



20⁺ years

**Professional Casting, CNC Machining,
Forging of Titanium alloy, Superalloy,
Brass Products**



QINGDAO O.B.T CO.,LTD.



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OBT Group has specialized in the production of casting, CNC machining, forging titanium alloy, superalloy, brass products and one-stop technical solutions for more than 20 years.

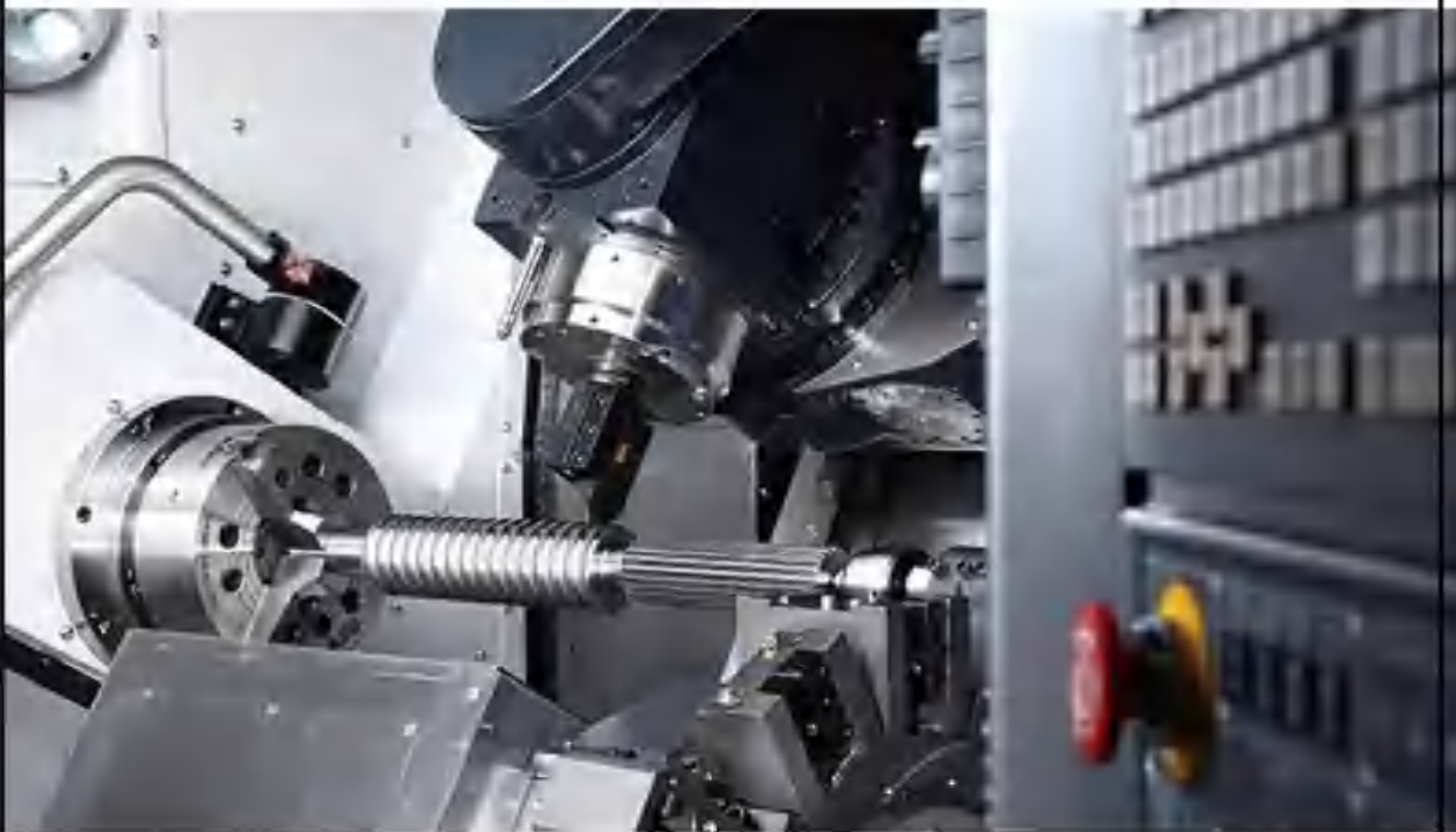
OBT focus is on high-end alloy material products for various industries such as aerospace, power plants, medical, automotive, oil and chemical industry, marine, etc.

