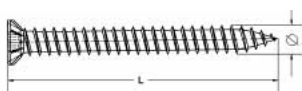
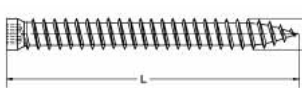
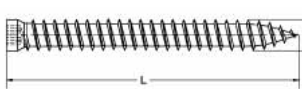



# AMO® III SCREW 7.5 MM DIA.

55.1

Performance Data					
Anchor type		Type 1		Type 2	Type 3
<b>Fire resistance duration</b> Concrete strength class at least C20/25 and maximum C50/60	Centered tensile load	F30 [in kN]	0.80	-	0.80
		F60 [in kN]	0.55	-	0.55
		F90 [in kN]	0.45	-	0.45
		F120 [in kN]	0.40	-	0.40
	Transverse or oblique pull up to 30°	F30 [in kN]	0.50	0.50	0.50
		F60 [in kN]	0.50	0.50	0.50
		F90 [in kN]	0.50	0.50	0.50
		F120 [in kN]	0.50	0.50	0.50

Characteristic values			
Minimum edge clearance	Concrete	c <sub>min</sub> [in mm]	50
	Chalky sandstone, solid brick, vertically perforated brick (at least 2 walls), pumice, light concrete, coniferous wood		60
Minimum screw-in depth	Concrete	h <sub>nom,min</sub> [in mm]	30
	Chalky sandstone, solid brick		50
	Vertically perforated brick (at least 2 walls), pumice, light concrete, coniferous wood		60
Drill hole diameter	Concrete	d <sub>o</sub> [in mm]	6.5
	Chalky sandstone, solid brick, vertically perforated brick (at least 2 walls), pumice, light concrete		6.0
	Coniferous wood		No pre-drilling required
Drill hole depth		h <sub>1</sub> [in mm]	Screw-in depth +10 mm + any existing plaster layer

Anchor Dimensions		l [in mm]															
Total length		32	42	52	62	72	82	92	102	112	122	132	152	182	212	252	302
<b>Type 1 with AW®30</b> Head diameter 12.0 mm  Suitable application: Light countersinking with wood and plastic profiles	Art. No. Steel, yellow galvanized					0234 730 72	0234 130 82	0234 130 92	0234 130 102	0234 130 112	0234 130 122	0234 130 132	0234 130 152	0234 130 182	0234 130 212		
	Art. No. Galvanized steel, blue passivated					0234 730 72	0234 730 82	0234 730 92	0234 730 102	0234 730 112	0234 730 122	0234 730 132	0234 730 152	0234 730 182	0234 730 212		
<b>Type 2 with AW®25</b> Head diameter 7.5 mm  Suitable application: Thanks to the small head, screwing in is possible with small window rebate widths. Preferably for use in brick surface with all frame materials Suitable cover caps: Art. No. 0590 425 ...	Art. No. Steel, yellow galvanized								0234 225 102	0234 225 112	0234 225 122	0234 225 132	0234 225 152	0234 225 182	0234 225 212		
	Art. No. Galvanized steel, blue passivated								0234 825 102	0234 825 112	0234 825 122	0234 825 132	0234 825 152	0234 825 182	0234 825 212		
<b>Type 2 with AW®30</b> Head diameter 8.0 mm  Suitable application: Preferably for use in concrete surface with the frame materials wood and plastic	Art. No. Steel, yellow galvanized					0234 230 72	0234 230 82	0234 230 92	0234 230 102	0234 230 112	0234 230 122	0234 230 132	0234 230 152	0234 230 182	0234 230 212		
	Art. No. Galvanized steel, blue passivated					0234 830 72	0234 830 82	0234 830 92	0234 830 102	0234 830 112	0234 830 122	0234 830 132	0234 830 152	0234 830 182	0234 830 212	0234 830 252	0234 830 302
<b>Type 3 with AW®30</b> Head diameter 12.5 mm  Suitable application: Thanks to the large flat head, the head makes clean contact on window profiles, providing advantages when using cover caps Suitable cover caps: Art. No. 0590 790 ...	Art. No. Steel, yellow galvanized	0234 930 32	0234 930 42	0234 930 52	0234 930 62	0234 930 72	0234 930 82	0234 930 92	0234 930 102	0234 930 112	0234 930 122	0234 930 132	0234 930 152	0234 930 182	0234 930 212		
	Art. No. Galvanized steel, blue passivated	0234 930 32	0234 930 42	0234 930 52	0234 930 62	0234 930 72	0234 930 82	0234 930 92	0234 930 102	0234 930 112	0234 930 122	0234 930 132	0234 930 152	0234 930 182	0234 930 212		
Packing unit	P. Qty.	200														100	