

## Elevator screw expansion bolt



**Body Material:** Carbon Steel, Stainless Steel

**Suitable Substrate:** Concrete and Natural Hard Stone

## Elevator screw expansion bolt

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### Installation Data for elevator screw expansion bolt (304)

model number	Drill diameter $\phi$	Drilling depth (mm)	Burial depth (mm)	Effective buried depth (mm)	Standard anchor thickness (mm)
M6X65	6.0	55.0	50.0	43.0	5.0
M8X60	8.0	50.0	40.0	33.0	5.0
M8X70	8.0	60.0	50.0	43.0	5.0
M8X80	8.0	60.0	50.0	43.0	10.0
M8X90	8.0	60.0	50.0	43.0	20.0
M10X90	10.0	70.0	60.0	50.0	15.0
M10X100	10.0	70.0	60.0	50.0	25.0
M10X120	10.0	70.0	60.0	50.0	45.0
M12X100	12.0	90.0	75.0	68.0	5.0
M12X110	12.0	90.0	80.0	68.0	10.0
M12X120	12.0	90.0	80.0	68.0	20.0
M12X140	12.0	90.0	80.0	68.0	40.0

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### Installation Data for elevator screw expansion bolt (304)

model number	Drill diameter $\phi$	Drilling depth (mm)	Burial depth (mm)	Effective buried depth (mm)	Standard anchor thickness (mm)
M12X150	12.0	90.0	80.0	68.0	50.0
M16X100	16.0	90.0	70.0	60.0	5.0
M16X125	16.0	115.0	90.0	80.0	10.0
M16X140	16.0	115.0	95.0	80.0	20.0
M20X125	20.0	105.0	90.0	75.0	10.0
M20X160	20.0	130.0	115.0	100.0	20.0

### Referred margin and spacing value of effective embedment depth

model number	M6	M8	M10	M12	M16	M20
Recommended minimum spacing value (mm)	40	50	60	80	100	120
Recommended minimum margin value (mm)	50	65	80	100	130	160

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Installation Data for elevator screw expansion bolt (UNC)

model number	Drill diameter $\phi$	Drilling depth (in)	Burial depth (in)	Effective buried depth (in)	Standard anchor thickness (in)
1/2-13UNCX3.937	0.500	2.953	2.756	2.244	0.394
5/8-11UNCX5-1/2	0.625	3.937	3.740	3.071	0.787
3/4-10UNCX4.724	0.750	2.952	2.756	1.969	0.787
3/4-10UNCX5-1/2	0.750	3.346	3.150	2.362	1.181
3/4-10UNCX6-3/10	0.750	3.937	3.543	2.756	1.575

## Elevator casing expansion anchor bolt



**Body Material:** Carbon Steel, Stainless Steel

**Suitable Substrate:** Concrete and Natural Hard Stone

## Elevator casing expansion anchor bolt

## Elevator casing expansion anchor bolt

Installation Data for elevator screw expansion bolt (Grade 5.8)

model number	Tube length (mm)	Tube outer diameter $\phi$	Drill diameter $\phi$	Drilling depth (mm)	Effective buried depth (mm)	Maximum anchor thickness (mm)
M6X50	30.0	10.0	10.0	30.0	30.0	5.0
M6X65	40.0	10.0	10.0	40.0	40.0	10.0
M8X65	40.0	12.0	12.0	45.0	40.0	10.0
M8X70	40.0	12.0	12.0	45.0	40.0	10.0
M8X80	50.0	12.0	12.0	55.0	50.0	15.0
M8X90	60.0	12.0	12.0	65.0	60.0	15.0
M10X70	40.0	14.0	14.0	45.0	40.0	10.0
M10X80	40.0	14.0	14.0	45.0	40.0	15.0
M10X95	45.0	14.0	14.0	50.0	45.0	15.0
M10X100	60.0	14.0	14.0	65.0	60.0	20.0
M10X120	70.0	14.0	14.0	75.0	70.0	20.0
M12X100	50.0	17.0	17.0	65.0	50.0	20.0

