

DIN EN ISO 81714-1:2010-11 (E)

Design of graphical symbols for use in the technical documentation of products - Part 1: Basic rules (ISO 81714-1:2010)

Contents	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Markers	5
5 Design of graphical symbols	6
5.1 Graphic representation	6
5.2 Design procedure	6
6 Design principles	6
6.1 Shape	6
6.2 Operational state	7
6.3 Classes of graphical symbols	7
6.4 Combination of graphical symbols	7
6.5 Grid; module	10
6.6 Line width and module size	10
6.7 Lines and arcs	10
6.8 Minimum space between parallel lines	11
6.9 Hatched and filled areas	11
6.10 Connect node	11
6.11 Position of a connect node	11
6.12 Terminal line	11
6.13 Reference point	12
6.14 Text assigned to graphical symbols	12
6.15 Size of graphical symbols	13
6.16 Symbol identifier	13
7 Modification of proportions	13
8 Variants of graphical symbols	13
Bibliography	17