Shanghai Long-Zhe Trading

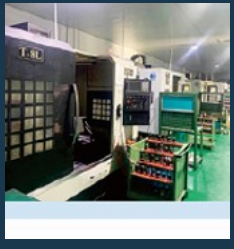
Manufacturing & Trading



1 Material Supply

Alloy bars | LRQA-certified QMS

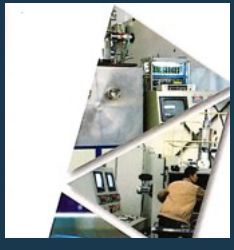
1.1 Supply & Quality Assurance
1.2 Grades & Standards
02-03



2 Custom Machining

Small batches. High precision.

2.1 Services & Strengths
2.2 Equipment & Inspection
04-05



3 Electron Beam Welding

Low distortion. Deep penetration.

3.1 Services & Process Benefits
3.2 Equipment & Quality Control
06-07

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1 Material Supply

ALLOY BAR SUPPLIER

1.1 Supply & Quality Assurance

Specialty alloy bars for high-temperature service, corrosion resistance and precision engineering.

ISO 9001:2015

Certified by LRQA

PED quality system approval



Vacuum induction melting



Forging equipment



Metallographic examination



Spectrometric analysis

1 Material Supply

ALLOY BAR SUPPLIER

1.2 Grades & Standards

Grade / UNS	Bar Specifications
High-Temperature Alloys	
A-286 / S66286	ASTM A638 / ASME SA-638
Alloy 75 / N06075	BS 2HR 5
Alloy 625 / N06625	ASTM B446 / ASME SB-446
Alloy 600 / N06600	ASTM B166 / ASME SB-166
Alloy 80A / N07080	ASTM B637 / ASME SB-637
Alloy 718 / N07718	ASTM B637 / ASME SB-637
Corrosion-Resistant Alloys	
Alloy 800 / N08800	ASTM B408 / ASME SB-408
Alloy 825 / N08825	ASTM B425 / ASME SB-425
Alloy B / N10001	ASTM B335 / ASME SB-335
Alloy C-276 / N10276	ASTM B574 / ASME SB-574
Alloy 400 / N04400	ASTM B164 / ASME SB-164
Precision Alloys	
Alloy 36 / K93600	AMS-I-23011C, Class 7
Cobalt-Base Alloys	
Alloy 188 / R30188	AMS 5772
L605 / R30605	AMS 5759
More Materials	

For other grades or standards, please contact us.

2 Custom Machining

PRECISION MACHINING PARTNER

2.1 Services & Strengths



We machine to your drawings using turning, milling, grinding, wire EDM and five-axis machining.

Small Batches & Prototypes

Custom machining for prototypes and small production runs.

High-Precision Machining

Processes and fixturing tailored to your material, part geometry and tolerances.

Dimensional Inspection

Critical dimensions checked against your drawings, with inspection records available.

IATF 16949:2016

Quality management system certification

2 Custom Machining

PRECISION MACHINING PARTNER

2.2 Equipment & Inspection



CNC machining center



CNC lathe



Five-axis machining center



Grinding machine



Wire EDM machine

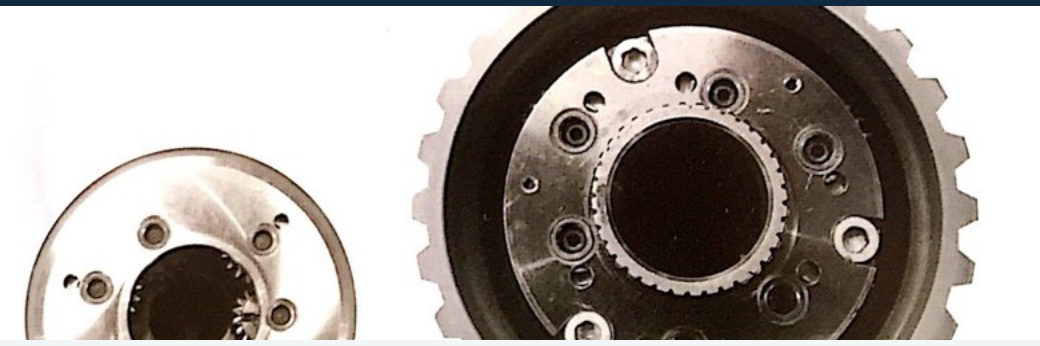


CMM inspection

3 Electron Beam Welding

SPECIALIST WELDING SERVICES

3.1 Services & Process Benefits



Electron beam welding for custom components.

Compared with Conventional Arc Welding

01 Less Distortion, Better Dimensional Control

Concentrated heat input helps minimize distortion and maintain dimensional accuracy.

02 Deep, Narrow Welds

Deep penetration allows fewer passes on suitable joints, reducing total heat input.

03 Reduced Oxidation and Contamination

Welding under vacuum helps protect the weld from oxidation and atmospheric contamination.

3 Electron Beam Welding

SPECIALIST WELDING SERVICES

3.2 Equipment & Quality Control

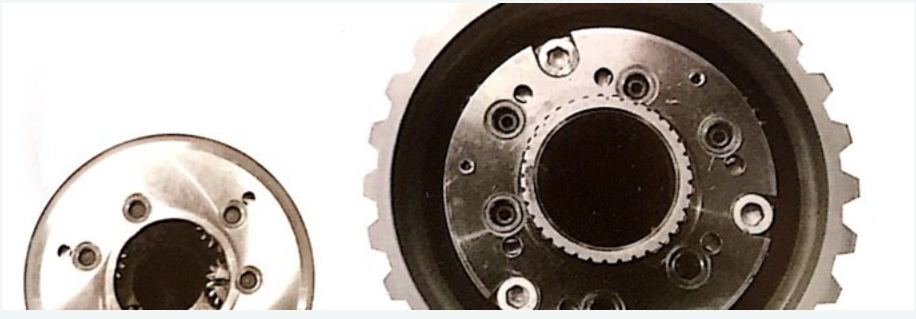


Electron beam welding equipment

Material and joint design review

Welding trials and process validation

Inspection against project specifications



Electron-beam-welded components

Thank You

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