

Casing and accessories

For topammer, down-the-hole and rotary



Casing sizes

Casing is used in all applications of the drilling industry to support unconsolidated strata. We offer a comprehensive range to suit all drilling methods within the waterwell construction, piling, site investigation, geothermal and horizontal directional drilling industries.

Casing can be installed using topammer, DTH and rotary methods. Various wall thicknesses and thread forms are available to suit the applications.

- 6.3 mm wall casing will have a trapezoidal thread.
- 76.1 mm–219.1 mm - single start LH/RH knuckle thread.
- 244.5 mm–660.4 mm - three start LH/RH rope thread.
- Lengths available: 0.5 mtr, 1.0mtr, 1.5 mtr, 2.0 mtr, 3.0 mtr.

OD Ø (mm)	Wall thickness (mm)						
	6.3	8	9.5	12.5	14.2	16	20
76.1							
88.9							
114.3							
127							
133							
139.7							
146							
152.4							
168.3							
177.8							
193.7							
219.1							
244.5							
254							
273							
298.5							
323.9							
406.4							
457.2							
508							
558.8							
609.6							
660.4							

 Available  Standard

Starter casings

Symmetrix & Elemex starter casings

All overburden drilling systems need the inner drill string and outer casing to be matched. This is usually done with the length of the starter casing so the connections can be easily accessed and allow

for quick rod change. This also lets us make the optimum length to suit the stroke on the mast for a smooth start to the hole.

LH Product No.	RH Product No.	Description	To Suit	Length (mm)	Weight (kg)
89011045	89010915	Starter casing-114.3 mm x 8 mm wall	Terranox 3	902	18.9
89011046	89010916	Starter casing-127 mm x 8 mm wall	Terranox 3	902	21.2
89011047	89010917	Starter casing-133 mm x 8 mm wall	Terranox 4	1049	25.9
89011048	89010918	Starter casing-139.7 mm x 9.5 mm wall	Terranox 4	1049	27.3
89011049	89010919	Starter casing-139.7 mm x 9.5 mm wall	Terranox 4 & Shock Absorber	1449	37.6
89011050	89010920	Starter casing-146 mm x 9.5 mm wall	Terranox 4	1049	33.5
89011051	89010921	Starter casing-146 mm x 9.5 mm wall for	Terranox 4 & Shock Absorber	1449	46.3
89011052	89010922	Starter casing-152.4 mm x 9.5 mm wall	Terranox 4	1049	35.1
89011053	89010923	Starter casing-152.4 mm x 9.5 mm wall	Terranox 4 & Shock Absorber	1449	48.5
89011054	89010924	Starter casing-168.3 mm x 9.5 mm wall	Terranox 5	1166	43.4
89011055	89010925	Starter casing-168.3 mm x 9.5 mm wall	Terranox 5 & Shock Absorber	1661	61.8
89011056	89010926	Starter casing-177.8 mm x 9.5 mm wall	Terranox 5	1661	46
89011057	89010927	Starter casing-177.8 mm x 9.5 mm wall	Terranox 5 & Shock Absorber	1166	65.5
89011058	89010928	Starter casing-193.7 mm x 9.5 mm wall	Terranox 6	1255	54.2
89011059	89010929	Starter casing-193.7 mm x 9.5 mm wall	Terranox 6 & Shock Absorber	1750	75.5
89011060	89010930	Starter casing-219.1 mm x 9.5 mm wall	Terranox 6	1255	79.9
89011061	89010931	Starter casing-219.1 mm x 9.5 mm wall	Terranox 6 & Shock Absorber	1750	111.5
89011062	89010932	Starter casing-244.5 mm x 12.5 mm	Terranox 6	1255	89.8
89011063	89010933	Starter casing-244.5 mm x 12.5 mm wall	Terranox 6 & Shock Absorber	1750	125.2
89011064	89010934	Starter casing-254 mm x 12.5 mm	Terranox 8	1443	107.4
89011065	89010935	Starter casing-254 mm x 12.5 mm wall	Terranox 8 & Shock Absorber	2021	150.5
89011066	89010936	Starter casing-273 mm x 12.5 mm	Terranox 8	1443	115.9
89011067	89010937	Starter casing-273 mm x 12.5 mm wall	Terranox 8 & Shock Absorber	2021	162.3
89011068	89010938	Starter casing-298.5 mm x 12.5 mm	Terranox 8	1443	127.2
89011069	89010939	Starter casing-298.5 mm x 12.5 mm wall	Terranox 8 & Shock Absorber	2021	178.2
89011214	89011200	Starter casing-323.9 mm x 12.5 mm wall	Terranox 8	1443	138.5
89011215	89011201	Starter casing-323.9 mm x 12.5 mm wall	Terranox 8 & Shock Absorber	2021	194
89011216	89011202	Starter casing-406.4 mm x 14.2 mm wall	QL120	1837	252.3
89011217	89011203	Starter casing-406.4 mm x 14.2 mm wall	QL 120 & Shock Absorber	2459	337.7
89011218	89011204	Starter casing-457.2 mm x 14.2 mm wall	QL120	1837	285
89011219	89011205	Starter casing-457.2 mm x 14.2 mm wall	QL 120 & Shock Absorber	2459	381.5
89011220	89011206	Starter casing-508 mm x 14.2 mm wall	QL120	1837	317.7
89011221	89011207	Starter casing-508 mm x 14.2 mm wall	QL 120 & Shock Absorber	2459	425.2
89011222	89011208	Starter casing-558.8 mm x 14.2 mm wall	QL200	1670	318.5
89011223	89011209	Starter casing-558.8 mm x 14.2 mm wall	QL 200 & Shock Absorber	2584	492.5
89011224	89011210	Starter casing-609.6 mm x 16 mm wall	QL200	1670	391.2
89011225	89011211	Starter casing-609.6 mm x 16 mm wall	QL 200 & Shock Absorber	2584	605.2
89011226	89011212	Starter casing-660.4 mm x 20 mm wall	QL200S	1831	424.6
89011227	89011213	Starter casing-660.4 mm x 20 mm wall	QL 200S & Shock Absorber	2745	657

