

ISO 17396:2024-09 (E)

Synchronous belt drives - Metric pitch - Tooth profiles T and AT endless and open ended belts and pulleys

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	2
5	Belt profile systems	2
6	Belt nomenclature	2
7	Pulley profile systems	3
8	Pulley nomenclature	3
9	Belt profile systems T and AT	4
9.1	Belt profile systems T and AT -- General	4
9.2	Profile system T -- Belt tooth dimensions and tolerances	5
9.3	Profile system AT -- Belt tooth dimensions and tolerances	5
10	Belt widths and tolerances	6
11	Pitch length measurement	6
11.1	Endless belts manufactured in circular moulds	6
11.2	For very long endless belts and open belts	7
11.3	Total measuring forces	8
11.4	Procedures	8
11.4.1	For endless belts manufactured in circular moulds	8
11.4.2	For very long endless belts and open belts	9
11.5	Belt length tolerances	9
12	Pulleys	10
12.1	General profile system T	10
12.1.1	General	10
12.1.2	Profile system T -- Pulley groove dimensions and tolerances	10
12.1.3	Profile system T -- Pulley groove profile	11
12.1.4	Profile system T -- Pulley diameters	11
12.1.5	Profile system T -- Pulley width	12
12.2	General profile system AT	13
12.2.1	General	13
12.2.2	Profile system AT -- Pulley groove profile dimensions and tolerances	13
12.2.3	Profile system AT -- Pulley groove profile	14
12.2.4	Profile system AT -- Pulley diameters	14
12.2.5	Pulley system AT -- Pulley width	15
Annex A (normative)	Pulley tolerances	16