

ISO 6622-1:2021 (E)

Internal combustion engines — Piston rings — Part 1: Rectangular rings made of cast iron

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Overview
5	Ring types and designation examples
5.1	Overview
5.2	Type R — Straight faced rectangular ring
5.2.1	General features
5.2.2	Designation
5.3	Type B — Barrel faced rectangular ring
5.3.1	General features
5.3.2	Designation
5.4	Type BA — Asymmetrical barrel faced rectangular ring $h_1 \geq 1,2$ mm
5.4.1	General features
5.4.2	Designation
5.5	Type M — Taper faced rectangular ring
5.5.1	General features
5.5.2	Designation
6	Common features
6.1	Face coating types
6.2	Face shape types
6.3	Piston ring twist features
6.3.1	Taper faced rectangular ring with partly cylindrical machined (LM) or lapped (LP) peripheral surface
6.4	Chamfered edges
6.5	Type R, B, BA and M rings (fully faced, semi-inlaid and inlaid) — Plating/coating thickness
6.6	Type R, B, BA, and M rings — Nitrided case depth
7	Force factors
8	Dimensions

Page count: 26