

Custom Coils & Formed Tube Assemblies

Drawing-based stainless steel and copper coil manufacturing for OEM equipment.

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OEM Custom Coils for Industrial Equipment

Material, geometry, ends and inspection are confirmed against the approved drawing.



01 304 / 316 stainless steel

Material grade is selected for the actual medium and service conditions.

02 Multiple coil geometries

Helical, rectangular, compact, dual-circuit and tank-integrated forms.

03 Drawing-based customization

Tube OD, wall, envelope, connections, tolerances and quantity are reviewed before release.

A tall single-circuit coil for cylindrical layouts

P01

Ø22 Single-Circuit Coil

A large vertical coil shown with support bands, an open center section and straight connection ends.

MATERIAL	304 stainless steel
TUBE	Ø22 × 1.0
CIRCUIT	Single
OVERALL	630 H × 450 W



Dual-circuit options expand routing flexibility



P02

Ø22 Dual-Circuit Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 880 H x 360 W



P03

Ø22 Dual-Circuit Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 660 H x 420 W

Top-connection and compact formats fit tighter assemblies



P04

Ø22 Top-Connection Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 460 H x 220 W



P05

Ø22 Compact Single-Circuit Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 220 H x 300 W

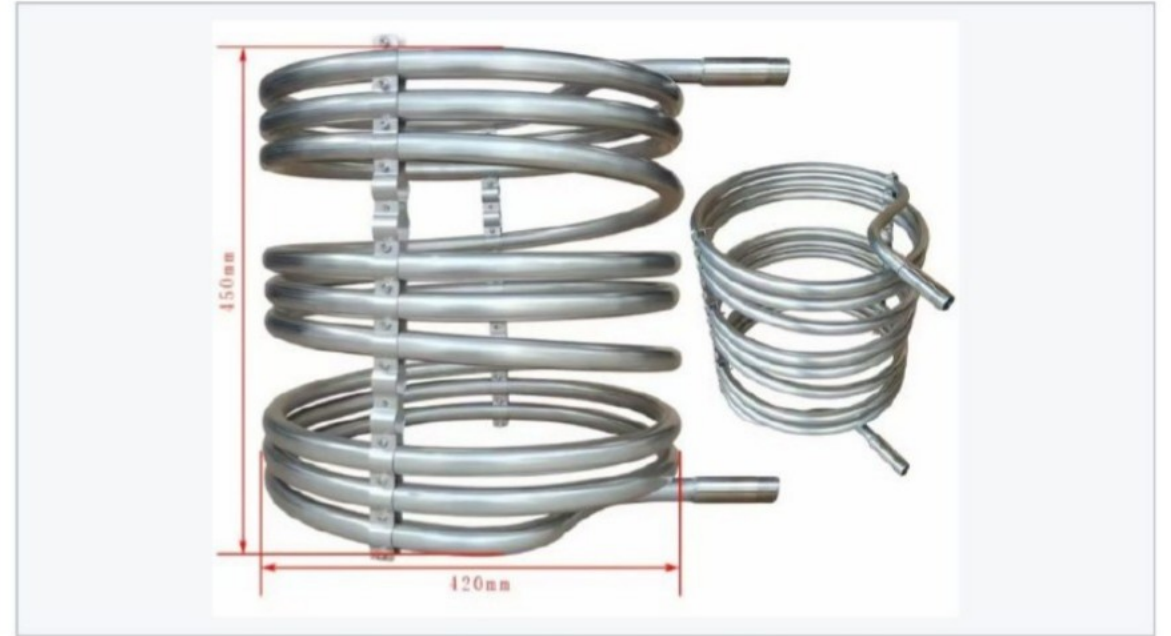
Two Ø22 footprints cover taller and wider equipment



P06

Ø22 Single-Circuit Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 730 H x 350 W



P08

Ø22 Single-Circuit Coil

304 stainless steel | Tube Ø22 x 1.0 | Overall 450 H x 420 W

Precision coils serve compact and tapered geometries



P07

Ø9.52 Compact Coil

304 stainless steel | Tube Ø9.52 x 0.7 | Overall 160 H x 80 W



P09

Ø12 Tapered Coil

304 stainless steel | Tube Ø12 x 0.8 | 260 H, lower Ø80, upper span 120

Custom Coil Assemblies Built Around Your Equipment

Coil geometry, mounting and connection orientation follow the equipment interface.



