WÜRTH

ANCHOR CATALOGUE




WÜRTH
ALLROUNDER
WIT-VM 250
für Beton und Mauerwerk
for concrete and masonry
VERANKERN | ANCHORING

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Fixanchor W-FA/S

Stud anchor for standard applications in uncracked concrete. Zinc-plated steel



- Very flexible application thanks to 3 effective anchorage depths
- Small axis and edge distances
- Time-saving in-place installation

Material	Steel
Surface	Zinc plated
Approval	ETA-02/0001 Fire resistance: F30, F60, F90 and F120; exposure to fire according to DIN 4102-2:1977-09

Art. no.	5932 008 080	5932 008 095	5932 010 085	5932 010 105	5932 010 120	5932 010 145
P. Qty./unit	100	100	100	50	50	50
Metric anchor diameter	M8	M8	M10	M10	M10	M10
Anchor length (l)	80 mm	95 mm	85 mm	105 mm	120 mm	145 mm
Attachment height (t fix)	15 mm	30 mm	10 mm	30 mm	45 mm	70 mm
Max. attachment height reduced (t fix, red)	24 mm	39 mm	16 mm	36 mm	51 mm	76 mm
Attachment height (t fix 2)	24 mm	39 mm	16 mm	36 mm	51 mm	76 mm
Width across flats	13 mm	13 mm	17 mm	17 mm	17 mm	17 mm

Art. no.	5932 010 175	5932 012 105	5932 012 115	5932 012 145	5932 016 115	5932 016 150
P. Qty./unit	50	100	25	25	20	20
Metric anchor diameter	M10	M12	M12	M12	M16	M16
Anchor length (l)	175 mm	105 mm	115 mm	145 mm	115 mm	150 mm
Attachment height (t fix)	100 mm	10 mm	20 mm	50 mm	13 mm	30 mm
Max. attachment height reduced (t fix, red)	106 mm	25 mm	35 mm	65 mm		48 mm
Attachment height (t fix 2)	106 mm	25 mm	35 mm	65 mm		48 mm
Width across flats	17 mm	19 mm	19 mm	19 mm	24 mm	24 mm







Application

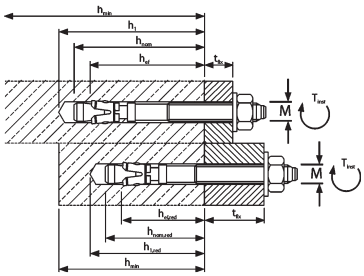
- Suitable for anchoring medium to heavy loads in concrete: Mounting of e.g. metal structures, metal profiles, brackets, base plates, cable conduits, pipes, wooden structures, beams, purlins, fences etc.
- The W-FA/S galvanised steel is suitable for use in dry indoor areas

Fixanchor W-FA/A4

Fixanchors for standard applications in uncracked concrete and anchors in a redundant non-structural system in cracked concrete (size M6). A4 stainless steel



- Very flexible application thanks to three effective anchorage depths
- Small spacings and edge distances
- Time-saving push-through installation



Material	Stainless Steel
Surface	Coated
Approval	ETA-02/0001 ETA-06/0162 Fire resistance: F30, F60, F90 and F120; exposure to fire according to DIN 4102-2:1977-09

Art. no.	0904 411 083	0904 411 087	0904 411 089	0904 411 003	0904 411 005	0904 411 006
P. Qty./unit	100	100	100	50	50	50
Metric anchor diameter	M8	M8	M8	M10	M10	M10
Anchor length (l)	75 mm	95 mm	120 mm	90 mm	105 mm	120 mm
Material	Stainless steel A4	Stainless steel A4	Stainless steel A4	Stainless steel A4	Stainless steel A4	Stainless steel A4
Attachment height (t fix)	10 mm	30 mm	55 mm	15 mm	30 mm	45 mm
Max. attachment height reduced (t fix, red)	19 mm	39 mm	64 mm	21 mm	36 mm	51 mm
Attachment height (t fix 2)	19 mm	39 mm	64 mm	21 mm	36 mm	51 mm
Width across flats	13 mm	13 mm	13 mm	17 mm	17 mm	17 mm
Approval	ETA-02/0001	ETA-02/0001	ETA-02/0001	ETA-02/0001	ETA-02/0001	ETA-02/0001

