



*When*  
SLIDING  

---

*becomes a*  
PLEASURE  

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“DongGuan City Feng Heng Zipper Co., Ltd. is a modern trading and manufacturing enterprise located in Mainland China.”



## HIGH-TECH MANUFACTURING . THE NEW MEANING OF MADE-IN-CHINA

Asian nations will be the largest consumers of luxury goods by 2015. China grew rapidly in the past few decades and so did the manufacturing industry. Gain of trust on behalf of foreign and domestic consumers changed the "Made in China" perception.

Well-established international brands now see China as a reality where to create and expand new business. Chinese manufacturers have evolved towards automation in high skilled sectors such as technology and fashion. OOK zippers represent this major shift in the global trend being synonymous of modernity, efficiency and attention to details. The company's key drivers are innovation, quality standards, expertise and technology.

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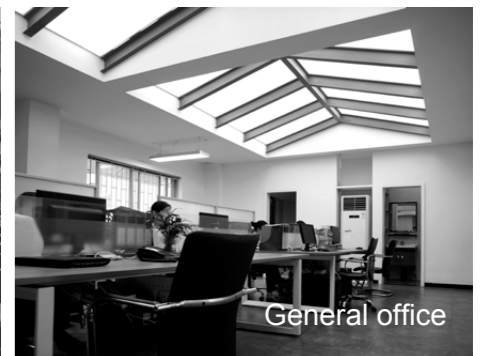
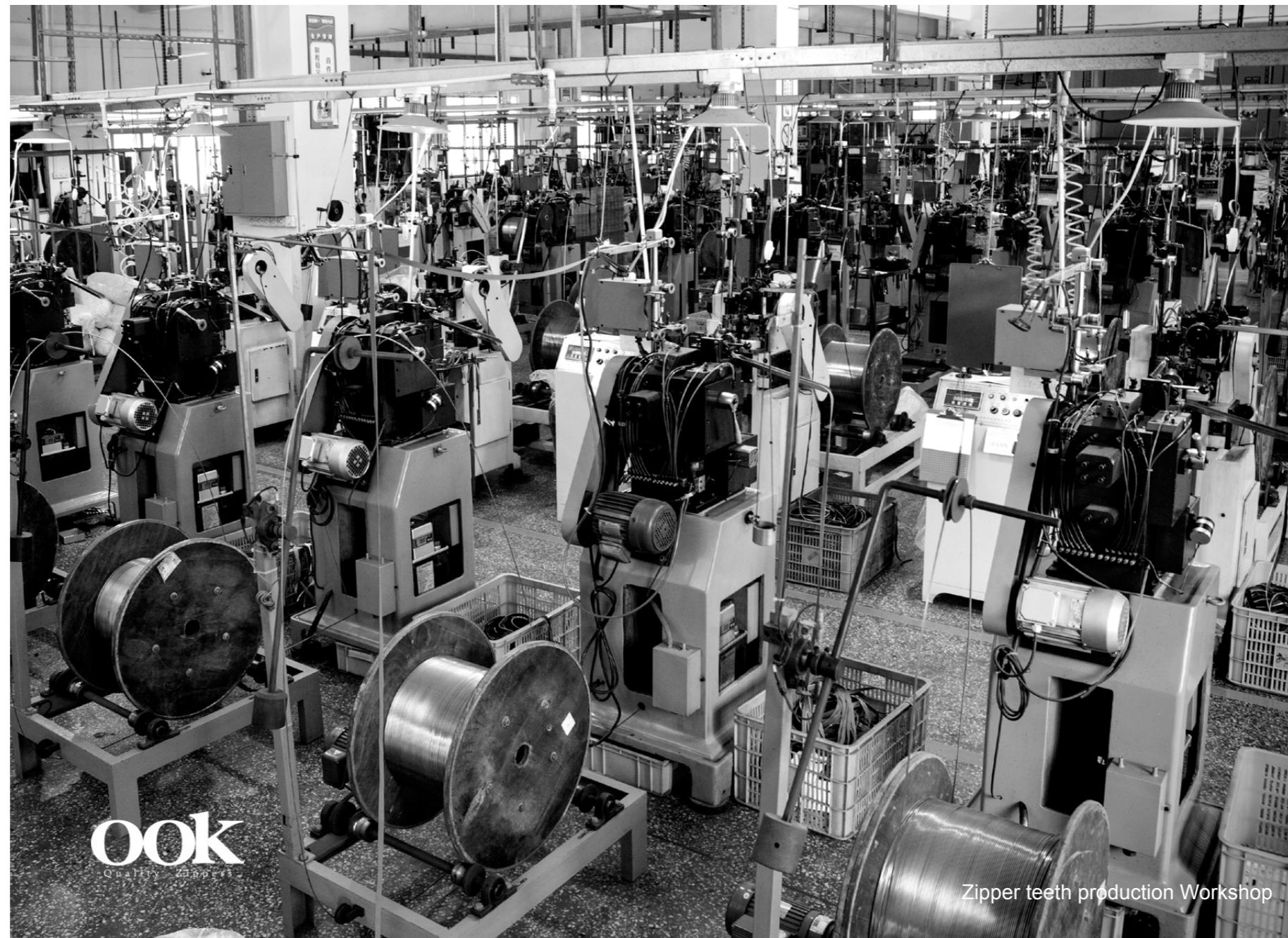
Test Report

5

Services

## Company Introduction

DETAILS MATTER:  
HOW LITTLE  
THINGS ADD UP



General office



Tape production Workshop



Zipper teeth production Workshop

CNC Molding Workshop

Since 2007 OOK Zippers has been supplying high quality zippers to a wide range of international clients. Great effort has been put in research and development with core focus on non-oxidative, nickel free products which are in line with European and US standards, Japanese Keiki requirements, REACH 84, etc.

The company also offers a high level of customization to customers including specific color requests, unique pullers and laser personalization. Our production facility is situated in Dongguan P.R.C. conveniently located near our Hong Kong head office. Production capacity is growing rapidly but organically without overlooking any of the aspects that could penalize quality on mass scale production. The company is committed to give the best possible experience to the end user and by doing so create a real value added accessory that is much appreciated by it's partners and clients.

# Production Facilities

## MOULD WORKSHOP



▲ CNC Molding Workshop



◀ Numerical Control Workshop



## STRIVING TO CREATE VALUE ADDED PRODUCTS

The key to a smooth and high performance zipper lies in the assembling process. OOK skillfully handcrafts it to ensure every inch of the zipper will perform at its best. We master the art of detail and combine it with technology, industry and workmanship.

## Molds Manufacturing

To achieve the best possible result we use Swiss +GF+ professional cutting machines. Each produced piece reaches a high level of precision with tolerance within 3UM.



### Striking needle

1

Step 1  
Mold Casting



2

Step 2  
Precision tooling



3

Step 3  
Projector quality inspection

### Striking needle production process

The striking needle is an essential tool for zipper manufacturing. The entire manufacturing process is rigorously controlled. Handle, body and point are engineered and constantly checked. A standard striking needle is obtained by a process of continuous inspection feedback and correction.



### Copper mold casting

1

Step 1  
CNC precision engraving



2

Step 2  
Coarse and fine grinding



3

Step 3  
Projector quality inspection



### Mold copper casting process

A central part of this process relies on the CNC machine input. Data and graphic inputs are carefully loaded onto our CNC machines digital display screens. Our technicians select the correct tools and CAM specs. The copper mold is carefully clamped onto the CNC machine-tooling table where step grinding is performed. Projector quality inspection after tooling assures that piece will couple perfectly with a standard needle.



