



# Design Change Notice

Document: dcn20210206\_M  
\_Dampers\_Launch\_20-503

Prepared by: 2021-02-04 Würgler Hanspeter Approved by: 2021-02-06 Weisskopf Urs

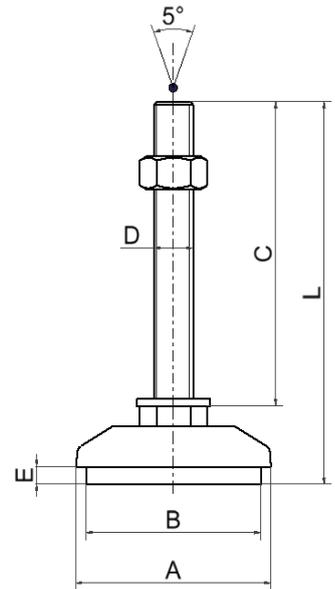
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## New M (metallic) vibration dampers

We are pleased to announce the launch of the new M damper family. These products are equipped with metallic cushions for absorbing vibrations. This damper family complement the family of the N and NOX dampers (rubber cushions).

### Characteristics and benefits

1. Insulates structure-borne noise.
2. Chrome-steel cushion temperature resistant -40°C to +250°C
3. Resistant against corrosion, greases and solvents.
4. Up to 3g dynamic shock loading permissible.
5. Unlimited lifetime
6. Anti-slip sole available as accessory (see page 2)



Technical data:

Part no.	Type	Load Gmin. - Gmax. [N]	Max. dynamic load [N]	Deflection with Gmax. approx. [mm]	Natural frequency [Hz]	øA	øB	C	D	E	L	Weight [kg]
05 158 001	M 43 M16	300 - 2'500	12'500	3.0	20 - 26	80	61	120	M16	7	151	0.7
05 158 002	M 44 M16	2'000 - 27'000	70'000	3.0	20 - 26	80	72	120	M16	7	151	0.7
05 158 003	M 45 M20	5'000 - 35'000	75'000	3.0	20 - 26	128	119	120	M20	8	157	1.8
05 158 011	M 43W M16	300 - 2'500	12'500	6.0	14 - 19	80	63	120	M16	11	155	0.6
05 158 012	M 44W M16	1'000 - 13'000	45'000	6.0	14 - 19	80	71	120	M16	18	162	0.7
05 158 013	M 45W M20	2'000 - 25'000	60'000	6.0	14 - 19	128	120	120	M20	18	168	1.9

If no other units are specified, the numbers given are in mm.

The new products are supplied with one nut and one washer assembled on the spindle.

### Proceeding

- These products are available from mid March 2021
- These products will replace the special "NIBSOL" dampers (see dcn20210209...)
- For prices, please refer to the current price list.



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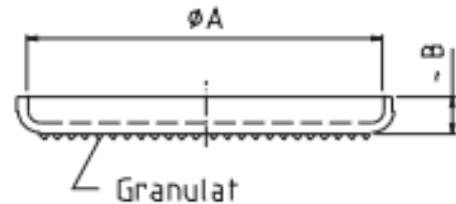
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## M (metallic) vibration damper accessories Anti-slip sole

To prevent slippage of the M dampers a dedicated Anti-slip sole is available.

### Characteristics and benefits

1. Increases friction between floor and damper.
2. Digs into floor.
3. Made from premium steel.
4. Bottom side equipped with granules.
5. Appropriate M damper available (see page 1)



Part no.	Anti-slip sole for	$\varnothing A$	B approx.	Weight [kg]
04 020 451	<b>M 43, M 43W</b>	61	7	0.11
04 020 452	<b>M 44, M 44W</b>	71	7	0.12
04 020 453	<b>M 45, M 45W</b>	120	7	0.29

If no other units are specified, the numbers given are in mm.

### Proceeding

- These products are available from mid March 2021