Art. no.	0904 411 007	0904 411 203	0904 411 206	0904 411 207	0904 411 602	0904 411 604
P. Qty./unit	1	25	25	50	10	20
Metric anchor diameter	M10	M12	M12	M12	M16	M16
Anchor length (l)	125 mm	105 mm	125 mm	145 mm	115 mm	150 mm
Material	Stainless steel A4	Stainless steel A4	Stainless steel A4	Stainless steel A4	Stainless steel A4/ stainless steel A4	Stainless steel A4
Attachment height (t fix)	50 mm	10 mm	30 mm	50 mm	10 mm	30 mm
Max. attachment height reduced (t fix, red)	56 mm	25 mm	45 mm	65 mm	26 mm	46 mm
Attachment height (t fix 2)	56 mm	25 mm	45 mm	65 mm	26 mm	46 mm
Width across flats	17 mm	19 mm	19 mm	19 mm	24 mm	24 mm







Application

- Suitable for anchoring medium to heavy loads in concrete: Mounting of e.g. metal structures, metal profiles, brackets, base plates, cable conduits, pipes, wooden structures, beams, purlins, fences etc.
- W-FA/A4 (A4 stainless steel) is suitable for use in dry indoor areas or wet rooms and for use outdoors (including in industrial atmospheres and close to the sea), provided that no particularly aggressive conditions are present

Fixanchor W-FAZ/S

Bolt anchor for high loads in cracked and non-cracked concrete.
Steel, zinc-plated

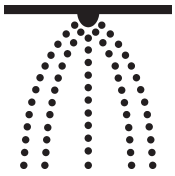


- High load-bearing capacities, low spacing and edge distance
- Immediate load-bearing capacity, no waiting
- Time-saving in-place installation

Material	Steel
Surface	Zinc plated
Approval	ETA-99/0011 Fire resistance (M8-M16): F30, F60, F90 and F120; exposure to fire according to DIN 4102-2:1977-09

Metric anchor diameter	Anchor length (l)	Attachment height (t fix)	Max. attachment height reduced (t fix, red)	Art. no.	P. Qty. / unit
M8	75 mm	10 mm	21 mm	**5928 208 010**	100
M8	95 mm	30 mm	41 mm	**5928 208 030**	100
M8	115 mm	50 mm	61 mm	**5928 208 050**	100
M10	80 mm		20 mm	**5928 251 020**	50
M10	95 mm	15 mm	35 mm	**5928 210 015**	50
M10	110 mm	30 mm	50 mm	**5928 210 030**	50
M10	130 mm	50 mm	70 mm	**5928 210 050**	50
M12	95 mm		20 mm	**5928 252 020**	25
M12	110 mm	15 mm	35 mm	**5928 212 015**	25
M12	125 mm	30 mm	50 mm	**5928 212 030**	25
M12	145 mm	50 mm	70 mm	**5928 212 050**	25
M16	125 mm	5 mm	25 mm	**5928 216 005**	20
M16	145 mm	25 mm	45 mm	**5928 216 025**	20





For sprinkler systems



Seismic C1 and C2





Application

- Individual fixing point with approval

Standard concrete C20/25 to C50/60 (cracked and uncracked concrete, seismic performance category C1 and C2)
For the attachment of e.g. metal structures, metal profiles, brackets, base plates, supports, cable conduits, pipes, railings, wooden structures, roof beams, etc.

W-FAZ/S may only be used in dry indoor room conditions

Fixanchor W-FAZ/A4

Stud anchor for high loads in cracked and non-cracked concrete. A4 stainless steel

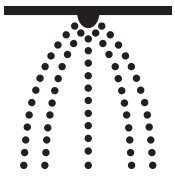


- High working loads, small axis and edge distances
- Immediate load-bearing capacity - no waiting
- Time-saving in-place installation

Material	Stainless steel A4
Surface	Coated
Approval	ETA-99/0011 Fire resistance (M8-M16): F30, F60, F90 and F120; exposure to fire according to DIN 4102-2:1977-09

