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**Toplotno obdelana, legirana in avtomatna jekla - 3. del: Cementacijska jekla - Dopolnilo A1 (ISO 683-3:2022/DAM 1:2026)**

Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels - Amendment 1 (ISO 683-3:2022/DAM 1:2026)

Für eine Wärmebehandlung bestimmte Stähle, legierte Stähle und Automatenstähle - Teil 3: Einsatzstähle - Änderung 1 (ISO 683-3:2022/DAM 1:2026)

Aciers pour traitement thermique, aciers alliés et aciers pour décolletage - Partie 3: Aciers pour cémentation - Amendement 1 (ISO 683-3:2022/DAM 1:2026)

**Ta slovenski standard je istoveten z: EN ISO 683-3:2022/prA1**

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**ICS:**

|           |                            |                       |
|-----------|----------------------------|-----------------------|
| 77.140.10 | Jekla za toplotno obdelavo | Heat-treatable steels |
| 77.140.20 | Visokokakovostna jekla     | Stainless steels      |

**SIST EN ISO 683-3:2022/oprA1:2026**      **en,fr,de**

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# DRAFT Amendment

## ISO 683-3:2022/ DAM 1

### Heat-treatable steels, alloy steels and free-cutting steels —

#### Part 3: Case-hardening steels AMENDMENT 1

*Aciers pour traitement thermique, aciers alliés et aciers pour  
décolletage —*

*Partie 3: Aciers pour cémentation*

AMENDEMENT 1

ICS: 77.140.20; 77.140.10

ISO/TC 17/SC 4

Secretariat: **DIN**

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**ISO/CEN PARALLEL PROCESSING**

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## ISO 683-3:2022/DAM 1:2026(en)

**Heat-treatable steels, alloy steels and free-cutting steels —****Part 3:  
Case-hardening steels****AMENDMENT 1****Addition of heat treatment +RCT****Addition to clause 3.2 “Terms and definitions”**

Change definition 3.2 to 3.3 and 3.3 to 3.4 and add a new definition 3.2 with following wording:

3.2

rapid cooled and tempered (+RCT)

heat treatment first by rapid cooling and followed by tempering to produce a ferritic matrix with homogeneously distributed high tempered martensitic/bainitic phase

**Change to 6.3.2 “Particular heat-treatment conditions”**

Replace “row numbers 3 to 8” by “row numbers 3 to 9”

**Change to 7.2 “Machinability”**

Replace first sentence by “All steels are machinable in the conditions “soft-annealed”, “treated to hardness range”, “treated to ferrite/pearlite structure”, “normalized” and “rapid cooled and tempered”

**Change to Table 1 “Combinations of usual heat-treatment conditions at delivery, product forms and requirements according to Tables 3 to 7”**

Insert row 8 as below