

# ISO 15835-1:2009-04 (E)

## Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 1: Requirements

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Symbols .....</b>	<b>3</b>
<b>5</b>	<b>Requirements .....</b>	<b>3</b>
<b>5.1</b>	<b>General .....</b>	<b>3</b>
<b>5.2</b>	<b>Strength and ductility under static forces .....</b>	<b>4</b>
<b>5.3</b>	<b>Slip under static forces .....</b>	<b>5</b>
<b>5.4</b>	<b>Properties under high cycle elastic fatigue loading .....</b>	<b>5</b>
<b>5.5</b>	<b>Properties under low cycle reverse elastic-plastic loading .....</b>	<b>5</b>
<b>5.6</b>	<b>Marking and traceability .....</b>	<b>6</b>
<b>5.7</b>	<b>Installation instructions .....</b>	<b>6</b>
<b>6</b>	<b>Evaluation of conformity .....</b>	<b>6</b>
<b>Annex A (normative) System for certification of couplers .....</b>		<b>7</b>
<b>Annex B (normative) Evaluation of conformity based on testing of batches .....</b>		<b>11</b>
<b>Annex C (informative) Categories of reinforcement couplers .....</b>		<b>12</b>
<b>Annex D (informative) Items to be specified .....</b>		<b>13</b>
<b>Annex E (informative) Example of calculation of 99 % characteristic strength based on test results</b>		<b>14</b>