Metric anchor diameter	Anchor length (l)	Attachment height (t fix)	Max. attachment height reduced (t fix, red)	Art. no.	P. Qty. / unit
M8	75 mm	10 mm	21 mm	**5928 408 010**	100
M8	95 mm	30 mm	41 mm	**5928 408 030**	100
M8	115 mm	50 mm	61 mm	**5928 408 050**	100
M10	95 mm	15 mm	35 mm	**5928 410 015**	50
M10	110 mm	30 mm	50 mm	**5928 410 030**	50
M10	130 mm	50 mm	70 mm	**5928 410 050**	50
M10	155 mm	75 mm	95 mm	**5928 410 075**	50
M12	110 mm	15 mm	35 mm	**5928 412 015**	25
M12	125 mm	30 mm	50 mm	**5928 412 030**	25
M12	145 mm	50 mm	70 mm	**5928 412 050**	25
M16	145 mm	25 mm	45 mm	**5928 416 025**	20





For sprinkler systems



Seismic C1 and C2





Application

- Individual fixing point with approval
  - Normal weight concrete C20/25 to C50/60 (cracked and uncracked concrete, seismic performance category C1 and C2)
  - For the attachment of e.g. metal structures, metal profiles, brackets, base plates, supports, cable conduits, pipes, railings, wooden structures, roof beams etc.

W-FAZ/A4 (stainless steel A4) can be used in dry indoor areas, outdoors (including in industrial atmospheres and close to the sea) or in wet rooms, provided that no particularly aggressive conditions are present.

Drive-in anchor WSL-ED

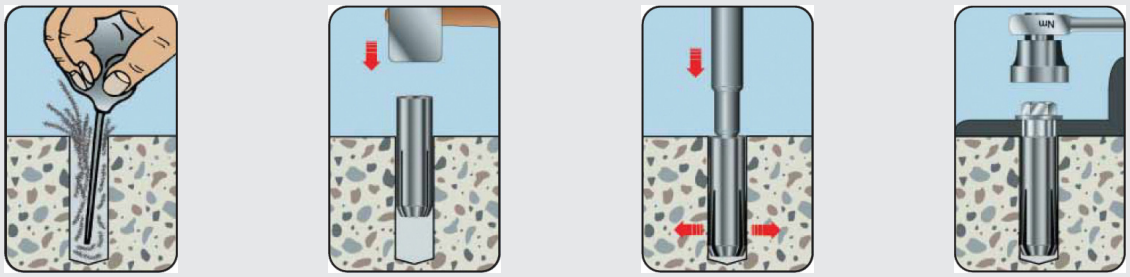
Steel Female-Threaded Anchors for Concrete. A zinc plating provides corrosion resistance in wet environments and are often used for overhead applications



Surface	Zinc plated
Material	Steel

Art. no.	5932 808 01	5932 810 01	5932 812 02	5932 816 01	5932 820 01
P. Qty./unit	100	50	50	25	25
Anchor diameter	8 mm	10 mm	15 mm	16 mm	20 mm
Anchor length (L H)	30 mm	40 mm	50 mm	65 mm	80 mm
Type description	WSL-ED	WSL-ED	WSL-ED	WSL-ED	
Anchor length (l)					80 mm
Product weight (per item)	0.01 kg	0.02 kg	0.05 kg	0.11 kg	200 g
Max. required screw-in depth	13 mm	16.5 mm	21 mm	30 mm	34 mm
Nominal drill-bit diameter (d 0)	10 mm	12 mm	15 mm	20 mm	25 mm

Application



Drive-in anchor WSL-ED w. collar

Female thread anchor with collar and metric thread for economical anchoring in concrete, zinc plated steel



Anchor length (L H)	25 mm
Anchor length (l)	25 mm
Surface	Zinc plated
Max. required screw-in depth	12 mm
Material	Steel

Anchor diameter	Product weight (per item)	Nominal drill-bit diameter (d 0)	Art. no.	P. Qty. / unit
8 mm	10 g	10 mm	**5932 808 010**	100
10 mm	15 g	12 mm	**5932 810 010**	50
12 mm	38 g	15 mm	**5932 812 010**	50

