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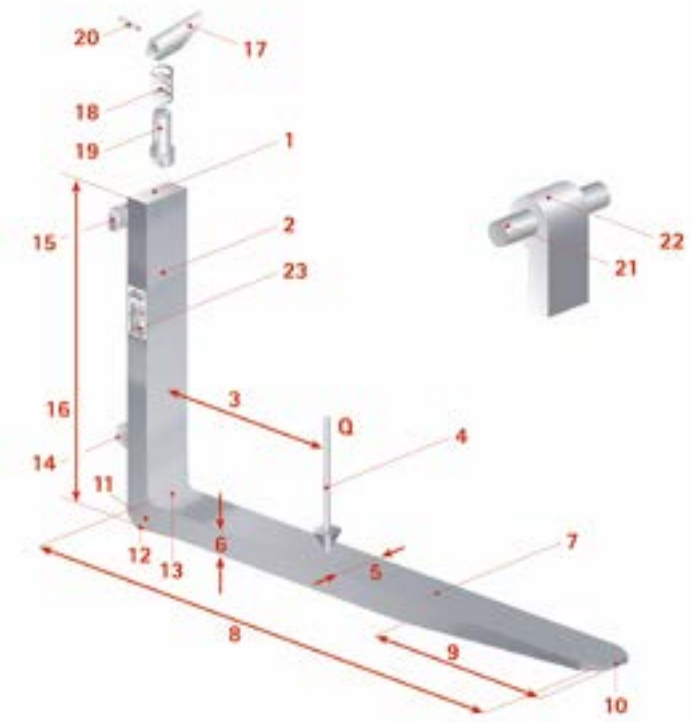
# Fork knowledge

## Terms and stamping

## Structure of a fork




| | |
|---|---|
| 1 | Fork head |
| 2 | Back / shank |
| 3 | Load center (LC) |
| 4 | Load (Q) |
| 5 | Fork width (GB) |
| 6 | Fork thickness (GD) |
| 5 x 6 | Cross-section (width x thickness) |
| 7 | Fork blade |
| 8 | Blade length (L) |
| 9 | Taper |
| 10 | Fork tip |
| 11 | Heel |
| 12 | Wear zone |
| 13 | Inner heel |
| 14 | Lower hook |
| 15 | Upper hook |
| 14 + 15 | Suspension |
| 16 | Backheight |
| 17 | Lever |
| 18 | Spring |
| 19 | Bolt |
| 20 | Pin |
| 17 - 20 | Locking device / positioning lock |
| 21 | Shaft |
| 22 | Eye / tube |
| 23 | Marking / stamping |

## Stamping

ISO 2330 requires the permanent marking of forks. Such marking is important e.g. in order to identify forks. Any fork without marking should be replaced.

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| t | t | t | t | X | l | l | l | $t_2$ | $t_2$ | $t_2$ | $t_2$ | X | $l_2$ | $l_2$ | $l_2$ * | C | C | C | C | |
| M | M | M | . | M | V | W | W | J | J | F | F | F | F | F | F | F | | | | |

A: Article number (optional)
t: Rated capacity per piece in kg
l: Load center (LC)
M: Material
V: Manufacturer´s logo / sign
W: Week of production
J: Year of production
C: Material code
F: No. of production order, traceability to delivery state

**Note:** If fork blade thickness differs to fork back thickness, the wear limit Smin is stamped. Please observe during fork inspection.

* Alternative load capacity with changed load centre

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