Size table Fischer long-shaft plugs SXR and SXRL

Drill diameter d0, hole depth h2 for push-through installation, maximum fixture thickness t_fix per anchorage depth, length and drive, according to Fischer. The deeper the anchorage, the thinner the fixture may be. T = safety screw with countersunk head, FUS = hexagon head with integrated washer.

type	d0	h2	t_fix 50	t_fix 70	t_fix 90	l	drive
SXR 10 x 52 FUS	10	62	2	–	–	52	T40/SW13
SXR 10 x 60 FUS	10	70	10	–	–	60	T40/SW13
SXR 10 x 80 FUS	10	90	30	–	–	80	T40/SW13
SXR 10 x 100 FUS	10	110	50	–	–	100	T40/SW13
SXR 10 x 120 FUS	10	130	70	–	–	120	T40/SW13
SXR 10 x 140 FUS	10	150	90	–	–	140	T40/SW13
SXR 10 x 160 FUS	10	170	110	–	–	160	T40/SW13
SXR 10 x 180 FUS	10	190	130	–	–	180	T40/SW13
SXR 10 x 200 FUS	10	210	150	–	–	200	T40/SW13
SXR 10 x 230 FUS	10	240	180	–	–	230	T40/SW13
SXR 10 x 260 FUS	10	270	210	–	–	260	T40/SW13
SXR 8 x 60 T	8	70	10	–	–	60	T30
SXR 8 x 80 T	8	90	30	–	–	80	T30
SXR 8 x 100 T	8	110	50	–	–	100	T30
SXR 8 x 120 T	8	130	70	–	–	120	T30
SXR 10 x 80 T	10	90	30	–	–	80	T40
SXR 10 x 100 T	10	110	50	–	–	100	T40
SXR 10 x 120 T	10	130	70	–	–	120	T40
SXR 10 x 140 T	10	150	90	–	–	140	T40
SXR 10 x 160 T	10	170	110	–	–	160	T40
SXR 10 x 180 T	10	190	130	–	–	180	T40
SXR 10 x 200 T	10	210	150	–	–	200	T40
SXR 10 x 230 T	10	240	180	–	–	230	T40
SXR 10 x 260 T	10	270	210	–	–	260	T40
SXRL 8 x 60 FUS	8	70	10	–	–	60	T30/SW10
SXRL 8 x 80 FUS	8	90	30	10	–	80	T30/SW10
SXRL 8 x 100 FUS	8	110	50	30	10	100	T30/SW10
SXRL 8 x 120 FUS	8	130	70	50	30	120	T30/SW10
SXRL 8 x 140 FUS	8	150	90	70	50	140	T30/SW10
SXRL 8 x 160 FUS	8	170	110	90	70	160	T30/SW10
SXRL 10 x 80 FUS	10	90	30	10	–	80	T40/SW13
SXRL 10 x 100 FUS	10	110	50	30	10	100	T40/SW13
SXRL 10 x 120 FUS	10	130	70	50	30	120	T40/SW13
SXRL 10 x 140 FUS	10	150	90	70	50	140	T40/SW13
SXRL 10 x 160 FUS	10	170	110	90	70	160	T40/SW13
SXRL 10 x 180 FUS	10	190	130	110	90	180	T40/SW13
SXRL 10 x 200 FUS	10	210	150	130	110	200	T40/SW13
SXRL 10 x 230 FUS	10	240	180	160	140	230	T40/SW13
SXRL 14 x 80 FUS	14	95	–	10	–	80	T50/SW17
SXRL 14 x 100 FUS	14	115	–	30	10	100	T50/SW17
SXRL 14 x 120 FUS	14	135	–	50	30	120	T50/SW17
SXRL 14 x 140 FUS	14	155	–	70	50	140	T50/SW17
SXRL 14 x 160 FUS	14	175	–	90	70	160	T50/SW17
SXRL 14 x 180 FUS	14	195	–	110	90	180	T50/SW17
SXRL 14 x 200 FUS	14	215	–	130	110	200	T50/SW17
SXRL 14 x 230 FUS	14	245	–	160	140	230	T50/SW17
SXRL 14 x 260 FUS	14	275	–	190	170	260	T50/SW17
SXRL 8 x 60 T	8	70	10	–	–	60	T30
SXRL 8 x 80 T	8	90	30	10	–	80	T30
SXRL 8 x 100 T	8	110	50	30	10	100	T30
SXRL 8 x 120 T	8	130	70	50	30	120	T30
SXRL 8 x 140 T	8	150	90	70	50	140	T30
SXRL 8 x 160 T	8	170	110	90	70	160	T30
SXRL 10 x 80 T	10	90	30	10	–	80	T40

SXRL 10 x 100 T	10	110	50	30	10	100	T40
SXRL 10 x 120 T	10	130	70	50	30	120	T40
SXRL 10 x 140 T	10	150	90	70	50	140	T40
SXRL 10 x 160 T	10	170	110	90	70	160	T40
SXRL 10 x 180 T	10	190	130	110	90	180	T40
SXRL 10 x 200 T	10	210	150	130	110	200	T40
SXRL 10 x 230 T	10	240	180	160	140	230	T40
SXRL 14 x 80 T	14	95	–	10	–	80	T50
SXRL 14 x 100 T	14	115	–	30	10	100	T50
SXRL 14 x 120 T	14	135	–	50	30	120	T50
SXRL 14 x 140 T	14	155	–	70	50	140	T50
SXRL 14 x 160 T	14	175	–	90	70	160	T50
SXRL 14 x 180 T	14	195	–	110	90	180	T50
SXRL 14 x 200 T	14	215	–	130	110	200	T50
SXRL 14 x 230 T	14	245	–	160	140	230	T50
SXRL 14 x 260 T	14	275	–	190	170	260	T50

Anchorage depth: 50 mm in concrete, solid and perforated masonry (SXRL 8 and 10); 70 mm in all base materials, including aerated concrete; 90 mm in perforated masonry and aerated concrete (SXRL 8 and 14) or aerated concrete (SXRL 10).

Permissible tensile load per plug in concrete ≥ C12/15 as part of a multiple fixing of non-structural systems (SXRL, anchorage 50 / 70 / 90 mm): SXRL 8: 1.59 / 1.98 / 1.98 kN · SXRL 10: 2.18 / 2.58 / 2.58 kN · SXRL 14: – / 3.37 / 3.37 kN. For design, the full ETA-07/0121 applies.