For example, turbine components for gas turbines, steam turbines, and various engine turbocharger accessories, such as turbines, blades, turbine discs, turbine nozzle, and guide vanes. Whether it's engine components operating in extreme high-temperature environments or corrosion-resistant equipment required in the chemical industry, we can provide reliable solutions.

As a company with rich manufacturing experience, we have advanced production equipment such as Vacuum Casting Furnace, Creep Endurance Tester, Steam Dewaxing Furnace, Five-Axis Machining Center, Computer Numerical Control (CNC) Machine Tool, Tensile Testing Machine, Coordinate Measuring Machine (CMM), SPECTRO Spectrometer, etc. This allows us to control the precision within 0.004mm.

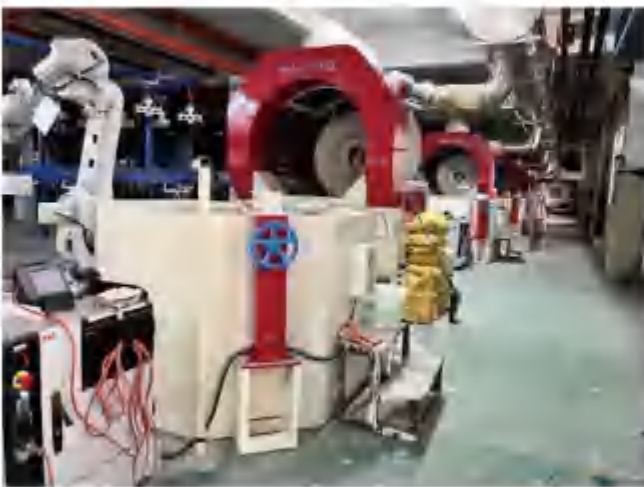
We have established close partnerships with renowned global suppliers to ensure that our products always meet the highest quality standards. Our best products and services have been successfully sold to more than 40 countries and markets such as the United States, Canada, Europe (France, United Kingdom, Germany, Sweden, Italy, Poland), Russia, Australia, South America, Southeast Asia, Japan and South Korea. Widely praised by customers. We have expanded the global market to more than 382 customers, including distributors and end users.

We prioritize customer needs and satisfaction by providing fast delivery, flexible order processing, and excellent after-sales service to establish long-term partnerships. We continuously strive to enhance our competitiveness and provide customers with excellent products and solutions through innovation and continuous improvement.



Manufacturing Equipment





Testing Facilities



Coordinate Measuring Machine



Creep Endurance Testing Machine



X-Ray



Tensile Testing Machine



SPECTRO Spectrometer

PREVIOUSLY COOPERATED BRANDS:

