

# DIN 6885 Parallel Keys Specification

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Keys · DIN 6885 / ISO 773

Dimensional table, tolerance classes and the DIN / ISO / ASME parts that supersede or match this standard.

DIN 6885 specifies the dimensions and tolerances for parallel keys. The full dimensional table is reproduced below, followed by the DIN, ISO and ASME parts that match or supersede it.

## Standard

DIN 6885

## Product

Parallel Keys

## Governing standards

DIN 6885 / ISO 773

Equivalence between national standards is dimensional, not always metallurgical. Check the property class separately when substituting.



DIN 6885 is the standard cited for parallel keys. This page sets out what the standard controls for this part, reproduces the dimensional table supplied against it, and notes the related designations referenced on drawings.

## **DIN 6885 — Scope**

DIN 6885 specifies the dimensional requirements for parallel keys. Material, surface condition and any performance rating are set by separate documents specific to this part family — ISO 898-1 and ISO 898-2, which govern bolt and nut property classes, do not apply here.

## **Tolerance & Product Grades**

Tolerances for parallel keys are given as limits on the individual dimensions in the table rather than as a fastener product grade. Where a general-tolerance class is cited on the drawing instead, it applies to the dimensions not otherwise toleranced.

## Dimensions Specified by DIN 6885

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 6~8                       | 2                | 2                 | 6~20                  | 1.2                        | 1.0                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 8~10                      | 3                | 3                 | 6~36                  | 1.8                        | 1.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 10~12                     | 4                | 4                 | 8~45                  | 2.5                        | 1.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 12~17                     | 5                | 5                 | 10~56                 | 3.0                        | 2.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 17~22                     | 6                | 6                 | 14~70                 | 3.5                        | 2.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 22~30                     | 8                | 7                 | 18~90                 | 4.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 30~38                     | 10               | 8                 | 22~110                | 5.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 38~44                     | 12               | 8                 | 28~140                | 5.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 44~50                     | 14               | 9                 | 36~160                | 5.5                        | 3.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 50~58                     | 16               | 10                | 45~180                | 6.0                        | 4.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 58~65                     | 18               | 11                | 50~200                | 7.0                        | 4.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 65~75                     | 20               | 12                | 56~220                | 7.5                        | 4.9                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 75~85                     | 22               | 14                | 63~250                | 9.0                        | 5.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 85~95                     | 25               | 14                | 70~280                | 9.0                        | 5.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 95~110                    | 28               | 16                | 80~320                | 10.0                       | 6.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 110~130                   | 32               | 18                | 90~360                | 11.0                       | 7.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 130~150                   | 36               | 20                | 100~400               | 12.0                       | 8.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 150~170                   | 40               | 22                | 100~400               | 13.0                       | 9.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 170~200                   | 45               | 25                | 110~450               | 15.0                       | 10.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 200~230                   | 50               | 28                | 125~500               | 17.0                       | 11.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 230~260                   | 56               | 32                | 140~500               | 20.0                       | 12.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 260~290                   | 63               | 32                | 160~500               | 20.0                       | 12.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 290~330                   | 70               | 36                | 180~500               | 22.0                       | 14.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 330~380                   | 80               | 40                | 200~500               | 25.0                       | 15.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 380~440                   | 90               | 45                | 220~500               | 28.0                       | 17.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 440~500                   | 100              | 50                | 250~500               | 31.0                       | 19.5                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

## Companion Standards

DIN 6885 controls only the geometry of parallel keys. Surface finish is governed by separate finish standards (for example ISO 4042 for electroplating), and corrosion testing by ISO 9227 (neutral salt spray). Mechanical performance is set by the standards specific to this part family, not by ISO 898-1 or ISO 898-2, which apply to bolts, screws and nuts.

## When to Specify DIN 6885

DIN 6885 is still widely used in European mechanical engineering and as a cross-reference on legacy drawings; its ISO equivalent is preferred for new designs.

