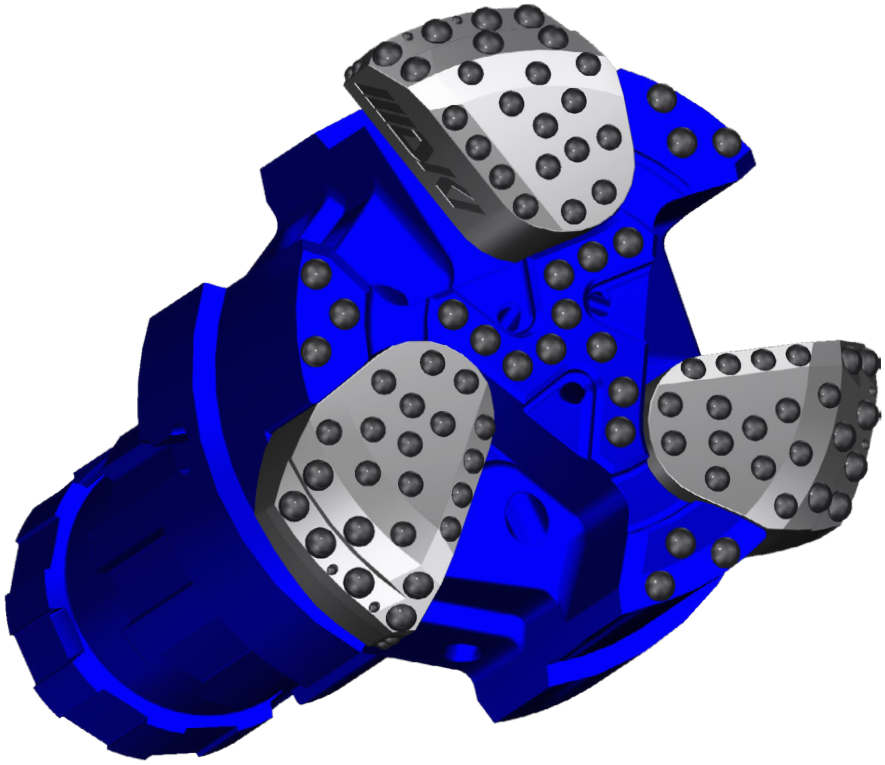
Drill King International

WING KING SYSTEM



The Drill King WING KING casing system is a wing type overburden drilling system suitable for:

- **WATER WELLS**
- **ENERGY WELLS**
- **FOUNDATION CONSTRUCTION**
- **SITE INVESTIGATION**

TECHNICAL BROCHURE

Key features

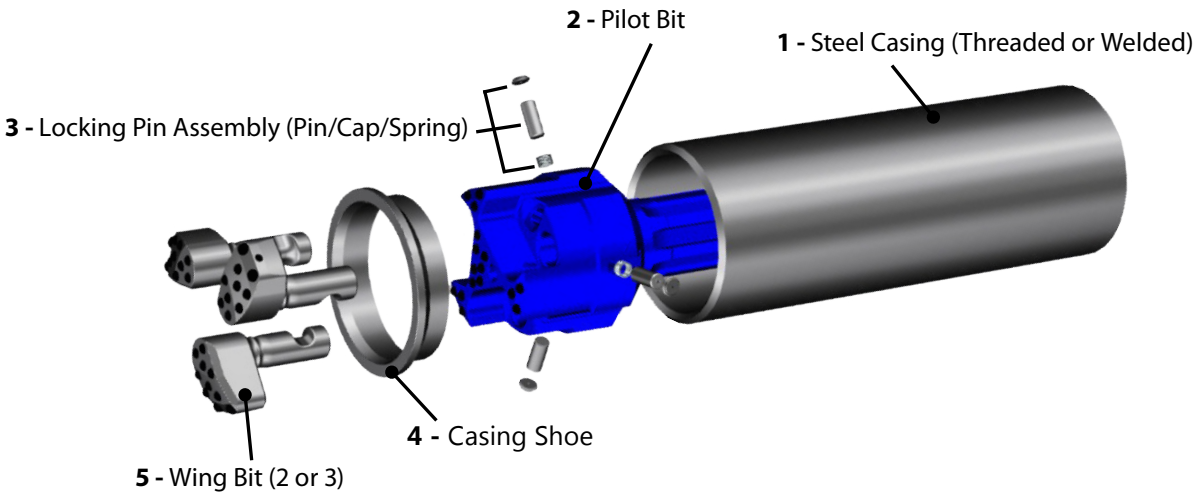
- Simple 2 & 3 wing drilling systems for casing sizes 5.5" (140mm) to 30" (762mm)
- Low cost per drilled foot
- To suit industry standard casing pipes (and thicker wall)
- Full face drilling for faster penetration
- Easy opening and closing wing mechanism

Parts List

DKI Part Number	Casing O.D.		Casing Wall Thckness Min - Max		Casing Shoe I.D. Pass-Through		Drill Guage DIA (Open)		Wing Count	Hammer Size	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	-	inch	kg	lbs
WK140	139.7	5.50	3.18-10.54	0.125-0.415	110.5	4.35	152.0	5.98	2	4	16	35
WK168	168.3	6.63	3.18-10.97	0.125-0.432	137.2	5.40	181.0	7.13	2	5	24	52
WK219	219.1	8.63	3.18-12.7	0.125-0.5	182.2	7.18	242.0	9.53	3	6	53	116
WK254	254.0	10.0	3.18-12.7	0.125-0.5	219.5	8.64	270.5	10.65	3	8	75	165
WK273	273.1	10.75	3.18-12.7	0.125-0.5	235.5	9.27	290.0	11.42	3	8	89	195
WK324	323.9	12.75	3.18-12.7	0.125-0.5	272.8	10.74	350.0	13.78	3	10	137	301
WK324 XR	323.85	12.75	3.18-12.7	0.125-0.5	272.8	10.74	374.0	14.72	3	10	146	321
WK356	355.6	14.00	3.18-12.7	0.125-0.5	308.1	12.130	374.7	14.75	3	12	159	350
WK406	406.4	16.00	6.35-12.7	0.25-0.5	350.9	13.82	425.0	16.73	3	12	279	615
WK406 XR	406.4	16.00	6.35-12.7	0.25-0.5	350.9	13.82	460.0	18.11	3	12	291	640
WK508	508.0	20.00	6.35-15.9	0.25-0.625	443.7	17.47	527.1	20.75	3	12	511	1125
WK610	609.6	24.00	6.35-19.1	0.25-0.75	540.0	21.26	630.0	24.80	3	18	761	1675
WK762	762	30.00	6.35-21.6	0.25-0.85	687.4	27.06	780.0	30.71	3	18	1235	2720

*PROVIDE CASING O.D. AND I.D. WHEN ORDERING
**ASK DKI SALES ABOUT NEW OR CUSTOM SIZES
***THICKER CASING WALL POSSIBLE ON APPLICATIONS WITH NO CASING DRIVE SHOE

Exploded view



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