### Zipper mold

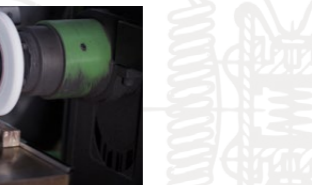
1

Step 1  
CNC line tooling



2

Step 2  
Coarse and fine grinding



3

Step 3  
Projector quality inspection



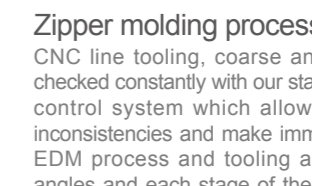
4

Step 4  
Mirror surface - EDM process



5

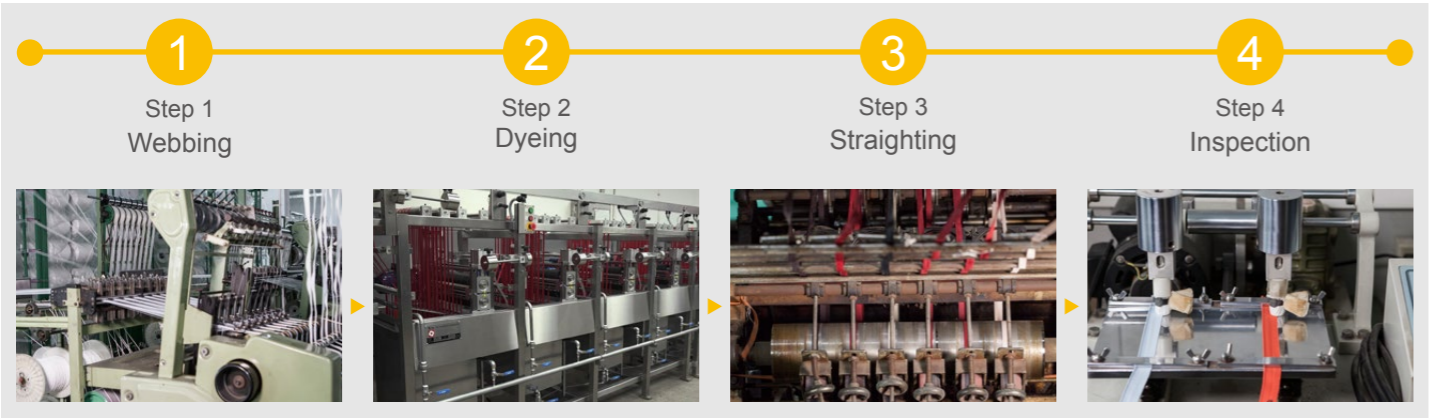
Step 5  
Second projector quality inspection



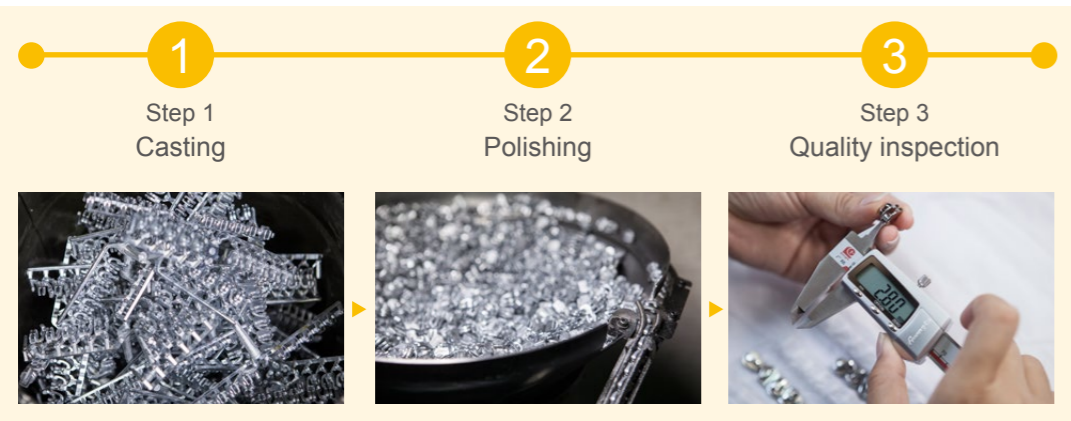
### Zipper molding process

CNC line tooling, coarse and fine grinding are checked constantly with our state of the art projector control system which allows us to detect any inconsistencies and make immediate rectifications. EDM process and tooling are done to specific angles and each stage of the process is checked and eventually corrected by a second projector inspection. The zipper mold process is complete only once this final test is passed and the data from the projector inspection is fully analyzed.

