

ISO 15787:2001-12 (E)

Technical product documentation - Heat-treated ferrous parts - Presentation and indications

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms, definitions and abbreviations	1
4	Indications in drawings	2
4.1	General	2
4.2	Material data	2
4.3	Heat-treatment condition	2
4.4	Hardness data	2
4.5	Marking of measuring points	3
4.6	Hardness depth	3
4.7	Carburization depth (CD)	3
4.8	Compound layer thickness (CLT)	4
4.9	Strength data	4
4.10	Microstructure	4
5	Graphical representation	4
5.1	General	4
5.2	Heat-treatment of the entire part	4
5.3	Local heat-treatment	5
5.4	Drawings providing specific indication of heat-treatment	5
6	Practical examples	6
6.1	General	6
6.2	Quench hardening, quench hardening and tempering, austempering	6
6.3	Surface hardening	8
6.4	Surface fusion hardening	14
6.5	Case hardening	16
6.6	Nitriding and nitrocarburizing	21
6.7	Annealing	24
Annex A (informative) Tables		25