WINSTONE GEOTOOLS

FOUNDATION / 2026

FOUNDATION DRILLING TOOLS

TOOLING / CUTTING TOOLS / WEAR PARTS



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PRODUCT GUIDE

Tooling, connected.

From the cutting edge to the connection: specify every interface.



Product and application illustration

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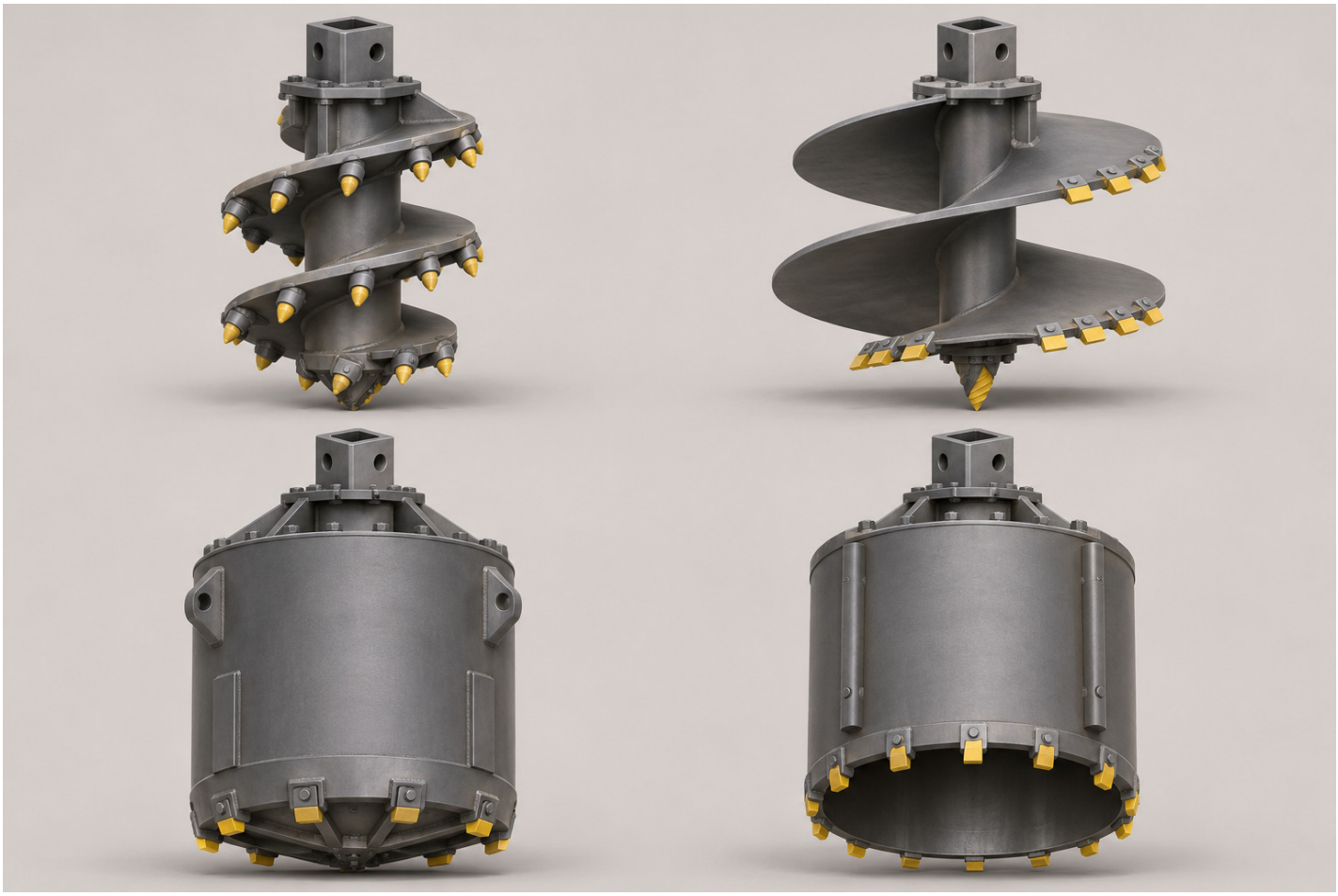
Start with your rig, ground, bore diameter, depth, connection and quantity. RFQ parameters on each product page help you organize the details of your project.

PRODUCT LINE / 01

Rotary Drilling Tools

Cutting and boring tools for different ground conditions.



Product and application illustration

Rock Auger

Point-attack cutting for rock drilling, with straight and conical configurations for different cutting requirements.

Soil Auger

Flights and soil-cutting teeth combine excavation with spoil transport for soil boring.

Drilling Bucket

Soil, rock and cleanout configurations support excavation, spoil collection and bore-bottom cleaning.

Core Barrel

Annular cutting for rock drilling and coring, with tooth and roller-bit configurations.

RFQ inputs: bore diameter/depth, ground, groundwater, rig, torque, Kelly interface and rotation.

