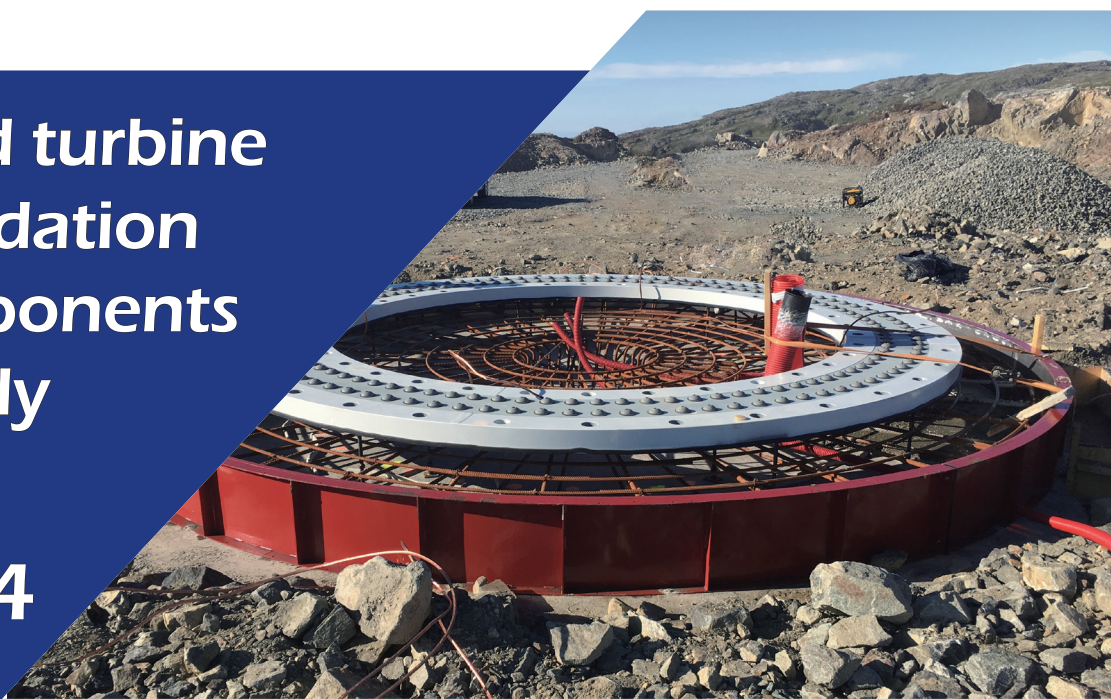




SINORTEK

**Wind turbine
foundation
components
supply**

2024



COST SAVING

**FAST
DELIVERY**

**ENVIRONMENT
FRIENDLY**




About us

■ Founded in 2015, Sinortek is a China-based production organization, certified by ISO 9001:2015 and ISO 14001:2015. We supply wind turbine foundation components, including long rock anchor bolts and large welded or mounted flange rings."

■ We have a long-term contract with Bureau Veritas for training our QA/QC teams. We take great pride in our teams' work, ensuring that each item is delivered under traceable and reliable quality supervision.

■ We have successfully supplied complete rock anchor foundation materials, including rock anchor bolts, flange rings, tower bolts, formwork, and other related steel components, to Nordly Wind Park (67 foundations), Lindesnes Wind Park (2 foundations), Hennøy Wind Park (12 foundations), and Tonstad Wind Park (51 foundations). Our customer has been highly satisfied with the products we delivered."



