

Shaft Ladders

- Made of hot-galvanized steel or stainless steel V4A, pickled and passivated
- Type is certified in accordance with EN 14396
- In compliance with the requirements of accident prevention regulations, BGV D 36 / GUV-V D 36
- Clear width 300 mm / 400 mm
- Rectangular tube rails 50 x 20 mm, non-slip perforated rungs
- Shaft ladders made of glass-fibre reinforced plastic are available on request

Shaft Ladders, galvanized steel

Number of rungs	Length ca. m	Outside width mm	Clear width mm	Art. - No.	Outside width mm	Clear width mm	Art. - No.
4	1,12	340	300	815798	440	400	815910
5	1,40	340	300	815804	440	400	815927
6	1,68	340	300	815811	440	400	815934
7	1,96	340	300	815828	440	400	815941
8	2,24	340	300	815835	440	400	815958
9	2,52	340	300	815842	440	400	815965
10	2,80	340	300	815859	440	400	815972
11	3,08	340	300	815866	440	400	815989
12	3,36	340	300	815873	440	400	815996
13	3,64	340	300	815880	440	400	816009
14	3,92	340	300	815897	440	400	816016
15	4,20	340	300	815903	440	400	816023

Shaft Ladders, stainless steel V4A (1.4571)

Number of rungs	Length ca. m	Outside width mm	Clear width mm	Art. - No.	Outside width mm	Clear width mm	Art. - No.
4	1,12	340	300	816030	440	400	816153
5	1,40	340	300	816047	440	400	816160
6	1,68	340	300	816054	440	400	816177
7	1,96	340	300	816061	440	400	816184
8	2,24	340	300	816078	440	400	816191
9	2,52	340	300	816085	440	400	816207
10	2,80	340	300	816092	440	400	816214
11	3,08	340	300	816108	440	400	816221
12	3,36	340	300	816115	440	400	816238
13	3,64	340	300	816122	440	400	816245
14	3,92	340	300	816139	440	400	816252
15	4,20	340	300	816146	440	400	816269

Accessories for Shaft Ladders

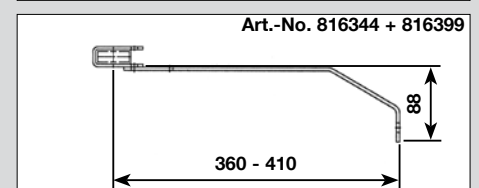
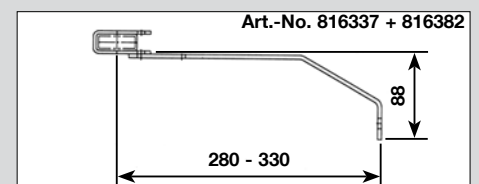
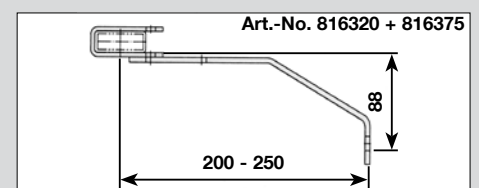
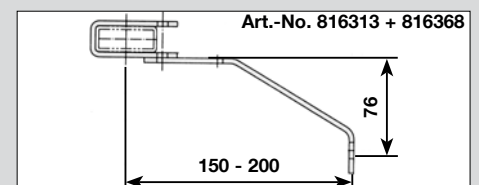
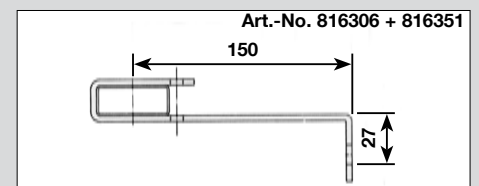
Fastening material for shaft ladders	Art.-No.
Foot plate, V4A (st.)	816917
Ladder extension joints, V4A, (set)	816283
Wall anchor, standard, 150 mm, galvanized steel, (pc.)	816306
Wall anchor, adjustable 150 - 200 mm, galvanized steel, (pc.)	816313
Wall anchor, adjustable 200-250 mm, galvanized steel, (pc.)	816320
Wall anchor, adjustable 280-330 mm, galvanized steel, (pc.)	816337
Wall anchor, adjustable, 360-410 mm, galvanized steel, (pc.)	816344
Wall anchor, standard 150 mm, V4A, (pc.)	816351
Wall anchor, adjustable, 150-200 mm, V4A, (pc.)	816368
Wall anchor, adjustable, 200-250 mm, V4A, (pc.)	816375
Wall anchor, adjustable, 280-330 mm, V4A, (pc.)	816382
Wall anchor, adjustable, 360-410 mm, V4A, (pc.)	816399

Note: In case of adjustable wall anchors, the shaft ladder must be fixed to the floor with the aid of foot plates (Art. No. 816917). If this is not possible due to structural reasons, each wall anchor must be equipped with an additional brace (available on request).