Sleeve anchor W-CNM hex nut non-ETA

With internal thread for bolts and screws with metric thread, for uncracked concrete, zinc-plated steel



Surface	Zinc plated

Drill diameter	Drilling depth	Art. no.	P. Qty. / unit
12 mm	61 mm	**5934 008 051**	50/100
14 mm	70 mm	**5934 010 060**	50
18 mm	85 mm	**5934 012 73**	50/400

Sleeve anchor W-CTM hex screw non-ETA

With hexagon bolt and washer, for non-cracked concrete, zinc plated steel



Surface	Zinc plated

Drill diameter	Drilling depth	Art. no.	P. Qty. / unit
12 mm	61 mm	**0905 008 051**	50/500
14 mm	70 mm	**0905 010 060**	50/300

Plastic frame anchor W-IFRC 8 steel zinc plated



Anchor diameter	8 mm
Through-hole in the component to be connected (d f)	9 mm

Anchor length (l)	Max. attachment height (t fix)	Art. no.	P. Qty. / unit
80 mm	10 mm	**5912 100 011**	100
100 mm	30 mm	**5912 100 012**	50
120 mm	50 mm	**5912 100 013**	50

Plastic frame anchor W-IFRC 10 steel zinc plated



Anchor diameter	10 mm
Through-hole in the component to be connected (d f)	11 mm

Anchor length (l)	Max. attachment height (t fix)	Art. no.	P. Qty. / unit
80 mm	10 mm	**5912 100 411**	50
100 mm	30 mm	**5912 100 412**	50
120 mm	50 mm	**5912 100 413**	50

Plastic frame anchor W-IFRC 10 stainless steel A4



Anchor diameter	10 mm
Through-hole in the component to be connected (d f)	11 mm

Anchor length (l)	Max. attachment height (t fix)	Art. no.	P. Qty. / unit
80 mm	10 mm	**5912 100 511**	50
100 mm	30 mm	**5912 100 512**	50
120 mm	50 mm	**5912 100 514**	

Plastic frame anchor W-IFRC 8 stainless steel A4



Anchor diameter	8 mm
Through-hole in the component to be connected (d f)	9 mm

Anchor length (l)	Max. attachment height (t fix)	Art. no.	P. Qty. / unit
80 mm	10 mm	**5912 100 021**	100
100 mm	30 mm	**5912 100 022**	50
120 mm	50 mm	**5912 100 023**	50

Metal frame anchor W-CMF 10

For window mounting in all solid materials. Countersunk head screw, PZ3 drive, zinc plated steel

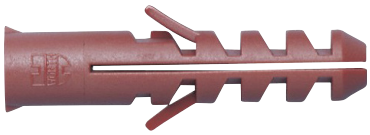


Surface	Zinc plated
Material	Steel
Head type	Countersunk head

Anchor diameter	Anchor length (l) (l)	Drive type	Internal drive	Art. no.	P. Qty. / unit
	92 mm	Z	Z3	**0903 010 092**	100
	112 mm		Z	**0903 010 112**	100
	132 mm		Z	**0903 010 132**	100/400
10 mm	72 mm		Z3	**0903 010 072**	100

Nylon anchor

For light loads (secondary attachments)



- High-quality, halogen- and silicone-free polyamide, withstands temperatures from -40 °C to +80 °C.
- The hammer-in stop and anti-rotation lock ensure secure push-through installation by preventing premature expansion and rotation in the drill hole.
- The fixing is suitable for push-through and pre-positioned installation; we recommend the ASSY D screw for installation.

Art. no.	0903 6 30	0903 8 40
P. Qty./unit	500/1000	100
Anchor diameter	6 mm	8 mm
Anchor length (l)	30 mm	40 mm
Embedding depth (h nom)	30 mm	40 mm
Nominal drill-bit diameter (d 0)	6 mm	8 mm
Required wood screw diameter (d scr.wood)	3.5 - 5 mm	4.5 - 6 mm
Required particle-board screw diameter (d scr.particle)	5 mm	6 mm
Embedding depth (h s)	30 mm	40 mm
Drill hole depth (t)	40 mm	50 mm
Centre-to-centre distance (a)	60 mm	80 mm



ORSY-compatible

Application

- Plastic anchor for light loads (secondary attachments)
- Can be used in concrete, solid brick, solid sand-lime brick, hard natural stone
- Suitable for securing curtain rails, wall shelves, light wall cupboards, picture frames, cable ducts, cable clamps, electrical switches, towel rails, signs, motion detectors, hanging baskets etc.

