



Handrails from solid wood and handrail accessories made of wood

Specification text HL_V1

General Information

Note on certified material:

We are happy to produce your desired product made of certified material (FSC or PEFC) on request. Please note that different prices and delivery times apply. The desired certification must already be known when placing an order. Certification after an order has been placed, cannot be considered.

Note on paints:

A DD coating (2-component coating based on acid-hardening melamine resin) or a UV coating is used. Both coatings meet the requirements of the DIN EN71-Teil3 standard.

1. Handrails

Fully rounded solid wood handrails

The handrails HL40-HL45 comply with the standard DIN 18040-1 (DIN EN 81-70: 2005-09, replacement for DIN 18024-2: 1996-11)

- Type of Wood: Beech steamed, Acorn, Oak, Ash, Spruce
Special type of wood: _____
Certified Material PEFC FSC No certification required
Diameter: 40mm, 42,4mm, 45mm, 49mm
Surface: sanded unlacquered,
 sanded, x2 lacquered incl. Interim sanding

The handrail rods can be finger-jointed and use wooden dowels \varnothing 15mm. Glue to connect.

Manufacturer: Franz Kolar GmbH, www.kolar.at

Product offered: _____

Amount: _____ rm

Grooved Solid Wood Handrails

- Type of wood: Beech steamed, Acorn, Oak, Ash, Spruce
Special type of wood: _____
Certified Material PEFC FSC No certification required
Diameter: 49mm with grooving 21x7mm for flat steel
Surface: sanded unlacquered,
 sanded, x2 lacquered incl. Interim sanding

The handrail rods can be finger-jointed and are use wooden dowels \varnothing 15mm. Glue to connect.

Manufacturer: Franz Kolar GmbH, www.kolar.at

Product offered: _____

Amount: _____ rm

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2. HANDRAIL ARCHES (end and corner arches)**Fully-Rounded Solid Wood Handrail arches 90°**

Outer radius 100mm. The handrail arches have to include a dowel hole \varnothing 15mm at each end.

- Type of wood: Beech Steamed, Maple, Oak, Ash, Spruce
 Special type of wood _____
 Certified Material PEFC FSC no certification required
 Diameter: 40mm, 42.4mm, 45mm, 49mm
 Embodiment: flat (F) sloped (S)
 Surface: gsanded raw
 sanded, x2 lacquered incl. interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs..

Fully-Rounded Solid Wooden Handrail arches 84° (end-arches)

Outer radius 100mm. The handrail arches have to include a dowel hole \varnothing 15mm at one end and with a lenticular curve at the other end.

- Type of wood: Beech Steamed, Maple, Oak, Ash, Spruce
 Special type of wood _____
 Certified Material PEFC FSC no certification required
 Diameter: 40mm, 42.4mm, 45mm, 49mm
 Embodiment: flat (F) sloped (S)
 Surface: gsanded raw
 sanded, x2 lacquered incl. interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs..

Fully-Rounded Solid Wood Handrail arches 45°

Outer radius 100mm. The handrail arches have to include a dowel hole \varnothing 15mm at each end.

- Type of wood: Beech Steamed, Maple, Oak, Ash, Spruce
 Special type of wood _____
 Certified Material PEFC FSC no certification required
 Diameter: 40mm, 42.4mm, 45mm, 49mm
 Embodiment: flat (F) sloped (S)
 Surface: gsanded raw
 sanded, x2 lacquered incl. interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs..



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3. HANDRAIL END

Fully-rounded handrail end. Straight handrail with milled rounding.

Surface: sanded unlacquered,
 sanded, x2 lacquered incl. Interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs..

Rounded handrail end. Handlaufende gerade mit angefräster Rundung R5.

Surface: sanded unlacquered,
 sanded, x2 lacquered incl. Interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs.

Handrail end chamfer 2x2mm. Straight handrail with milled chamfer 2x2mm.

Surface: sanded unlacquered, sanded, x2 lacquered incl.
 sanded, x2 lacquered incl. Interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs.

End Cap

Type of wood: Beech Steamed, Acorn, Oak, Ash, Spruce

Special type of wood: _____

Certified Material PEFC FSC No certification required

Diameter: 40mm, 42.4mm, 45mm, 49mm

Finish flat (F) sloped (S)

Surface: sanded unlacquered,
 sanded, x2 lacquered incl. Interim sanding

Manufacturer Franz Kolar GesmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs.

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4. Wall Brackets

All comply with the standard DIN 18040-1 (DIN EN 81-70: 2005-09, replacement for DIN 18024-2: 1996-11) (mounting at the bottom, lateral distance min. 5cm)

Wall brackets are supplied without mounting accessories (such as screws, dowels, etc.).

For fully-rounded handrails

Model	Material	Wall distance (mm)	Height (mm) HL-Axis	Measurement Rosette (mm)
HLES 1	Stainless Steel	72	39	Ø 60
HLES 2	Stainless Steel	72	49	60 x 60
HLES 3	Stainless Steel	74	50	Ø 60
HLES 4	Stainless Steel	74	80	Ø 64
HLES 6	Stainless Steel	72	42	Ø 75
HLES 7	Nickel Plated Brass	66	38	Ø 50
HLS 7	Polished Brass	66	38	Ø 50
HLER 70	Stainless Steel-Rosette fitting HLES4	---	12.5	Ø 70
HLS 61 S	Iron, black lacquered	80	46	78
HLS 61 W	Iron, white lacquered	80	46	78

Manufacturer: Franz Kolar GmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs

For grooved handrails or flattened handrails

Model	Material	Wall distance (mm)	Height (mm) HL-Axis	Measurement Rosette (mm)
HLES 2.1	Stainless Steel	72	49	60 x 60
HLES 3.1	Stainless Steel	74	48	Ø 60
BRH 60	Stainless Steel – Parapet Wall Bracket		59	Ø 60
HLS 60 S	Iron, black lacquered	80	48	78
HLS 60 W	Iron, white lacquered	80	48	78

Manufacturer: Franz Kolar GmbH, www.kolar.at

Product offered: _____

Quantity: _____ pcs