Art.-No. 815828

Accessories: Wall anchor



Note: For ladders with 4 - 9 rungs, 2 sets of wall anchors, for ladders with 10-15 rungs, 3 sets of wall anchors, for ladders with 16-24 rungs, 5 sets of wall anchors are required. 1 set = 2 pieces (right/left)

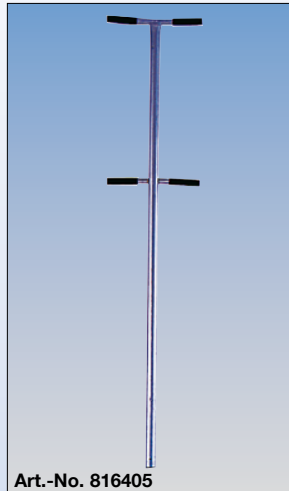
Access aids

In accordance with DIN 19 572 (holding devices for shafts) and BGV C5 (waste water systems), step iron ladders must have a holding device at their exit point in order to ensure safe entry and exit, e.g. hand bars or hand rails. The products listed below are in compliance with the specifications of DIN 19 572.

Holding Bar with two handles

- Made of stainless steel V4A (1.4571), pickled and passivated
- Highly economical due to mobile use: Only the sleeve remains fixed in the shaft.

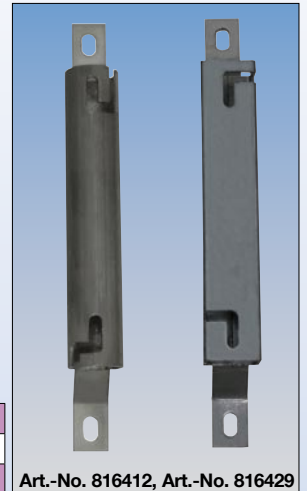
Length in m	1,60
Weight kg	3,5
Art.-No.	816405



Insert Sleeve

- Made of stainless steel V4A (1.4571), pickled and passivated (round model) or galvanized steel (square model).
- Suitable for access aid, Art. No. 816405

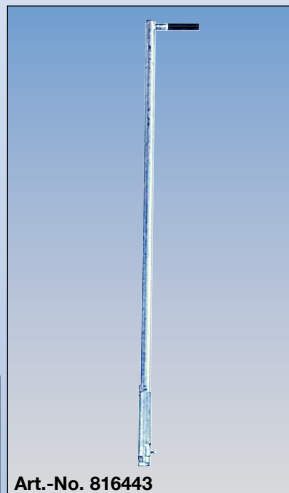
Material	V4A	Steel, galv.
Weight kg	1,1	1,1
Art.-No.	816412	816429



Holding Bar with one handle

- Made of stainless steel V4A (1.4571), pickled and passivated or galvanized steel
- Can be lowered for wall attachment
- Complete with insert sleeve

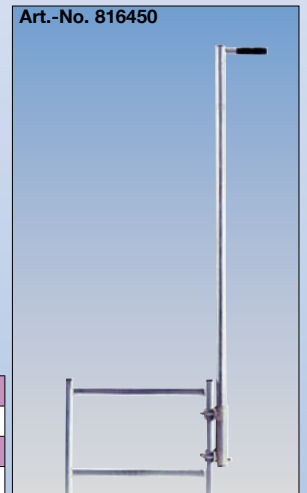
Material	V4A	Steel, galv.
Length in m	1,50	1,50
Weight kg	4,5	4,5
Art.-No.	816436	816443



Holding Bar with one handle

- Made of stainless steel V4A (1.4571), pickled and passivated or galvanized steel
- Can be lowered for attachment to the ladder rails, sizes 50x20 to 60x25 mm (not suitable for glassfibre reinforced shaft ladders)
- Complete with insert sleeve

