

JIS

JAPANESE INDUSTRIAL STANDARD

Glossary of terms used in ropes

JIS L 0219-1988

Translation without guarantee
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1. Scope

This Japanese Industrial Standard specifies the glossary of terms relating to ropes made of fiber.

2. Classification

Terms shall be classified into the following four classes:

- (1) Terms relating to structures
- (2) Terms relating to products
- (3) Terms relating to tests
- (4) Terms relating to connecting works and others

3. Number, term, pronunciation and meaning

The numbers, terms, pronunciations and meanings shall be as follows:

For informative reference, the corresponding English is shown.

Corresponding International Standard:

ISO 1968-1973 Ropes and cordage-Vocabulary

Reference Standards:

JIS L 2701-Manila and Sisal Fibre Ropes

JIS L 2702-Cotton Rope

JIS L 2703-Vinylon Ropes

JIS L 2704-Nylon Ropes

JIS L 2705-Polyethylene Ropes

JIS L 2706-Polypropylene Ropes

JIS L 2707-Polyester Ropes

(1) Terms relating to structures

No.	Term (Japanese character)	Reading	Definition	English equivalent (Informative reference)
101	ヤーン	YĀN	Material intertwisted with fibers which constitute strands (Refer to Attached Fig. 1).	yarn
102	ストランド	SUTORANDO	Material twisted with two or more pieces of yarn, which is the intermediate body to form rope (Refer to Attached Fig. 1). It is also called KONA WA.	strand
103	ロープ	RŌPU	Material twisted with two or more strands or assembled with four or more pieces (Refer to Attached Fig. 1).	rope, cordage
104	三つ打ちロープ	MITU UTI RŌPU	Rope twisted from three strands (Refer to Attached Fig. 2).	three strand rope
105	四つ打ちロープ	YOTU UTI RŌPU	Rope twisted from four strands (Refer to Attached Fig. 3).	four strand rope
106	六つ打ちロープ	MUTU UTI RŌPU	Rope twisted from six strands (Refer to Attached Fig. 4).	six strand rope
107	八つ打ちロープ	YATU UTI RŌPU	Rope with two strands of four Z twist stands and four S twist strands in parallel (Refer to Attached Fig. 5).	eight strand plaited rope
108	二重組打ちロープ	NIZYŪ KUMI UTI RŌPU	Rope composed of an outer layer and of an inner layer and formed in a braid structure (Refer to Attached Fig. 6).	double braid rope
109	Zより	ZETTO YORI	Twisting with the twist direction of the rope in "Z" letter shape (Refer to Attached Fig. 7). This is also called right hand lay.	right hand lay, Z twist

No.	Term (Japanese character)	Reading	Definition	English equivalent (Informative reference)
110	S ょ り	ESU YORI	Twisting with the twist direction of the rope in "S" letter shape (Refer to Attached Fig. 7). This is also called left hand lay.	left hand lay, S twist
111	ロープの山	RŌPU NO YAMA	The part contacting the circumscribed circle of rope (Refer to Attached Fig. 8).	crown

(2) Terms relating to products

No.	Term (Japanese character)	Reading	Definition	English equivalent (Informative reference)
201	ホーサ	HŌSA	Rope thick in diameter used mainly for mooring.	hawser, mooring line
202	ひき(曳) 綱	HIKI ZUNA	Rope used when towing a ship, sea structure, etc.	tug rope
203	標識ロープ	HYŌSIKI RŌPU	Rope twisted together with black and yellow strands, used for discrimination of specific regions of a factory site or the like.	sign rope
204	登山用ロープ	TOZANYŌ RŌPU	Rope for safety used in mountaineering, rock climbing, or the like.	climbing rope, mountaineering rope
205	命 綱	INOTI ZUNA	Rope for safety used with dangerous work in high places or the like.	safety rope, life line
206	スリングロープ	SURINGU RŌPU	Rope for slinging used in material handling.	rope sling