**CERTIFICATE OF CONFORMITY OF QUALITY
MANAGEMENT SYSTEM CERTIFICATION**

NO: 08922Q52752R1S



This Is To Certify That The Quality Management System Of
QINGDAO SINORTEK INDUSTRIAL AND TRADING CO., LTD.
No. 042 (A), 3rd Floor, Office Building, No. 43 Beijing Road, Bonded Port
Area, Qingdao, Shandong, China
2/F, Block A, Jinsha Mingyuan, No. 325, Changjiang Middle Road, West
Coast, Qingdao, Shandong, China
Unified Social Credit Code: 91370220MA3C2MHY09 Post Code: 266001

Quality Management System Complies With:
GB/T19001-2016/ISO9001:2015 Standard


Scope:
Wind Power Foundation Project (Foundation Flanges, Anchor Bolts, Tower Bolts And Other Wind Power Accessories), Steel Structure Products, Subsea Robot Auxiliary Tools Series, Outdoor Barbecue Series

Date of issue: 2022-11-24 Expiry date: 2025-11-23
Holding this certificate organizations receive annual surveillance audits qualified, And administrative license valid state regulations

Approval of the first surveillance audit Zhongshui Brilliant Certification Co., Ltd.	Approval of the second surveillance audit Zhongshui Brilliant Certification Co., Ltd.	Approval of the third surveillance audit Zhongshui Brilliant Certification Co., Ltd.
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中国认可 国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C089-M



Representative of the Company
The Certificate Information Can Be Inquired At <http://www.cnca.gov.cn> Or <http://www.zsbc.net>
Tel:010-82272016 Add:Room 7001-7004 Block B Tancheng Technology Building Of No.2 Xintang Street Devali Avenue Xichang District Beijing



**CERTIFICATE OF CONFORMITY OF ENVIRONMENTAL
MANAGEMENT SYSTEM CERTIFICATION**

NO: 08922E32126R1S

This Is To Certify That The Environmental Management System Of
QINGDAO SINORTEK INDUSTRIAL AND TRADING CO., LTD.
No. 042 (A), 3rd Floor, Office Building, No. 43 Beijing Road, Bonded Port
Area, Qingdao, Shandong, China
2/F, Block A, Jinsha Mingyuan, No. 325, Changjiang Middle Road, West
Coast, Qingdao, Shandong, China
Unified Social Credit Code: 91370220MA3C2MHY09 Post Code: 266001

Environmental Management System Complies With:
GB/T24001-2016/ISO14001:2015 Standard

Scope:
The Production Of Ready-Mixed Concrete Within The Scope Of The Qualification Involves Site-Related Environmental Management Activities

Date of issue: 2022-11-24 Expiry date: 2025-11-23
Holding this certificate organizations receive annual surveillance audits qualified, And administrative license valid state regulations

Approval of the first surveillance audit Zhongshui Brilliant Certification Co., Ltd.	Approval of the second surveillance audit Zhongshui Brilliant Certification Co., Ltd.	Approval of the third surveillance audit Zhongshui Brilliant Certification Co., Ltd.
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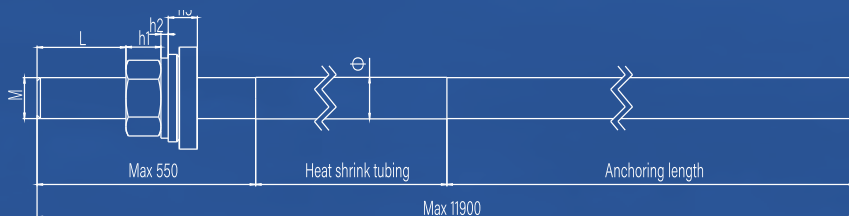
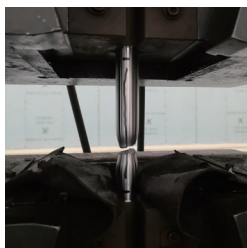
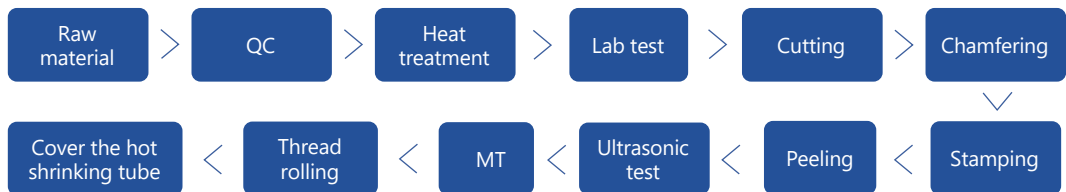

