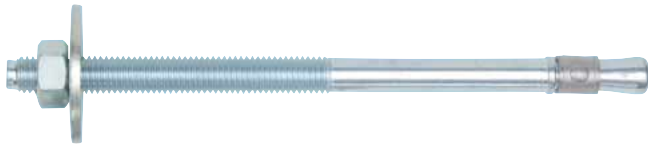


W-FA/S, W-FA/F FIXING ANCHORS

11.1



Individual fastening (M12 - M16):

Uncracked concrete (ETA-02/0001)

W-FA/S Fixing Anchor, galvanized steel (with large washer)

Anchor dia. [in mm]	Designation	Fastening height $t_{fix} / t_{fix,red}$ [in mm]	Total length l [in mm]	Effective anchoring depth $h_{ef}/h_{ef,red}$ [in mm]	Thread [dia. x length]	Approval ETA Option 7	Art. No.	P. Qty.
M12	W-FA/S M12-65-80/160	65 / 80	160	65 / 50	M12 x 100	ETA-02/0001	5932 112 160	25
M12	W-FA/S M12-85-100/180	85 / 100	180	65 / 50	M12 x 100	ETA-02/0001	5932 112 180	25
M12	W-FA/S M12-105-120/200	105 / 120	200	65 / 50	M12 x 100	ETA-02/0001	5932 112 200	25
M12	W-FA/S M12-125-140/220	125 / 140	220	65 / 50	M12 x 80	ETA-02/0001	5932 112 220	25
M12	W-FA/S M12-145-160/240	145 / 160	240	65 / 50	M12 x 80	ETA-02/0001	5932 112 240	20
M12	W-FA/S M12-160-175/255	160 / 175	255	65 / 50	M12 x 80	ETA-02/0001	5932 112 255	20
M12	W-FA/S M12-190-205/285	190 / 205	285	65 / 50	M12 x 80	ETA-02/0001	5932 112 285	20
M12	W-FA/S M12-230-245/325	230 / 245	325	65 / 50	M12 x 80	ETA-02/0001	5932 112 325	20
M12	W-FA/S M12-260-275/355	260 / 275	355	65 / 50	M12 x 80	ETA-02/0001	5932 112 355	10
M16	W-FA/S M16-100-118/220	100 / 118	220	82 / 64	M16 x 80	ETA-02/0001	5932 116 220	10
M16	W-FA/S M16-130-148/250	130 / 148	250	82 / 64	M16 x 80	ETA-02/0001	5932 116 250	10
M16	W-FA/S M16-165-183/285	165 / 183	285	82 / 64	M16 x 80	ETA-02/0001	5932 116 285	10
M16	W-FA/S M16-200-218/320	200 / 218	320	82 / 64	M16 x 80	ETA-02/0001	5932 116 320	10



Individual fastening (M6 - M20):

Uncracked concrete (ETA-02/0001)

W-FA/F Fixing Anchor, hot galvanized steel ($\geq 40 \mu\text{m}$)

Anchor dia. [in mm]	Designation	Fastening height $t_{fix} / t_{fix,red}$ [in mm]	Total length l [in mm]	Effective anchoring depth $h_{ef}/h_{ef,red}$ [in mm]	Thread [dia. x length]	Approval ETA Option 7	Art. No.	P. Qty.
M6	W-FA/F M6-5/40	5	40	- / 18	M6 x 16	-	5932 906 040	100
M8	W-FA/F M8-15-24/80	15 / 24	80	44 / 35	M8 x 45	ETA-02/0001	5932 908 080	100
M8	W-FA/F M8-30-39/95	30 / 39	95	44 / 35	M8 x 60	ETA-02/0001	5932 908 095	100
M8	W-FA/F M8-55-64/120	55 / 64	120	44 / 35	M8 x 85	ETA-02/0001	5932 908 120	100
M10	W-FA/F M10-15-21/90	15 / 21	90	48 / 42	M10 x 45	ETA-02/0001	5932 910 090	50
M10	W-FA/F M10-30-36/105	30 / 36	105	48 / 42	M10 x 60	ETA-02/0001	5932 910 105	50
M10	W-FA/F M10-45-51/120	45 / 51	120	48 / 42	M10 x 75	ETA-02/0001	5932 910 120	50
M12	W-FA/F M12-15-30/110	15 / 30	110	65 / 50	M12 x 65	ETA-02/0001	5932 912 110	25
M12	W-FA/F M12-30-45/125	30 / 45	125	65 / 50	M12 x 80	ETA-02/0001	5932 912 125	25
M12	W-FA/F M12-50-65/145	50 / 65	145	65 / 50	M12 x 100	ETA-02/0001	5932 912 145	25
M12	W-FA/F M12-85-100/180	85 / 100	180	65 / 50	M12 x 100	ETA-02/0001	5932 912 180	25
M16	W-FA/F M16-30-48/150	30 / 48	150	82 / 64	M16 x 90	ETA-02/0001	5932 916 150	20