ISO 6624-1:2001-08 (E)

Internal combustion engines - Piston rings - Part 1: Keystone rings made of cast iron

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative reference 1

3 Overview 1

4 Ring types and designation examples 2
4.1 Type T -- Straight faced keystone ring 6° 2
4.2 Type TB -- Symmetrical barrel faced keystone ring 6° 4
4.3 Type TBA -- Asymmetrical barrel faced keystone ring 6° 6
4.4 Type TM -- Taper faced keystone ring 6° 8
4.5 Type K -- Straight faced keystone ring 15° 9
4.6 Type KB -- Symmetrical barrel faced keystone ring 15° 10
4.7 Type KBA -- Asymmetrical barrel faced keystone ring 15° 11
4.8 Type KM -- Taper faced keystone ring 15° 12

5 Common features 13
5.1 Type T, TB, TBA, TM, K, KB, KBA, KM rings -- Inside chamfered edges (KI) 13
5.2 Type T, TB, TBA, TM, K, KB, KBA, KM rings (positive twist type) internal bevel or internal step top side 13
5.3 Type TM or KM rings with partly cylindrical machined (LM) or lapped (LP) peripheral surface 14
5.4 Type T, TB, TBA, TM, K, KB, KBA, KM rings -- Plating/coating configuration 15

6 Force Factors 17

7 Dimensions 18

Bibliography 26