## Technical Drawing

Customize the parameters below — every spec field is editable, and the drawing redraws to match the values you choose.

Changing the size will snap the other fields to that size's standard values; you can then override any individual value.

Sends the selected values to the quote form below.

## Request a Quote

The form below follows the current technical drawing configuration. Change the drawing values above and the request details update automatically.

## Dimensions & Specifications (DIN 6885 / ISO 773)

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 6~8                       | 2                | 2                 | 6~20                  | 1.2                        | 1.0                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 8~10                      | 3                | 3                 | 6~36                  | 1.8                        | 1.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 10~12                     | 4                | 4                 | 8~45                  | 2.5                        | 1.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 12~17                     | 5                | 5                 | 10~56                 | 3.0                        | 2.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 17~22                     | 6                | 6                 | 14~70                 | 3.5                        | 2.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 22~30                     | 8                | 7                 | 18~90                 | 4.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 30~38                     | 10               | 8                 | 22~110                | 5.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 38~44                     | 12               | 8                 | 28~140                | 5.0                        | 3.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 44~50                     | 14               | 9                 | 36~160                | 5.5                        | 3.8                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 50~58                     | 16               | 10                | 45~180                | 6.0                        | 4.3                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 58~65                     | 18               | 11                | 50~200                | 7.0                        | 4.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 65~75                     | 20               | 12                | 56~220                | 7.5                        | 4.9                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 75~85                     | 22               | 14                | 63~250                | 9.0                        | 5.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 85~95                     | 25               | 14                | 70~280                | 9.0                        | 5.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 95~110                    | 28               | 16                | 80~320                | 10.0                       | 6.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 110~130                   | 32               | 18                | 90~360                | 11.0                       | 7.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 130~150                   | 36               | 20                | 100~400               | 12.0                       | 8.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 150~170                   | 40               | 22                | 100~400               | 13.0                       | 9.4                      | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 170~200                   | 45               | 25                | 110~450               | 15.0                       | 10.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 200~230                   | 50               | 28                | 125~500               | 17.0                       | 11.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 230~260                   | 56               | 32                | 140~500               | 20.0                       | 12.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 260~290                   | 63               | 32                | 160~500               | 20.0                       | 12.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 290~330                   | 70               | 36                | 180~500               | 22.0                       | 14.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 330~380                   | 80               | 40                | 200~500               | 25.0                       | 15.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

| Shaft diameter range (mm) | Key width b (mm) | Key height h (mm) | Key length range (mm) | Shaft groove depth t1 (mm) | Hub groove depth t2 (mm) | Reference standard        | Notes                                                    |
|---------------------------|------------------|-------------------|-----------------------|----------------------------|--------------------------|---------------------------|----------------------------------------------------------|
| 380~440                   | 90               | 45                | 220~500               | 28.0                       | 17.4                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |
| 440~500                   | 100              | 50                | 250~500               | 31.0                       | 19.5                     | DIN 6885 type A / ISO 773 | Type A round ends; B square ends; C one round one square |

## Materials & Grades

Select a material class to see the grades we supply it in. Each designation is listed with its ISO/EN, AISI/SAE, JIS and GB equivalents.

[Stainless Steel](#)
[38 Carbon Steel](#)
[66 Alloy Steel](#)
[41 Bearing Steel](#)
[5 Spring Steel](#)
[25 Aluminum and Aluminum Alloys](#)
[21 Brass](#)
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[8 Titanium and Titanium Alloys](#)
[18 Nickel and Nickel Alloys](#)
[22 Iron-Nickel and High-Temperature Alloys](#)
[10 Tool Steel and Specialty Hardened Steel](#)
[9 Structural and Construction Steel](#)
[9](#)

