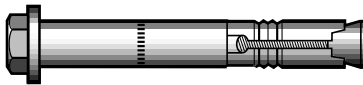


Loose nut head

Code	Description	Thread Ø	Drill Ø	Fixture thickness	Overall length	Per pack	Price per 100
05342	E10 - 15/20	10	15	20	114	25	172.00
05343	E10 - 15/45	10	15	45	139	25	189.60
05344	E10 - 15/65	10	15	65	159	25	202.40
05347	E12 - 18/25	12	18	25	132	25	243.00
05348	E12 - 18/45	12	18	45	152	20	252.20
05349	E12 - 18/65	12	18	65	172	10	269.40
05286	E16 - 24/25	16	24	25	154	10	682.10
05287	E16 - 24/45	16	24	45	174	5	723.80
05288	E16 - 24/95	16	24	95	224	5	889.60
05289	E20 - 28/25	20	28	25	182	5	996.60
05290	E20 - 28/45	20	28	45	202	5	1193.20
05291	E20 - 28/95	20	28	95	252	5	1200.00

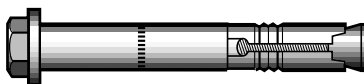


Bolt head

05328	V10 - 15/20	10	15	20	100	25	172.00
05330	V12 - 18/25	12	18	25	120	25	242.80
05265	V16 - 24/25	16	24	25	140	10	525.90
05268	V20 - 28/25	20	28	25	160	5	996.40

Recommended loads (kN)

Thread Ø	Anchor type	Embed depth mm	Max install torque Nm	Concrete strength C20/25	
				Tensile	Shear
M10	Bolt Head	70	46	11.9	19.4
	Loose Nut				14.6
M12	Bolt Head	80	80	15.1	31.3
	Loose Nut				18.6
M16	Bolt Head	100	195	20.6	59.8
	Loose Nut				32.7
M20	Bolt Head	125	380	28.6	96.4
	Loose Nut				51.4



Bolt head

Code	Description	Thread Ø	Drill Ø	Fixture thickness	Overall length	Per pack	Price per 100
05360	V 8 - 12/10	8	12	10	80	50	746.80
05362	V10 - 15/20	10	15	20	100	25	1062.00
05364	V12 - 18/25	12	18	25	120	25	1419.00

Recommended loads (kN)

Thread Ø	Anchor type	Embed depth mm	Max install torque Nm	Concrete strength C20/25	
				Tensile	Shear
M8	Bolt Head	60	23	7.6	12.0
M10	Bolt Head	70	46	11.9	18.9
M12	Bolt Head	80	80	15.1	27.0