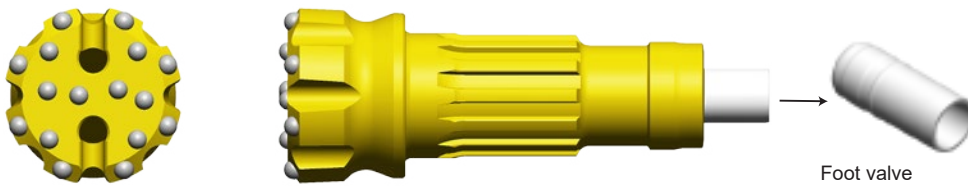


# DOWN THE HOLE BIT



# DOWN THE HOLE BIT



<b>Flat face design R25</b>	<b>Concave design R65</b>	<b>Convex design BB81</b>
For drilling in a medium-hard to hard and abrasive rock.	The all-round application bit specifically designed for medium hard and homogeneous rock formations. Excellent hole deviation control and flushing volume.	Bit design with excellent flushing volume. For drilling at high penetration rates in non-abrasive rock.

## Ingersoll-Rand

Hammer model	Gauge diameter		Gauge angle [°]	Button × Button dia. [mm]		Flushing hole	Weight [Kg]	Part number	
	[mm]	[in]		Gauge	Face				
DHD3.5	90	3 1/2"	30	8×12	5×12	2	4.7	DH3.5P90R25	
	95	3 3/4"	30	8×12	6×12	2	4.8	DH3.5P95R25	
	100	3 15/16"	35	8×14	7×12	2	4.9	DH3.5P100R25	
	102	4"	35	8×14	7×12	2	4.9	DH3.5P102R25	
	90	3 1/2"	※ 20 - 40	6×12	6×12	2	4.7	DH3.5P90BB81	
	95	3 3/4"	20 - 40	6×12	6×12	2	4.8	DH3.5P95BB81	
	100	3 15/16"	20 - 40	6×12	6×12	2	4.9	DH3.5P100BB81	
	102	4"	20 - 40	6×12	6×12	2	4.9	DH3.5P102BB81	
Foot valve								FV-DH3.5	
DHD340	105	4 1/8"	35	8×14	7×12	2	8.6	DH340P105R25	
	110	4 5/16"	35	8×14	7×12	2	8.7	DH340P110R25	
	115	4 1/2"	35	8×14	8×12	2	9.0	DH340P115R25	
	120	4 3/4"	35	8×14	8×12	2	9.7	DH340P120R25	
	127	5"	35	8×16	7×14	2	10.6	DH340P127R25	
	105	4 1/8"	※ 20 - 40	8×12	8×12	2	8.6	DH340P105BB81	
	110	4 5/16"	20 - 40	8×12	8×12	2	8.7	DH340P110BB81	
	115	4 1/2"	20 - 40	8×12	8×12	2	9.0	DH340P115BB81	
	120	4 3/4"	20 - 40	8×14	8×14	2	9.7	DH340P120BB81	
	127	5"	20 - 40	8×14	8×14	2	10.6	DH340P127BB81	
	Foot valve								FV-DHD340
	DHD350	133	5 1/4"	35	8×16	8×14	2	16.0	DH350P133R25
		140	5 1/2"	35	8×16	9×14	2	16.4	DH350P140R25
146		5 3/4"	35	8×19	8×16	2	16.8	DH350P146R25	
152		6"	35	8×19	10×16	2	18.1	DH350P152R25	
133		5 1/4"	20 - 40	8×14	8×14	2	16.0	DH350P133BB81	
140		5 1/2"	20 - 40	8×14	10×14	2	16.4	DH350P140BB81	
146		5 3/4"	20 - 40	8×14	10×14	2	16.8	DH350P146BB81	
152		6"	20 - 40	8×14	10×16	2	18.1	DH350P152BB81	
Foot valve								FV-DHD350	

