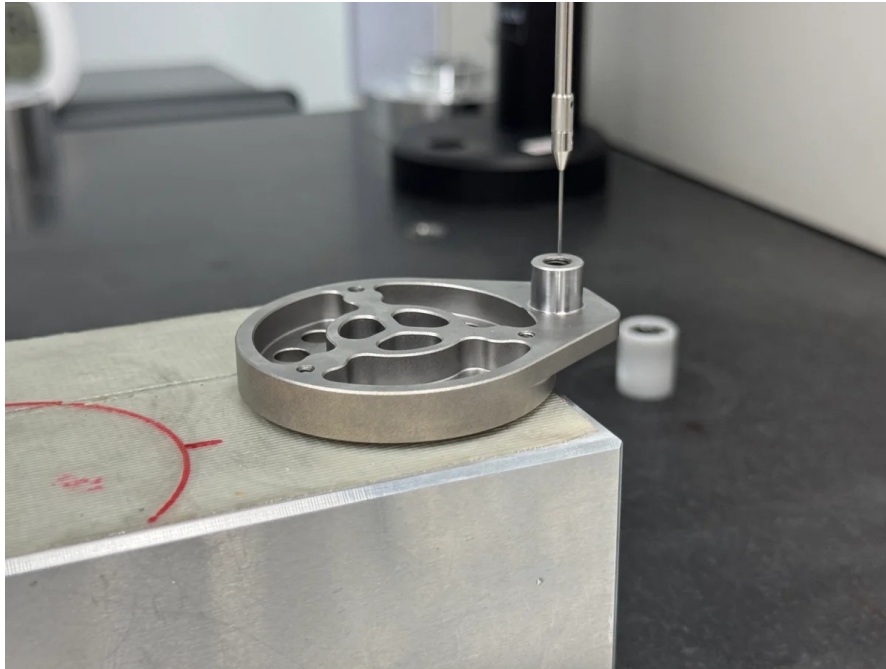


Quality control, documented against your drawing.

CNC milling, turning and Swiss-type machining, supported by in-house inspection and project-specific records.



PEOPLE & MEASUREMENT RESOURCES

2 ZEISS CMMs. 4 height gauges. Vision and roughness measurement.

Li Liangliang, Quality Director, manages overall quality planning. He brings 10 years of quality management experience, proficiency with inspection tools and a strong understanding of machining processes.

ADDITIONAL REPORTS

Additional reports, including full-dimensional reports, are charged only for the personnel time required to record results and prepare the documentation. Allow up to approximately one additional day for this reporting work.

Scope and delivery date are confirmed during quotation. External testing and specialist-process schedules are quoted separately.

Certification status: OUJI is not currently ISO 9001 certified.

A part, its drawing and a measured result.

7075-T6 aluminum robot gearbox planet carrier. Three selected characteristics from the published ZEISS CMM record are shown below.



SELECTED 3 OF 9 CHARACTERISTICS / ALL VALUES IN MM

Characteristic	Upper limit	Measured
Cylindricity	0.0100	0.0019
Perpendicularity	0.0100	0.0013
Coaxiality	0.0150	0.0015

All 9 characteristics in the published report are within their stated limits. These results apply to the inspected part and do not establish full-batch inspection coverage or statistical process capability.

View the drawing and original record in the full case study:

[ouji-tech.com / Case studies / 7075-T6 planet carrier](#)

What inspection records contain.

Finished-part inspection record

A separate, redacted record example. This is not the planet-carrier CMM report.