### Stainless Steel

#### Austenitic Stainless Steel

- A1 AISI 303 · SAE 303 · SUS303 · EN 1.4305 · X8CrNiS18-9
- A2 AISI 304 · SAE 304 · SUS304 · EN 1.4301 · X5CrNi18-10 · 06Cr19Ni10
- 304L AISI 304L · SUS304L · EN 1.4307 · X2CrNi18-9 · 022Cr19Ni10
- 302 AISI 302 · SUS302 · EN 1.4310
- 305 AISI 305 · SUS305 · EN 1.4303
- A4 AISI 316 · SAE 316 · SUS316 · EN 1.4401 · X5CrNiMo17-12-2 · 06Cr17Ni12Mo2
- 316L AISI 316L · SUS316L · EN 1.4404 · X2CrNiMo17-12-2 · 022Cr17Ni12Mo2
- 321 AISI 321 · SUS321 · EN 1.4541 · X6CrNiTi18-10
- 310 / 310S AISI 310 · AISI 310S · SUS310S · EN 1.4845
- 302HQ AISI 302HQ
- A3
- A5
- 347 AISI 347 · SUS347 · EN 1.4550 · X6CrNiNb18-10
- 309 / 309S AISI 309 · AISI 309S · SUS309S

### **Martensitic Stainless Steel**

- AISI 410 SUS410 · EN 1.4006 · X12Cr13 · 12Cr13
- AISI 420 SUS420J1 · SUS420J2 · EN 1.4021 · EN 1.4028 · 20Cr13 · 30Cr13
- AISI 431 SUS431 · EN 1.4057 · X17CrNi16-2
- C1
- C3
- C4
- AISI 440A
- AISI 440B
- AISI 440C SUS440C · EN 1.4125

### **Ferritic Stainless Steel**

- AISI 430 SUS430 · EN 1.4016 · X6Cr17 · 10Cr17
- F1
- AISI 434
- AISI 444

### **Precipitation-Hardening Stainless Steel**

- 17-4 PH AISI 630 · UNS S17400 · SUS630 · EN 1.4542 · X5CrNiCuNb16-4
- 15-5 PH UNS S15500
- 17-7 PH UNS S17700

### **Duplex and Super Duplex Stainless Steel**

- Duplex 2205 UNS S31803 · UNS S32205 · EN 1.4462
- Super Duplex 2507 UNS S32750 · EN 1.4410
- D2
- D4
- D6
- D8
- Lean Duplex 2101 UNS S32101
- Super Duplex S32760 UNS S32760 · EN 1.4501

## Carbon Steel

### Low-Carbon Steel

- SAE 1006
- SAE 1008
- SAE 1010
- SAE 1018
- SAE 1020
- Q195
- Q235
- SAE 1012
- SAE 1015
- Q215
- ML08
- ML08AI
- ML10
- ML15
- ML20
- SWRCH6A
- SWRCH8A
- SWRCH10A
- SWRCH12A
- SWRCH15A
- SWRCH18A

### Medium-Carbon Steel

- SAE 1035
- SAE 1045
- S45C
- C45
- SAE 1030
- SAE 1040
- SAE 1050
- 30
- 35

- 40
- 45
- 50
- S35C
- S40C
- S50C
- C35
- C40

### **High-Carbon Steel**

- SAE 1060
- SAE 1070
- 65Mn
- SAE 1065
- SAE 1075
- SAE 1080
- SAE 1085
- SAE 1090
- SAE 1095
- 60
- 65
- 70
- 75
- 80
- 85

### **Cold-Heading Steel**

- SWRCH22A
- 10B21
- SWRCH22K
- SWRCH25K
- SWRCH30K
- SWRCH35K
- SWRCH40K
- ML20Mn
- ML25

- ML30
- ML35
- ML40
- 15B25

## **Alloy Steel**

### **Chromium Steel**

- 40Cr
- 45Cr
- AISI 5140
- SAE 5140
- AISI 5120
- SAE 5120
- SCr420
- SCr440

### **Chromium-Molybdenum Steel**

- 35CrMo
- 42CrMo
- AISI 4140
- SCM435
- SCM440
- 42CrMo4
- 30CrMo
- AISI 4130
- SAE 4130
- SAE 4140
- AISI 4142
- AISI 4145
- SCM415
- SCM420
- SCM445
- EN 1.7220
- EN 1.7225
- 25CrMo4

