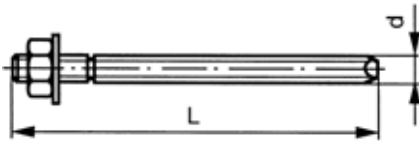


Chemical fixing threaded rod



Technical data

Type	M8x110	M10x130	M12x160	M12x220	M16x190	M16x220	M20x260
d	M8	M10	M12	M12	M16	M16	M20
L	110	130	160	220	190	220	260
t _{fix} (max.)	17	28	36	85	42	67	65
Drill ø	10	12	14	14	18	18	24
Allowable load in kN							
Concrete C20/25	5,9	8,1	11,4	11,4	20	20	30,9

- t_{fix} (max.) = Grip range (max.)
- Concrete C20/25; recommended load for non-cracked concrete.
- For VinyMaxx and AcryMaxx resins.

30585 MAXXFAST Chemical fixing threaded rod

MF50

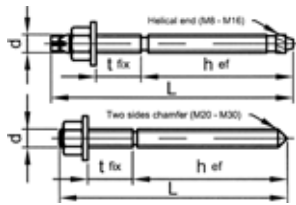
Thread	Metric thread
Material	Steel
Surface treatment	Zinc plated
Packaging	Standard

MAXXFAST
PROFESSIONAL HARDWARE



Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8X110	10	30585.080.110	M12X220	10	30585.120.220	M16X220	10	30585.160.220
M10X130	10	30585.100.130						
M12X160	10	30585.120.160	M16X190	10	30585.160.190	M20X260	6	30585.200.260

Anchor threaded stud Maxima



Technical data

Type	M8	M10	M12	M16	M20	M24	M30
D	M8	M10	M12	M16	M20	M24	M30
L	105	128	155	183	260	300	380
Nominal diameter of drill bit (d_0)	10	12	14	18	25	28	35
Tightening torque in Nm	10	20	30	60	120	200	400
Diameter of clearance hole in the fixture (d_f)	9	12	14	18	22	26	33
Minimal thickness of concrete member ($h_{min.}$)	110	120	150	160	220	300	350
Depth of drilled hole to deepest point ($h_{omin.}$ - $h_{omax.}$)	80	90	110	125	170	210	280
Thickness of the fixture ($t_{fix,max.}$ - $t_{fix,min.}$)	15	25	30	40	68	64	70
Effective anchorage depth ($h_{ef,min.}$ - $h_{ef,max.}$)	80	90	110	125	170	210	280
Spacing ($S_{cr, N}$), characteristic	160	180	220	250	340	420	560
Edge distance ($C_{cr, N}$), characteristic	80	90	110	125	170	210	280
Minimal spacing ($S_{min.}$)	40	45	55	65	85	105	140
Minimal edge distance ($C_{min.}$)	40	45	55	65	85	105	140
Allowable load in kN	5,3	8,3	13,2	19,8	36,9	38	46,3

- M8 - M16 are supplied including setting tool
- For a complete chemical anchor, the capsule and threaded stud (incl. nut and washer), have to be ordered separately.
- For further technical data the approval is available on request.

Article groups

Thread	Material	Surface treatment	Packaging	Code	Page
M	St	Zipl	Standard	70636	8-80
M	St.St. A4		Standard	70646	8-80

70636 SPIT Anchor threaded stud Maxima

P03A

Thread	Metric thread
Material	Steel
Surface treatment	Zinc plated
Packaging	Standard



8



Final calculations should comply with the complete European Technical Approval (ETA), this approval is also available on request.

Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8	10	70636.080.001	M16	10	70636.160.001	M30	5	70636.300.001
M10	10	70636.100.001	M20	10	70636.200.001			
M12	10	70636.120.001	M24	10	70636.240.001			

70646 SPIT Anchor threaded stud Maxima

P03B

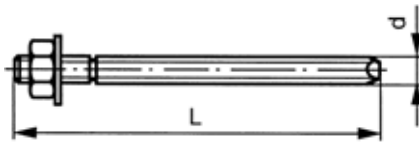
Thread	Metric thread
Material	Stainless steel A4
Packaging	Standard



Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8	10	70646.080.001	M10	10	70646.100.001	M12	10	70646.120.001

70646 SPIT Anchor threaded stud Maxima								
Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M16	10	70646.160.001	M24	10	70646.240.001			
M20	10	70646.200.001	M30	5	70646.300.001			