Injectable mortar WIT-PE 510

Standard pure epoxy mortar with a long working time and for large effective anchorage depth - ideal for bonded anchors as well as for post-installed rebar connections in concrete



- Two-component reactive resin mortar, pure epoxy, styrene-free
- Post-installed rebar connection with subsequent mortaring
- Anchoring of threaded rods in natural stone (without approval/assessment)

Container	Cartridge
Contents	585 ml
Suitable application gun	HandyMax 585 ml, Application gun MULTI, Pneumatic application gun 585ml, Battery-powered application gun 585ml
Min./max. processing temperature/conditions	5 to 40 °C/temperature in the anchorage ground during processing and hardening
Min./max. ambient temperature/Conditions	-40 to 70 °C/after completely curing process
Temperature resistance, long-term temperatures max.	43 °C
Temperature resistance, short-term temperatures max.	70 °C
Shelf life from production/ conditions	24 Month/cool and dry storage area, 5°C to 25°C
Approval	ETA-20/1037, ETA-20/1038
Chemical basis	Pure-Epoxy, styrene free
Colour	Grey

Art. no. 5918 615 585

P. Qty./unit 1





Application

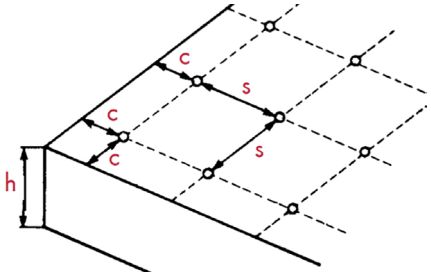
- Suitable for attaching metal structures, metal profiles, wooden structures, brackets, pipes, cable conduits, etc.
- Suitable for structural expansions, ceiling and wall outlets, expansion of load-bearing structures, reinforcement of load-bearing structures, attachment of balconies and canopies, sealing of temporary openings and „forgotten“ reinforcing bars

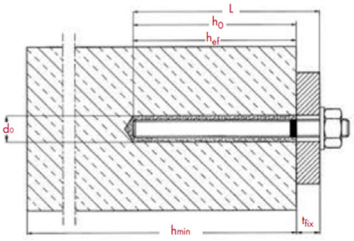
Chemical injection mortar PURE EPOXY WIT-PE 1000



Pure epoxy mortar with long processing time, ideal for large effective anchorage depths and drill holes as well as high temperatures, suitable for bonded anchors, concrete and post-installed rebar connections (REBAR).

- Two-component reactive resin mortar, pure epoxy
- Post-installed rebar connection with subsequent mortaring
- Anchoring of threaded rods in natural stone (without approval/assessment)





Type description	WIT-PE 1000
Container	Cartridge
Contents	585 ml
Suitable application gun	Battery-powered application gun 585ml, Application gun MULTI, Pneumatic application gun 585ml, HandyMax 585 ml
Min./max. processing temperature/ conditions	0 to 40 °C/temperature in the anchorage ground during processing and hardening
Min./max. ambient temperature/ Conditions	-40 to 72 °C/after completely curing process
Temperature resistance, long-term temperatures max.	24 °C
Temperature resistance, short-term temperatures max.	72 °C
Shelf life from production/conditions	24 Month/cool and dry storage area, 5°C to 25°C
Approval	ETA-19/0542, ETA-19/0543
Chemical basis	Pure-Epoxy, styrene free
Colour	Grey

Art. no. 5918 605 585
P. Qty./unit 1/12

Application

- Suitable for attaching metal structures, metal profiles, wooden structures, brackets etc.
- Suitable for structural expansions, ceiling and wall attachments, expansion of load-bearing structures, reinforcement of load-bearing structures, attachment of balconies and canopies, sealing of temporary openings and „forgotten" reinforcement bars