Honeywell

RA **Rockwell
Automation**

Iwatani

CLAAS



SIEMENS

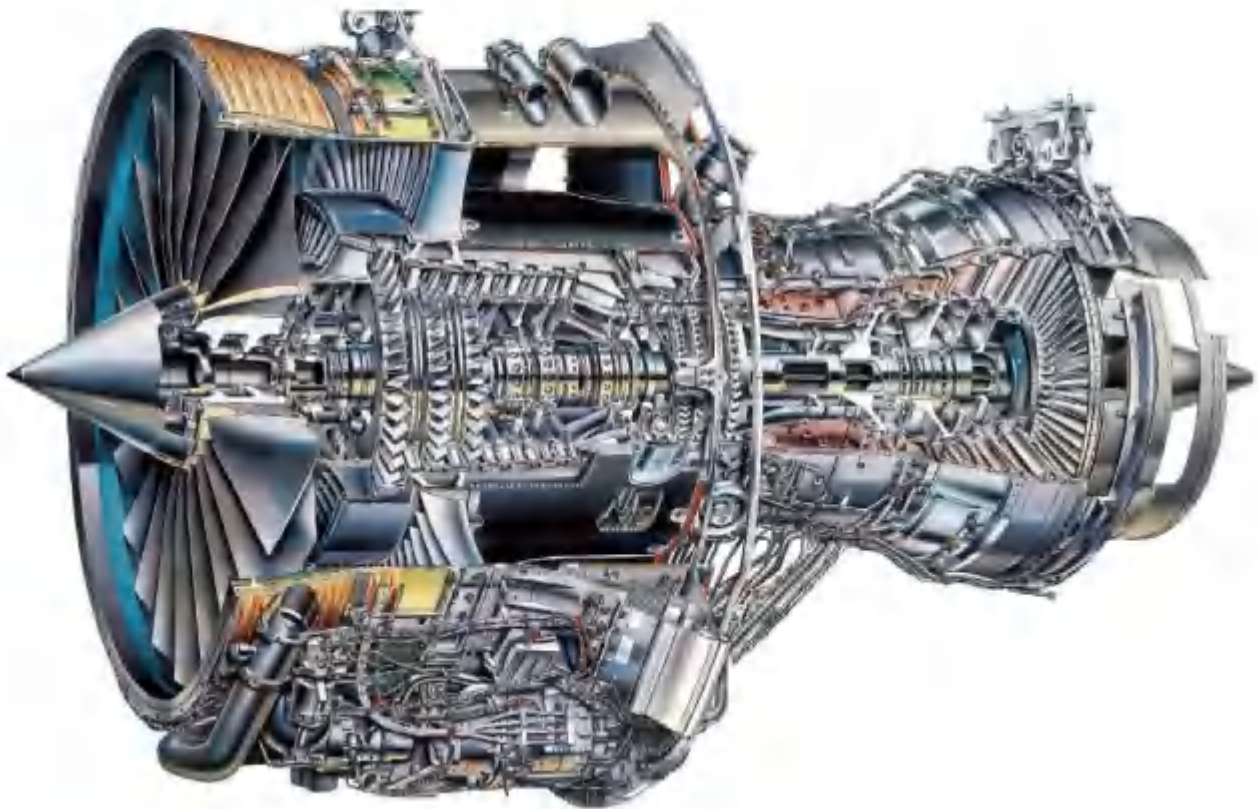


WHY CHOOSE US

- 20+ OEM/ODM Casting, CNC Machining and Forging
- Accuracy 0.004mm
- SGS, ISO, CE, TUV Certificates
- Smooth surface roughness is Ra0.6
- Titanium Alloy, Superalloy, Brass, etc

DIRECTORY

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Turbine & Turbine Blade

Turbines and turbine blades are used in a wide variety of industries including steam turbine, gas turbine, aerospace, energy, marine industry, power plant and industrial.

Material:

Superalloy:

Inconel 718, Inconel 625, Inconel 738Lc, Inconel 597, Alloy A286, Fsx414, Hastelloy X, Hastelloy B, Hastelloy B-2, Hastelloy C, Hastelloy C-22, Hastelloy C276, Hastelloy C-2000, Hastelloy C-4, Hastelloy B-3, Hastelloy G-30, Hastelloy G-35, René 41, Waspaloy, Nimonic 80A, Haynes 25, Haynes 188, Haynes 230, Haynes 230, Incoloy 800, Incoloy 825, Incoloy 901, Incoloy 907, Incoloy 909, etc.

