

# RAISE YOUR EXPECTATIONS PILOT HOLE PRODUCTIVITY YOU CAN COUNT ON

## SANDVIK RR880 RAISE BORING PILOT BITS

As raise boring requirements demand increasingly deeper pilot holes, pulling pipes to change bits takes time and stalls progress.

### DRILL LONGER BETWEEN PILOT BIT CHANGES

Sandvik RR880, our redesigned range of raise boring pilot bits, lasts up to 35 percent longer than their predecessors. More than a decade in development, our new series builds on the proven success of our extensive range of Sandvik rotary drill bits.

Why change bits twice during a pilot hole when you only need to do it once? With Sandvik RR880 bits, you can drill a 500-meter pilot hole with a single bit change\*. Our premium pilot bits deliver durability and unmatched hole straightness for the most demanding raise boring needs.

### AVOID UNNECESSARY PILOT BIT CHANGES

Save time, improve productivity and reduce your raise boring costs with Sandvik RR880.

up to **35%**  
longer bit life than our previous model\*



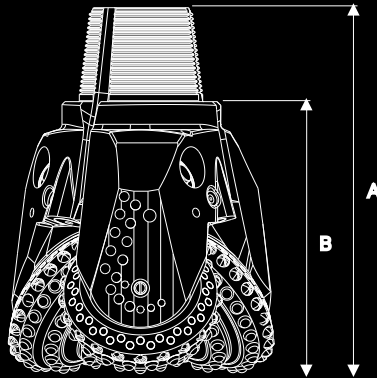
# BETTER DESIGN, LONGER LIFE

We've redesigned our range of raise boring pilot bits to increase bit life and improve your productivity by reducing the need for bit changes. A dual heel row and gage cutting structure improve gage wear resistance. Three different leg protection designs extend bit life.

We've also updated bearing components to increase bearing hours and loading capacity. It all adds up to extended pilot bit life – up to 35 percent longer than our previous model.

## A BIT FOR ANY HOLE

Our new Sandvik RR880 range is available in seven different sizes, each one for medium-hard rock or hard rock applications. Whatever your need, we've designed the bit for it.



PART NO.	BIT TYPE	DIAMETER mm / inch	HEIGHT A mm / inch	HEIGHT B mm / inch	WEIGHT kg / lbs	PIN CONNECTION	MAX BIT LOAD kg / lbs	RECOMMENDED DRILLING SPEED (rpm)
0101097-01	P70	229 / 9	362.3 / 14.3	255.9 / 10.1	45 / 100	4 1/2" API	27,000 / 59,470	30-60
0101101-XX	P70	251 / 9 7/8	405.5 / 16.0	280.1 / 11.0	62 / 137	6 5/8" API	29,600 / 65,200	30-60
0101070-01	P70	279 / 11	398 / 15.7	272.6 / 10.7	75 / 165	6 5/8" API	33,000 / 72,690	30-60
0101030-01	P70	311 / 12 1/4	442.4 / 17.4	317 / 12.5	100 / 220	6 5/8" API	36,750 / 80,950	30-60
0039727-01	P70	349 / 13 3/4	495.5 / 19.5	370.1 / 14.6	120 / 164	6 5/8" API	41,250 / 90,860	30-60
0101123-XX	P70	381 / 15	519.5 / 20.5	386.1 / 15.2	160 / 353	7 5/8" API	45,000 / 99,120	30-60
0040009-XX	P70	406 / 16	537.7 / 21.2	414.4 / 16.3	205 / 450	7 5/8" API	48,000 / 105,720	30-60
0101162-XX	P80	229 / 9	362.3 / 14.3	255.9 / 10.1	45 / 100	4 1/2" API	27,000 / 59,470	30-60
0040005-XX	P80	251 / 9 7/8	405.5 / 16.0	280.1 / 11.0	62 / 137	6 5/8" API	29,600 / 65,200	30-60
0101164-XX	P80	279 / 11	398 / 15.7	272.6 / 10.7	75 / 165	6 5/8" API	33,000 / 72,690	30-60
0040007-XX	P80	311 / 12 1/4	442.4 / 17.4	317 / 12.5	100 / 220	6 5/8" API	36,750 / 80,950	30-60
0040008-XX	P80	349 / 13 3/4	495.5 / 19.5	370.1 / 14.6	120 / 164	6 5/8" API	41,250 / 90,860	30-60
0101167-XX	P80	381 / 15	519.5 / 20.5	386.1 / 15.2	160 / 353	7 5/8" API	45,000 / 99,120	30-60
0040010-XX	P80	406 / 16	537.7 / 21.2	414.4 / 16.3	205 / 450	7 5/8" API	48,000 / 105,720	30-60

\*Test results are to be considered as results reached under certain and controlled test conditions. These test results should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.