OEM COIL ASSEMBLIES

Custom stainless coil paths with flange or connection-end integration.



TANK-INTEGRATED COILS

Built around the customer's vessel envelope and mounting requirements.



INTERNAL HELICAL LAYOUTS

Close-up review of coil clearance, pitch and cylindrical routing.

Flexible batch production for custom coil fabrication



STEEL

Round & Rectangular Coils

Stainless steel helical, round and rectangular coils for varied equipment footprints.



CU

Copper Tube Coils

Copper tube coil options with customer-defined geometry and connection layout.

Tank-integrated coils for heating and cooling systems



TANK

Tank-Integrated Coil Assemblies

Stainless steel coil-and-vessel assemblies built to the customer installation envelope.



COIL

Internal Helical Coil Layouts

Close-up inspection of a helical coil installed inside a cylindrical vessel.

Custom coil forms and threaded ends for OEM equipment



RECT

Rectangular Immersion Coils

Rectangular coil geometry with extended tube ends for compact equipment layouts.



ENDS

Threaded-End Helical Coils

Helical coils with threaded ends configured to the drawing, fitting direction and interface.

Rectangular Serpentine Coil Assemblies

Custom flow paths and oriented ends for compact equipment integration.



COMPACT GEOMETRY

Rectangular routing for limited installation envelopes.



EXTENDED ENDS

End lengths and orientation follow the connection drawing.



BATCH PRODUCTION

Repeat forming and inspection for drawing-controlled orders.

Coil Forming and Connection Ends

Bend radius, pitch, end direction and connections are reviewed together.



THREADED ENDS

Thread type, engagement and orientation are drawing-controlled.



HELICAL LAYOUTS

Coil diameter, height, pitch and leg length are confirmed.



EQUIPMENT CLEARANCE

Internal routing is checked against the vessel envelope.

Coiled Tube and Custom Coil Production

Stainless steel or copper material routes for prototypes and repeat production.



STAINLESS COILS

Material grade and surface condition follow the order.



COPPER COILS

Copper tube geometry and end details are made to drawing.



PRODUCTION BATCHES

Quantity, inspection scope and packing are agreed before release.

Compare every supplied configuration at a glance

Use this matrix to shortlist a starting geometry before confirming drawings, connection ends and tolerances.

Ref	Configuration	Material	Tube OD	Wall	Overall size
P01	Single-circuit	304 SS	Ø22	1.0	630 H × 450 W
P02	Dual-circuit	304 SS	Ø22	1.0	880 H × 360 W
P03	Dual-circuit	304 SS	Ø22	1.0	660 H × 420 W
P04	Top-connection	304 SS	Ø22	1.0	460 H × 220 W
P05	Single-circuit	304 SS	Ø22	1.0	220 H × 300 W
P06	Single-circuit	304 SS	Ø22	1.0	730 H × 350 W
P07	Compact	304 SS	Ø9.52	0.7	160 H × 80 W
P08	Single-circuit	304 SS	Ø22	1.0	450 H × 420 W
P09	Tapered	304 SS	Ø12	0.8	260 H; lower Ø80; upper 120

A complete RFQ starts with six essential inputs

Non-standard customization is available for coil geometry, tube size, overall dimensions, circuit layout and connection ends.

01 Material grade

Confirm 304 stainless steel or your required grade.

02 Tube specification

State tube outside diameter and wall thickness.

03 Overall dimensions

Provide height, diameter or width, and space limits.

04 Circuit and coil geometry

Round, rectangular, racetrack, helical, single or dual circuit.

05 Connection details

Show end direction, length, fitting or thread requirements.

06 Commercial inputs

Add quantity, application notes, drawing and target delivery.

Catalog dimensions are based on supplied reference images. Confirm final drawings, tolerances and connection details before production.

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PRODUCT INQUIRY

Send your drawing.

Share your required geometry, tube size, dimensions, circuit layout and connection ends for a non-standard design.

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