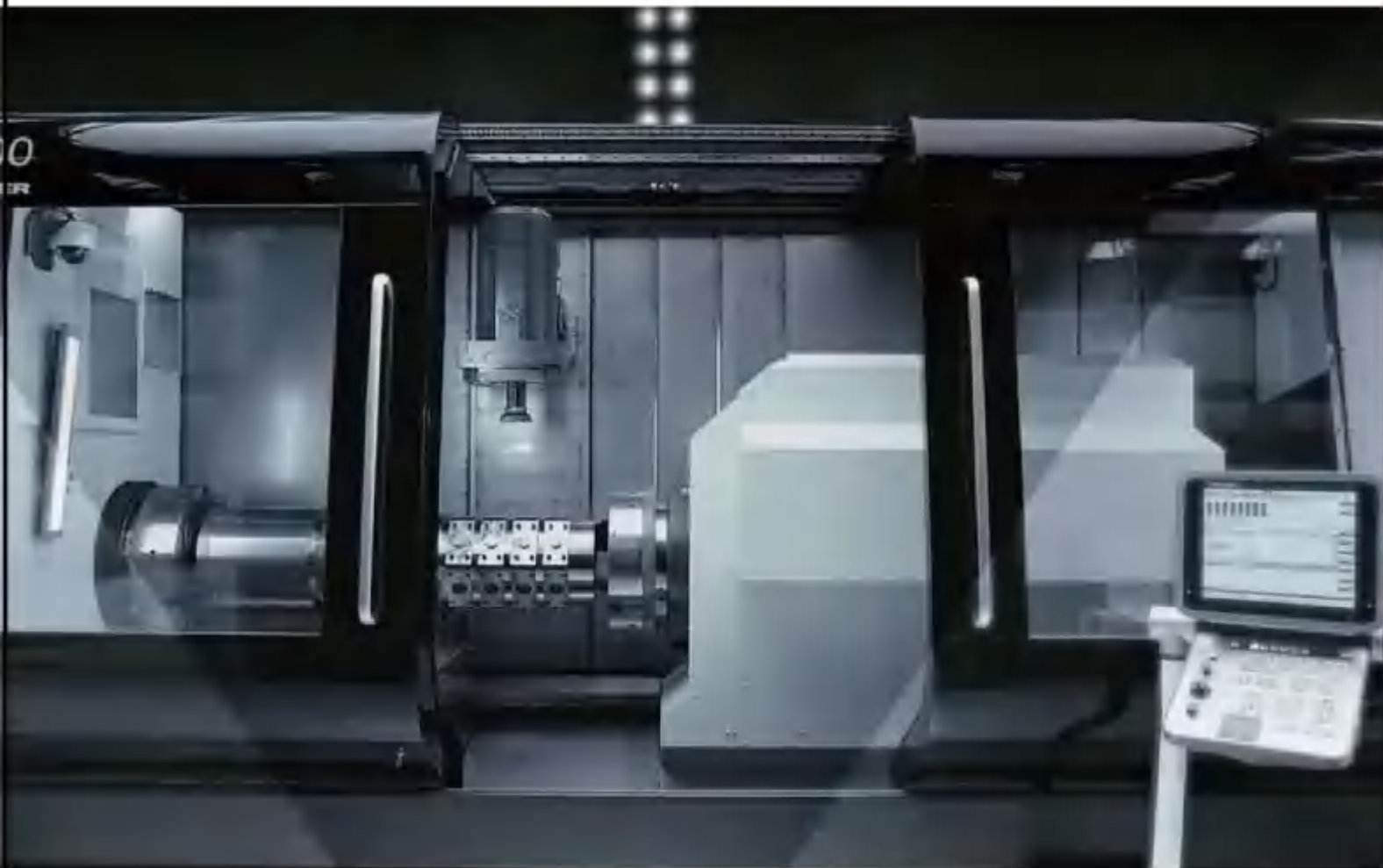
Titanium alloy:

Ti-6Al-4V, Ti-6Al-2Sn-4Zr-2Mo, Ti-6Al-2Sn-4Zr-6Mo, etc.

Aluminum alloy:

Common aluminum alloy materials include 6061, 7075, etc.



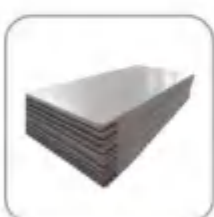
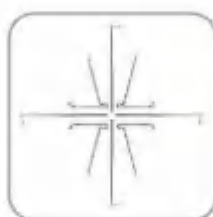
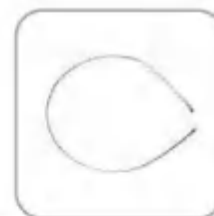


Titanium Alloy

Titanium alloys are mainly used in: aerospace industry, medical equipment, chemical industry, automobile industry, oil and gas industry, marine industry, electronic equipment, diving equipment, and other fields.