※ Face angle 20°, Gauge angle 40°



Hammer model	Gauge diameter		Gauge angle [°]	Button × Button dia. [mm]		Flushing hole	Weight [Kg]	Part number	
	[mm]	[in]		Gauge	Face				
DHD360	152	6"	35	8×19	10×16	2	24.0	DH360P152R65	
	156	6 1/8"	35	8×19	10×16	2	24.4	DH360P156R65	
	159	6 1/4"	35	8×19	10×16	2	24.6	DH360P159R65	
	165	6 1/2"	35	8×19	10×16	2	24.8	DH360P165R65	
	171	6 3/4"	35	10×19	12×16	2	25.4	DH360P171R65	
	178	7"	35	10×19	12×16	2	26.1	DH360P178R65	
	191	7 1/2"	35	10×19	16×16	2	26.6	DH360P191R65	
	* 200	7 7/8"	35	10×19	16×16	2	29.5	DH360P200R65	
	* 203	8"	35	10×19	16×16	2	29.9	DH360P203R65	
	* 216	8 1/2"	35	12×19	18×16	2	35.0	DH360P216R65	
	Foot valve	-							FV-DHD360
DHD380	203	8"	35	10×19	16×16	2	49.5	DH380P203R65	
	216	8 1/2"	35	12×19	18×16	2	52.7	DH380P216R65	
	230	9"	35	12×19	19×16	2	53.3	DH380P230R65	
	* 254	10"	35	12×19	24×16	2	54.0	DH380P254R65	
	Foot valve	-							FV-DHD380
QL40	105	4 1/8"	35	8×14	7×12	2	8.6	QL40P105R25	
	110	4 5/16"	35	8×14	7×12	2	8.7	QL40P110R25	
	115	4 1/2"	35	8×14	8×12	2	9.0	QL40P115R25	
	120	4 3/4"	35	8×14	8×12	2	9.7	QL40P120R25	
	127	5"	35	8×16	7×14	2	10.6	QL40P127R25	
	105	4 1/8"	※ 20 - 40	8×12	8×12	2	8.6	QL40P105BB81	
	110	4 5/16"	20 - 40	8×12	8×12	2	8.7	QL40P110BB81	
	115	4 1/2"	20 - 40	8×12	8×12	2	9.0	QL40P115BB81	
	120	4 3/4"	20 - 40	8×14	8×14	2	9.7	QL40P120BB81	
	127	5"	20 - 40	8×14	8×14	2	10.6	QL40P127BB81	
	Foot valve	-							FV-QL40
	QL50	133	5 1/4"	35	8×16	8×14	2	16.0	QL50P133R25
		140	5 1/2"	35	8×16	9×14	2	16.4	QL50P140R25
146		5 3/4"	35	8×19	8×16	2	16.8	QL50P146R25	
152		6"	35	8×19	10×16	2	18.1	QL50P152R25	
133		5 1/4"	※ 20 - 40	8×14	8×14	2	16.0	QL50P133BB81	
140		5 1/2"	20 - 40	8×14	10×14	2	16.4	QL50P140BB81	
146		5 3/4"	20 - 40	8×14	10×14	2	16.8	QL50P146BB81	
152		6"	20 - 40	8×16	10×16	2	18.1	QL50P152BB81	
Foot valve		-							FV-QL50
QL60	152	6"	35	8×19	10×16	2	24.0	QL60P152R65	
	156	6 1/8"	35	8×19	10×16	2	24.4	QL60P156R65	
	159	6 1/4"	35	8×19	10×16	2	24.6	QL60P159R65	
	165	6 1/2"	35	8×19	10×16	2	24.8	QL60P165R65	
	171	6 3/4"	35	10×19	12×16	2	25.4	QL60P171R65	
	178	7"	35	10×19	12×16	2	26.1	QL60P178R65	
	191	7 1/2"	35	10×19	16×16	2	26.6	QL60P191R65	
	* 200	7 7/8"	35	10×19	16×16	2	29.5	QL60P200R65	
	* 203	8"	35	10×19	16×16	2	29.9	QL60P203R65	
	* 216	8 1/2"	35	12×19	18×16	2	35.0	QL60P216R65	
	Foot valve	-							FV-QL60
QL80	203	8"	35	10×19	16×16	2	49.5	QL80P203R65	
	216	8 1/2"	35	12×19	18×16	2	52.7	QL80P216R65	
	230	9"	35	12×19	19×16	2	53.3	QL80P230R65	
	* 254	10"	35	12×19	24×16	2	54.0	QL80P254R65	
	Foot valve	-							FV-QL80