## Elevator casing expansion anchor bolt

## Elevator casing expansion anchor bolt

Installation Data for elevator screw expansion bolt (Grade 5.8)

model number	Tube length (mm)	Tube outer diameter $\phi$	Drill diameter $\phi$	Drilling depth (mm)	Effective buried depth (mm)	Maximum anchor thickness (mm)
M12X110	60.0	17.0	17.0	70.0	60.0	20.0
M12X120	60.0	17.0	17.0	70.0	60.0	30.0
M12X130	80.0	17.0	17.0	90.0	80.0	20.0
M12X150	80.0	17.0	17.0	90.0	80.0	40.0
M16X125	60.0	22.0	22.0	70.0	60.0	25.0
M16X150	80.0	22.0	22.0	90.0	80.0	40.0
M16X180	100.0	22.0	22.0	110.0	100.0	50.0
M16X200	120.0	22.0	22.0	130.0	120.0	50.0
M20X160	80.0	25.0	25.0	95.0	80.0	40.0
M20X200	110.0	25.0	25.0	125.0	110.0	50.0
M24X200	110.0	32.0	32.0	130.0	110.0	50.0

## Elevator casing expansion anchor bolt

## Elevator casing expansion anchor bolt

Installation Data for elevator screw expansion bolt (Grade 8.8)

model number	Tube length (mm)	Tube outer diameter $\phi$	Drill diameter $\phi$	Drilling depth (mm)	Effective buried depth (mm)	Maximum anchor thickness (mm)
M8X80	50.0	12.0	12.0	55.0	50.0	15.0
M10X80	40.0	14.0	14.0	45.0	40.0	15.0
M10X100	60.0	14.0	14.0	65.0	60.0	20.0
M12X100	50.0	17.0	17.0	65.0	50.0	20.0
M12X120	60.0	17.0	17.0	70.0	60.0	30.0
M12X150	80.0	17.0	17.0	90.0	80.0	40.0
M16X125	60.0	22.0	22.0	70.0	60.0	25.0
M16X150	80.0	22.0	22.0	90.0	80.0	40.0
M20X160	80.0	25.0	25.0	95.0	80.0	40.0



## Elevator casing expansion anchor bolt

## Elevator casing expansion anchor bolt

Installation Data for elevator screw expansion bolt (Grade 304)

model number	Tube length (mm)	Tube outer diameter $\phi$	Drill diameter $\phi$	Drilling depth (mm)	Effective buried depth (mm)	Maximum anchor thickness (mm)
M10X100	60.0	14.0	14.0	65.0	60.0	20.0
M12X100	50.0	17.0	17.0	65.0	50.0	20.0
M12X120	60.0	17.0	17.0	70.0	60.0	30.0
M16X125	60.0	22.0	22.0	70.0	60.0	25.0

Referred margin and spacing value of effective embedment depth

model number	M6	M8	M10	M12	M16	M20	M24
Recommended minimum spacing value (mm)	60	80	90	110	130	150	200
Recommended minimum margin value (mm)	80	100	120	150	180	200	260

Elevator hexagon welding nut



## Elevator hexagon welding nut

## Elevator hexagon welding nut

Model Type	S max	S min	M max	M min
M2	4	3.82	1.6	1.35
M3	5.5	5.32	2.4	2.15
M4	7	6.78	3.2	2.9
M5	8	7.78	4	3.7
M6	10	9.78	5	4.7
M8	13	12.73	6.5	6.14
M10	17	16.73	8	7.64
M12	19	18.57	10	9.64
M14	22	21.57	11	10.3
M16	24	23.67	13	12.3
M18	27	26.16	15	14.3

## Elevator hexagon welding nut

## Elevator hexagon welding nut

Model Type	S max	S min	M max	M min
M20	30	29.16	16	14.9
M22	32	31	18	16.9
M24	36	35	19	17.7
M27	41	40	22	20.7
M30	46	45	24	22.7
M33	50	48	26	24.7
M36	55	53.8	29	27.4
M39	60	58.8	31	29.4
M42	65	63.1	34	32.4
M45	70	68.1	36	34.4
M48	75	73.1	38	36.4

# Elevator guide rail pressure plate

# Elevator guide rail pressure plate