PRODUCT LINE / 02

Teeth & Cutting Tools

Cutting edges, mounting interfaces and matched holders.



Product and application illustration

Bullet Teeth

Carbide cutting tips and round-shank mounting work with matched holders for rock and hard-ground cutting.

Flat Teeth

Flat cutting edges for soil excavation, selected by width, mounting angle and retention style.

Welding Bar

Weld-on cutting blocks for drilling-tool cutting edges, configured by position and cutting profile.

Pilot Bit

Central pilot geometry guides entry and positioning, with soil and rock cutting configurations.

RFQ inputs: existing reference, drawing, holder, ground, installation photos, quantity and duty.

PRODUCT LINE / 03

Kelly Bars & Connections

Connecting rotary power to drilling operations.



Product and application illustration

Kelly Bar

Friction and interlocking telescopic designs connect the rotary drive to tooling and transmit torque and crowd force.

Kelly Adapter

Connects Kelly bars and drilling tools through mating geometry selected for fit and load transfer.

Drive Stub

Drive connections transfer torque through square drives, shoulders and pin-hole arrangements.

Kelly Box

Square sockets and locking pins form a tool connection for the matching Kelly drive interface.

RFQ inputs: rig, rotary-drive interface, torque, crowd force, extended/retracted length and drawings.

PRODUCT LINE / 04

Casings & Connections

Bore support, sectional connections and cutting ends.



Product and application illustration

Casing Pipe

Single-wall and double-wall casings support bore walls and drilling operations, selected by diameter and section length.

Casing Shoe

Cutting rings, teeth and holders form the casing cutting end for the ground and casing system.

Casing Joint

Male/female joints and locking components join casing sections for aligned fit and load transfer.

Casing Drive Adapter

Connects rotary drives to casing systems, with manual and automatic locking configurations.

RFQ inputs: ID/OD, wall thickness, length, joint system, working depth, torque and cutting end.

PRODUCT LINE / 05

Auger Components

From sectional flights to continuous flight augers.



Product and application illustration

Auger Flight

Sectional flights for auger fabrication and repair, with right/left-hand geometry, pitch and thickness options.

Auger Extension

Extends auger working reach through matched end connections and retention arrangements.

Auger Bit

Short augers and replaceable heads serve different soil and rock cutting applications.

CFA Auger & Starter

Continuous flights and a hollow passage combine with couplings, starters and concrete injection outlets.

RFQ inputs: OD/ID, pitch, handedness, thickness, length, interface and conveying/injection passage.

PRODUCT LINE / 06

Wear & Maintenance Parts

Cutting, wear protection and maintenance accessories.



Product and application illustration

Cutting Teeth

Cutting teeth for core barrels, casings and other tool positions, paired with matching holders and retainers.

Wear Block & Strip

Wear protection for exposed tool surfaces, shaped for the wear zone and welding requirements.

Weld-on Holder

Round-shank and flat-tooth holders mount cutting teeth with pins, clips or locking components.

Extraction & Pin Tools

Tools for removing teeth and retaining pins during maintenance, matched to tooth and retention geometry.

RFQ inputs: wear location, part/installation photos, tooth type, retention, dimensions and repair conditions.

PRODUCT LINE / 07

Tremie Pipes & Accessories

Accessories for foundation concrete placement.



Product and application illustration

Tremie Pipe

Sectional pipes for concrete placement in foundation works, assembled to the working depth.

Male / Female Joints

Threaded and wire-cable connections work with seals and locking parts as a tremie joint system.

Hopper & Seals

Hoppers guide concrete into the pipe string, with matched outlet connections and sealing accessories.

Handling Accessories

Spanners, lifting caps and support parts assist tremie assembly, handling and site operations.

RFQ inputs: diameter definition, total/section lengths, joint drawings, seals, inspection and packaging.

OUR STORY / WINSTONEGEOTOOLS

Grounded in drilling.

Foundation Drilling Tools & Wear Parts



Facility concept illustration

Every structure above ground begins with work below it. WINSTONEGEOTOOLS starts here: with the details where tooling meets the ground, selection begins with the application, and connections serve the drilling task.

WINSTONE expresses strength and progress. GEO represents the ground and foundation engineering. TOOLS reflects a focus on the tools themselves. From rotary drilling tools and cutting teeth to connections and wear parts, our product families follow the needs of cutting, power transfer and maintenance.

WORKSHOP / CONCEPT

Attention to detail

Workshop panorama / conceptual visualization



Facility concept illustration

Details that shape the tool.

- Material & heat-treatment requirements
- Weld, braze and connection quality
- Dimensions, tolerances and trial fit
- Identification, packing and documents

Clear technical requirements connect materials, joints, dimensions and packaging throughout the product discussion.



Let’s discuss your tooling.

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Please include: product, drawing/photos, rig and interface, ground, quantity and destination.

Application concept illustration.