

DIN EN ISO 3506-7:2026-06 (E)

Fasteners - Mechanical properties of corrosion-resistant stainless steel fasteners - Part 7: Flat washers with specified grades and property classes (ISO 3506-7:2024)

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols	2
5 Designation system for stainless steel grades and property classes of washers, and combination with bolts, screws, studs and nuts	3
5.1 General.....	3
5.2 Designation of stainless steel grades (first block).....	4
5.3 Designation of property classes (second block).....	4
5.4 Combination of washers with bolts, screws, studs and nuts.....	4
5.4.1 Stainless steel grade combination.....	4
5.4.2 Property class combination.....	4
6 Materials	5
6.1 Chemical composition.....	5
6.2 Surface condition (finish and/or coating).....	6
6.3 Corrosion resistance.....	7
6.4 Magnetic properties.....	7
7 Requirements for mechanical and physical properties	7
8 Inspection	7
8.1 Manufacturer's inspection.....	7
8.2 Supplier's inspection.....	8
8.3 Purchaser's inspection.....	8
8.4 Delivery of test results.....	8
9 Hardness test	8
9.1 General.....	8
9.2 Test procedure.....	8
9.3 Requirements.....	9
10 Marking and labelling	9
10.1 General.....	9
10.2 Marking on the washers.....	9
10.2.1 General.....	9
10.2.2 Marking of the property class on the washers.....	10
10.2.3 Examples of marking on the washers.....	10
10.3 Marking of the packages (labelling).....	11
Annex A (informative) Selection of standardized materials for stainless steel washers	12
Bibliography	14