中国认可 国际互认
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MANAGEMENT SYSTEM
CNAS C089-M



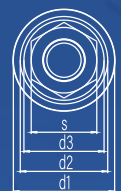
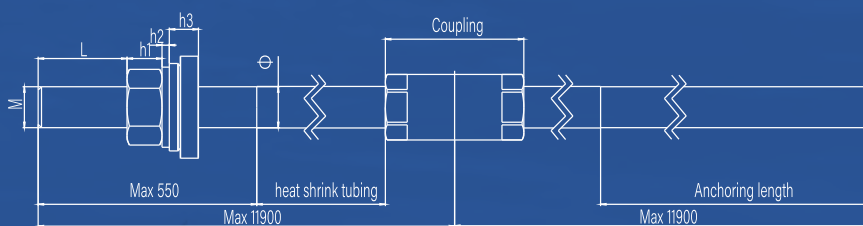
Representative of the Company
The Certificate Information Can Be Inquired At <http://www.cnca.gov.cn> Or <http://www.zsbc.net>
Tel:010-82272016 Add:Room 7001-7004 Block B Tancheng Technology Building Of No.2 Xintang Street Devali Avenue Xichang District Beijing

Anchor Bolt

Our anchor bolts, up to M80 and 23.8m long, are made from high-tensile steel. They are used for rock anchor foundations, hybrid rock anchor foundations, or specialized anchor cages. Each bolt is assigned a unique identification number, allowing it to be traced through all production processes, including raw material inspection, quenching, tempering, peeling, ultrasonic testing, and threading. All procedures follow standards such as ISO 898-1/2, ISO 468, ISO 965, ISO 10684, and ASTM E562.



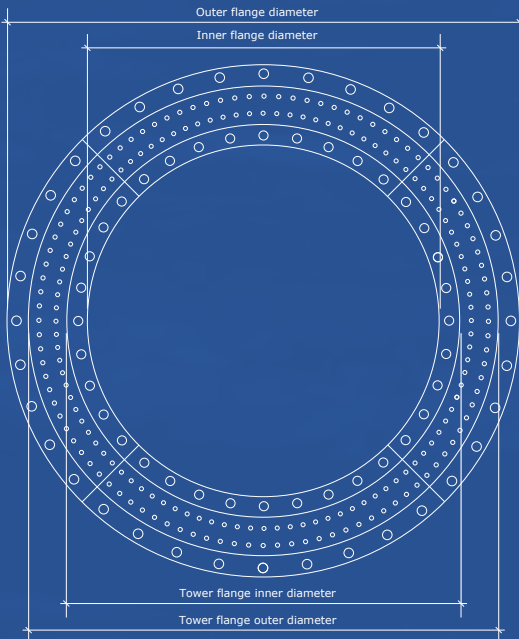
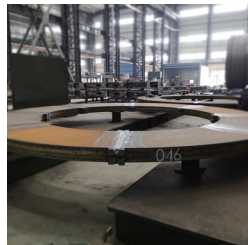
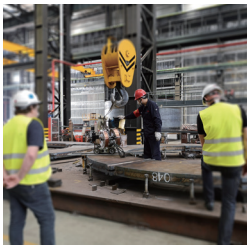
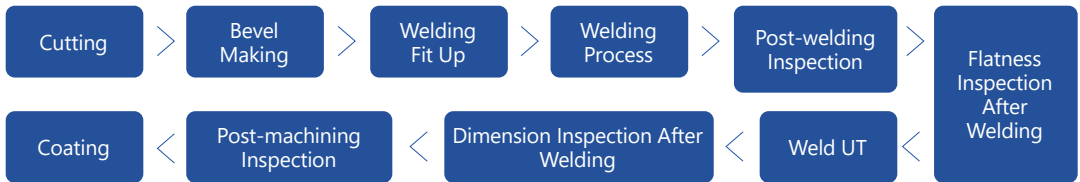
Anchor bolt



