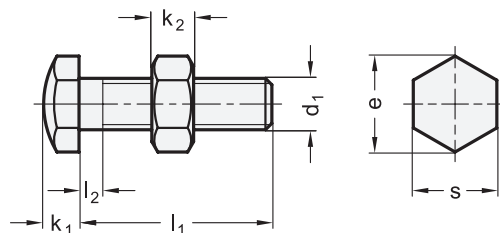
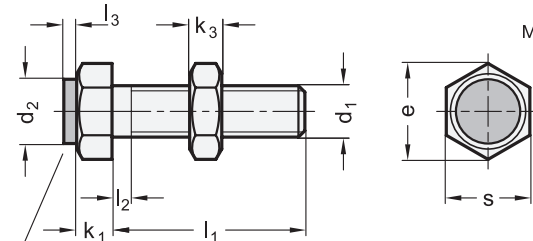


Type AK



Type BK



Polyurethane disk



Mounting block GN 412.1



Metric

3 Type

- AK** Locating surface with rounded end, hardened
- BK** Locating surface with Polyurethane disk

Metric table

Dimensions in: millimeters - inches

d ₁	1 2										e	k ₁	k ₂	l ₂ max.	s
	I ₁ - Type AK														
M 3	10	15	20	25	30	-	-	-	-	-	6.4	2	2.4	1.5	5.5
	0.39	0.59	0.79	0.98	1.18	-	-	-	-	-	0.25	0.08	0.09	0.06	0.22
M 4	10	15	20	25	30	35	40	-	-	-	8.1	2.8	3.2	2.1	7
	0.39	0.59	0.79	0.98	1.18	1.38	1.57	-	-	-	0.32	0.11	0.13	0.08	0.28
M 5	10	15	20	25	30	35	40	50	-	-	9.2	3.5	4	2.4	8
	0.39	0.59	0.79	0.98	1.18	1.38	1.57	1.97	-	-	0.36	0.14	0.16	0.09	0.31
M 6	15	20	25	30	35	40	50	-	-	-	11.5	4	5	3	10
	0.59	0.79	0.98	1.18	1.38	1.57	1.97	-	-	-	0.45	0.16	0.20	0.12	0.39
M 8	15	20	25	30	35	40	50	60	70	80	15	5.5	6.5	3.7	13
	0.59	0.79	0.98	1.18	1.38	1.57	1.97	2.36	2.76	3.15	0.59	0.22	0.26	0.15	0.51
M 10	30	35	40	50	60	70	80	-	-	-	19.6	7	8	4.5	17
	1.18	1.38	1.57	1.97	2.36	2.76	3.15	-	-	-	0.77	0.28	0.31	0.18	0.67
M 12	30	35	40	50	60	70	80	-	-	-	21.9	8	10	5.2	19
	1.18	1.38	1.57	1.97	2.36	2.76	3.15	-	-	-	0.86	0.31	0.39	0.20	0.75
M 16	50	60	70	80	-	-	-	-	-	-	27.7	10	13	6	24
	1.97	2.36	2.76	3.15	-	-	-	-	-	-	1.09	0.39	0.51	0.24	0.94

d ₁	1 2							d ₂	e	k ₁	k ₃	l ₂ max.	l ₃	s
	I ₁ - Type BK													
M 4	15	20	25	30	35	40	-	5	8.1	2.8	2.4	2.1	1.5	7
	0.59	0.79	0.98	1.18	1.38	1.57	-	0.20	0.32	0.11	0.09	0.08	0.06	0.28
M 5	15	20	25	30	35	40	-	6	9.2	3.5	3.2	2.4	1.5	8
	0.59	0.79	0.98	1.18	1.38	1.57	-	0.24	0.36	0.14	0.13	0.09	0.06	0.31
M 6	20	25	30	35	40	45	50	8	11.5	4	3.6	3	2	10
	0.79	0.98	1.18	1.38	1.57	1.77	1.97	0.31	0.45	0.16	0.14	0.12	0.08	0.39
M 8	20	25	30	35	40	45	50	10	15	5.5	5	3.7	2	13
	0.79	0.98	1.18	1.38	1.57	1.77	1.97	0.39	0.59	0.22	0.20	0.15	0.08	0.51
M 10	20	25	30	35	40	45	50	13	19.6	7	6	4.5	2	17
	0.79	0.98	1.18	1.38	1.57	1.77	1.97	0.51	0.77	0.28	0.24	0.18	0.08	0.67

Specification

- Screw
Steel, property class 5.8
- Type AK: Blackened finish
- Type BK: Nickel plated
- Hex nut
Steel, zinc plated, blue passivated finish
- Strength Values of Screws → page 2127
- RoHS compliant

Information

GN 251 stop bolts can be used as end stops or as supports.
 Type AK has a hardened spherical head to handle greater forces. Type BK with Polyurethane disk acts as a damping element or to protect sensitive surfaces.
 A hex nut is supplied for locking the screw in place.

How to order		1 Thread d ₁
GN 251-M8-40-BK		2 Thread length l ₁
		3 Type

3.1
3.2
3.3
3.4
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