TAPE WORKSHOP



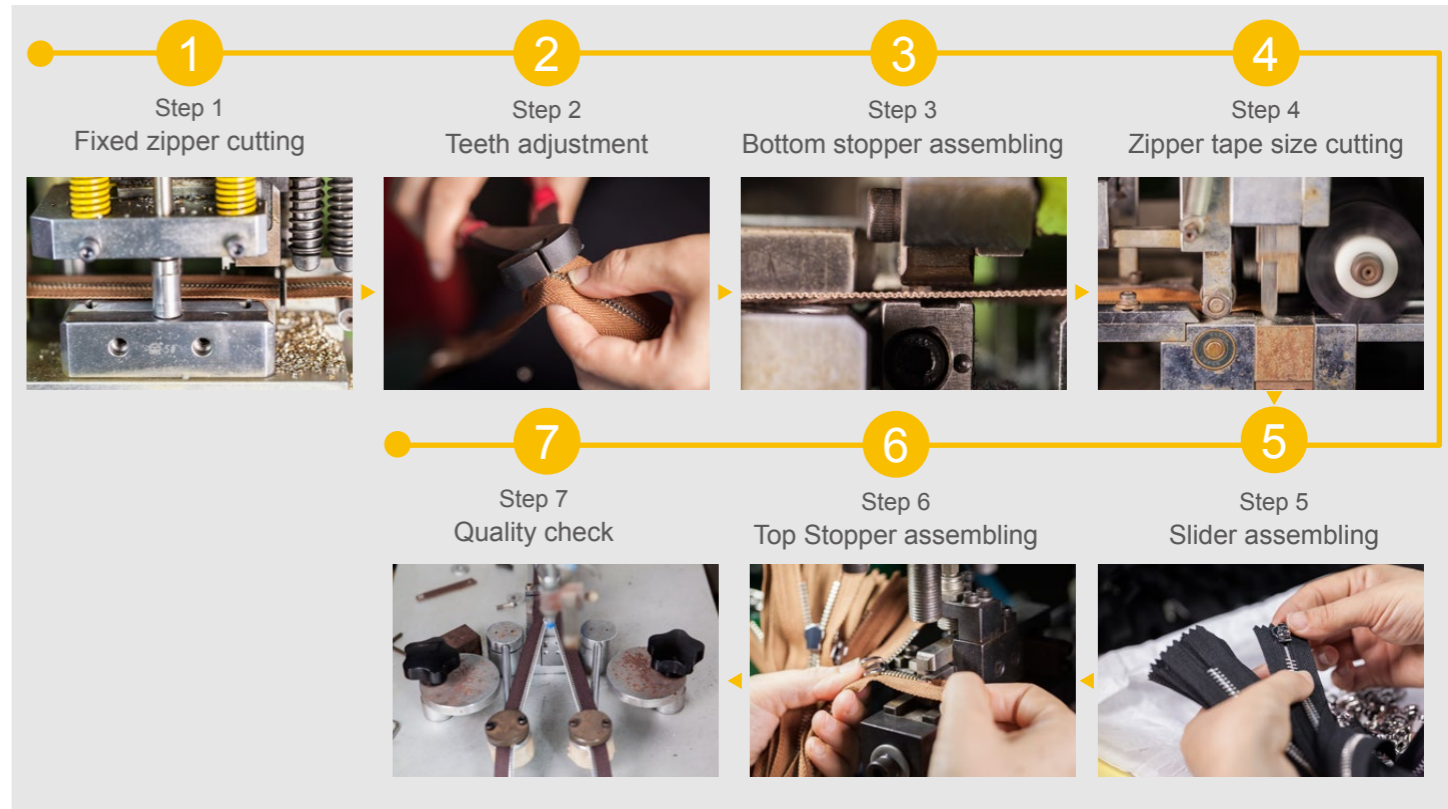
SLIDER WORKSHOP



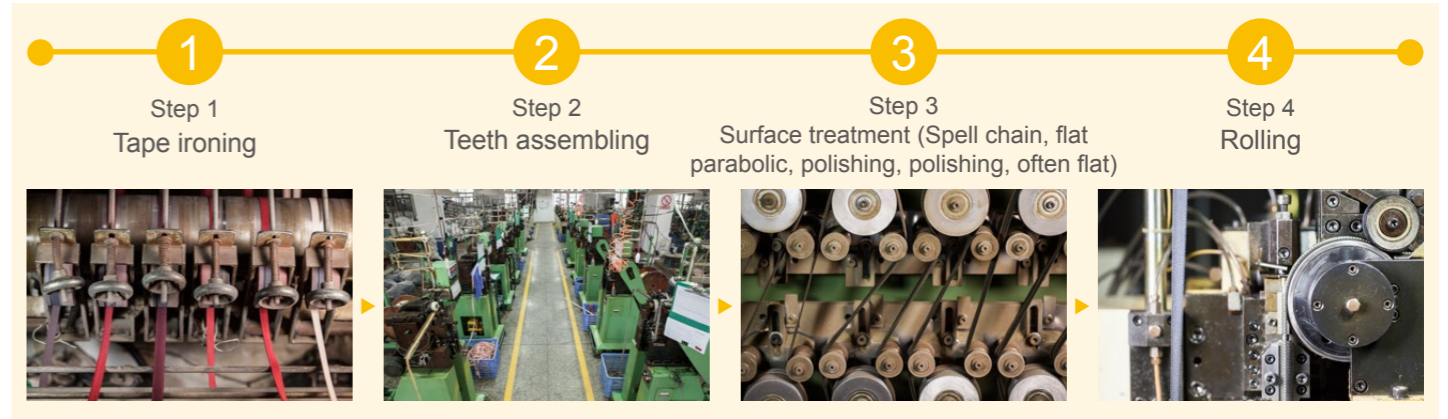
ZIPPER PRODUCTION WORKSHOP



Process of cut sized zipper

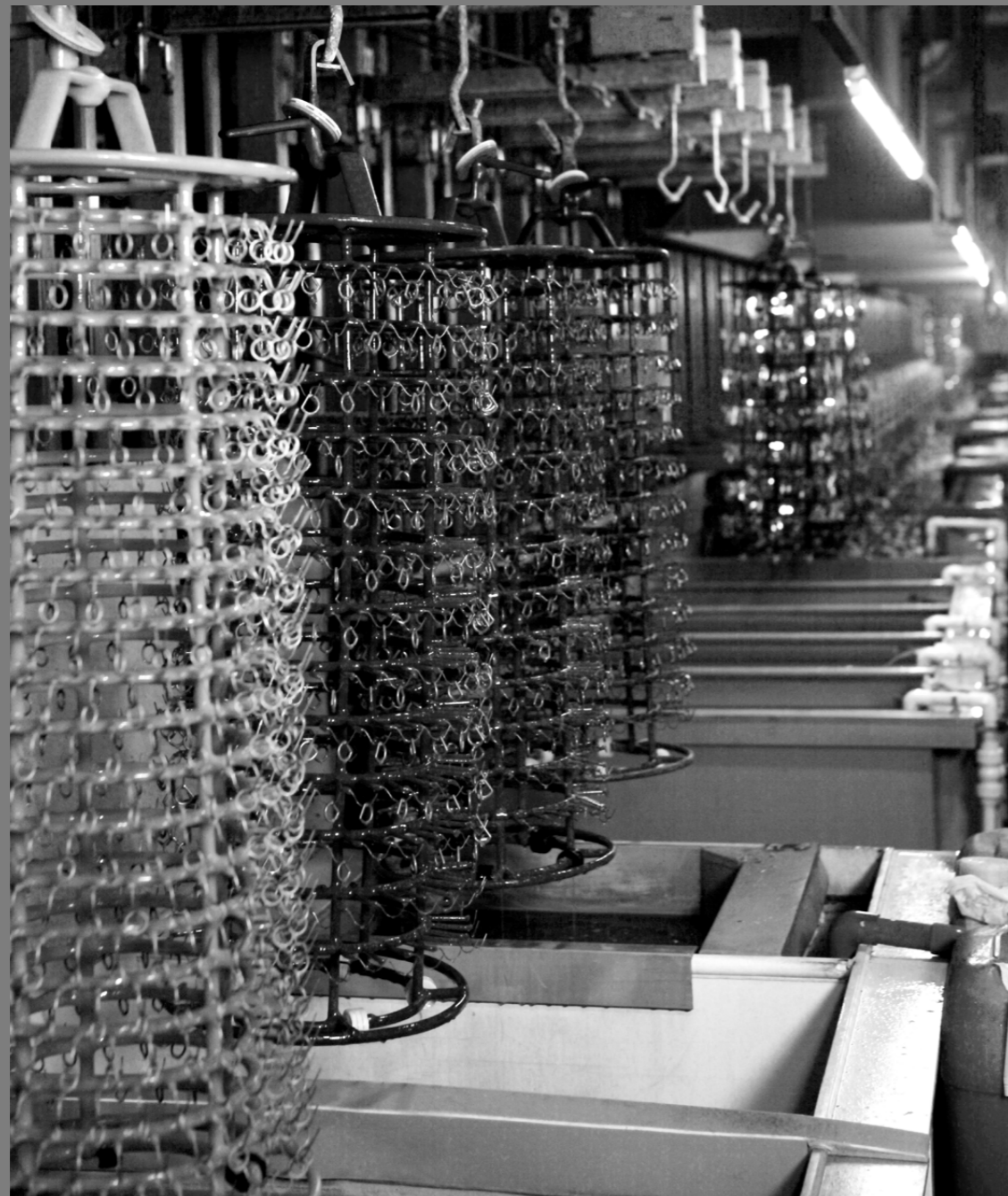


Process of long chain zipper



## PLATING WORKSHOP

# GALVANIC PLATING FOR A PERFECT DURABLE APPEARANCE.

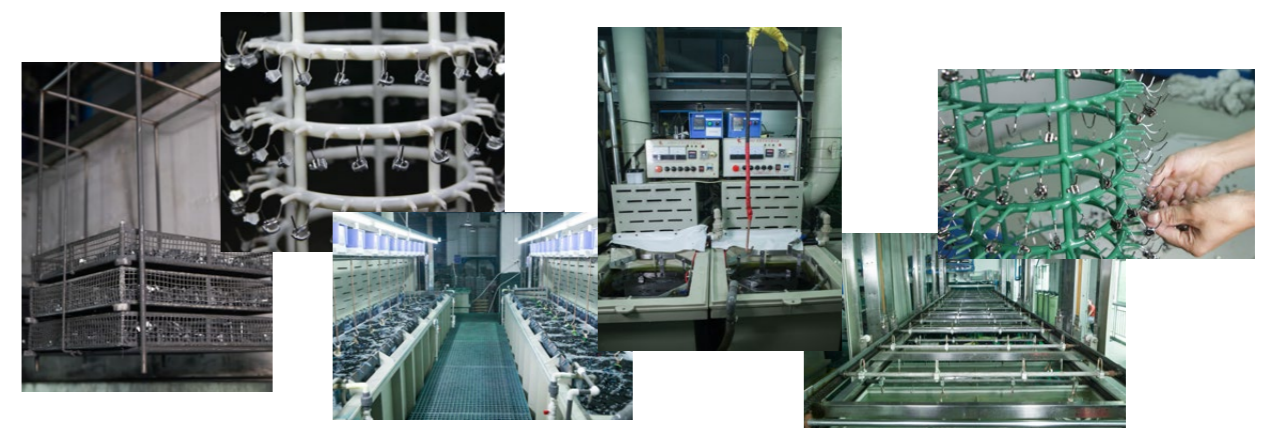


▲ Plating bath

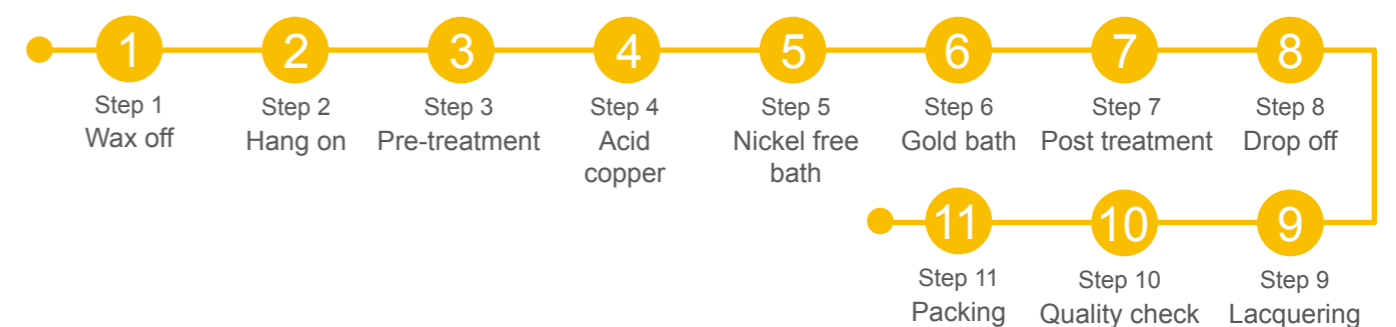
In order to achieve the perfect optical appearance we apply metallic finish by means of electro chemical processes. Our electrolysis process is very versatile and offers an array of coating: nickel, copper, brass, zinc, etc. The ionic migration provides a uniform and compact overlay plating that improves corrosion resistance to ensure the perfect look will be long lasting.



## Chemical plating process



## Hanging plating process flow



# Zipper Series

1

OOK Zipper

2

Poli Zipper

3

LaLa Zipper

4

D.piu Zipper



OOK zipper series a new and innovative feeling.

Available in #3, #5, #8, #10 and with over 15 chain finish, OOK zipper series is modern, easy and practical. Its feel and look comply with modern life and modern design requirements. Extremely versatile its application are limitless, bags, shoes or garment, OOK zipper series will slide in style.



**Z5-OOKD-BJ**  
#5 OOK teeth zipper in Nickel finish



**Z5-OOKD-HJ**  
#5 OOK teeth zipper in Gold finish



**Z5-OOKD-QJ**  
#5 OOK teeth zipper in Light gold finish