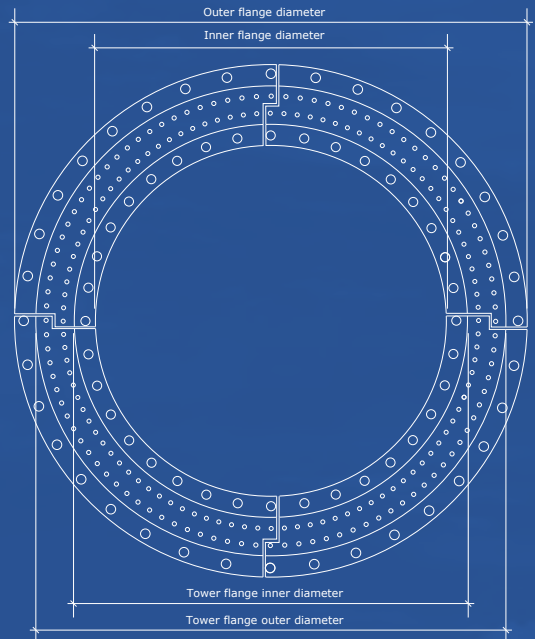
Extended anchor bolt

Foundation Flange

We supply both steel welded flanges and mounted steel/segmented flanges, all meeting the EN1090 EXC2 performance class. Welding must be verified with ultrasonic testing. The flanges are protected with paint that meets offshore painting system standards. For example, we used the Jotun System 1 for our Norway foundation projects. We are open to meeting customers' specified standards and requirements.