Chemical fixing threaded rod



Technical data

Type	M8x 110	M10x 130	M10x 165	M10x 190	M12x 160	M12x 220	M12x 250	M12x 300	M16x 190	M16x 250	M16x 300	M20x 260	M20x 350	M24x 300	M30x 380
d	M8	M10	M10	M10	M12	M12	M12	M12	M16	M16	M16	M20	M20	M24	M30
L	110	130	165	190	160	220	250	300	190	250	300	260	350	300	380
t _{fix} (max.)	13	20	57	82	25	90	120	170	35	98	148	65	155	65	65
Allowable load in kN															
Concrete	6,3	7,9	7,9	7,9	11,9	11,9	11,9	11,9	19,8	19,8	19,8	29,8	29,8	37,7	67,5

- t_{fix} (max.) = Grip range (max.)
- Concrete C20/25 to C50/65; recommended load for non-cracked concrete.

Article groups

Thread	Material	Surface treatment	Packaging	Code	Page
M	St	Zipl	Standard	63187	8-82
M	St.St. A4		Standard	63188	8-82

63187 FISCHER Chemical fixing threaded rod type RG M

N03B

Thread	Metric thread
Material	Steel
Surface treatment	Zinc plated
Packaging	Standard



Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8X110	10	63187.080.110	M12X250	10	63187.120.250	M20X260	10	63187.200.260
M10X130	10	63187.100.130	M12X300	10	63187.120.300	M20X350	10	63187.200.350
M10X165	10	63187.100.165						
M10X190	10	63187.100.190	M16X190	10	63187.160.190	M24X300	10	63187.240.300
			M16X250	10	63187.160.250	M30X380	5	63187.300.380
M12X160	10	63187.120.160	M16X300	10	63187.160.300			
M12X220	10	63187.120.220						

63188 FISCHER Chemical fixing threaded rod type RG M

N03B

Thread	Metric thread
Material	Stainless steel A4
Packaging	Standard



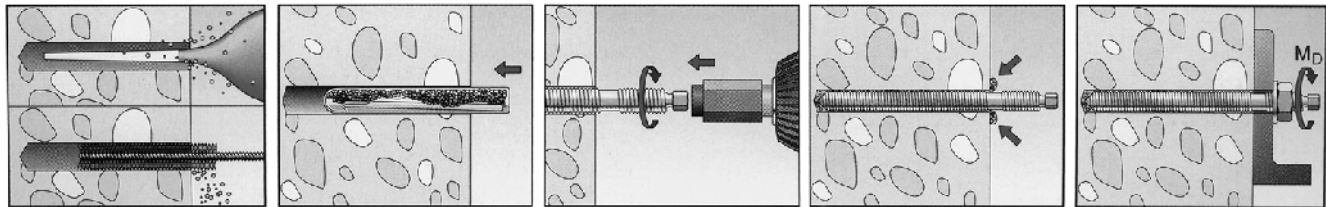
Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8X110	10	63188.080.110	M12X160	10	63188.120.160	M20X260	10	63188.200.260
M10X130	10	63188.100.130	M16X190	10	63188.160.190	M24X300	10	63188.240.300
M10X165	10	63188.100.165						

Setting tool



- For a complete chemical fixing, the resin capsule and threaded rod (incl. nut and washer) have to be ordered separately.
- Threaded rod type RG M can be installed with installation tool type M.
- These threaded rods are also suitable for injection system type FIS.
- For further technical data the approval is available on request.

Assembly sequence



63189 FISCHER Setting tool

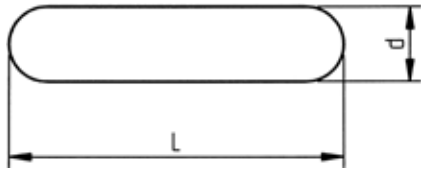
N03B

Packaging Standard



Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8	1	63189.080.001	M12	1	63189.120.001	M20	1	63189.200.001
M10	1	63189.100.001	M16	1	63189.160.001	M30	1	63189.300.001

Chemical anchor capsule




Technical data

Type	d	L	Drill ø	Drill depth (min.)
M8	9	80	10	80
M10	10,5	85	12	90
M12	12,5	95	14	110
M16	16,5	95	18	125
M20	23	160	25	170
M24	23	190	28	210
M30	27,5	260	35	280

- For a complete chemical anchor, the capsule and threaded stud (incl. nut and washer), have to be ordered separately.

Article groups

Material	Packaging	Code	Page
Glass	Standard	70615	8-84
Glass	Standard	63186	8-85

70615 SPIT Chemical fixing resin capsule type EA		P03A
Material	Glass	
Packaging	Standard	
		



Final calculations should comply with the complete European Technical Approval (ETA), this approval is also available on request.

