

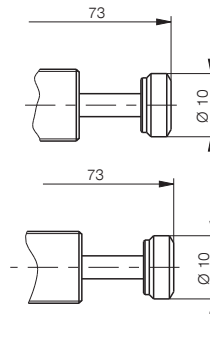
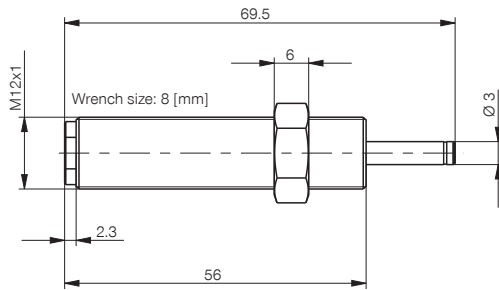
INDUSTRIAL SHOCK ABSORBER

SIZE M12X1



PowerStop®

- ▶ **Angle of Impact max.** 2 [°]
- ▶ **Weight with locknut** 35 [g]
- ▶ **Piston return time** 0.2 [s]
- ▶ **Min. return force** 6 [N]
- ▶ **Max. return force** 10 [N]
- ▶ **Permitted temperature range** -10 ... +70 [°C]



S: assembled with steel head

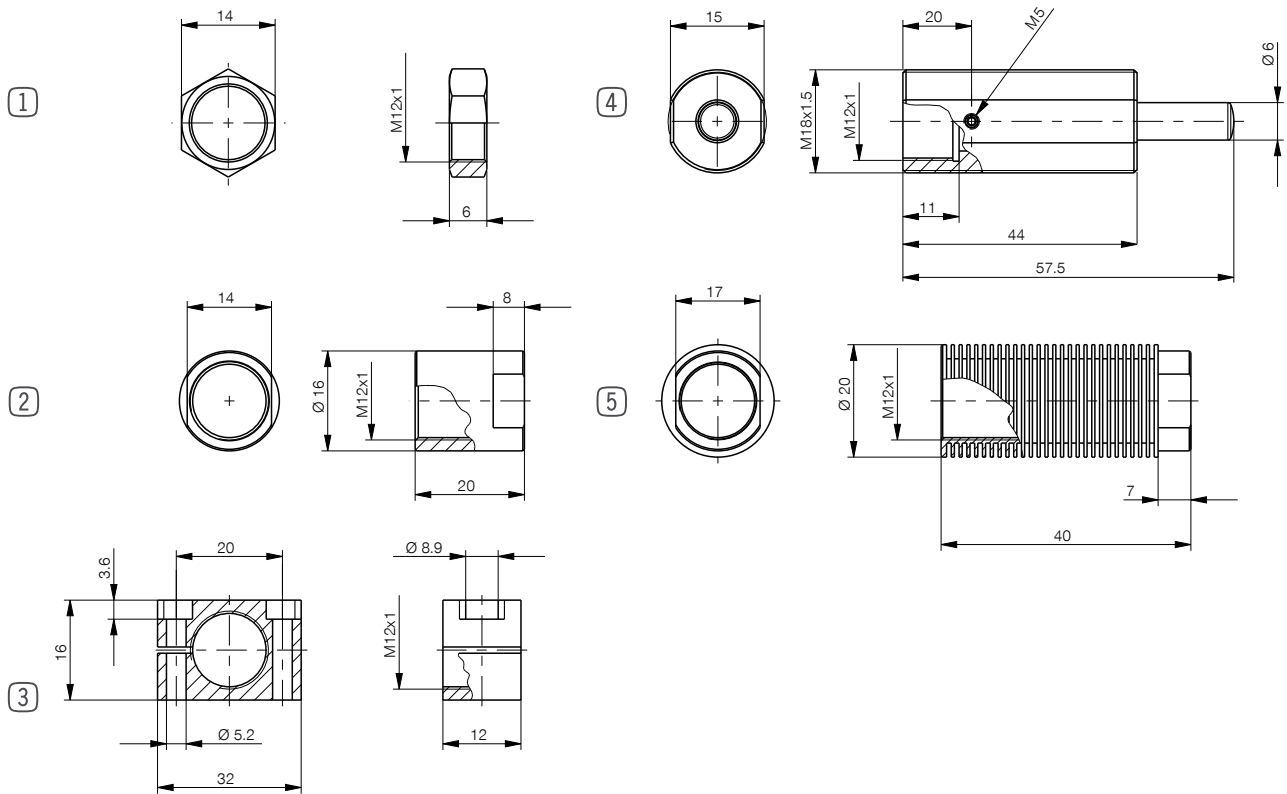
K: assembled with plastic head

▶ Technical data

Order No.	Max. energy absorption			Stroke [mm]	Impact speed	
	Continuous operation		Emergency stop operation		min.	max.
	per stroke [Nm]	per hour [Nm/h]	per stroke [Nm]	[m/s]	[m/s]	
M12X1W	10	18,000	-	10	1.8	4
M12X1WS	10	18,000	-	10	1.8	4
M12X1WK	10	18,000	-	10	1.8	4
M12X1S	16	30,000	22	10	1.8	3.5
M12X1SS	16	30,000	22	10	1.8	3.5
M12X1SK	16	30,000	22	10	1.8	3.5
M12X1M	18	33,000	25	10	0.8	2.2
M12X1MS	18	33,000	25	10	0.8	2.2
M12X1MK	18	33,000	25	10	0.8	2.2
M12X1H	18	33,000	27	10	0.2	1.2
M12X1HS	18	33,000	27	10	0.2	1.2
M12X1HK	18	33,000	27	10	0.2	1.2

▶ Technical data

Order No.	Max. energy absorption			Stroke [mm]	Impact speed	
	Continuous operation		Emergency stop operation		min.	max.
	per stroke [Nm]	per hour [Nm/h]	per stroke [Nm]	[m/s]	[m/s]	
M12X1RS	9	20,000	-	10	1.8	3.5
M12X1RSS	9	20,000	-	10	1.8	3.5
M12X1RSK	9	20,000	-	10	1.8	3.5
M12X1RM	9	20,000	-	10	0.8	2.2
M12X1RMS	9	20,000	-	10	0.8	2.2
M12X1RMK	9	20,000	-	10	0.8	2.2
M12X1RH	9	20,000	-	10	0.2	1.2
M12X1RHS	9	20,000	-	10	0.2	1.2
M12X1RHK	9	20,000	-	10	0.2	1.2



► Size: **M12X1**

Pos.	Accessories	Weight	Order no.
①	Steel locknut	4 [g]	MSM12X1
①	Stainless steel locknut	4 [g]	MVM12X1
②	Stop sleeve*	20 [g]	MAH12X1
③	Clamping flange	40 [g]	MKF12X1
④	Side load adapter / air barrier adapter	60 [g]	MRA12X1
⑤	Cooling nut	20 [g]	MKM12X1

Maximum fastening torque of locknut: 10 [Nm]

*inclusive Stainless-Steel locknut MVM