China		U.S.	
TAD	Titanium Iodide	Grade1	No. 1 Pure Titanium
TA1	Industrial Pure Titanium	Grade2	No.2 Pure Titanium
TA2	Industrial Pure Titanium	Grade3	No. 3 Pure Titanium
TA3	Industrial Pure Titanium	Grade4	No. 4 Pure Titanium
TA4	Ti-3Al	Grade5	Ti-6Al-4V
TA5	Ti-4Al-0.005B	Grade6	Ti-5Al-2.5V
TA6	Ti-5Al	Grade7	Ti-0.2Pd
TA7	Ti-5Al-2.5Sn	Grade9	Ti-3Al-2.5V
TA8	Ti-5Al-2.5Sn-3Cu-1.5Zr	Grade10	Ti-11.5Mo-4.5Sn-6Zr
TC1	Ti-2Al-1.5Mn	Grade1	Ti-0.2Pd

China		U.S.	
TC2	Ti-3Al-1.5Mn	Grade2	Ti-0.3Mo-0.75Ni
TC3	Ti-4Al-4V	A-1	Ti-5Al-2.5Sn
TC4	Ti-6Al-4V	A-3	Ti-6Al-2Nb-1Ta
TC6	Ti-6Al-1.5Cr-2.5Mo-0.5Fe-0.3Si	A-4	Ti-8Al-1Mo-1V
TC7	Ti-6Al-0.6Cr-0.4Fe-0.4Si-0.01B	AB-1	Ti-6Al-4V
TC9	Ti-6.5Al-3.5Mo-2.5Sn-0.3Si	AB-3	Ti6Al-6V-2Sn
TC10	Ti-6Al-6V-2Sn-0.5Cu-0.5Fe	AB-4	Ti-6Al-2Sn-4Zr-2Mo
TC11	Ti-6Al-3.5Mo-1.5Zr-0.3Si	AB-5	Ti-3Al-2.5V
TB2	Ti-5Mo-5V-3Cr-3Al	B-1	Ti-3Al-13V-11Cr