- 34CrMo4

## **Nickel-Chromium-Molybdenum Steel**

- AISI 4340
- SAE 4340
- 40CrNiMo
- SNCM439
- EN 1.6511
- 36CrNiMo4

## **Boron Alloy Steel**

- 10B22
- 10B21
- 15B21
- 15B25
- 20MnTiB
- 20Mn2B
- 35VB
- 40MnB

## **Bearing Steel**

### **Bearing Steel**

- GCr15
- AISI 52100 SAE 52100 · UNS G52986
- SUJ2
- 100Cr6 EN 1.3505
- GCr15SiMn

## **Spring Steel**

### **Carbon Spring Steel**

- SAE 1065
- SAE 1070
- SAE 1075
- SAE 1080

- SAE 1095
- 65
- 70
- 75
- 80
- 65Mn

### **Silicon-Manganese Spring Steel**

- 60Si2Mn
- 60Si2MnA
- SUP6
- SUP7

### **Chromium-Vanadium Spring Steel**

- 50CrVA
- SAE 6150
- AISI 6150
- SUP10

### **Stainless Spring Steel**

- AISI 301
- SUS301
- EN 1.4310
- AISI 302
- AISI 304
- AISI 316
- 17-7 PH

## **Aluminum and Aluminum Alloys**

### **Commercially Pure Aluminum**

- 1050
- 1060
- 1070
- 1100

## **2xxx Series Aluminum**

- 2024
- 2011
- 2014
- 2017

## **5xxx Series Aluminum**

- 5052
- 5083
- 5754

## **6xxx Series Aluminum**

- 6061
- 6061-T6
- 6063
- 6082
- 6082-T6

## **7xxx Series Aluminum**

- 7075
- 7075-T6
- 7005
- 7050
- 7075-T73

## **Brass**

### **Free-Cutting Brass**

- C36000
- H62
- HPb59-1
- C3601
- C3602
- C3604
- CuZn36Pb3

- CuZn39Pb3
- EN CW614N
- EN CW617N
- H65

### **Lead-Free Brass**

- C69300
- C27450
- CW510L
- CW511L

### **Naval Brass**

- C46400
- CuZn39Sn1

### **Bronze**

#### **Silicon Bronze**

- C65500
- C65100
- C65600

#### **Phosphor Bronze**

- C51000
- C52100
- CuSn6
- CuSn8

#### **Aluminum Bronze**

- C95400
- C95500
- C63000
- CuAl10Ni5Fe4

## Copper

### Copper

- C11000
- T2
- C10100
- C10200
- C12200
- T1
- TU1
- TU2

## Titanium and Titanium Alloys

### Commercially Pure Titanium

- Grade 2
- Grade 1
- Grade 3
- Grade 4
- TA1
- TA2
- TA3

### Alpha-Beta Titanium Alloys

- Grade 5
- Ti-6Al-4V
- TC4
- UNS R56400

### Low-Interstitial Grade

- Grade 23
- Ti-6Al-4V ELI
- UNS R56407

### Other Titanium Fastener Alloys

- Ti-6Al-6V-2Sn
- Ti-6Al-2Sn-4Zr-2Mo
- Beta-C titanium
- Ti-10V-2Fe-3Al

### Nickel and Nickel Alloys

#### Commercially Pure Nickel

- Nickel 200
- UNS N02200
- Nickel 201
- UNS N02201

#### Inconel Alloys

- Inconel 625 UNS N06625
- Inconel 718 UNS N07718
- Inconel 600 UNS N06600
- Inconel 601 UNS N06601
- Inconel 686 UNS N06686
- Inconel X-750 UNS N07750