Casing puller LH

A casing puller allows the operator to use the drill head to remove the casing from the hole.



LH (fabricated)

Casing OD	2 3/8" API Reg		3 1/2" API Reg		4 1/2" API Reg		6 5/8" API Reg	
	BOX	PIN	BOX	PIN	BOX	PIN	BOX	PIN
114.3 mm	89010844	89010842						
127 mm	89010848	89010846						
133 mm	89010852	89010850						
139.7 mm	89010856	89010854						
146 mm	89010860	89010858						
152.4 mm	89010864	89010862						
168.3 mm	89010868	89010866						
177.8 mm	89010872	89010870	89010876	89010874				
193.7 mm	89010880	89010878	89010884	89010882				
219.1 mm	89010888	89010886	89010892	89010890				
244.5 mm			89010896	89010894	89011075	89011073		
254 mm			89010900	89010898	89011079	89011077		
273 mm			89010904	89010902	89011083	89011081		
298.5 mm			89010908	89010906	89010912	89010910		
323.9 mm			89011161	89011159	89011165	89011163		
406.4 mm					89011171	89011169	89011175	89011173
457.2 mm					89011179	89011177	89011183	89011181
508 mm							89011187	89011185
558.8 mm							89011191	89011189
609.6 mm							89011195	89011193
660.4 mm							89011199	89011197

Casing puller RH

A casing puller allows the operator to use the drill head to remove the casing from the hole.



RH (fabricated)

Casing	2 3/8" API Reg		3 1/2" API Reg		4 1/2" API Reg		6 5/8" API Reg	
	BOX	PIN	BOX	PIN	BOX	PIN	BOX	PIN
114.3 mm	89011230	89011229						
127 mm	89011232	89011231						
133 mm	89011234	89011233						
139.7 mm	89011236	89011235						
146 mm	89011238	89011237						
152.4 mm	89011240	89011239						
168.3 mm	89011242	89011241						
177.8 mm	89011244	89011243	89011246	89011245				
193.7 mm	89011248	89011247	89011250	89011249				
219.1 mm	89011252	89011251	89011254	89011253				
244.5 mm			89011256	89011255	89011267	89011266		
254 mm			89011258	89011257	89011269	89011268		
273 mm			89011260	89011259	89011271	89011270		
298.5 mm			89011262	89011261	89011264	89011263		
323.9 mm			89011273	89011272	89011275	89011274		
406.4 mm					89011278	89011277	89011280	89011279
457.2 mm					89011282	89011281	89011284	89011283
508 mm					89011286	89011285	89011288	89011287
558.8 mm							89011290	89011289
609.6 mm							89011292	89011291
660.4 mm							89011294	89011293