Chemical injection mortar Concrete Multi WIT-UH 300



High-performance mortar for concrete and post-installed rebar connections

- Two-component reactive resin mortar, urethane vinyl ester hybrid mortar, styrene-free
- Reinforcement attachment with subsequent mortaring

Type description	WIT-UH 300
Container	Coaxial cartridge
Contents	420 ml
Suitable application gun	Battery-powered application gun 420ml, Application gun MULTI, Application gun WIT 420ml, Pneumatic application gun 420ml, EasyMax 420 ml, HandyMax 420 ml
Min./max. processing temperature/ conditions	-5 to 40 °C/temperature in the anchorage ground during processing and hardening
Min./max. ambient temperature/ Conditions	-40 to 160 °C/after completely curing process
Temperature resistance, long-term temperatures max.	100 °C
Temperature resistance, short-term temperatures max.	160 °C
Shelf life from production/conditions	18 Month/cool and dry storage area, 5°C to 25°C
Approval	ETA-17/0036, ETA-17/0127
Chemical basis	Two-component resin
Colour	Grey

Art. no. 5918 500 420

P. Qty./unit 1

Seismic C1 and C2

Application

- Suitable for fastening metal structures, metal profiles, wooden structures, brackets, pipes, cable conduits etc.
- Suitable for structural expansions, ceiling and wall outlets, expansion of load-bearing structures, reinforcement of load-bearing structures, attachment of balconies and canopies, sealing of temporary openings and „forgotten" reinforcing bars
- Fastening system for use in collection trays, collection facilities and surfaces made from uncoated LI and LIP concrete in systems for storing, filling and handling substances that are hazardous to water

All-rounder injectable mortar WIT-VM 250



The all-rounder for concrete, masonry and post-installed rebar connections

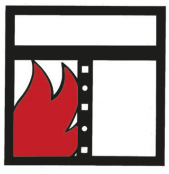
- Individual attachment, cracked and non-cracked concrete, seismic performance category C1
- Masonry individual attachment (system with perforated sleeve WIT-SH)
- Masonry individual attachment (system with perforated sleeve SH)

Type description	WIT-VM 250
Min./max. processing temperature /conditions	-10 to 40 °C/temperature in the anchorage ground during processing and hardening
Min./max. ambient temperature/ Conditions	-40 to 120 °C/after completely curing process
Temperature resistance, long-term temperatures max.	72 °C
Temperature resistance, short-term temperatures max.	120 °C
Chemical basis	Vinylester, styrene free
Colour	Grey

Contents	Included in delivery	Suitable application gun	Shelf life from production/ conditions	Approval	Art. no.	P. Qty. / unit
300 ml	Mortar cartridge 300 ml (tubular film) + 1 x mixer nozzle	Application gun WIT 330ml, Application gun MULTI, Silicone application gun 310ml	12 Month/cool and dry storage area, 5°C to 25°C	ETA-12/0164, ETA-13/1040, ETA-16/0757, ETA-20/0854	**0903 450 201**	1
420 ml	Mortar cartridge 420 ml (coaxial) + 1 x mixer nozzle	Battery-powered application gun 420ml, Application gun MULTI, Application gun WIT 420ml, Pneumatic application gun 420ml, EasyMax 420 ml, HandyMax 420 ml	18 Month/cool and dry storage area, 5°C to 25°C	ETA-12/0164, ETA-13/1040, ETA-12/0166, ETA-16/0757, ETA-20/0854	**0903 450 205**	1/12



Seismic C1 and C2









Application

- Anchoring in cracked and uncracked concrete, masonry laid with solid and perforated block, autoclaved aerated concrete and for post-installed rebars.
- Suitable for mounting metal structures, metal sections, wooden structures, brackets, grates, pipes, cable conduits etc.

