

# DIN EN 10164:2018-12 (E)

## Steel products with improved deformation properties perpendicular to the surface of the product - Technical delivery conditions

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Designation .....	5
5	Information to be supplied by the purchaser .....	6
5.1	Mandatory information .....	6
5.2	Options .....	6
6	Requirements .....	6
6.1	Reduction of Area .....	6
6.2	Internal soundness .....	7
7	Inspection - Test unit for through thickness testing .....	7
7.1	General .....	7
7.2	Flat products .....	7
7.3	Sections .....	8
8	Preparation of samples and test pieces .....	8
8.1	Identification of samples and test pieces .....	8
8.2	Location and orientation of samples and test pieces .....	8
8.2.1	Preparation of samples .....	8
8.2.2	Preparation of test pieces .....	9
9	Test methods .....	13
9.1	Tensile test .....	13
9.2	Retest .....	14
9.3	Invalidation of tests .....	14
9.4	Sorting and reprocessing .....	14
10	Marking, labelling and packaging .....	14
11	Complaints .....	14
12	Options (see 5.2) .....	15
Bibliography .....		16