

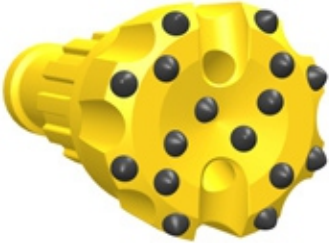
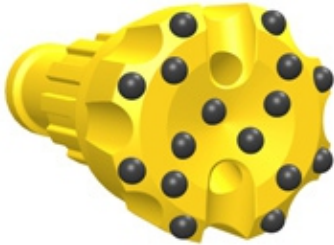
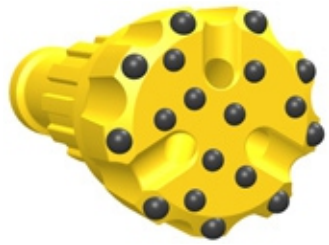


Down the hole drilling 潜孔钻具

Bit face designs	潜孔钻头面部设计
Bit shank identification chart	潜孔钻头尾部尺寸
3"High air pressure DTH Bits	3英寸高压潜孔钎头
4"High air pressure DTH Bits	4英寸高压潜孔钎头
5"High air pressure DTH Bits	5英寸高压潜孔钎头
6"High air pressure DTH Bits	6英寸高压潜孔钎头
8"High air pressure DTH Bits	8英寸高压潜孔钎头
DTH pipes	潜孔钻杆
DTH adapters	潜孔接头



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

 181 mm 8 Splines (花键)	DHD 3.5 · 3"	 279.4 mm 10 Splines (花键)	QL 40 · 4"
 209 mm 8 Splines (花键)	DHD 340 · 4"	 240 mm 12 Splines (花键)	QL 50 · 5"
 261 mm 8 Splines (花键)	DHD 350 · 5"	 253.3 mm 12 Splines (花键)	QL 60 · 6"
 308 mm 8 Splines (花键)	DHD 360 · 6"	 331.7 mm 16 Splines (花键)	QL 80 · 8"
 350 mm 10 Splines (花键)	DHD 380 · 8"	 224 mm 8 Splines (花键)	M 30 · 3"
 260 mm 8 Splines (花键)	SD 4 · 4"	 228 mm 12 Splines (花键)	M 40 · 4"
 260 mm 8 Splines (花键)	SD 5 · 5"	 287 mm 12 Splines (花键)	M 50 · 5"
 324 mm 8 Splines (花键)	SD 6 · 6"	 230 mm 12 Splines (花键)	M 60 · 6"
 321 mm 8 Splines (花键)	SD 8 · 8"	 329 mm 12 Splines (花键)	M 80 · 8"



低风压潜孔钻头 Low Air Pressure DTH Bits

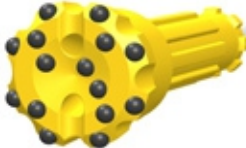
钻头系列 DTH Bit		钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray P/N
		毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
CIR80 	抛物线齿/凸面型 Parabolic button/Convex face							
	80	3 1/7	2×12, 2×12	6×13	2	3	614-80CR80-412/613-42-53	
	圆齿/平面型 Spherical button/Flat face							
	90	3 1/2	4×12	6×14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



高风压潜孔钻头 High Air Pressure DTH Bits

4"		钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray 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	
		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	
	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	
		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	
		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	
		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

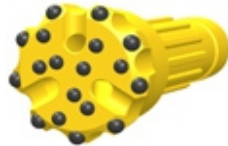


高风压潜孔钻头 High Air Pressure DTH Bits

5"		钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray 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	



高风压潜孔钻头 High Air Pressure DTH Bits

5"	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray 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

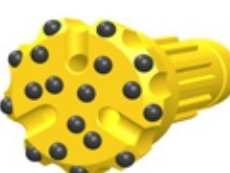


高风压潜孔钻头 High Air Pressure DTH Bits

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 Flourish P/N
	毫米 mm	英寸 inch	芯齿 Front	边齿 Gauge			
  	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
 	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

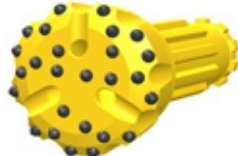
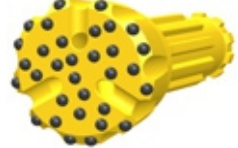
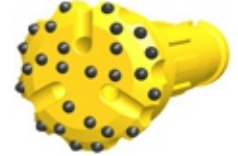


高风压潜孔钻头 High Air Pressure DTH Bits

6"	钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray 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

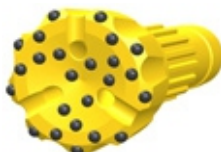
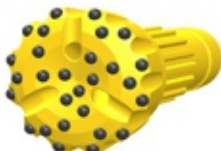
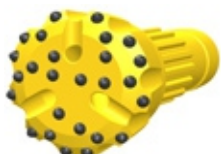
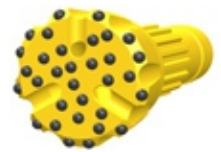
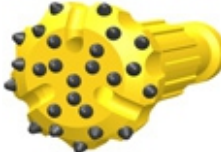
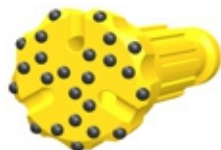


高风压潜孔钻头 High Air Pressure DTH Bits

8"		钻头直径 Diameter		合金数量×直径 No×button diameter		气孔 Air holes	重量 Weight (Kg)	Stingray 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
	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



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)	Stingray 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



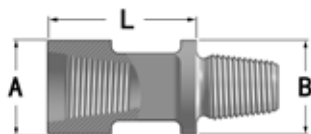
外径 Outer diameter		螺纹 Thread	壁厚 Wall thickness		长度 Length		扳手槽 Wrench flat		重量 Weight approx kg	Stingray P/N
毫米 mm	英寸 inch		毫米 mm	英寸 inch	毫米 mm	英尺 Foot	毫米 mm	英寸 inch		
API 螺纹	API Reg thread									
76	3	2 3/8 API Reg	5.5	1/5	1000	3' 33/8"	57	2 1/4	17	63-076-1057-5.5-1000-42
76	3		5.5	1/5	1500	4' 11"	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



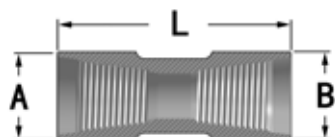
F螺纹 F thread										
50	2	F42×10	4.5	1/6	1000	3' 33/8"	40	1 5/8		63-050-6040-4.5-1000-42
60	2 3/8	F48×10	4.5	1/6	1000	3' 33/8"	40	1 5/8		63-060-6140-4.5-1000-42
60	2 3/8		4.5	1/6	1500	4' 11"	40	1 5/8		63-060-6140-4.5-1500-42
60	2 3/8		4.5	1/6	2000	6' 63/4"	40	1 5/8		63-060-6140-4.5-2000-42
60	2 3/8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



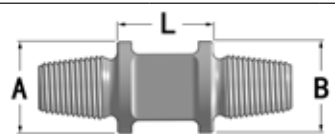
转换接头 Subs



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	Stingray 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	Stingray 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	Stingray 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