序号	检验项目	要求	检验工具	实测数据					判定结果
1	φ10	-0.006 -0.014	CMM	9.990	9.992	9.988	9.990	9.991	OK
2	6/a.01		CMM	0.008	0.0092	0.0086	0.0091	0.0078	OK
3	φφ0.06C		CMM	0.0063	0.0086	0.0072	0.0108	0.0093	OK
4	ME	J9	螺丝	OK	OK	OK	OK	OK	OK
5	71.75		VC	71.74	71.75	71.73	71.76	71.75	OK
6	1.05	±0.02	HG	1.06	1.04	1.05	1.05	1.04	OK
7	9.75	±0.1	P	9.748	9.758	9.736	9.761	9.752	OK
8	8.8	-0.05	HG	8.78	8.78	8.79	8.78	8.75	OK
9	φ4	+0.012 0	PG	通过OK	通过OK	通过OK	通过OK	通过OK	OK
10	1/0.05A		CMM	0.0087	0.0085	0.0068	0.0073	0.0061	OK
11	φ50.40	±0.1	VC	50.41	50.42	50.42	50.41	50.42	OK
12	1.05	±0.02	HG	1.04	1.05	1.06	1.05	1.05	OK
13	1/0.05 A		CMM	0.0065	0.0073	0.0075	0.0068	0.0067	OK
14	外观		E	OK	OK	OK	OK	OK	OK
15									

READ THE RECORD

The excerpt retains the inspection items, requirements, instrument codes, measured results and recorded disposition. Customer and part identifiers, document numbers and signatures are excluded.

The measurements remain in the original photographed handwriting. No handwritten values have been reconstructed or reassigned to another part.

CONFIRM BEFORE PRODUCTION

Tell us which dimensions to report, the sample or inspection scope, the customer report format and the required submission date.

Material documentation, agreed for your order.

Historical material certificate example - 39NiCrMo3 steel, issued in 2019. It illustrates document fields and is not evidence for a current material batch.



宝山钢铁股份有限公司
BAOSHAN IRON & STEEL CO., LTD.

产品质量证明书
INSPECTION CERTIFICATE

上海市宝山区富锦路 885 号 邮编 201900
No. 885 Fujin Road, BAOSHAN DISTRICT
201900 SHANGHAI, P. R. CHINA
TEL (021) 26649104
FAX (021) 26649104

制造厂: 宝钢分公司
Manufacturer: BAOSTEELBRANCH

标准 SPECIFICATION				39NiCrMo3												客户订单编号 CUSTOMER ORDER No																
																签发日期 DATE OF ISSUE				2019/09/22				交货日期								
																许可证号 LICENSE No.																
序号 No	炉号 HEAT	坯号 SLAB	规格及重量 MATERIAL DESCRIPTION				化学成分 CHEMICAL COMPOSITION %												拉伸试验 TENSILE TEST				低倍组织 #01	硫印 #02	非金属夹杂 #03	冲击试验 IMPACT TEST					硬度 HBW	
			直径 DIAMETER	长度 LENGTH	件数 QTY	重量 N. W. (kg)	C	Si	Mn	P	S	Cr	Ni	Mo	屈服 Y. S.	抗拉 T. S.	伸长 δ	断面 缩率 RA%	1	2	3	4				平均						
			mm	mm													Mpa	EL%														
1			φ280	6000		5815	0.39	0.20	0.65	0.025	0.025	0.80	1.65	0.22				835	980	12	55									269		
合计 Total			0				5815.00																									
备注 REMARKS																																
注释 NOTES			Y. S. = YIELD STRENGTH *01: MACROSCOPE;				T. S. = TENSILE STRENGTH *02: SULFUR PRINT;				EL = ELONGATION *03: NONMETALLIC IMPURITY;				R. A. = REDUCTION OF AREA *04: AVERAGE N. W. G NET WEIGHT																	
会验者 SURVEYOR-TO			本产品已按上述要求进行制造和检验, 其结果符合要求, 特此证明。 WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION.																													

Customer and purchasing identifiers, selected traceability identifiers and the signature have been redacted. Original material and test fields remain visible. This example is not a claim of EN 10204 3.1 certification.

INCLUDE WITH YOUR RFQ

Drawing revision and critical features; material grade and quantity; final finish; certificate type and traceability requirements; required delivery date.

The depth of material, inspection and shipment traceability is confirmed for each project.