Casing range

OD Ø (mm)	Length (mtr)										Weight (kg/m)
	0.5		1.0		1.5		2.0		3.0		
	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	
114.3 mm x 8 mm wall	89010701	89010706	89010702	89010707	89010703	89010708	89010704	89010709	89010705	89010710	21
127 mm x 9.5 mm wall	89010711	89010716	89010712	89010717	89010713	89010718	89010714	89010719	89010715	89010720	23.51
133 mm x 9.5 mm wall	89010721	89010726	89010722	89010727	89010723	89010728	89010724	89010729	89010725	89010730	24.69
139.7 mm x 9.5 mm wall	89010731	89010736	89010732	89010737	89010733	89010738	89010734	89010739	89010735	89010740	26.01
146 mm x 9.5 mm wall	89010741	89010746	89010742	89010747	89010743	89010748	89010744	89010749	89010745	89010750	32.02
152.4 mm x 9.5 mm wall	89010751	89010756	89010752	89010757	89010753	89010758	89010754	89010759	89010755	89010760	33.52
168.3 mm x 9.5 mm wall	89010761	89010766	89010762	89010767	89010763	89010768	89010764	89010769	89010765	89010770	37.25
177.8 mm x 9.5 mm wall	89010771	89010776	89010772	89010777	89010773	89010778	89010774	89010779	89010775	89010780	39.48
193.7 mm x 9.5 mm wall	89010781	89010786	89010782	89010787	89010783	89010788	89010784	89010789	89010785	89010790	43.21
219.1 mm x 9.5 mm wall	89010791	89010796	89010792	89010797	89010793	89010798	89010794	89010799	89010795	89010800	63.77
244.5 mm x 12.5 mm wall	89010801	89010806	89010802	89010807	89010803	89010808	89010804	89010809	89010805	89010810	71.6
254 mm x 12.5 mm wall	89010811	89010816	89010812	89010817	89010813	89010818	89010814	89010819	89010815	89010820	74.54
273 mm x 12.5 mm wall	89010821	89010826	89010822	89010827	89010823	89010828	89010824	89010829	89010825	89010830	80.4
298.5 mm x 12.5 mm wall	89010831	89010836	89010832	89010837	89010833	89010838	89010834	89010839	89010835	89010840	88.27
323.9 mm x 12.5 mm wall	89011228	89011093	89011089	89011094	89011090	89011095	89011091	89011096	89011092	89011097	96.11
406.4 mm x 12.5 mm wall	89011098	89011103	89011099	89011104	89011100	89011105	89011101	89011106	89011102	89011107	137.51
457.2 mm x 14.2 mm wall	89011108	89011113	89011109	89011114	89011110	89011115	89011111	89011116			155.32
508 mm x 14.2 mm wall	89011118	89011123	89011119	89011124	89011120	89011125	89011121	89011126			173.13
558.8 mm x 14.2 mm wall	89011128	89011133	89011129	89011134	89011130	89011135	89011131	89011136			190.95
609.6 mm x 16 mm wall	89011138	89011143	89011139	89011144	89011140	89011145	89011141	89011146			234.51
660.4 mm x 20 mm wall	89011148	89011153	89011149	89011154	89011150	89011155	89011151	89011156			254.58



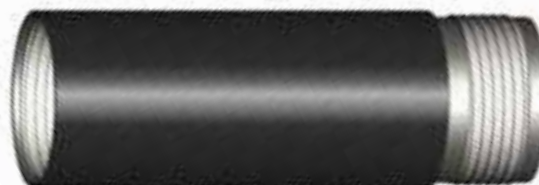
Knuckle thread



Trapezoidal thread



Rope thread



Casing

Auxiliary equipment

To compliment our casing we offer a full range of auxiliary equipment:



Bayonet drives

In certain ground conditions Overburden Systems may benefit from rotating the casing. The Bayonet Drive allows you to rotate the inner and outer strings while still remaining independent from each other.



Duplex heads

For drilling overburden the Duplex Head allows you to drill simultaneously with various bit options.



Solid drive heads

These heavy duty heat treated drive heads allow you to drive the casing when using rotary methods and can also double as a casing puller.



Certified casing pullers

When lifting and hanging the casing the job site may require certified lifting equipment.



Casing shoes

We offer a range of casing shoes to handle varying formations from TC Octagonal Inserts, Nutty Crunch and TC Welding Blocks (pictured) for specialist applications.



Fishing tools

In the event that the casing parts or breaks in the hole a range of Spears are available to retrieve the string.

United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.

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