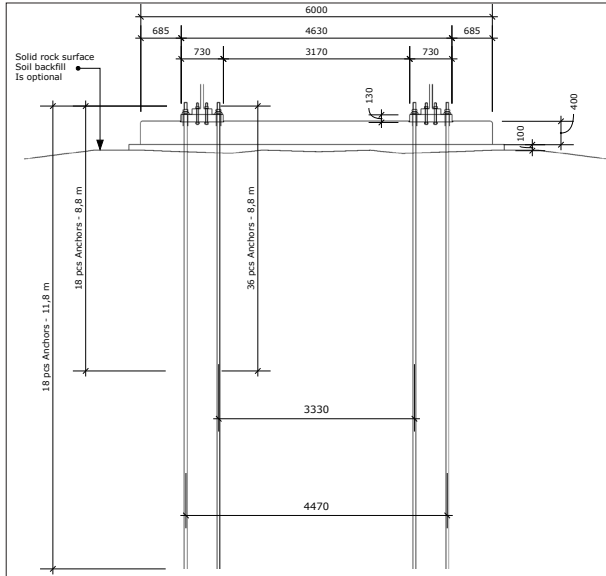


Welded Flange



Mounted Flange

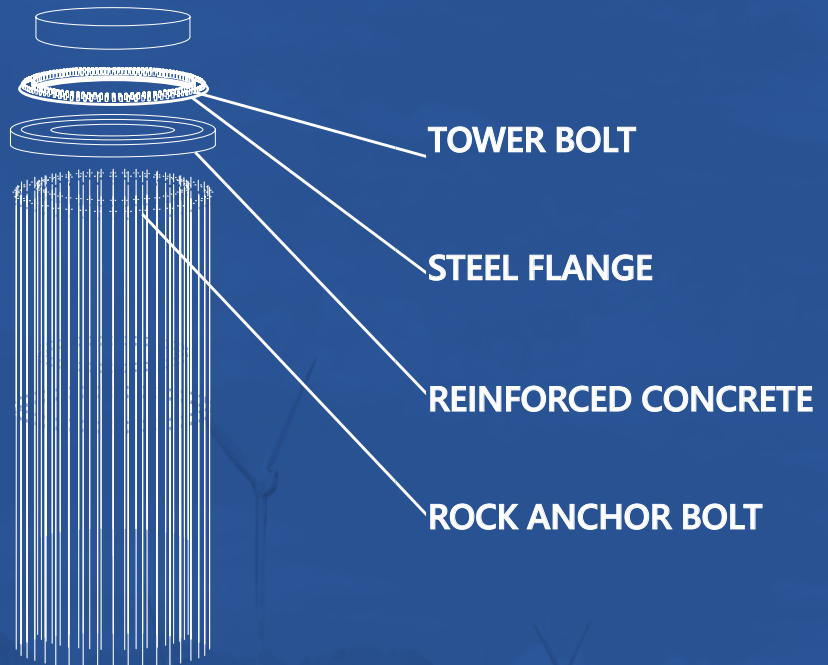
Rock Anchor Solution



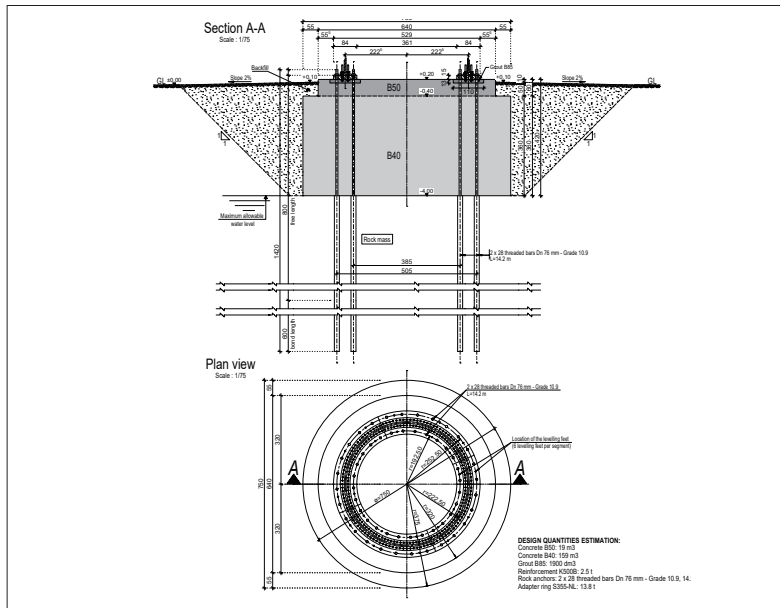
A Rock Anchor Foundation is an ideal solution for projects with high-quality bedrock, using the rock as the primary foundation base with a shallow concrete cap. It offers significant cost savings by reducing the need for concrete, rebar, and excavation work, cutting construction time by 50%, and minimizing environmental impact. This method has been successfully proven in many projects worldwide."

We supply complete inventory for rock anchor wind foundation.

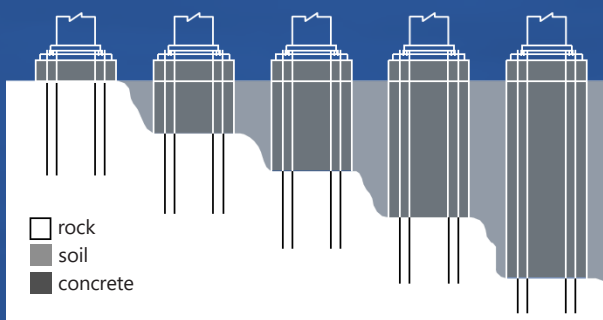
- Foundation rings
- Rock anchors
- Tower bolts
- Conical/ sphericals
- Bolt covers
- Centric spring clips
- Formwork system
- Plastic towerbolts
- Levelling support



Hybrid Foundation

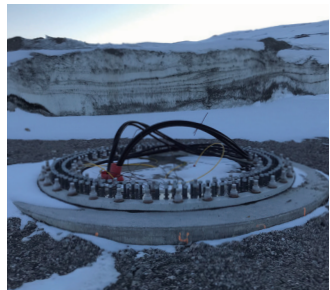


A hybrid rock foundation is a highly cost-effective and reliable solution for locations where there is a certain distance between the foundation level and the bedrock. It is adaptable to varying bearing depths and also requires high-quality rock.