**Z5-OOKD-QS**  
#5 OOK teeth zipper in Gun metal finish



**Z5-OOKD-YHK**  
#5OOK teeth zipper in Dark pewter finish



**Z5-OOKD-QKL**  
#5 OOK teeth zipper in pewter finish



Specifications		5#
Model		5#OOKTeeth
Strength ( N )	Force for open-close ( N )	4
	British standard load pull cycles ( N )	Longitudinal loading14N Transverse loading16N round trip frequency1000 次
	Pull strength ( N )	500
	Self locking force ( N )	50
	Force of Top stopper ( N )	120
	Force of bottom stopper ( N )	120
	Open-end pull strength ( N )	130
	Pin box shift strength test ( N )	80
	Slider & pull closer force ( N )	250
	Pull ring tensile strength ( N )	
Slider & puller tab force ( N )		290
Transverse tension ( N )		757
Element Pull-Off ( N )		78
Element Slippage ( N )		60
Standard and round trip in Italy (cycle)5000-5000-8000		5000
color fastness		Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard
Shrinkage rate		6%-8%cm
Metallic coatings Corrosion resistance ISO.10289 Test standard"	24H salt spray test (level)	10
	48H salt spray test (level)	10
	48H-72H aging test (level)	10

# OOK SERIES



● **Z5-OOKD-YB**  
#5 OOK teeth zipper in Dull nickel finish



● **Z5-OOKD-YHH**  
#5 OOK teeth zipper in Antique Copper finish



● **Z5-OOKD-YQ**  
#5 OOK teeth zipper in Antique brass finish



● **Z5-OOKD-KJ**  
#5 OOK teeth zipper in K Gold finish



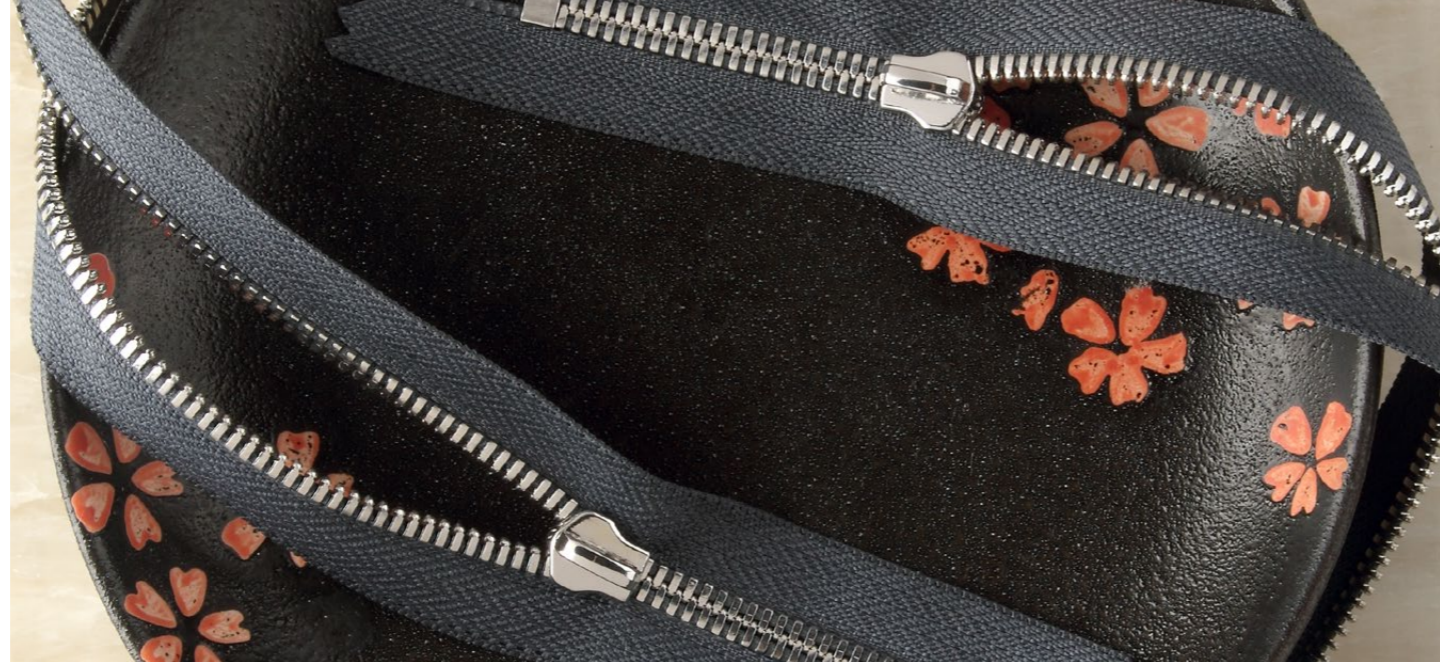
● **Z5-OOKD-HUG**  
#5 OOK teeth zipper in Brass finish



