



The liquid composition of “DiChrono” is different from that of standard industrial chrome plating. DiChrono transcended general “industrial chrome plating engineering standard”

## ● 5 Big Advantages

1. Better abrasion resistance , better seize resistance .
2. Easy polishing , easy grinding .
3. Better adhesiveness to base material . No cracking . No delamination .
4. Smaller crack makes better erosion resistance .
5. Wide plating ability to base metal material .

SK , SKS , SKH , SKD , S45C , SCM , SUJ , SUS , FC , AL , BeCu , Cu  
Original metal standard made by metal supplier

## ● High – mix Low Volume Production System

High quality & strict adherence to delivery time

DiChrono uses a different liquid composition from other chrome composition based on “JIC” . That is why DiChrono has different effect from the standard industrial chrome . In addition , using a special catalyst creates a stronger & more adhesive effect .

### Composition of the Plating Bath

Composition	Standard bath	Fluoride bath(1)	Fluoride bath(2)	DiChrono
Chromic anhydride(g/l)	160~250	200~250	200~250	250
Sulfuric acid(g/l)	1.6~2.5	0.6~1.5	0.6~1.5	-
Sodium silicic fluoride(g/l)	-	-	-	-
Silicic hydrofluoric acid(g/l)	-	-	2~10	-

“JIC” : Japan Industrial Chrome Standard

“Industrial chrome plating engineering standard” : 201-1971



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## ● Processing Specifications

1. Standard spec ..... DiChrono plating thickness 20~30  $\mu\text{m}$
2. Special spec ..... DiChrono Plating thickness
  - ① to 50  $\mu\text{m}$
  - ② to 100  $\mu\text{m}$
  - ③ over 100  $\mu\text{m}$

## ● Processing Limit

1. Length ..... 2700mm
2. Width ..... 700mm
3. Depth ..... 700mm
4. Weight ..... under 200 kg

## ● Price

1. Standard ..... DiChrono price (plating thickness about 20  $\mu\text{m}$ )
2. Special ..... Standard price + optional price for additional thickness(depends on thickness)

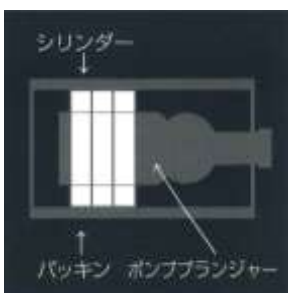
## ● Practical Examples



1. Subject : Wire guide roll
2. Terms of use : Ordinary temperature
3. Application : More adhesion is required . Because of deamination issue more pressure and wearing occur on wire running .



1. Subject : Conveyance guide
2. Terms of use : Ordinary temperature
3. Application : Lower friction is required . Because of the can line and filling line are getting faster .



1. Subject : Plunger / Cylinder
2. Terms of use : High temperature , high pressure , high revolution .
3. Application : Plunger spins round at high speed to supply power through pump leading to wearing and possible leakage .