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Wrist units

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Foreward

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

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Wrist units

1 Scope This Japanese Industrial Standard defines plate friction type wrist units for adults except for those for heavy works (hereafter referred to as "wrist units").

Remarks 1 Normative references of this Standard are shown below:

JIS B 0205 *Metric coarse screw threads*

JIS B 0207 *Metric fine screw threads*

JIS G 4303 *Stainless steel bars*

JIS T 9217 *Voluntary opening hooks*

2 The units and numerical values given in { } in this Standard are based on the traditional unit system and are appended for informative reference.

2 Definition of terms Main terms used in this Standard are defined as follows:
Names of parts in the wrist unit shall be as shown in attached figure 1.

(1) **minimum torque value** (T_{min}) the value obtained by multiplying the power needed to start the rotation of the hook when the wrist unit is firmly fastened by the distance from the centre of the wrist unit to the center of the hook control lever operation

(2) **maximum torque value** (T_{max}) the value obtained by multiplying the power needed to start the rotation of the hook when the hook is rotated through 140° to the direction of tightening the wrist unit by the distance from the centre of the wrist unit to the centre of the hook control lever operation

3 Types and symbols Types and symbols shall be as shown in table 1 according to materials of the main body.

Table 1 Types and symbols

Types	Symbols	Remarks
Aluminum alloy	Al	Wrist units made of aluminum alloy
Stainless steel	SS	Wrist units made of stainless steel
Plastics	P	Wrist units made of plastics

4 Performance

4.1 General conditions The wrist unit shall be such that a terminal device can be screwed in easily and can be fixed firmly by being rotated within a necessary and allowable angle range.

4.2 Static strength and durability The static strength and durability shall meet the performance requirements of table 2 when the test of 8 is conducted.

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