● **Z5-OOKD-MGJ**  
#5 OOK teeth zipper in Rose gold finish







poli

*Polished*

**SERIES**

● **Z5-MS-QY**  
#5 Polished double teeth zipper in Antique brass finish



**● Z5-MS-YB**  
#5 Polished double teeth zipper in Dull nickel finish



**● Z5-MS-YHK**  
#5 Polished double teeth zipper in Dark pewter finish



● **Z5-MS-QKL**  
#5 Polished double teeth zipper in Pewter finish



● **Z5-MS-HUG**  
#5 Polished double teeth zipper in Brass finish



# ■ POLI TEETH ZIPPER

# Lala SERIES



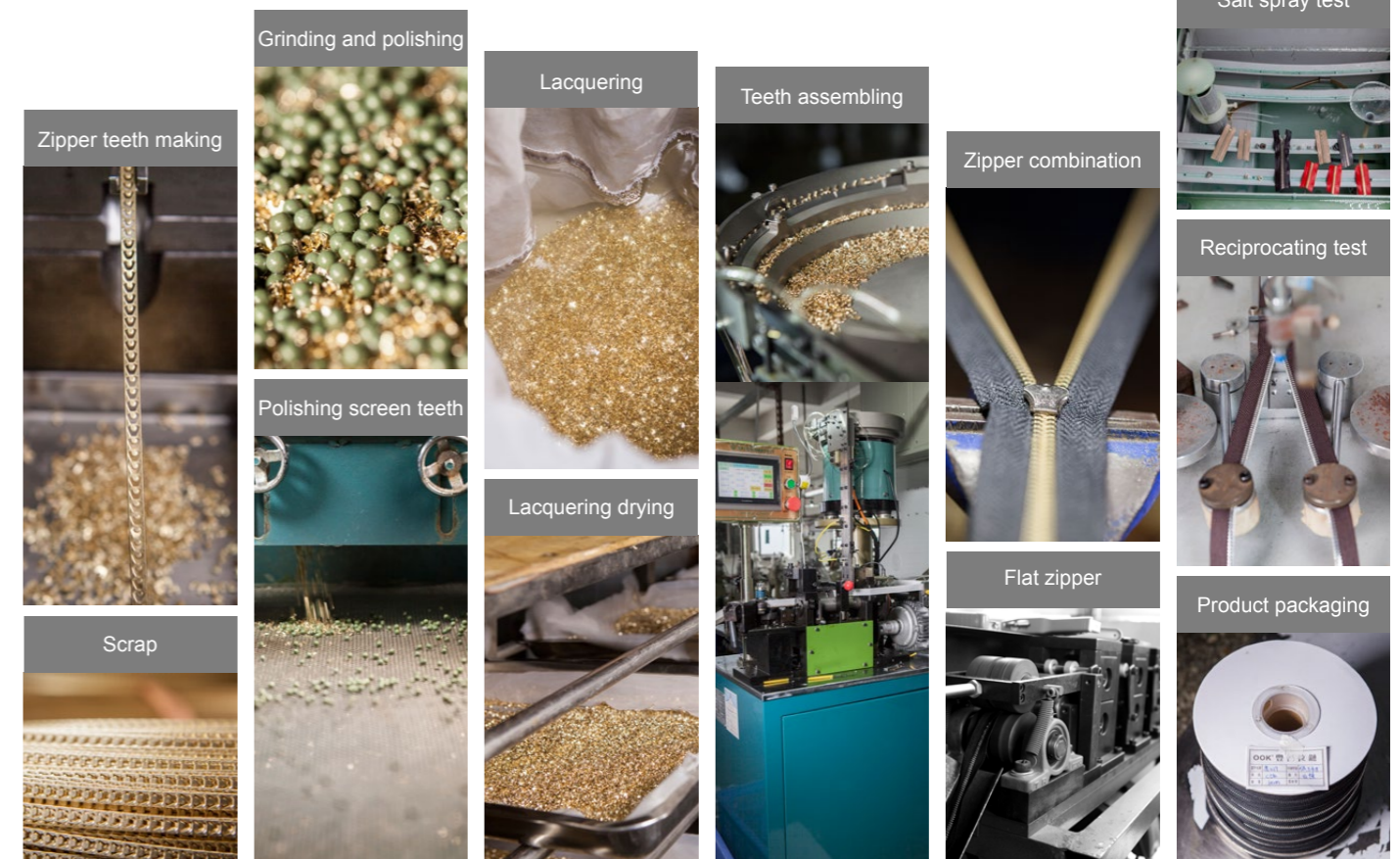
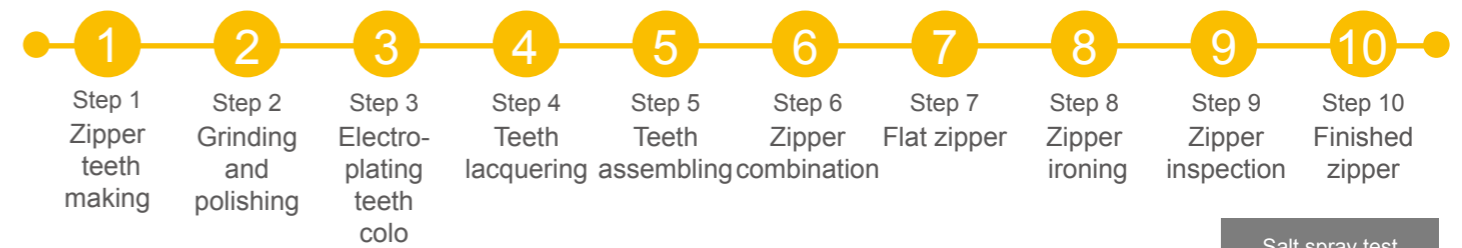
ook  
Quality Zippers



With its circular teeth, LALA zipper has been developed to cater for the specific needs of the handbag and small leather goods (SLG) industry. Fashion oriented, LALA is a high quality product for luxury goods, designed to focus on strength and resilience to satisfy our most demanding high-end customers.



▲ LALA production workshop





OOK strives for perfection in every detail by combining technology with industrial process and trading.