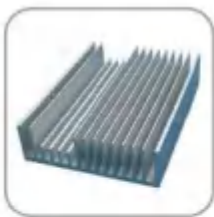


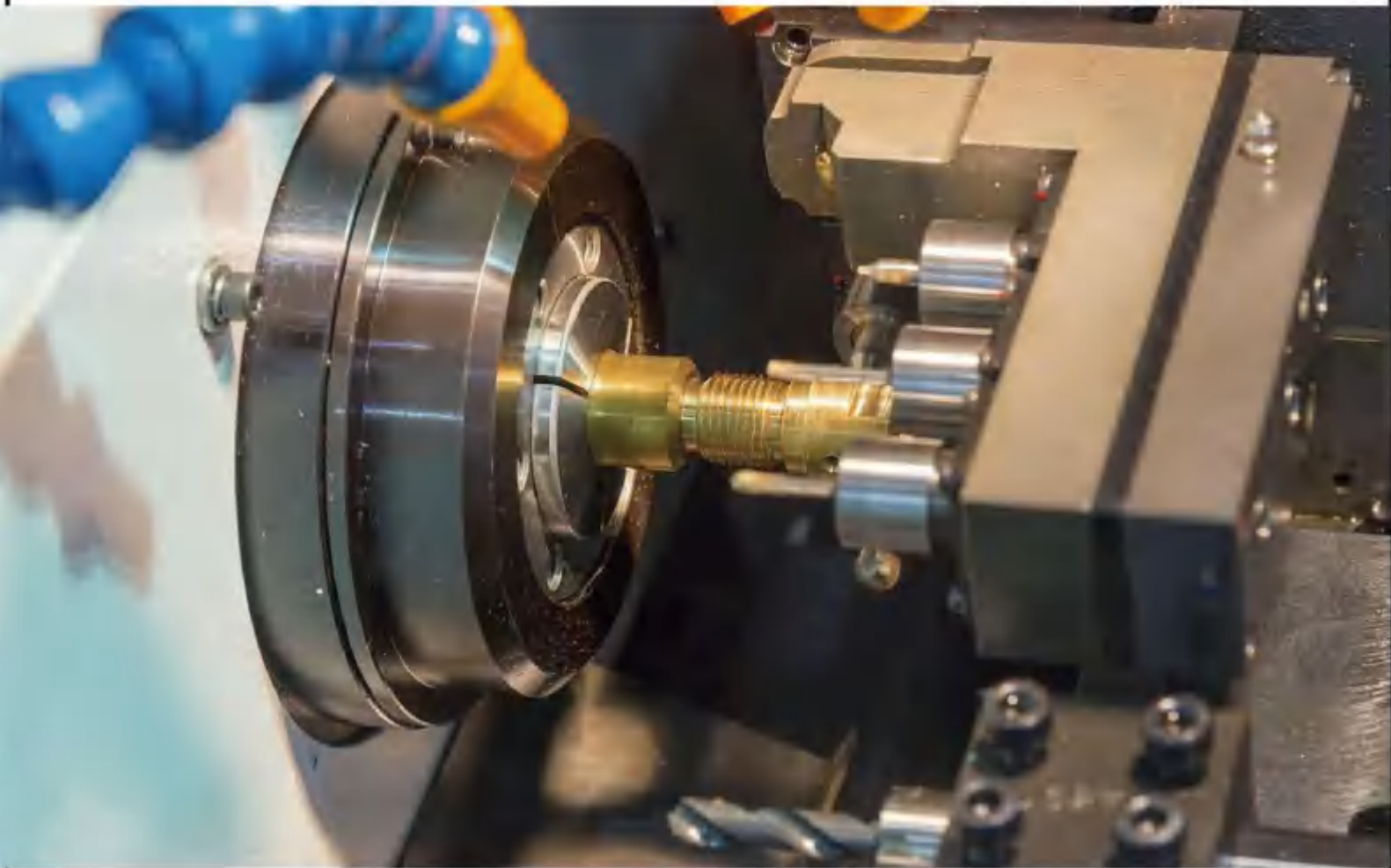
Superalloy

Superalloys are mainly used in: aerospace industry, oil and chemical industry, energy industry, automobile industry, marine industry, etc.

1	GB	UNS	SEW VDIUV
Incoloy 800	NS111	N08800	W.Nr.1.4876 X10NiCrAlTi3220
Incoloy 800H	NS112	N08810	W.Nr.1.4958 X5 NiCrAlTi 31-20
Incoloy 800HT		N08811	W.Nr.1.4959* X 8 NiCrAlTi 32-21
Incoloy 825	NS142	N08825	W.Nr.2.4858 NiCr21Mo
Inconel 600	NS312	N06600	W.Nr.2.4816 NiCr 5Fe
Inconel 601	NS313	N06601	W.Nr.2.4851 NiCr23Fe
Inconel 625	NS336	N06625	W.Nr.2.4856 NiCr22Mo9Nb
Inconel 718	GH4169	N07718	W.Nr.2.4668 NiCr19Fe19Nb5Mo3
Incoloy 926		N08926	W.Nr.1.4529 X1NiCrMoCu
Inconel X-750	GH4145	N07750	W.Nr.2.4669 NiCr15Fe7TiAl

Monel 400		N04400	W.Nr.2.4360 NiCu30Fe
Hastelloy B	Ns321	N10001	
Hastelloy B-2	NS322	N10665	W.Nr.2.4617 NiMo28
Hastelloy C	NS333		
Hastelloy C-22		N06022	W.Nr.2.4602
Hastelloy C276	NS334	N10276	W.Nr.2.4819 NiMo16Cr15W
254SMO		S31254	W.Nr.1.4547
904L		N08904	W.Nr.1.4539
GH1140	GH1140		
GH2132	GH2132	S66286	W.Nr.1.4890
GH3030	GH3030		
GH3044	GH3044		
GH3128	GH3128		
Carpenter 20	NS143	N08020	W.Nr.2.4660 NiCr20CuMo
Alloy31		N08031	W.Nr.1.4562 X1NiCrMoCu32-28-7
Invar 36		K93600	W.Nr.1.3912 Ni36





Brass & Stainless Steel

Brass & Stainless Steel is widely used in: electronics and electrical industry, building and construction engineering, automobile industry, refrigeration and air conditioning industry, chemical industry, medical industry, food processing industry, marine industry, etc.

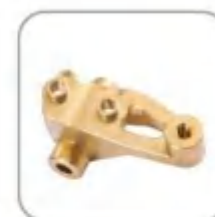
Material:

