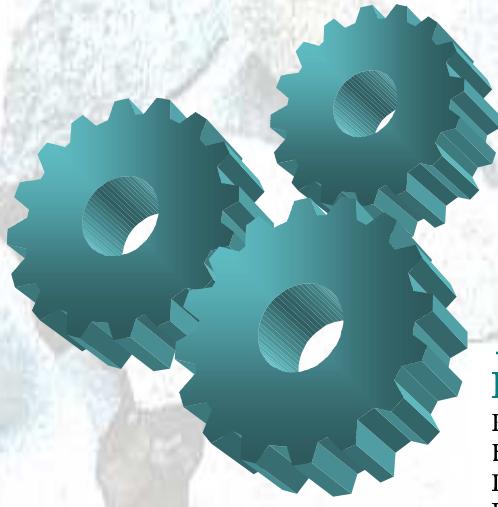


Hi-Tech 3M DTH Hammer

HI-TECH



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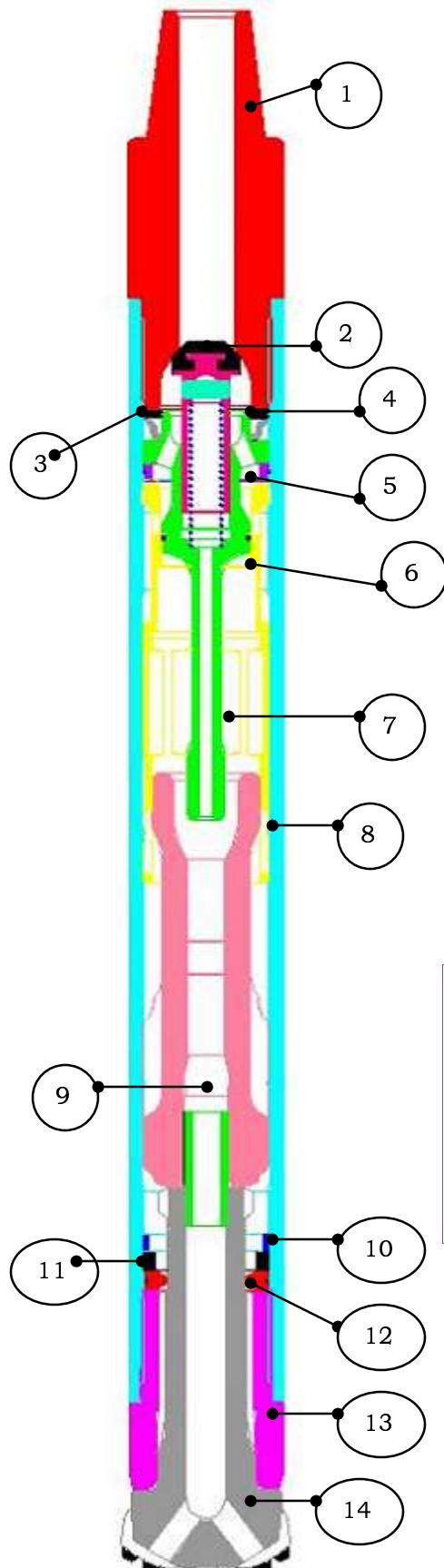
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TECHNICAL SPECIFICATIONS

Hi-Tech 3M Valveless Hammer – HTM300



The HTM 300 is valveless DTH Hammer designed for drilling 95mm - 105mm (3 $\frac{1}{4}$ " - 4 $\frac{1}{8}$ ") dia. holes over wide range of operating air pressures. It is an excellent tool for soft, medium and hard rock conditions. An Overall cost-effective and user-friendly tool for use in the most demanding conditions. It is especially suitable for drilling applications where great depth requirements demand less air usage with minimal performance loss.

The HTM300 is supplied with a 2 $\frac{3}{8}$ " API REG. pin Backhead, as standard but other connections are available on request.

COMPONENT PARTS

Sl No	Description	Part Number
0	Complete Hammer	HTM300
1	Back Head	HTM302
2	Check Valve	HTM307
3	Spacer 1	HTM313
4	Spacer 2	HTM314
5	Spacer 3	HTM311
6	Liner	HTM306
7	Control Tube	HTM319
8	Wear Sleeve	HTM301
9	Piston	HTM304
10	Circlip	HTM315
11	Bush	HTM312
12	Bit Retainer	HTM310
13	Chuck	HTM303
14	Bit	HTMB300

HAMMER SPECIFICATIONS

1.	Diameter	85.0 mm
2.	Hole Range	95.0mm - 105.0mm
3.	Bore	68.70 mm
4.	Hammer Weight	24.5 kg
5.	Length Shoulder to Shoulder	880.0mm
6.	Standard API thread	2 $\frac{3}{8}$ " API REG
7.	Piston Diameter	68.60 mm
8.	Piston Weight	4.0 kg
9.	Bit Shank Length	180.50mm
10.	Adaptable Bit Range	DHD 3.5

AIR CONSUMPTION

PSI	CFM	BAR	Cu. Mtr/Min
100	101	6.9	2.9
200	230	13.8	6.5
300	375	20.7	10.6
400	501	27.6	14.2