● **Z3-LALA-YHK**  
#3 LALA Teeth zipper in Dark Peuter finish



● **Z5-LALA-QJ**  
#5 LALA Teeth zipper in Light gold finish



● **Z5-LALA-YHK**  
#5 LALA Teeth zipper in Dark Peuter finish



● **Z5-LALA-WLL**  
#5 LALA Teeth zipper in Silver finish

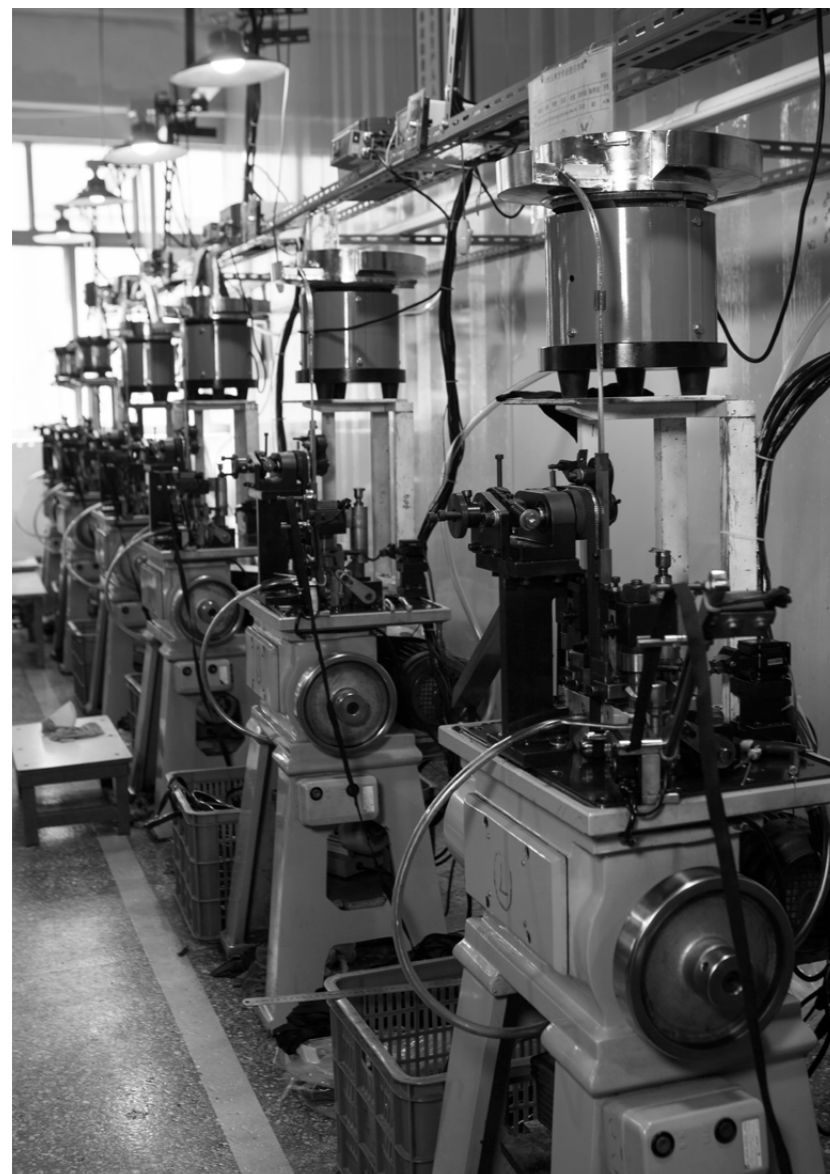


Specifications		5#
Model		5#LALA teeth
Strength ( N )	Force for open-close ( N )	4
	British standard load pull cycles ( N )	Longitudinal loading14N Transverse loading16N round trip frequency1000 次
	Pull strength ( N )	500
	Self locking force ( N )	50
	Force of Top stopper ( N )	120
	Force of bottom stopper ( N )	120
	Open-end pull strength ( N )	130
	Pin box shift strength test ( N )	80
	Slider & pull closer force ( N )	250
	Pull ring tensile strength ( N )	
	Slider & puller tab force ( N )	290
Transverse tension ( N )		702
Element Pull-Off ( N )		87
Element Slippage ( N )		76
Standard and round trip in Italy (cycle)5000-5000-8000		7500
color fastness		Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard
Shrinkage rate		6%-8%cm
Metallic coatings Corrosion resistance ISO.10289 Test standard"	24H salt spray test (level)	10
	48H salt spray test (level)	10
	48H-72H aging test (level)	10

# Di piu' SERIES



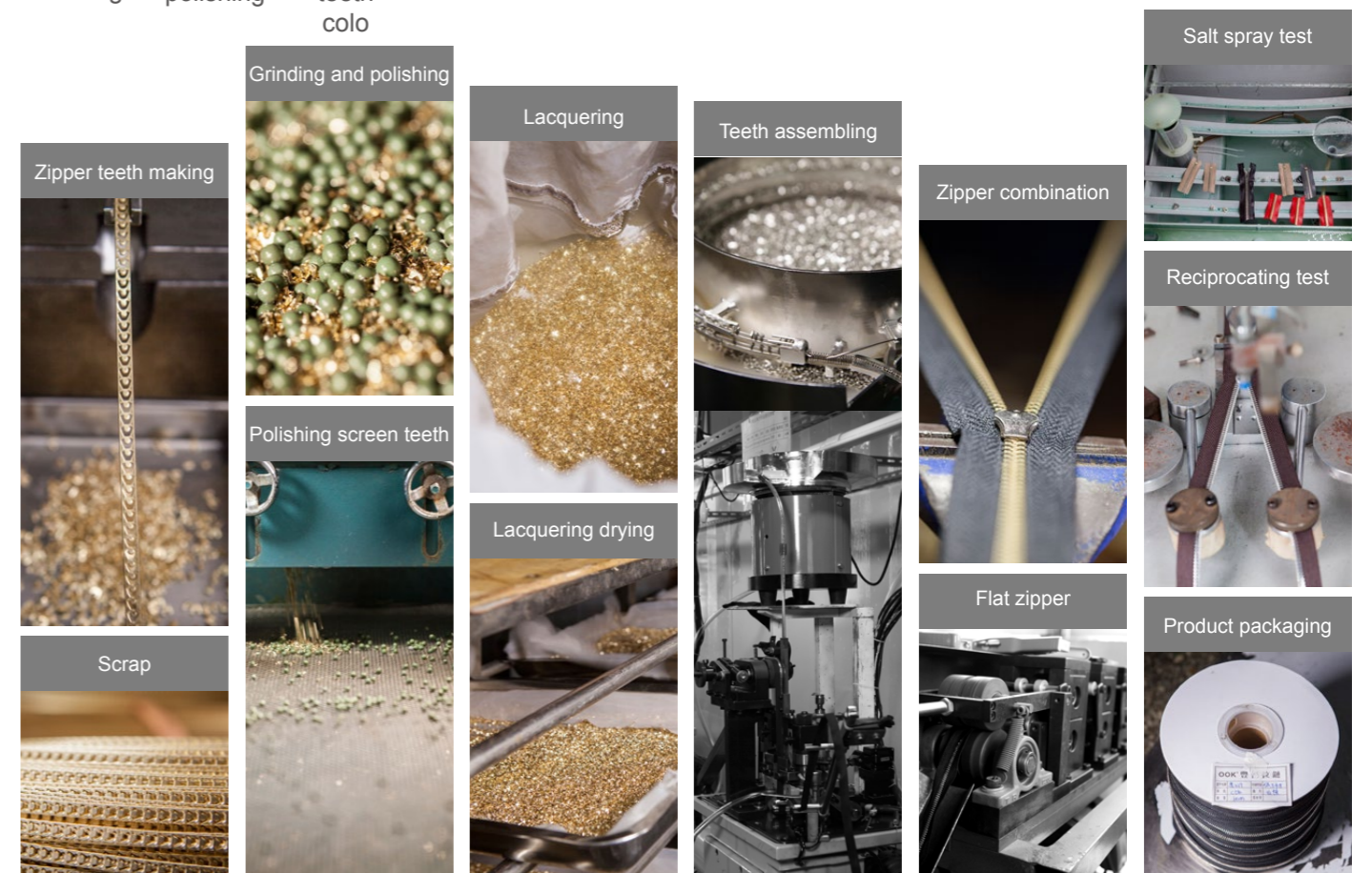
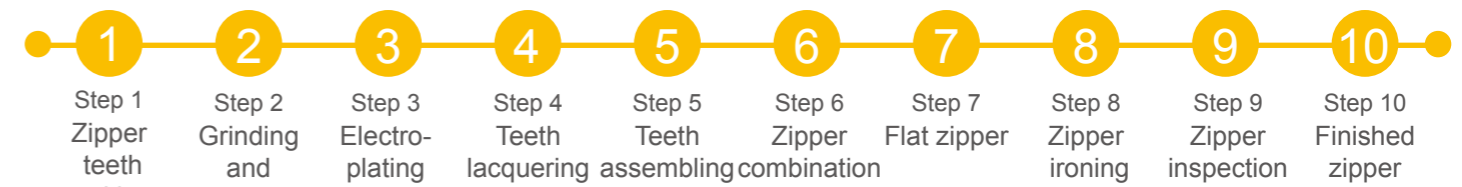
SIMPLY EXCELLENT... ECCELLENTE...  
DI PIU'!



▲ Dipiu production workshop



To achieve the smoothness and reliability of the D.piu' zipper, various technological hurdles needed to be overcome. Years of development, dedication and passion are synthesised in our finest creation. We designed an exclusive sample box for you to see, feel and try its smoothness. You will be amazed by its capacity to withstand the deepest curves. end user and, by doing so, to creating a real value-added accessory that is really appreciated by its partners and customers.