※ Face angle 20°, Gauge angle 40°

\* No shank breakage warranty

# DOWN THE HOLE BIT

## Sandvik

Hammer model	Gauge diameter		Gauge angle [°]	Button × Button dia. [mm]		Flushing hole	Weight [Kg]	Part number	
	[mm]	[in]		Gauge	Face				
SD4	105	4 1/8"	35	8×14	7×12	2	8.6	SD4P105R25	
	110	4 5/16"	35	8×14	7×12	2	8.7	SD4P110R25	
	115	4 1/2"	35	8×14	8×12	2	9.0	SD4P115R25	
	120	4 3/4"	35	8×14	8×12	2	9.7	SD4P120R25	
	127	5"	35	8×16	7×14	2	10.6	SD4P127R25	
	105	4 1/8"	※ 20 - 40	8×12	8×12	2	8.6	SD4P105BB81	
	110	4 5/16"	20 - 40	8×12	8×12	2	8.7	SD4P110BB81	
	115	4 1/2"	20 - 40	8×12	8×12	2	9.0	SD4P115BB81	
	120	4 3/4"	20 - 40	8×14	8×14	2	9.7	SD4P120BB81	
	127	5"	20 - 40	8×14	8×14	2	10.6	SD4P127BB81	
	Foot valve								FV-SD4
	SD5	133	5 1/4"	35	8×16	8×14	2	16.0	SD5P133R25
140		5 1/2"	35	8×16	9×14	2	16.4	SD5P140R25	
146		5 3/4"	35	8×19	8×16	2	16.8	SD5P146R25	
152		6"	35	8×19	10×16	2	18.1	SD5P152R25	
133		5 1/4"	※ 20 - 40	8×14	8×14	2	16.0	SD5P133BB81	
140		5 1/2"	20 - 40	8×14	10×14	2	16.4	SD5P140BB81	
146		5 3/4"	20 - 40	8×14	10×14	2	16.8	SD5P146BB81	
152		6"	20 - 40	8×16	10×16	2	18.1	SD5P152BB81	
Foot valve								FV-SD5	
SD6		152	6"	35	8×19	10×16	2	24.0	SD6P152R65
		156	6 1/8"	35	8×19	10×16	2	24.4	SD6P156R65
		159	6 1/4"	35	8×19	10×16	2	24.6	SD6P159R65
	165	6 1/2"	35	8×19	10×16	2	24.8	SD6P165R65	
	171	6 3/4"	35	10×19	12×16	2	25.4	SD6P171R65	
	178	7"	35	10×19	12×16	2	26.1	SD6P178R65	
	191	7 1/2"	35	10×19	16×16	2	26.6	SD6P191R65	
	* 200	* 7 7/8"	35	10×19	16×16	2	29.5	SD6P200R65	
	* 203	* 8"	35	10×19	16×16	2	29.9	SD6P203R65	
	* 216	* 8 1/2"	35	12×19	18×16	2	35.0	SD6P216R65	
	Foot valve								FV-SD6
	SD8	203	8"	35	10×19	16×16	2	49.5	SD8P203R65
216		8 1/2"	35	12×19	18×16	2	52.7	SD8P216R65	
230		9"	35	12×19	19×16	2	53.3	SD8P230R65	
* 254		* 10"	35	12×19	24×16	2	54.0	SD8P254R65	
Foot valve								FV-SD8	

※ Face angle 20°, Gauge angle 40°

\* No shank breakage warranty

## Atlas Copco

Hammer model	Gauge diameter		Gauge angle [°]	Button × Button dia. [mm]		Flushing hole	Weight [Kg]	Part number
	[mm]	[in]		Gauge	Face			
COP32	90	3 1/2"	30	8×12	5×12	2	4.7	COP32P90R25
	95	3 3/4"	30	8×12	6×12	2	4.8	COP32P95R25
	100	3 15/16"	35	8×14	7×12	2	4.9	COP32P100R25
	102	4"	35	8×14	7×12	2	4.9	COP32P102R25
	90	3 1/2"	※ 20 - 40	6×12	6×12	2	4.7	COP32P90BB81
	95	3 3/4"	20 - 40	6×12	6×12	2	4.8	COP32P95BB81
	100	3 15/16"	20 - 40	6×12	6×12	2	4.9	COP32P100BB81
	102	4"	20 - 40	6×12	6×12	2	4.9	COP32P102BB81
COP42	105	4 1/8"	35	8×14	7×12	2	8.6	COP42P105R25
	110	4 5/16"	35	8×14	7×12	2	8.7	COP42P110R25
	115	4 1/2"	35	8×14	8×12	2	9.0	COP42P115R25
	120	4 3/4"	35	8×14	8×12	2	9.7	COP42P120R25
	127	5"	35	8×16	7×14	2	10.6	COP42P127R25
	105	4 1/8"	※ 20 - 40	8×12	8×12	2	8.6	COP42P105BB81
	110	4 5/16"	20 - 40	8×12	8×12	2	8.7	COP42P110BB81
	115	4 1/2"	20 - 40	8×12	8×12	2	9.0	COP42P115BB81
	120	4 3/4"	20 - 40	8×14	8×14	2	9.7	COP42P120BB81
	127	5"	20 - 40	8×14	8×14	2	10.6	COP42P127BB81

※ Face angle 20°, Gauge angle 40°

\* No shank breakage warranty