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Clutch facings for automobiles

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Foreword

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

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In the event of any doubts arising as to the contents,
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Clutch Facings for Automobiles

1. Scope

This Japanese Industrial Standard specifies dry type clutch facings used for automobiles (hereafter referred to as the "clutch facings").

Remarks : Normative references are as follows :

JIS G 5501-Gray Iron Castings

JIS R 6252-Abrasive Papers

2. Performance

2.1 Friction Performance The coefficient of friction with their tolerances and the wear rate of clutch facings shall be as given in Table 1 when tested in accordance with 6.1.

Further, the friction surface of the disc and test pieces shall be free from detrimental flaws swellings, etc.

Table 1. Coefficient of Friction and Wear Rate

Item	Test temperature (1)		
	100°C	150°C	200°C
Coefficient of friction (2)	0.25 to 0.60	0.20 to 0.60	0.15 to 0.60
Tolerance on specified coefficient of friction	± 0.08	± 0.10	± 0.12
Wear rate 10 ⁻⁷ cm ³ /Nm	0.50 max.	0.75 max.	1.00 max.

Notes (1) The test temperature shall be the temperature of the disc friction face.

(2) The range of coefficient of friction shall include the tolerance.