Teeth sample

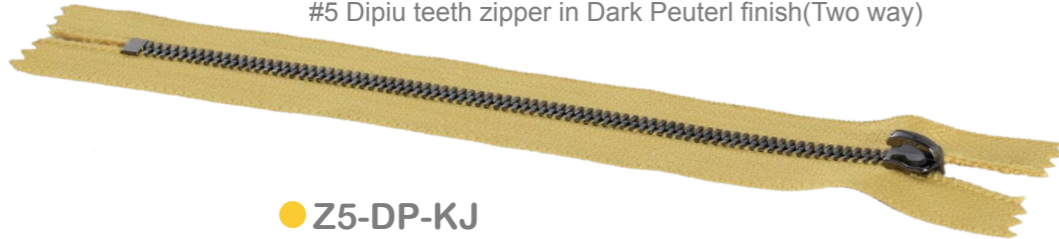


Scraps

● Z5-DP-WLL  
#5 Dipiu teeth zipper in Silverfinish(Two way)



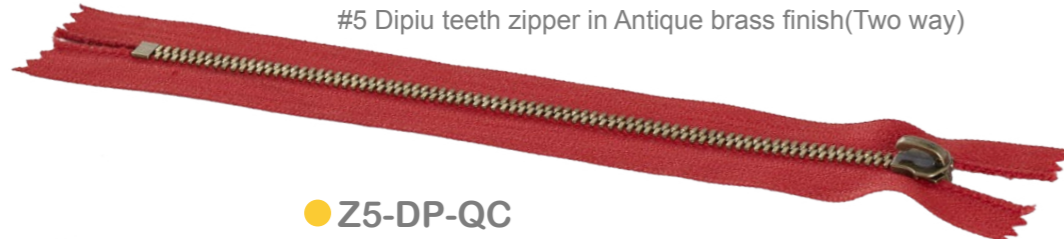
● Z5-DP-YHK  
#5 Dipiu teeth zipper in Dark Peuterl finish(Two way)



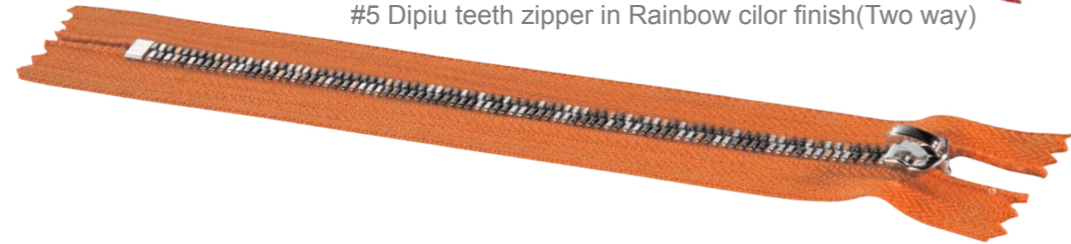
● Z5-DP-KJ  
#5 Dipiu teeth zipper in K Gold finish(Two way)



● Z5-DP-YQ  
#5 Dipiu teeth zipper in Antique brass finish(Two way)



● Z5-DP-QC  
#5 Dipiu teeth zipper in Rainbow cilor finish(Two way)



Specifications		5#
Model		5#Dipiu Teeth
Strength ( N )	Force for open-close ( N )	4
	British standard load pull cycles ( N )	Longitudinal loading14N Transverse loading16N round trip frequency1000 次
	Pull strength ( N )	500
	Self locking force ( N )	50
	Force of Top stopper ( N )	120
	Force of bottom stopper ( N )	120
	Open-end pull strength ( N )	130
	Pin box shift strength test ( N )	80
	Slider & pull closer force ( N )	250
	Pull ring tensile strength ( N )	
	Slider & puller tab force ( N )	290
Transverse tension ( N )		757
Element Pull-Off ( N )		94
Element Slippage ( N )		81
Standard and round trip in Italy (cycle)5000-5000-8000		8000
color fastness		Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard
Shrinkage rate		6%-8%cm
Metallic coatings Corrosion resistance ISO.10289 Test standard"	24H salt spray test (level)	10
	48H salt spray test (level)	10
	48H-72H aging test (level)	10



# Slider SERIES



## M3/M5/M8/M10- OOKDTW-MGGL

#3/#5/#8/#10 Metal slider  
in Rack-Plating Nickel  
Finish



## M3/M5/M8/M10- OOKDTW-MGGQ

#3/#5/#8/#10 Metal slider  
in Polished Rack-Plating  
Gun metal Finish



## M3/M5/M8/M10- OOKDTW-MQGQJ

#3/#5/#8/#10 Metal slider  
in Polished Rack-Plating  
Light Gold Finish



## M3/M5/M8/M10- OOKDTW-MGGJ

#3/#5/#8/#10 Metal slider  
in Polished Rack-Plating  
Gold Finish



## M3/M5/M8/M10- OOKDTW-MGJ

#3/#5/#8/#10 Metal slider  
in Rack-Plating Rose  
Gold Finish



## M3/M5/M8/M10- OOKDTW-MSQJ

#3/#5/#8/#10 Metal slider  
in Polished Rack-Plating  
Brushed Light Gold  
Finish



## M3/M5/M8/M10- OOKDTW-MGLZJ

#3/#5/#8/#10 Metal slider  
in Rack-Plating Sneak  
Gold Finish



## M3/M5/M8/M10- OOKDTW-SQG

#3/#5/#8/#10 Metal slider  
in Barrel-Plating Brushed  
Antique Brass Finish



## M3/M5/M8/M10- OOKDTW-MGQQ

#3/#5/#8/#10 Metal slider  
in Polished Rack-Plating  
Light Gun Metal Finish



## M3/M5/M8/M10- OOKDTW-HGT

#3/#5/#8/#10 Metal slider  
in Barrel-Plating Antique  
Copper Finish



## M3/M5/M8/M10- OOKDTW-MGDZH

#3/#5/#8/#10 Metal slider  
in Rack-Plating Mat  
Black Finish



## M3/M5/M8/M10- OOKDTW-YAJI

#3/#5/#8/#10 Metal slider  
in Barrel-Plating Dull  
Finish

## Research & Development Experience The Quality For Yourself

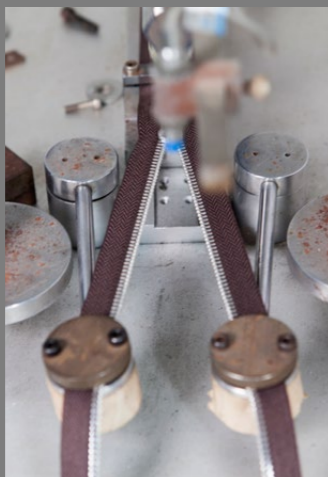
Quality, safety & certification of industrial products

Both consumers and professionals are continuously seeking strength, durability, safety and ultimately product compliance. Therefore RELIABILITY is the key word to which the industry as a whole must comply to.

In today's marketplace perception can sometimes be deceiving. Parameters such as country of origin or brand affiliation are actually not the most relevant simply because perception does not always translate into reality. Brands do not always insure quality and especially do not always insure quality on all product lines. Likewise individual countries do set parameters to ensure certain safety standards are being met but in many cases fall short on specific regulations leaving many technical and quality issues untouched.



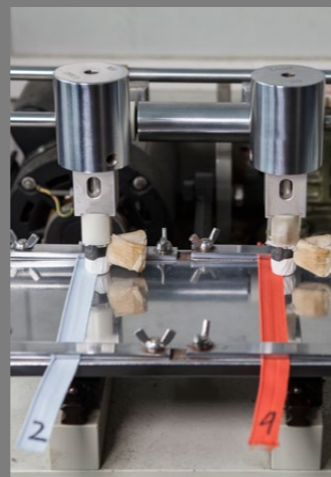
▲  
Salt spray test 24H  
Acid, 48H neutral



▲  
Reciprocating Test  
- 1000 cycles



▲  
Transverse tensile  
test of zipper



▲  
Dry wiping test

## What does quality mean?



### Anti-oxidation, Heavy metal & Nickel free

We passed the TÜV Rheinland certifications of product safety and quality. This internationally recognized test mark provides a testimony to our zippers compliance with relevant safety criteria. Our zippers have been submitted to additional testing that go far beyond the mandatory requirements in Europe.

### Usability & Strength

Customers' satisfaction is the key factor to success. Experts tested our zippers strength, durability, efficiency and usability. Because we are committed to provide high quality zippers to insure your complete satisfaction.

