

# DIN EN 12385-4:2008-06 (E)

## Steel wire ropes - Safety - Part 4: Stranded ropes for general lifting applications (includes Amendment A1:2008)

---

<b>Contents</b>	<b>Page</b>
Foreword .....	3
Introduction .....	4
1 <b>Scope</b> .....	4
2 <b>Normative references</b> .....	4
3 <b>Terms and definitions</b> .....	5
4 <b>Hazards</b> .....	5
5 <b>Safety requirements and/or measures</b> .....	5
6 <b>Verification of safety requirements and/or measures</b> .....	8
7 <b>Information for use</b> .....	8
17     .....	22
<b>!! Requirements of EU Directive 98/37/EC</b> .....	26
<b>!! Requirements of EU Directive 2006/42/EC</b> .....	27
<b>Bibliography</b> .....	28
<b>Annex ZB (informative) !Relationship between this European Standard and the Essential Annex ZA (informative) !Relationship between this European Standard and the Essential Annex A (normative) Calculation of minimum breaking force for those ropes covered by Tables 5 to Annex C (informative) Calculation of approximate nominal length mass of ropes over 60mm diameter</b> .....	24
<b>Annex B (normative) Summary of factors for calculations</b> .....	23
<b>Annex D (informative) Information which should be provided with an enquiry or an order</b> .....	25