

DIN EN ISO 13669:2025-12 (E)

Fasteners - Grooved pins - General requirements (ISO 13669:2025)

Contents		Page
Foreword.....		iv
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Shapes and ends for grooved pins.....	2
4.1	Ends for grooved pins.....	2
4.2	Groove ends.....	2
4.3	Groove shapes.....	3
4.3.1	Diamond groove (symbol D).....	3
4.3.2	oval groove (symbol O).....	3
4.3.3	progressive groove (symbol P).....	3
5	Principles for grooved pins and assembly.....	3
5.1	Principles for grooved pins.....	3
5.2	Assembly.....	4
6	Dimensions and tolerances.....	5
6.1	General.....	5
6.2	Expanded diameter d_2 and control method.....	5
6.3	Pin straightness.....	7
7	Mechanical and physical properties.....	7
7.1	General.....	7
7.2	Shear resistance.....	7
7.3	Hardness.....	8
7.4	Pins in materials other than non-heat treated steel or stainless steel.....	9
8	Inspection.....	9
8.1	Manufacturer's inspection.....	9
8.2	Supplier's inspection.....	10
8.3	Purchaser's inspection.....	10
8.4	Delivery of test results.....	10
9	Marking and labelling.....	10
9.1	Marking on grooved pins.....	10
9.2	Labelling on packages.....	10
Annex A (informative)	Control of straightness for grooved pins.....	11
Bibliography.....		16