

# High Silicon Cast Iron Tubular Anode

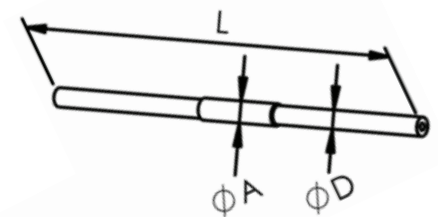


Seanguard HSCI tubular anodes work well as deep well anodes for cathodic protection of offshore platforms, underground steel pipelines, underground cables, subsea pipelines, etc.

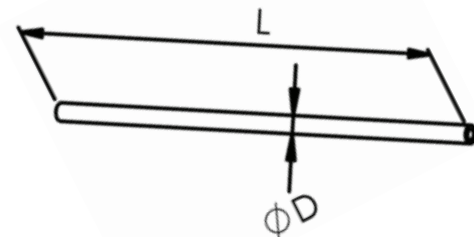
The tubular design provides greater surface area over solid cast iron anodes with identical weight. This in turn lowers anode-to-earth resistance, decreases the current density on the surface of the anode and permits any generated gases to be distributed over a larger area. The tubular design also means the wire connection can be made in the center of the anode, thus eliminating the problem of end-effect consumption.

There are two manufacturing methods to produce these anodes, steel mold cast or centrifugal cast. The dimensions of HSCI tubular anodes can be customized in accordance with client's requirements.

Type "SM"	Nominal Dimensions						Nominal Weight		Nominal Surface area	
	Ø D		L		Ø A					
	mm	in	mm	in	mm	in	kg	lb	m <sup>2</sup>	sq ft
SM6601	66	2.6	1520	60	76	3.0	23	50	0.33	3.5
SM6602	66	2.6	2130	84	76	3.0	31	69	0.46	4.9



Type "CC"	Nominal Dimensions				Nominal Weight		Nominal Surface area	
	Ø D		L					
	mm	in	mm	in	kg	lb	m <sup>2</sup>	sq ft
CC01	55.6	2.2	1520	60	16	36	0.27	2.9
CC02	55.6	2.2	2130	84	23	50	0.37	4.0
CC03	67.6	2.7	1520	60	23	50	0.33	3.5
CC04	67.6	2.7	2130	84	32	70	0.46	4.9



Chemical Composition	
Elements	Weight % ASTM A518 Grade 3
Silicon	14.20 -14.75
Manganese	1.50 max
Carbon	0.70 – 1.10
Chromium	3.25 – 5.00
Molybdenum	0.20 max
Copper	0.50 max
Iron	Remainder

Contact us:

**Seanguard International**

Address: 7733 Progress Way  
Delta, BC V4G 1A3,  
Canada

Telephone: +1-604-940-2010

Email: [getprotected@seanguardinternational.com](mailto:getprotected@seanguardinternational.com)