8

Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
M8	10	70615.080.001	M16	10	70615.160.001	M30	5	70615.300.001
M10	10	70615.100.001	M20	10	70615.200.001			
M12	10	70615.120.001	M24	10	70615.240.001			

63186	FISCHER Chemical fixing resin capsule type RM	N03A
Material	Glass	
Packaging	Standard	
		



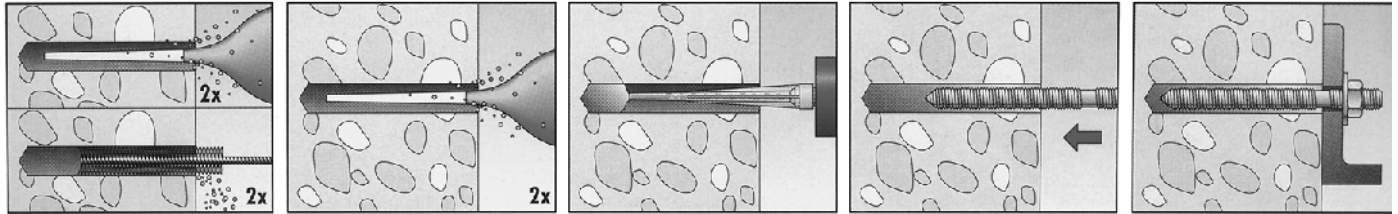
Final calculations should comply with the complete European Technical Approval (ETA), this approval is also available on request.

Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
R M8	10	63186.080.001	R M16	10	63186.160.001	R M30	5	63186.300.001
R M10	10	63186.100.001	R M20	10	63186.200.001			
R M12	10	63186.120.001	R M24	5	63186.240.001			

Injection cartridge



Assembly data



Article groups

	Packaging	Code	Page
AcryMaxx	Standard	30580	8-86
VinyMaxx	Standard	30581	8-86
FIS VS	Standard	63252	8-87
FIS V	Standard	63051	8-87
FIS VS	Standard	63060	8-87

30580 MAXXFAST Injection cartridge MF50


Packaging: Standard




Type	Art.number	
AcryMaxx	1 30580.000.310	<ul style="list-style-type: none"> • High performance two component styrene free resin for anchoring threaded rod and internally threaded sockets in concrete. • European Technical Approval and CE marking. • Resistant to extreme temperatures (from -40°C to +80°C) after polymerisation. • 310 ml.

30581 MAXXFAST Injection cartridge MF50

Packaging: Standard

Type	Art.number	
VinyMaxx	1 30581.000.310	<ul style="list-style-type: none"> • Styrene free high performance resin for solid and hollow substrates. • 310 ml.

63252 FISCHER Injection cartridge N03A

Packaging Standard



✉ [Art.number](#)

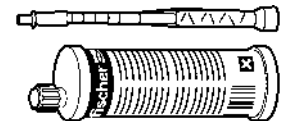
FIS VS 300 T

1 [63252.000.300](#)

- High performance hybrid mortar for high loads in almost all building materials.
- Universal mounting system for a wide range of applications on site.
- Expansion-free anchoring allows low spacing and edge distances.
- Extensive range of accessories for a wide variety of applications.
- The use of standard caulking gun is economically advantageous.

63051 FISCHER Injection cartridge N03A

Packaging Standard



Type ✉ [Art.number](#)

V360S=FIS

1 [63051.000.360](#)

VT380C=FIS

1 [63051.000.380](#)

- Incl. 2 static mixers
- Contents 360 ml
- Expansion-free anchoring with an optimal price/quality relation
- High-strength rapid-setting 2-component synthetic resin mortar
- Open cartridges can be used repeatedly
- Easy application with injection pistol, see article group 63691
- No separate mixing required
- Incl. 2 static mixers
- Contents 380 ml

63060 FISCHER Injection cartridge N03A

Packaging Standard



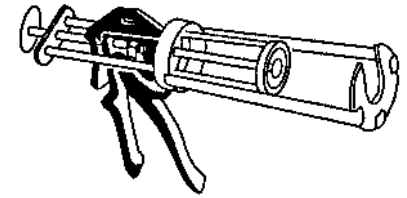
Type ✉ [Art.number](#)

VS150C

1 [63060.000.150](#)

- Expansion-free chemical anchoring system for professional and semi-professional applications
- Styrene free hybrid resin mortar
- The 2 components are safely mixed together inside the static mixer
- A simple exchange of the static mixer allows the renewed use of cartridges after they have been opened
- Requires low application pressure for economical use
- Incl. ejection plunger and 2 static mixers
- Contents 145 ml
- Can be extruded from the cartridge with conventional sealant pistols

Injection tool



30595 MAXXFAST Injection tool MF50

Packaging Standard

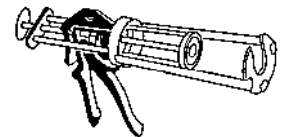


Type [Art.number](#)

Gun 1 [30595.000.100](#) • For VinyMaxx and AcryMaxx resins.

