

# METAL-FRAME-FIXING ANCHOR WUS 10

52

Performance data			
Anchor diameter [mm]			<b>10</b>
Recommended tensile load	Concrete $\geq$ C20/25	F <sub>rec.</sub> [kN]	0.6
	Solid brick		0.6
	Vert. perf. brick		(dependent upon the consistency and strength of the stones) max. 0.5
	Perf. sand-lime brick		0.3
Recommended transverse load	Aerated concrete		0.1
	Concrete $\geq$ C20/25	F <sub>rec.</sub> [kN]	0.4
	Solid brick		0.4
	Vert. perf. brick		(dependent upon the consistency and strength of the stones) max. 0.4
Perf. sand-lime brick	0.4		
Centered tensile load (only Z3 drive)	Aerated concrete		0.25
	Fire resistance duration for concrete $\geq$ B25, masonry Vz $\geq$ 12/II aerated concrete $\geq$ PB4	F30 [kN]	0.35
		F60 [kN]	0.15
		F90 [kN]	0.05
Transverse load (only Z3 drive)	Fire resistance duration for concrete $\geq$ B25, masonry Vz $\geq$ 12/II aerated concrete $\geq$ PB4	F30 [kN]	0.5
		F60 [kN]	0.5
		F90 [kN]	0.5
		F120 [kN]	0.5

Characteristic values		
Minimum setting depth	$h_{nom,min} \geq$ [mm]	30
Drilled hole depth	$h_1 \geq$ [mm]	= setting depth + 5 mm
Nom. drill dia.	$d_0$ [mm]	10
Hole dia. in comp.	$d_f$ [mm]	10.5
Screw dia.	$d_{scr}$ [mm]	6
Tightening torque	$T_{inst}$ [Nm]	8

Anchor dimensions			
Anchor diameter [mm]	<b>10</b>		
Total length	l [mm]	72	202
Maximum fastening height	t <sub>fix</sub> [mm]	40	92
		60	112
Designation		WUS 10/72	WUS 10/92
		WUS 10/112	WUS 10/132
		WUS 10/152	WUS 10/182
		WUS 10/202	WUS 10/202
		WUS 10/202	WUS 10/202
WUS-SK Countersunk head - SK Drive Z3 (green)	Art. No.	0910 436 72	0910 436 92
		0910 436 112	0910 436 132
		0910 436 152	0910 436 182
		0910 436 202	0910 436 202
		0910 437 112	0910 437 132
WUS-LK Tallow-drop head - LK Drive Z3 (green)	Art. No.	0910 437 152	0910 437 182
		0910 437 182	0910 437 182
		0910 437 182	0910 437 182
Packing unit	P. Qty. [piece]	100	

Cover caps														
Tallow-drop head + countersunk head, Drive Z3					Countersunk head with drilled head hole dia. 3 mm, Drive TX30									
Color					Color									
		white, RAL 9010	gray RAL 7001	light brown RAL 8001	dark brown RAL 8016	black RAL 9005		white RAL 9010	gray RAL 7001	yellow RAL 1017	light brown RAL 8001	dark brown RAL 8016	black RAL 9005	
Flat Dia. 15 mm with pin		0590 610 001	0590 610 002	0590 610 003	0590 610 004	0590 610 005	Flat with collar Dia. 15 mm		0590 15	0590 15 5	0590 15 52	0590 15 92	0590 15 91	0590 15 6
Flat with collar Dia. 15 mm with pin		0590 610 011	0590 610 012	0590 610 013	0590 610 014	0590 610 015	Flat with collar Dia. 17 mm		0590 905 1	0590 905 2	0590 905 6	0590 905 3	0590 905 3	0590 905 3
Overlapping Dia. 16 mm		0590 610 021	0590 610 022	0590 610 023	0590 610 024	0590 610 025	Flat with collar Dia. 18 mm with pin		0590 157	0590 157 5	0590 157 6	0590 157 91	0590 157 91	0590 157 91
P. Qty. [piece]		100/1000					P. Qty. [piece]		200					

## Würth System Components

