12	-	9.8	1531-115T51-912/913-45-31		
	115	4 1/2	4×13, 2×13	8×14	35°	4×11	-	9.8	1533-115T51-613/814-45-31		
	115	4 1/2	4×14, 2×14	8×16	35°	4×11	-	9.8	1632-115T51-614/816-45-31		
	115	4 1/2	4×13, 3×13	8×14	35°	4×10	-	9.8	1533-115T51-713/814-45-31		
	115	4 1/2	4×13, 4×11	8×14	35°	4×11	-	9.8	1632-115T51-413411/814-45-31		
	127	5	8×14	8×16	40°	2	-	12.5	1531-127T51-814/816-45-31		
	127	5	4×14, 4×12	8×14	35°	4×10	1	12.0	1533-127T51-414412/814-45-31		
	127	5	4×16, 2×13	8×16	35°	4×10	-	12.0	1632-127T51-416213/816-45-31		
	抛物线齿 Ballistic buttons										

	89	3 1/2	4×13	8×13	40°	2×13	-	5.3	1531-89T51-413/813-45-51
	89	3 1/2	5×13	8×13	35°	2×13	-	5.3	1531-89T51-513/813-45-51
	89	3 1/2	6×12	8×12	30°	2×13	-	5.3	1531-89T51-612/812-45-51
	89	3 1/2	6×13	8×13	30°	2×13	-	5.3	1531-89T51-613/813-45-51
	89	3 1/2	6×12	8×14	30°	2	1	5.3	1531-89T51-610/911-45-51
	89	3 1/2	6×10	9×11	35°	3×12	-	5.3	1533-89T51-511/813-45-51
	89	3 1/2	4×11, 1×11	8×13	35°	4×10	-	5.3	1632-89T51-611/812-45-51
	89	3 1/2	4×11, 2×11	8×12	35°	4×10	-	5.3	1533-89T51-412210/812-45-51
	89	3 1/2	4×12, 2×10	8×12	35°	4×10	1	5.3	1632-89T51-412219/814-45-51
	89	3 1/2	4×12, 2×9	8×14	35°	4×10	-	5.3	1531-102T51-514/814-45-51
	102	4	5×14	8×14	35°	2×14	-	7.3	1531-102T51-612/814-45-51
	102	4	6×12	8×14	35°	2×14	-	7.3	1531-102T51-613/816-45-51
	102	4	6×13	8×16	35°	2×14	-	7.3	1531-102T51-612/912-45-51
	102	4	6×12	9×12	35°	3×12	-	7.3	1533-102T51-513/814-45-51
	102	4	4×13, 1×13	8×14	35°	4×11	-	7.3	1632-102T51-713/813-45-51
	102	4	4×13, 3×13	8×13	35°	4×11	-	7.3	1632-102T51-412311/813-45-51
	102	4	4×12, 3×11	8×14	35°	4×11	-	7.3	1531-115T51-614/814-45-51
	115	4 1/2	6×14	8×14	35°	2×14	-	9.8	1531-115T51-614/816-45-51
	115	4 1/2	6×14	8×16	35°	2×14	-	9.8	1531-115T51-812/814-45-51
	115	4 1/2	8×12	8×14	35°	2×14	-	9.8	1531-115T51-813/914-45-51
	115	4 1/2	8×13	9×14	35°	3×12	-	9.8	1531-115T51-912/913-45-51
	115	4 1/2	9×12	9×13	35°	3×12	-	9.8	1533-115T51-613/814-45-51
	115	4 1/2	4×13, 2×13	8×14	35°	4×11	-	9.8	1632-115T51-614/816-45-51
	115	4 1/2	4×14, 2×14	8×16	35°	4×11	-	9.8	1533-115T51-713/814-45-51
	115	4 1/2	4×13, 3×13	8×14	35°	4×10	-	9.8	1632-115T51-413411/814-45-51
	115	4 1/2	4×13, 4×11	8×14	35°	4×11	-	9.8	1531-127T51-814/816-45-51
	127	5	8×14	8×16	40°	2	-	12.5	1533-127T51-414412/814-45-51
	127	5	4×14, 4×12	8×14	35°	4×10	1	12.0	1632-127T51-416213/816-45-51
	127	5	4×16, 2×13	8×16	35°	4×10	-	12.0	

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