Performance data

Plug diameter [mm]			6	8	10
Recommended tensile load/transverse load[1]	Hollow blocks HblZ	F_{rec}[kN]	0.10	0.15	0.20
	Solid stone made of lightw. concrete VZ		0.15	0.20	0.35
	Vertically perfor. brick HLZ12		0.15	0.25	0.35
	Perfor. sand-lime brick KSL6		0.20	0.30	0.5
	Aer. concr. PB2 ≥ PB4		0.10 0.15	0.15 0.20	0.25 0.30
Permissible bending torques	Steel, galv.< Zn	T_{per} [Nm]	–	–	–
	A4	T_{per} [Nm]	–	–	–

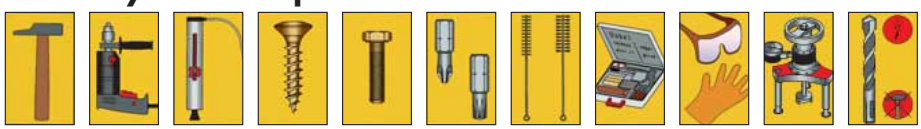
Characteristic values

Axial spacing	a ≥ [mm]	50	50	100
Edge spacing with extra load	s_e ≥ [mm]	50	50	100
Edge spacing without extra load	s_e ≥ [mm]	100	100	250
Drill hole depth	d ≥ [mm]	60	70	100
Setting depth	h_s ≥ [mm]	50	60	90
Min. component thickn.	t ≥ [mm]	70	100	175
Screw dia.	d_{thr} [mm]	5	6	7
Nom. drill dia.	d_{drl} [mm]	6	8	10
Hole dia. in comp.	d_{cmp} [mm]	6.5	8.5	11

Plug dimensions

Total length	l [mm]	60 / 60	80 / 80	100 / 100	120 / 120	100
max. attachment height	d_a [mm]	10 / 10	20 / 20	40 / 40	60 / 60	dependent upon length of screw
Designation		W-RD 6x60 / W-RD 6x60	W-RD 8x80 / W-RD 8x80	W-RD 8x100 / W-RD 8x100	W-RD 8x120 / W-RD 8x120	WD 10x99
Art. No. Frame-fixing anchor with screw		**with collar 0903 06 60** / **no collar 0903 060 60**	**with collar 0903 08 80** / **no collar 0903 080 80**	**with collar 0903 08 100** / **no collar 0903 080 100**	**with collar 0903 08 120** / **no collar 0903 080 120**	**no collar 0912 310 099**
Packing unit	P. Qty.	100	100	50		100

Würth System Components



[1]) Plastic plugs may not be constantly loaded with central pull. A transverse load of at least 10° must be exerted on the plug.