

ISO 8539:2009-03 (E)

Forged steel lifting components for use with Grade 8 chain

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Safety requirements	2
4.1	General	2
4.2	Materials	2
4.3	Heat treatment	3
4.4	Manufacturing methods and workmanship	4
4.5	Mechanical properties	4
5	Verification of safety requirements	6
5.1	Qualification of personnel	6
5.2	Type examination and type tests	6
5.3	Manufacturing examination	7
5.4	Manufacturing tests	7
5.5	Test regime and acceptance criteria	8
6	Marking	9
6.1	Components	9
6.2	Load-bearing pins	9
7	Manufacturer's declaration	9
8	Instructions for use	9
Annex A (informative) Calculation of mechanical properties		10
Annex B (informative) Designation system for forged steel components -- Grade 8		11
Bibliography		12