

HARDWARE ACCESSORIES

PROFESSIONAL SOLUTIONS FOR ALUMINIUM DOORS & WINDOWS

COMPANY PROFILE

Suzhou Oredy Intelligent Door Control Co., Ltd is a premier manufacturer specializing in high-quality hardware accessories for aluminium doors and windows. With a commitment to engineering excellence and aesthetic precision, we provide robust solutions that enhance the functionality and longevity of architectural projects.

Our comprehensive product range includes hinges, handles, rollers, door closers, and sealing systems designed to meet international standards. We combine advanced manufacturing techniques with strictly selected materials to deliver products that stand the test of time.

QUALITY COMMITMENT

We adhere to strict quality control protocols throughout the production process. From raw material selection to final surface treatment, every step is monitored to ensure consistency, durability, and superior performance.



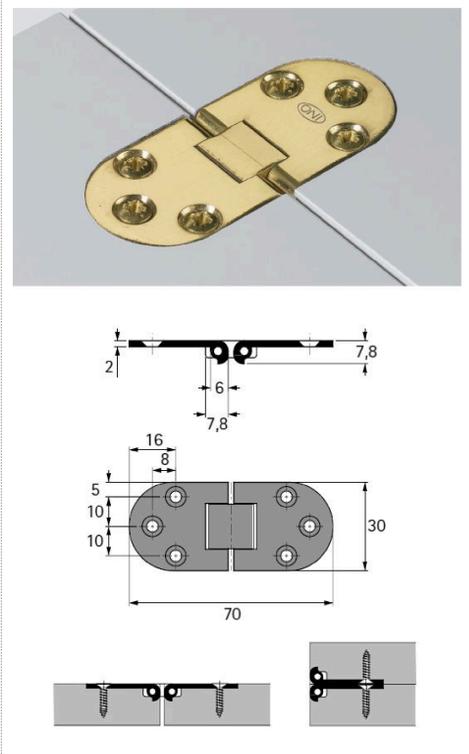
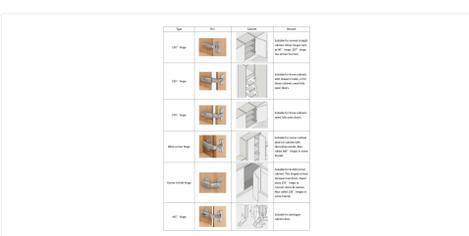
SELECTION MENU

Quick Reference Guide for Hardware Specification

PRODUCT CATEGORY	APPLICATION	MATERIAL OPTIONS	SURFACE FINISH	LOAD CAPACITY	SERIES
Hinges	Casement Doors/Windows	SS 304/201, Aluminum	Brushed, Polished, PVD	30kg - 120kg	Std, Friction
Handles	Windows, Doors	Aluminum, Zinc Alloy	Powder Coat, Anodized	N/A	Multi-point
Rollers	Sliding Systems	Nylon, SS, Copper	N/A	20kg - 200kg	70/80/88/90
Floor Springs	Glass/Heavy Doors	Cast Iron Body	SS Cover	80kg - 300kg	Hydraulic
Door Closers	Swing Doors	Aluminum Alloy	Painted	25kg - 150kg	EN1 - EN6
Sealing Strips	Gap Sealing	EPDM, TPE, Silicone	Black, Grey	Temp -40°C-120°C	I/E/P/D Type

HINGES SYSTEMS

Precision Engineering for Smooth Operation



STANDARD BUTT HINGES

- **Sizes:** 2" / 3" / 4" / 5" (50mm - 125mm)
- **Material:** Premium 304 / 201 Stainless Steel
- **Thickness:** 3.0mm / 3.5mm Heavy Duty
- **Load Capacity:** 30kg - 120kg per pair
- **Bearing Type:** 2 Ball Bearing (288) / 4 Ball Bearing (488)
- **Surface Finish:** Brushed Satin, Polished Mirror, PVD Gold/Black
- **Colors:** Silver, Matte Black, Champagne Gold, Antique Bronze

FRICTION HINGES (STAY BARS)

- **Sizes:** 8" to 24" (200mm - 600mm) Extension
- **Material:** High-grade 304 Stainless Steel
- **Thickness:** 1.5mm - 2.5mm Stack Height
- **Groove Compatibility:** Standard C-groove / U-groove
- **Opening Angle:** 90° Standard opening
- **Durability:** Tested for 50,000 cycles