- ▶ Environmental reduction for the reinforcement
Kg Co2-e/ton - 65%
- ▶ Environmental reduction of concrete
Kg Co2-e/m³ - 50%
- ▶ Reduction the construction time by - 50%
- ▶ Total reduction of the construction cost off-25-30%

Our Work



SINORTEK

Reference

RockAdapter: Lindesness Norway 2 Turbines: Vestas V112

RockAdapter: Hennøy Norway 12 Turbines: Vestas V136

RockAdapter: Sandhaugen Norway 4 Turbines: Siemens SWT-130

RockAdapter: Tonstad Norway 51 Turbines: Siemens SWR-142

RockAdapter: Kvitfjell Norway 67 Turbines: Siemens SWT-130

RockAdapter: Skomakerfjellet Norway 4 Turbines: Vestas V112

RockAdapter Hybrid: Raggovidda Norway 12 Turbines: Siemens 3.0 MW

AdapTech: Kattorp Sweden: Vestas V90

AdapTech: Furulund Sweden: Vestas V90

AdapTech: Bårstad Sweden: Vestas V90

AdapTech: Frotorp Sweden: Vestas V90

AdapTech: Bondegårde Sweden: Vestas V90

AdapTech: Storungs Verk Sweden: Vestas V90

AdapTech: Karstorp Sweden: Vestas V90

AdapTech: Elvingsgården Sweden: Vestas V90

AdapTech: Kilagården Sweden: Vestas V90

AdapTech: Stengrinde Sweden: Vestas V90

AdapTech: St Beddinge Sweden: Vestas V90

AdapTech: Skepared Sweden: Vestas V90

RockAdapter: Östergötland Sweden: Wind World WW50

AdapTech: Kroken Sweden: Vestas V90

AdapTech: Fole Sweden: Vestas V90

RockAdapter: Lista Vindpark Norway :Siemens 2.3 MW

AdapTech: Härjevad Sweden: Vestas V90

AdapTech: Stavhälla Sweden: Vestas V90

RockAdapter: Tolvmansstegen Sweden: Vestas V90

AdapTech: Fåleberg Swden: Gamesa G90

AdapTech: Järnmunderöd Sweden: Vestas V90

AdapTech: Hyringa Swden: Vestas V90

AdapTech: Väby Swden: Vestas V90

AdapTech: Betåsberget Sweden: Vestas V90

AdapTech: Södervidinge Sweden: Vestas V90

AdapTech: Rälling Sweden: Vestas V90

AdapTech: Halmstadgården Sweden: Vestas V90

AdapTech: Sallerup Sweden: Vestas V90

RockAdapter: Hedboberget Sweden: Vestas V90

RockAdapter: Nygårdsfjell II Norway: Siemens 2.3 MW

RockAdapter: Granberget II Sweden: Vestas V90

StarFoundation: Bondöen Sweden: Nordex N90

RockAdapter: Röberget Sweden: Vestas V90

RockAdapter: Fjelberget Sweden: Vestas V90

RockAdapter: Granberget I Sweden: Vestas V90

RockAdapter: Mungseröd Sweden: Vestas NM72

RockAdapter: Aapua Sweden: Vestas NM82

RockAdapter: Narvik Norway: Bonus 2.3 MW

RockAdapter: Åland Sweden: Vestas V47

StarFoundation: Paldiski Estonia: Nordex N90

RockAdapter: Paldiski Estonia: Nordex N90

RockAdapter: Faroe Island: Vestas V47

RockAdapter: Sanhaugen Testfelt: GE Wind 1.5s

StarFoundation: Høvsøre; Nordex 3-4 MW prototype

StarFoundation: Bornholm: Nordex N60

StarFoundation: Vindkraftverk Assmåsa; Tacke TW1.5s

StarFoundation: Filskov Mark: Nordex N60

RockAdapter: Murmansk: Wincon W200

Contact

James He

Business and Production Manager

+86 137 0648 4054

james.he@sinortekchina.com

Stein Egil Bore

Product and Logistics Manager

0047-95783268/+86 137 8066 8131

stein@sinortekchina.com



sinortek.com



info@sinortekchina.com

