

ISO 6624-3:2017-04 (E)

Internal combustion engines - Piston rings - Part 3: Keystone rings made of steel

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative reference	1
3	Terms and definitions	1
4	Overview	1
5	Ring types and designation examples	1
5.1	Type T -- Straight faced keystone ring 6°	1
5.1.1	General features	1
5.1.2	Designation	2
5.2	Type TB -- Symmetrical barrel faced keystone ring 6°	2
5.2.1	General features	2
5.2.2	Designation	4
5.3	Type TBA -- Asymmetrical barrel faced keystone ring 6°	4
5.3.1	General features	4
5.3.2	Designation	5
5.4	Type TM -- Taper faced keystone ring 6°	5
5.4.1	General features	5
5.4.2	Designation	7
5.5	Type K -- Straight faced keystone ring 15°	7
5.5.1	General features	7
5.5.2	Designation	7
5.6	Type KB -- Symmetrical barrel faced keystone ring 15°	8
5.6.1	General features	8
5.6.2	Designation	8
5.7	Type KBA -- Asymmetrical barrel faced keystone ring 15°	9
5.7.1	General features	9
5.7.2	Designation	9
5.8	Type KM -- Taper faced keystone ring 15°	10
5.8.1	General features	10
5.8.2	Designation	10
6	Common features	10
6.1	Type T, TB, TBA, TM, K, KB, KBA, KM rings -- Outside and inside rounded edges	10
6.2	Type T, TB, TBA, TM, K, KB, KBA, KM rings (positive twist type) -- Internal bevel top side	11
6.3	Type TM or KM rings with partly cylindrical machined (LM) or lapped (LP) peripheral surface	12
6.4	Type T, TB, TBA, TM, K, KB, KBA, KM rings -- Plating or coating configuration	12
6.4.1	Chromium plated or spray coated rings	12
6.4.2	Nitrided surface	14
6.4.3	PVD rings	15
7	Force factors	15
Bibliography		23