Material	V4A	Steel, galv.
Length in m	1,50	1,50
Weight kg	5,0	5,0
Art.-No.	816450	816467

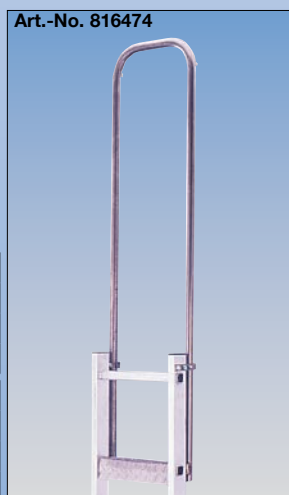


Holding Frame

- Made of stainless steel V4A (1.4571), pickled and passivated or galvanized steel
- Can be lowered, complete with fittings for ladder rail 50x20 mm, for ladder outer width of 340 mm and 440 mm

Material	V4A	Steel, galv.
Ladder width mm	340	340
Length m	1,10	1,10
Art.-No.	816474	816481

Material	V4A	Steel, galv.
Ladder width mm	440	440
Length m	1,10	1,10
Art.-No.	816498	816504



Accessories

Express Anchor

- To attach the sleeves to the shaft wall, we recommend express anchors (approved by building authorities); minimum concrete thickness is 220 mm

Art.-No.	816511
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For current product information, please refer to the various country-specific websites under www.krause-systems.com

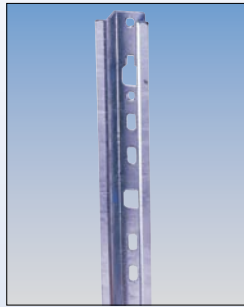
Fall Protection Systems

Fall Protection Rail with connecting link

Length in m	1,40	1,96	2,80
Steel, galvanized Art.-No.	816528	816535	816542

Length in m	1,40	1,96	2,80
Stainless steel V4A Art.-No.	816559	816566	816573

Länge m	1,40	1,96	2,80
Aluminium Art.-No.	816580	816597	816603



Plug-In Rail Device

- For access aids, to be screwed to the top rail
- Stainless steel V4A

Length in m	1,40
Art.-No.	816719



Rail Attachment or ladder rungs

- For the attachment of fall protection rails to ladders
- Attachment distance 1.68 m; for shorter ladders, at least 4 attachment points are required

Material	Steel, galv.	Stainl. steel V4A
Art.-No.	816610	816627



Rail Lock

- Stainless steel V4A

Execution	Rigid	Detachable
Art.-No.	816726	816733



Rail Attachment for ladder rail

- For lateral attachment

Rail size mm	50 x 20	60 x 25
Steel, galvanized Art.-No.	816634	816641

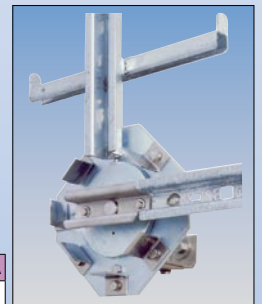
Rail size mm	50 x 20	60 x 25
Stainl. steel V4A Art.-No.	816658	816665



Rail Shunt

- For lateral exit and changing from horizontal to vertical position

Material	Steel, galv.	Stainl. steel V4A
Art.-No.	816740	816757



Rail Attachment for stirrup

- For rung distances of more or less than 280 mm

Material	Steel, galv.	Stainl. steel V4A
Art.-No.	816672	816689



Safety Runner

- With snap hook
- Smooth operation without any sharp corners and edges
- Stainless-steel tongue

Art.-No.	816764
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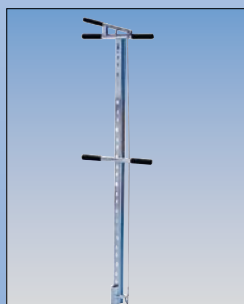


Access Aid

- Plug-in, can be rotated with handles and equipped with rotation lock

Length in m	1,40
Steel, galvanized Art.-No.	816696

Length in m	1,40
Stainl. steel V4A Art.-No.	816702



Safety Belt

- In accordance with EN 361
- Made of tear-resistant nylon straps

Art.-No.	816771
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