#### Monel Alloys

- Monel 400 UNS N04400
- Monel K-500 UNS N05500

#### Hastelloy Alloys

- Hastelloy C-276 UNS N10276
- Hastelloy C-22 UNS N06022
- Hastelloy B-2 UNS N10665
- Hastelloy B-3 UNS N10675
- Hastelloy X UNS N06002

#### Other Nickel Alloys

- Alloy 20 UNS N08020

- Alloy 625
- Alloy 718
- Alloy 825 UNS N08825
- Alloy 925 UNS N09925

## **Iron-Nickel and High-Temperature Alloys**

### **A286**

- A-286
- UNS S66286
- EN 1.4980

### **Invar**

- Invar 36
- Alloy 36
- UNS K93600
- FeNi36

### **Alloy 42**

- Alloy 42
- UNS K94100
- FeNi42

## **Tool Steel and Specialty Hardened Steel**

### **Tool Steel and Specialty Hardened Steel**

- AISI D2
- AISI H13
- SKD11
- Cr12MoV
- AISI O1
- AISI A2
- AISI S7
- SKD61
- 9CrSi

## Structural and Construction Steel

### Structural and Construction Steel

- ASTM A36
- Q235B
- Q355B
- S355JR
- Q235C
- Q355C
- S235JR
- S275JR
- S355J2

### Video: DIN 6885 Parallel Keys Specification



► Watch video: <https://www.youtube.com/watch?v=5O9R335skE4>

#### What Types Of Engineer & Machine Keys Are Available?

Third-party video, selected automatically for this topic. It is not produced by Engineering Hardware and is not a specification source — use the tables on this page for dimensional data.

Inside the plant

## Manufactured in our own plant

This part is cold-formed, threaded, heat-treated and finished in-house. The stages below are where its class and finish are actually decided.



1.

01

### Cold heading

Wire rod is drawn to size and cold-formed into blanks. Forming rather than cutting keeps the grain flow continuous around the head, which is where a bolt is most likely to fail.

Head dimensions and under-head radius checked at set-up and per shift.



2.

02

## Thread rolling

Threads are rolled between hardened dies rather than cut. Rolled threads are stronger in fatigue than cut threads and hold pitch and flank angle far more consistently across a batch.

Go / no-go ring gauges to ISO 965 tolerance class 6g.

3.



03

### Heat treatment

Quench-and-temper brings carbon and alloy steel to the property class ordered — 8.8, 10.9 or 12.9 — with the furnace charge tracked so a finished lot can be traced back to it.

Core hardness and tensile tested per lot to ISO 898-1.

4.



04

## Surface treatment

Zinc, zinc-nickel, hot-dip galvanizing, black oxide, phosphate and Dacromet, selected against the service environment rather than against the price list.

Coating thickness and neutral salt spray hours to ISO 9227.

## Frequently Asked Questions

Does DIN 6885 specify the mechanical strength?

No. DIN 6885 controls the dimensional requirements for parallel keys. Mechanical performance is set by the standards specific to this part family — ISO 898-1 and ISO 898-2 apply to bolts, screws and nuts and do not cover this product.

Can I substitute DIN 6885 for the corresponding DIN standard on a drawing?

On modern drawings the ISO standard is the master reference; the older DIN equivalent is a cross-reference. For most dimensional purposes the parts are interchangeable, but check tolerance grades and the head height — these are the most common points of divergence.

Which edition of DIN 6885 does this table follow?

The table reproduces the dimensions we supply parallel keys to. We do not publish an edition year against it, so where the edition is contractually significant, cite the edition you require on the enquiry and we will confirm it against the table before quoting.

What does DIN 6885 specify for Parallel Keys?

DIN 6885 specifies the dimensions and tolerances of parallel keys. Material and property class are governed by separate standards in the same family.

How do I request a quotation?

Use the technical drawing on this page to pick the exact configuration, then submit it with the quote form. We respond within one business day.

## Related Pages

[View the full Parallel Keys page](#)

### More Parallel Keys Guides

- [ISO 773 Parallel Keys](#)