W-VD-A/S anchor rod Zinc plated steel

For W-VPZ and W-VD bonded anchor capsule systems and WIT injection systems in concrete



- Anchor rod with point angle and hexagon socket (makes rotation-impact insertion possible with cartridge system)

Type description	W-VD-A/S 5.8
Property class	5.8
Material	Steel
Surface	Zinc plated

Metric anchor diameter	Attachment height (t fix)	Anchor length (l)	Effective anchoring depth (h ef)	Drill hole depth (h 0)	Art. no.	P. Qty. / unit
M8	20 mm	110 mm	80 mm	80 mm	**5915 108 110**	10
M10	30 mm	130 mm	90 mm	90 mm	**5915 110 130**	10
M12	35 mm	160 mm	110 mm	110 mm	**5915 112 160**	10
M16	45 mm	190 mm	125 mm	125 mm	**5915 116 190**	10

Application

- Anchor rod can be used for the following cartridge systems and injection systems:
  - Compound anchor cartridge system W-VD, option 8 – non-cracked concrete
  - BETON-MULTI WIT-UH 300 injection system, option 1 – cracked and non-cracked concrete
  - ALLROUNDER WIT-VM 250 injection system, option 1 – cracked and non-cracked concrete
  - WIT-Nordic injection system, option 1 – cracked and non-cracked concrete
  - WIT-PE 500 injection system, option 1 – cracked and non-cracked concrete
  - BASIC WIT-PM 200 injection system, option 7 – non-cracked concrete

W-VD-A/S (galvanised steel) can be used in dry indoor areas

Proof of performance

- The anchor rod is covered by the following approvals:
  - Compound anchor cartridge system W-VD, option 8: ETA-06/0074
  - BETON-MULTI WIT-UH 300 injection system, option 1: ETA-17/0127
  - ALLROUNDER WIT-VM 250 injection system, option 1: ETA-12/0164
  - WIT-Nordic injection system, option 1: ETA-12/0164
  - WIT-PE 500 injection system, option 1: ETA-09/0040
  - BASIC WIT-PM 200 injection system, option 7: ETA-12/0569

W-VD-A anchor rod A4 stainless steel

For W-VPZ and W-VD bonded anchor capsule systems and WIT injection systems in concrete



- Stainless steel A4
- Anchor rod with point angle and hexagon socket (makes rotation-impact insertion possible with cartridge system)

Type description	W-VD-A/A4
Property class	70
Material	Stainless steel A4
Surface	Plain

Metric anchor diameter	Attachment height (t fix)	Anchor length (l)	Effective anchoring depth (h ef)	Drill hole depth (h 0)	Art. no.	P. Qty. / unit
M10	30 mm	130 mm	90 mm	90 mm	**5915 210 130**	10
M12	35 mm	160 mm	110 mm	110 mm	**5915 212 160**	10
M16	20 mm	165 mm	125 mm	125 mm	**5915 216 165**	10

Application

- The anchor rod can be used for the following capsule and injection systems:
  - Bonded anchor capsule system W-VD, Option 8 - uncracked concrete
  - Bonded anchor glass capsule W-VPZ, Option 1 - cracked and uncracked concrete
  - Injection system CONCRETE-MULTI WIT-UH 300, Option 1 - cracked and uncracked concrete
  - Injection system ALLROUNDER WIT-VM 250, Option 1 - cracked and uncracked concrete
  - Injection system WIT-Nordic, Option 1 - cracked and uncracked concrete
  - Injection system PURE EPOXY WIT-PE 1000, Option 1 - cracked and uncracked concrete
  - Injection system WIT-PE 500, Option 1 - cracked and uncracked concrete
  - Injection system BASIC WIT-PM 200, Option 7 - uncracked concrete

W-VD-A/A4 (stainless steel A4) can be used in dry indoor areas, outdoors (including in industrial atmospheres and close to the sea) or in damp rooms, provided that no particularly aggressive conditions are present.

Proof of performance

- The anchor rod is covered by the following approvals:
  - Bonded anchor capsule system W-VD, Option 8: ETA-06/0074
  - Bonded anchor glass capsule W-VPZ, Option 1: ETA-21/0168
  - Injection system CONCRETE-MULTI WIT-UH 300, Option 1: ETA-17/0127
  - Injection system ALLROUNDER WIT-VM 250, Option 1: ETA-12/0164
  - Injection system PURE EPOXY WIT-PE 1000, Option 1: ETA-19/0543
  - Injection system WIT-Nordic, Option 1: ETA-12/0164
  - Injection system WIT-PE 500, Option 1: ETA-09/0040
  - Injection system BASIC WIT-PM 200, Option 7: ETA-12/0569



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