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Fittings for sliding windows

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Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	2
4.1 Classification of sash rollers	2
4.2 Classification of crescents	3
5 Materials	3
6 Quality	4
6.1 The quality of sash rollers	4
6.2 Quality of crescents	4
7 Test	4
7.1 Test of sash rollers	4
7.2 Test of crescents	7
8 Inspection	10
9 Marking	10
Annex A (informative) Shapes and dimensions of fittings	12
Annex B (informative) Comparison table between previous and current editions of this Standard on technically significant revisions	15

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Sash Manufacturers Association (JSMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS A 5545:1991** is replaced with this Standard.

However, **JIS A 5545:1991** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until March 21st, 2012.

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Fittings for sliding windows

1 Scope

This Japanese Industrial Standard specifies sash rollers and crescents (hereafter referred to as “fittings”) to be used for sliding windows specified in **JIS A 4706**.

The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex B.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 4706	<i>Windows</i>
JIS B 7502	<i>Micrometer callipers</i>
JIS B 7503	<i>Mechanical dial gauges</i>
JIS B 7507	<i>Vernier, dial and digital callipers</i>
JIS B 7513	<i>Precision surface plates</i>
JIS B 7517	<i>Vernier, dial and digital height gauges</i>
JIS B 7518	<i>Vernier, dial and digital depth gauges</i>
JIS G 3101	<i>Rolled steels for general structure</i>
JIS G 3131	<i>Hot-rolled mild steel plates, sheet and strip</i>
JIS G 3141	<i>Cold-reduced carbon steel sheet and strip</i>
JIS G 3505	<i>Low carbon steel wire rods</i>
JIS G 3522	<i>Piano wires</i>
JIS G 3532	<i>Low carbon steel wires</i>
JIS G 4051	<i>Carbon steels for machine structural use</i>
JIS G 4303	<i>Stainless steel bars</i>
JIS G 4304	<i>Hot-rolled stainless steel plate, sheet and strip</i>
JIS G 4305	<i>Cold-rolled stainless steel plate, sheet and strip</i>
JIS G 4309	<i>Stainless steel wires</i>
JIS H 3100	<i>Copper and copper alloy sheets, plates and strips</i>
JIS H 3130	<i>Copper beryllium alloy, copper titanium alloy, phosphor bronze, cop-</i>

per-nickel-tin alloy and nickel silver sheets, plates and strips for springs

JIS H 3250 *Copper and copper alloy rods and bars*

JIS H 3260 *Copper and copper alloy wires*

JIS H 3270 *Copper beryllium alloy, phosphor bronze and nickel silver rods, bars and wires*

JIS H 4100 *Aluminium and aluminium alloy extruded shape*

JIS H 5120 *Copper and copper alloy castings*

JIS H 5121 *Copper alloy continuous castings*

JIS H 5202 *Aluminium alloy castings*

JIS H 5301 *Zinc alloys die castings*

JIS H 5302 *Aluminium alloy die castings*

JIS K 6920-1 *Plastics — Polyamide (PA) moulding and extrusion materials — Part 1 : Designation*

JIS K 6921-1 *Plastics — Polypropylene (PP) moulding and extrusion materials — Part 1 : Designation system and basis for specifications*

JIS K 6922-1 *Plastics — Polyethylene (PE) moulding and extrusion materials — Part 1 : Designation system and basis for specifications*

JIS K 6923-1 *Plastics — Polystyrene (PS) moulding and extrusion materials — Part 1 : Designation system and basis for specifications*

JIS K 7364-1 *Plastics — Polyoxymethylene (POM) moulding and extrusion materials — Part 1 : Designation system and basis for specifications*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 sash roller

rotating metal fitting attached to the bottom or the top of the sash, which moves on the rail

3.2 crescent

a type of locking metal fitting used for the meeting stile of the sliding window, which engages the latch on the receiver by rotation of the lever

4 Classification

4.1 Classification of sash rollers

The sash roller shall be classified by the shape of the sash roller, and shall be as given