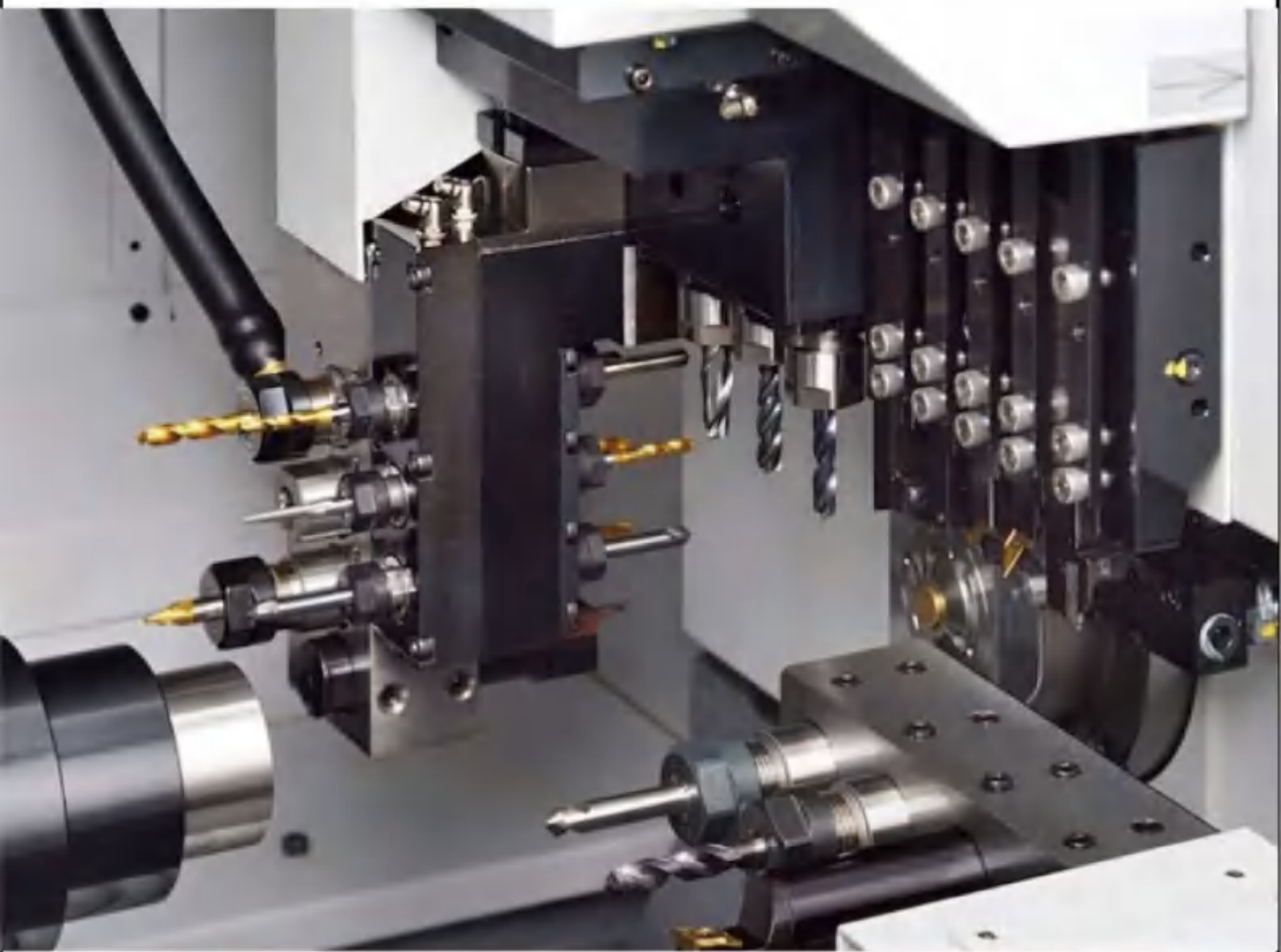
Brass:

C26000, C28000, C36000, C44300, C46400, etc.

Stainless Steel:

Stainless Steel 304, Stainless Steel 316, Stainless Steel 430, Stainless Steel 201, Stainless Steel 410, etc.





CNC Precision Automatic Lathe Parts

Solenoid Valves Parts



JL-31B



Stainless Steel 304



JL-31B

Parts For Engine, Turbocharger



Nimonic 80A



Inconel 713



ALLOY A286



316L



Inconel 600



316L



HK30



Inconel 718

Titanium Alloy, Stainless Steel Parts



40CR HR(42)



316Ti



Stainless Steel 304



Stainless Steel 630

5G 6G Communication Kovar Alloy



(KOVAR)4i29



(KOVAR)4i29



(KOVAR)4i29



(KOVAR)4i29



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