



Drag bits – Geotechnical drilling tools

Product brochure

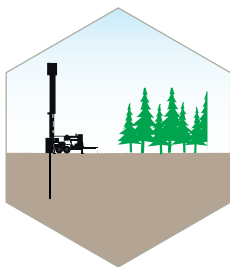


Drag bits

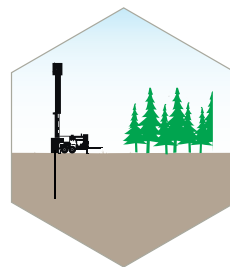
TerraRoc Geotechnical drilling tools enlarge its product portfolio for the Drag bits. Drag bits are designed to drill soft ground formations with a rotary drilling method. All Drag bits are designed with tungsten cutter plates with three wing step type shape.

Applications

Drag bits have a wide range of applications. Site investigation, grouting hole, exploration, anchoring, foundation, water well and geothermal well drilling are the most common applications. Our product range are inbetween 70 mm to 610 mm.



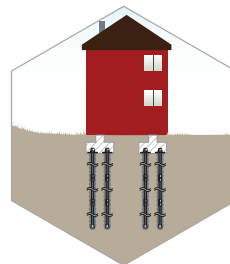
**Site
investigation
drilling**



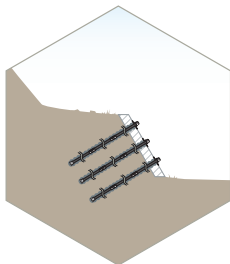
**Exploration
drilling**



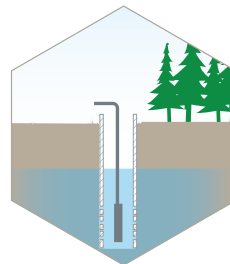
**Geothermal
well drilling**



**Foundation
work**



Anchoring



**Water well
drilling**



TECHNICAL SPECIFICATIONS

Diameter		Part number	Product description	Pin conn.	Weight	
mm	inch				kg	lbs
70	2 3/4"	3751000087	2 3/4" Drag bit step type, 3 wings, AW Pin	Aw	1,100	2.425
76	3"	3751000088	3" Drag bit step type, 3 wings, AW Pin	Aw	1,140	2.513
89	3 1/2"	3751000089	3 1/2" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,530	7.782
92	3 5/8"	3751000006	3 5/8" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,620	7.981
95	3 3/4"	3751000007	3 3/4" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,650	8.047
98	3 7/8"	3751000090	3 7/8" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,700	8.157
102	4"	3751000009	4" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,800	8.378
105	4 1/8"	3751000091	4 1/8" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,850	8.488
108	4 1/4"	3751000092	4 1/4" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	3,950	8.708
111	4 3/8"	3751000093	4 3/8" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 3/8"	4,000	8.818
114	4 1/2"	3751000094	4 1/2" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	4,900	10.803
117	4 5/8"	3751000095	4 5/8" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,000	11.023
121	4 3/4"	3751000096	4 3/4" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,100	11.244
124	4 7/8"	3751000097	4 7/8" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,200	11.464
127	5"	3751000098	5" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,300	11.684
130	5 1/8"	3751000099	5 1/8" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,350	11.795
133	5 1/4"	3751000100	5 1/4" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 7/8"	4,430	9.766
137	5 3/8"	3751000101	5 3/8" Drag bit step type, 3 wings, 2 3/8" Reg Pin	2 7/8"	4,480	9.877
140	5 1/2"	3751000102	5 1/2" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,560	12.258
143	5 5/8"	3751000103	5 5/8" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,600	12.346
146	5 3/4"	3751000104	5 3/4" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,650	12.456
149	5 7/8"	3751000105	5 7/8" Drag bit step type, 3 wings, 2 7/8" Reg Pin	2 7/8"	5,700	12.566
152	6"	3751000027	6" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	9,380	20.679
156	6 1/8"	3751000106	6 1/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	9,400	20.723
159	6 1/4"	3751000028	6 1/4" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	9,600	21.164
162	6 3/8"	3751000107	6 3/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	9,650	21.275
165	6 1/2"	3751000108	6 1/2" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	9,800	21.605
168	6 5/8"	3751000109	6 5/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,000	22.046
171	6 3/4"	3751000110	6 3/4" Drag bit step type, 3 wings, 3 1/2" Pin	3 1/2"	10,150	22.377
175	6 7/8"	3751000111	6 7/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,200	22.487
178	7"	3751000112	7" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,250	22.597
187	7 3/8"	3751000113	7 3/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,400	22.928
191	7 1/2"	3751000114	7 1/2" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,600	23.369
200	7 7/8"	3751000115	7 7/8" Drag bit step type, 3 wings, 3 1/2" Reg Pin	3 1/2"	10,920	24.074
203	8"	3751000116	8" Drag bit step type, 3 wings, 4 1/2" Reg Pin	4 1/2"	14,000	30.865
216	8 1/2"	3751000117	8 1/2" Drag bit step type, 3 wings, 4 1/2" Reg Pin	4 1/2"	14,200	31.306
229	9"	3751000118	9" Drag bit step type, 3 wings, 4 1/2" Reg Pin	4 1/2"	14,500	31.967
241	9 1/2"	3751000119	9 1/2" Drag bit step type, 3 wings, 4 1/2" Reg Pin	4 1/2"	15,000	33.069
254	10"	3751000120	10" Drag bit step type, 3 wings, 4 1/2" Reg Pin	4 1/2"	16,400	36.156
311	12 1/4"	3751000121	12 1/4" Drag bit step type, 3 wings, 6 5/8" Reg Pin	6 5/8"	36,600	80.689
375	14 3/4"	3751000122	14 3/4" Drag bit step type, 3 wings, 7 5/8" Reg Pin	7 5/8"	52,000	114.640
445	17 1/2"	3751000123	17 1/2" Drag bit step type, 3 wings, 7 5/8" Reg Pin	7 5/8"	58,000	127.868
610	24"	3751000124	24" Drag bit step type, 3 wings, 7 5/8" Reg Pin	7 5/8"	141,000	310.852

Customized Geotechnical Solutions.

Full range of drilling tools and consumables for casing advancement systems, down-the-hole hammers and core drilling, all customized for your needs.

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