63691 FISCHER Injection tool N03C

Packaging Standard

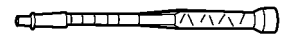


Type [Art.number](#)

K FIS VT 1 [63691.100.020](#) • Suitable for injection cartridge type FIS VT 380 C

63247 FISCHER Injection tool N03A

Packaging Standard



Type [Art.number](#)

Static mixer 10 [63247.000.005](#) • Suitable for injection cartridge type FIS V
• Plastic

8

63242 FISCHER Injection tool N03A

Packaging Standard



Type [Art.number](#)

FIS AK 1 [63242.000.005](#) • Suitable for injection cartridge type FIS V 360 S and FIS VS 150 C.

63243 FISCHER Injection tool N03A

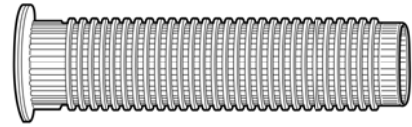
Packaging Standard



Type [Art.number](#) Type [Art.number](#) Type [Art.number](#)

14/20 MM 1 [63243.014.020](#)

Anchoring accessories



Technical data

Type	12x50	15x85	15x130	20x85
d _o	12	15	15	20
L	50	85	130	85
Drill ø	12	15	15	20
Drill depth (min.)	60	95	140	95
Assembly depth (min.)	50	85	130	85
Threaded rod size	M6	M8-M10-M12	M8-M10-M12	M12-M16








30596 MAXXFAST Anchoring accessories

MF50

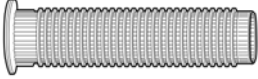

Packaging Standard

MAXXFAST
PROFESSIONAL HARDWARE

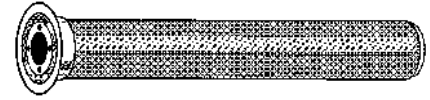


Type	☒	Art.number		
BLOW PUMP	1	30596.000.001	• Plastic	
MIXING NOZZLE	5	30596.000.005	• Plastic	
BRUSH WHITE	1	30596.008.012	• 8-12mm	
BRUSH BLUE	1	30596.010.018	• 10-18mm	
BRUSH RED	1	30596.012.028	• 12-28mm	
ANCHOR SLEEVE	10	30596.012.050	• Plastic Nylon (polyamide) • 12x50	
ANCHOR SLEEVE	10	30596.015.085	• Plastic Nylon (polyamide) • 15x85	

30596 MAXXFAST Anchoring accessories ←

Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
ANCHOR SLEEVE	10	30596.015.130	<ul style="list-style-type: none"> • Plastic Nylon (polyamide) • 15x130 					
ANCHOR SLEEVE	10	30596.020.085	<ul style="list-style-type: none"> • Plastic Nylon (polyamide) • 20x85 					

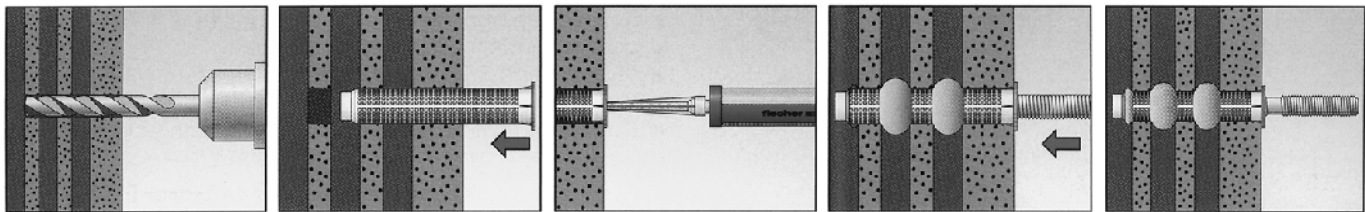
Injection system injection anchor sleeve