HANDLES & LOCKING SYSTEMS

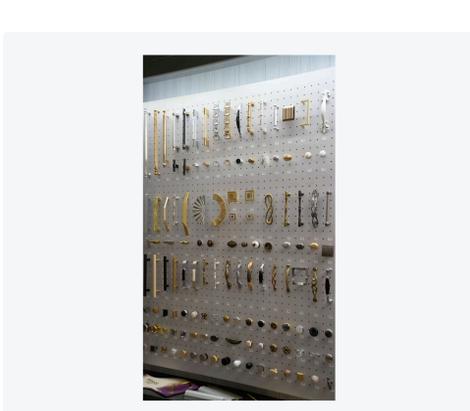
Ergonomic Design Meets Security

WINDOW HANDLES

- **Spindle Size:** 7mm x 7mm square standard
- **Spindle Length:** 35mm - 45mm options
- **Material:** High-strength Aluminum Alloy / Zinc Alloy
- **Mechanism:** Gear driven or Fork drive
- **Locking:** Key locking or Push-button options available
- **Finishes:** Powder Coating (White/Black), Anodizing (Silver/Gold)

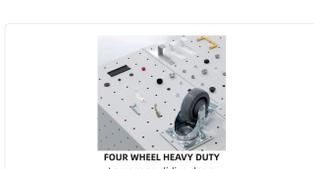
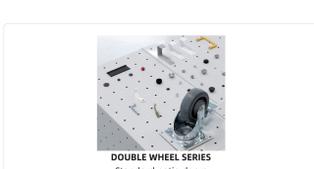
MULTI-POINT LOCKS

- **Backset:** 75mm / 15mm / 20mm
- **Material:** Stainless Steel faceplate, Zinc Alloy casing
- **Security:** 3 to 5 locking points for enhanced security
- **Compatibility:** Fits standard aluminium profile grooves



SLIDING SYSTEMS

Rollers, Pulleys & Tracks for Smooth Motion



ROLLER SPECIFICATIONS	TRACK PROFILES
<ul style="list-style-type: none"> • Groove Widths: 10 / 12 / 14 / 16 / 21 / 26 mm • Wheel Material: POM (Nylon), Stainless Steel, Pure Copper • Bearing Type: Precision Ball Bearing / Needle Bearing • Load Capacity: 20kg to 200kg per wheel • Adjustability: 2-5mm height adjustment screw • Series: Compatible with 70/80/88/90 series profiles 	<ul style="list-style-type: none"> • Material: Aluminum Alloy 6063-T5 / Stainless Steel 304 • Wall Thickness: 2.0mm - 3.0mm heavy gauge • Profile Shapes: U-type, V-type, Flat rail • Lengths: 2m, 3m, 6m (Customizable)

DOOR CONTROL HARDWARE

Hydraulic Precision for Controlled Access

FLOOR SPRINGS

- **Load Capacity:** 80kg / 120kg / 200kg / 300kg models
- **Door Width:** Suitable for 800mm - 1250mm width
- **Action:** Double acting, 90° or 180° opening
- **Control:** 2-stage speed adjustment (Closing & Latching)
- **Construction:** High-density Cast Iron body
- **Finish:** Stainless Steel cover plate (Satin/Polished)

DOOR CLOSERS

- **Force Rating:** EN1 to EN6 adjustable power
- **Door Weight:** 25kg to 150kg
- **Mounting:** Surface mounted standard arm / Hold-open arm
- **Type:** Overhead exposed or Concealed in header
- **Material:** High-quality Aluminum Alloy body
- **Durability:** 500,000 cycles tested

SEALING SYSTEMS

Weatherproofing Excellence

EPDM Premium
-40°C to +120°C

Silicone
High Temp Resist

- **Self-Adhesive:** I-type (1-2mm), E-type (2-3.5mm), P-type (3.5-5mm), D-type (5-7mm)
- **Slot-in Type:** For 3mm/4mm/5mm grooves. O-type, K-type, Duck-bill shapes.

SURFACE TREATMENTS

Aesthetics & Protection

- **Anodizing:** 10-25 micron thickness
- **Powder Coating:** 60-80 micron thickness
- **PVD Coating:** Superior hardness and color retention

STANDARD COLOR RANGE



QUALITY STANDARDS

Compliance & Testing

MATERIAL STANDARDS	PRODUCT STANDARDS	PERFORMANCE TESTING
<ul style="list-style-type: none"> • GB/T 3280 (Stainless Steel) • GB/T 5237 (Aluminum Profiles) • GB/T 13818 (Zinc Alloy) 	<ul style="list-style-type: none"> • JG/T 212 (General Requirements) • JG/T 125 (Construction Locks) • JG/T 126 (Handles & Locks) 	<ul style="list-style-type: none"> • Salt Spray Test: 48h - 960h • Cycle Life: 100,000 - 500,000 ops • Load Testing: Full capacity verification