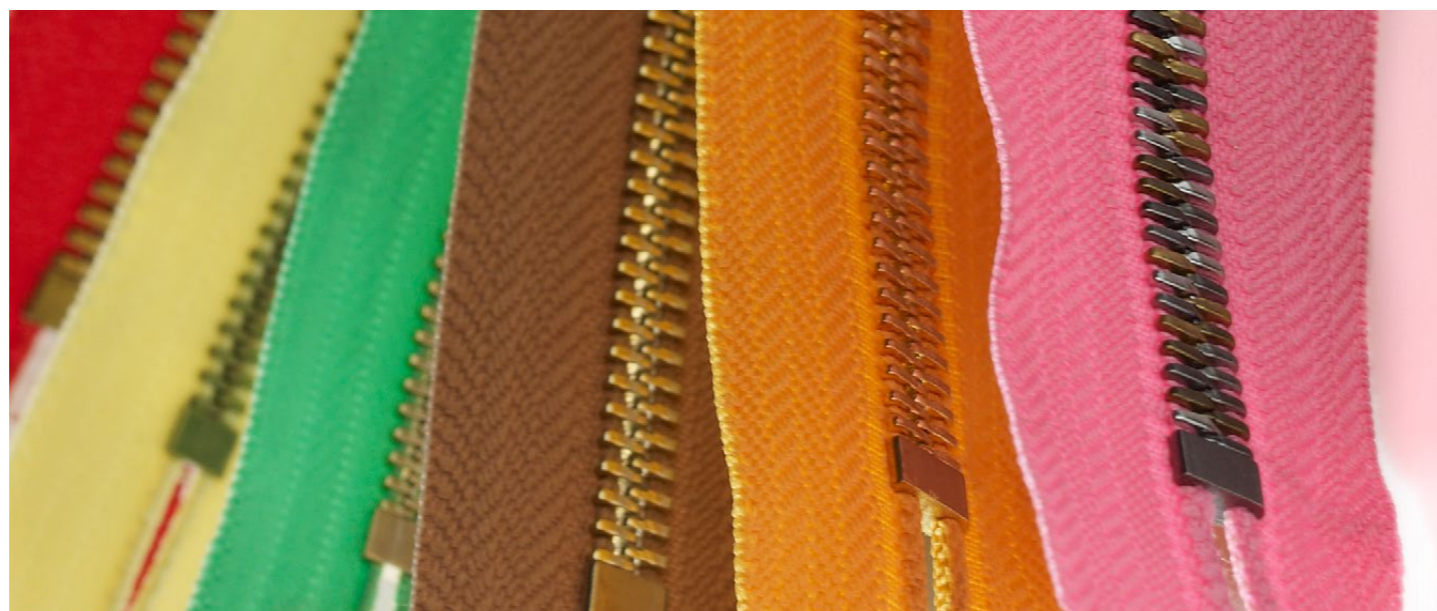


**BLUCLAD<sup>®</sup>**  
PLATING SOLUTIONS

Today TÜV Rheinland certifications protect both professionals and consumers to ensure the key word RELIABILITY is always there.

- OOK Quality Zippers are oxidation, heavy metal and nickel free
- OOK Quality Zippers are certified by TÜV Rheinland

TÜV Rheinland is an independent global provider of technical, safety, and certification services. A true testimony of OOK Quality Zippers' compliance to existing technical and safety standards. OOK Quality Zippers have been submitted to additional testing that go far beyond the mandatory requirements of existing EU regulations.



## tape COLORS

Our color tape swatch is bursting with a whole spectrum of ideas and you have all the colors of the rainbow to choose from.

Find the right match to your product from our zipper tape color swatch.

You can also send us a sample of the material for reference and we will custome made the color to ensure the perfect match between your product and our zipper.

D861	D552	D068	D244	D375	D113	D376	D553	D373	D862	D019	D284	D303	D256	D265	D218	D559	D029	D866	D915
D208	D347	D259	D268	D554	D374	D246	D281	D278	D309	D248	D360	D264	D255	D302	D290	D266	D228	D067	D146
D541	D542	D351	D369	D350	D352	D546	D144	D260	D294	D837	D835	D557	D164	D253	D027	D558	D039	D220	D038
D545	D903	D066	D339	D231	D280	D363	D145	D398	D839	D198	D321	D238	D381	D388	D040	D920	D560	D083	D117
D901	D026	D143	D902	D544	D297	D547	D833	D333	D163	D298	D310	D918	D115	D919	D058	D147	D233	D196	D075
D030	D356	D366	D822	D044	D533	D534	D904	D049	D825	D359	D018	D111	D314	D349	D037	D906	D020	D907	D556
D112	D543	D142	D035	D357	D905	D385	D548	D263	D370	D046	D028	D549	D162	D358	D550	D909	D201	D836	D252
D202	D821	D823	D250	D004	D824	D105	D826	D393	D036	D332	D539	D023	D286	D877	D287	D390	D908	D840	D103
D841	D184	D871	D531	D532	D191	D873	D148	D538	D149	D152	D540	D084	D878	D197	D529	D530	D295	D869	D890
D110	D063	D100	D041	D874	D536	D081	D065	D047	D150	D052	D151	D876	D829	D911	D830	D153	D017	D391	D240
D881	D872	D803	D804	D535	D875	D827	D537	D064	D211	D887	D528	D880	D879	D870	D190	D077	D237	D120	D175
D883	D882	D108	D342	D109	D170	D562	D011	D247	D367	D888	D566	D567	D305	D096	D282	D080	D223	D173	D078
D032	D134	D222	D325	D034	D318	D563	D564	D242	D565	D194	D365	D009	D569	D394	D157	D916	D088	D176	D172

D891	D227	D180	D127	D098	D101	D128	D085	D573	D203	D300	D219	D810	D894	D008	D854	D327	D296	D187	D215
D571	D301	D805	D572	D371	D125	D892	D167	D189	D893	D007	D229	D188	D093	D033	D857	D092	D858	D161	D072
D121	D551	D129	D845	D106	D828	D509	D510	D898	D899	D087	D897	D216	D508	D241	D086	D859	D022	D900	D568
D186	D123	D185	D005	D209	D895	D856	D808	D087	D102	D079	D809	D855	D236	D097	D331	D868	D141	D570	D917
D521	D806	D812	D057	D522	D090	D813	D814	D136	D002	D137	D816	D138	D060	D249	D061	D062	D850	D025	D199
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D364	D811	D851	D322	D348	D338	D815	D517	D397	D341	D238	D817	D003	D818	D820	D519	D059	D520	D527	171
D293	D274	D344	D372	D377	D221	D70	D214	D082	D256	D166	D139	D193	D251	D140	D045	D073	D159	D094	D273
D355	D511	D512	D513	D207	D042	D852	D514	D515	D335	D516	D312	D383	D354	D261	D853	D299	D258	D230	D254
D254	D378	D069	D212	D276	D292	D051	D289	D267	D524	D304	D291	D271	D016	D288	D525	D021	D048	D864	D239
D213	D206	D269	D285	D863	D174	D865	D867	D217	D368	D272	D195	D380	D379	D224	D308	D326	D319	D317	D270
D831	D574	D050	D012	D834	D555	D257	D328	D320	D104	D889	D400	D838	D910	D074	D160	D395	D168	D158	D071
D095	D361	D330	D232	D353	D913	D226	D205	D262	D107	D575	D382	D313	D277	D311	D578	D155	D118	D901	D362
D316	D337	D336	D154	D576	D165	D832	D132	D343	D119	D386	D329	D133	D204	D396	D179	D307	D389	D015	D579
D340	D181	D225	D135	D577	D275	D243	D384	D192	D013	D914	D183	D306	D182	D301	D169	D156	D580	D177	D210
D122	D010	D561	D334	D235	D884	D323	D896	D886	D324	D912	D860	D382	D399	D076	D014	D387	D315	D126	D885

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