Technical data

Type	FIS H16 x 85N	FIS H18 x 85N	FIS H20 x 85N	FIS H12 X 1000	FIS H16 X 1000	FIS H22 X 1000
d	16	18	20	12	16	22
L	85	85	85	1000	1000	1000
Drill ø	16	18	20	12	16	22
Drill depth (min.)	95	95	95	-	-	-
Assembly depth (min.)	85	85	85	-	-	-
Threaded rod size	M8	M10	M12	M6-M8	M10-M12	M12-M16

Assembly sequence



Article groups

Material	Surface treatment	Packaging	Code	Page
Plastic PA		Standard	63052	8-91
St	Zipl	Standard	63050	8-91

63052 FISCHER Injection system injection anchor sleeve type FIS H N N03A



Material: Plastic Polyamide (nylon)
Packaging: Standard




Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
FIS16X85MM	20	63052.160.085	FIS18X85MM	20	63052.180.085	FIS20X85MM	20	63052.200.085

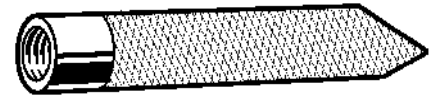
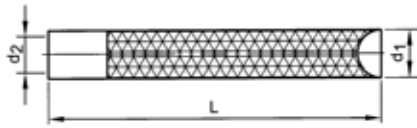
63050 FISCHER Injection system injection anchor sleeve type FIS H L N03A

Material: Steel
Surface treatment: Zinc plated
Packaging: Standard

d x L	☒	Art.number	d x L	☒	Art.number	d x L	☒	Art.number
12X1000MM	10	63050.120.001	16X1000MM	10	63050.160.001	22X1000MM	6	63050.220.001

Chemical fixing internal threaded anchor

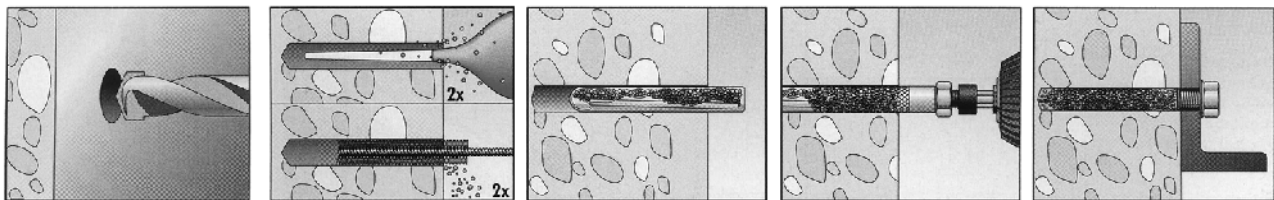


Technical data



Type	RG 8x75 M5 I	RG 10x75 M6 I	RG 12x90 M8 I	RG 14x90 M10 I	RG 16x100 M12 I
d ₁	8	10	12	14	16
L	75	75	75	75	75
d ₂	M5	M6	M8	M10	M12
Nominal diameter of drill bit (d ₀)	10	12	14	16	18
Diameter of clearance hole in the fixture (d _f)	6	7	9	12	14
Minimal thickness of concrete member (h _{min.})	100	110	140	140	170
Depth of drilled hole to deepest point (h ₀)	75	75	90	90	100
Effective anchorage depth (h _{ef})	75	75	90	90	100
Spacing (S _{cr, N}), characteristic	110	140	200	270	300
Edge distance (C _{cr, N}), characteristic	55	70	100	135	150
Minimal spacing (S _{min.})	40	45	55	60	65
Minimal edge distance (C _{min.})	40	45	55	60	65
Screw-in depth (min.-max.)	8-35	9-35	12-45	15-45	18-45
N=Allowable load in kN	3,4	4,8	8,7	13,8	16,5

- The allowable load is valid for one single anchor, at non-cracked concrete (pressure zone) with concrete class B25, in combination with boltclass 5.8 and/or stainless steel A4-70 and if the S_{cr, N} and C_{cr, N} are taken in to account. When reduction on spacing and edge distance take place a re-calculation of forces should be carried out.
- For a complete chemical fixing, the resin capsule and internal threaded anchor have to be ordered separately. Setting tool is enclosed in each packing.

Assembly sequence



8

63227 FISCHER Chemical fixing internal threaded anchor type RG MI		N03A
Thread	Metric thread	
Material	Steel	
Surface treatment	Zinc plated	
Packaging	Standard	
		

Type	☒	Art.number	Type	☒	Art.number	Type	☒	Art.number
RG 8X75M 5I	10	63227.050.001	RG 12X90M 8I	10	63227.080.090	RG 16X100M 12I	10	63227.120.100
RG 10X75M 6I	10	63227.060.001	RG 14X90M 10I	10	63227.100.090			