HBT-ISOL
passion for silence

Vibration isolation

6000

ISOFED®
ISOSAWI
ISOLPUR-MINI®

Vibration isolation

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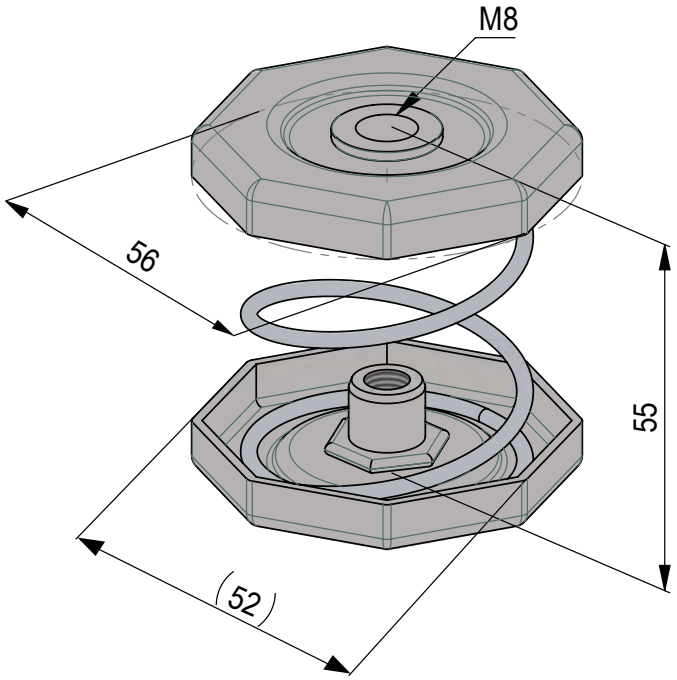
ISOFED®-SMALL

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-SMALL
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Norm	Design according DIN EN 13906-1



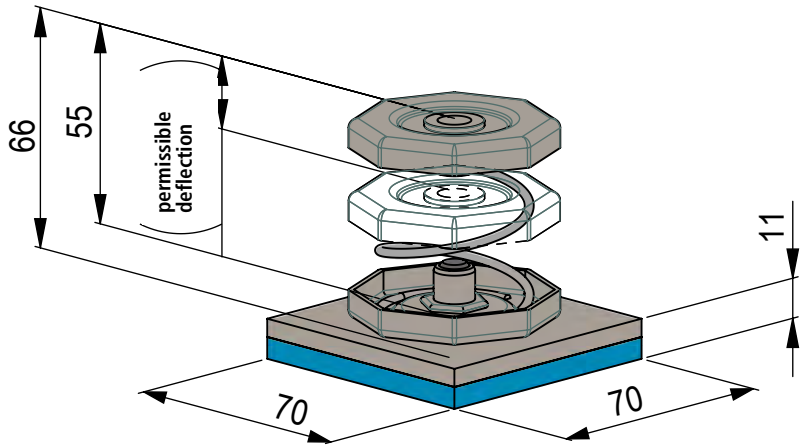
Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-1	1.8	20	3.5	3.6	0.04
ISOFED®-SMALL-2	2.3	20	3.5	4.6	0.05
ISOFED®-SMALL-3	3.8	20	3.5	7.6	0.08
ISOFED®-SMALL-4	6.3	20	3.5	12.6	0.13
ISOFED®-SMALL-5	11.2	20	3.5	22.3	0.22
ISOFED®-SMALL-6	16.6	20	3.5	33.2	0.33
ISOFED®-SMALL-7	22.5	20	3.5	45.0	0.45
ISOFED®-SMALL-8	37.7	20	3.5	75.3	0.75

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

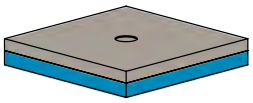
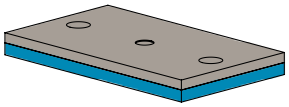
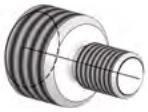
ISOFED®-SMALL-ONE

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Spezifikationen	
Type	ISOFED®-SMALL-ONE
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	Only possible with headplate
Execution	Including screwed head plate at the bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
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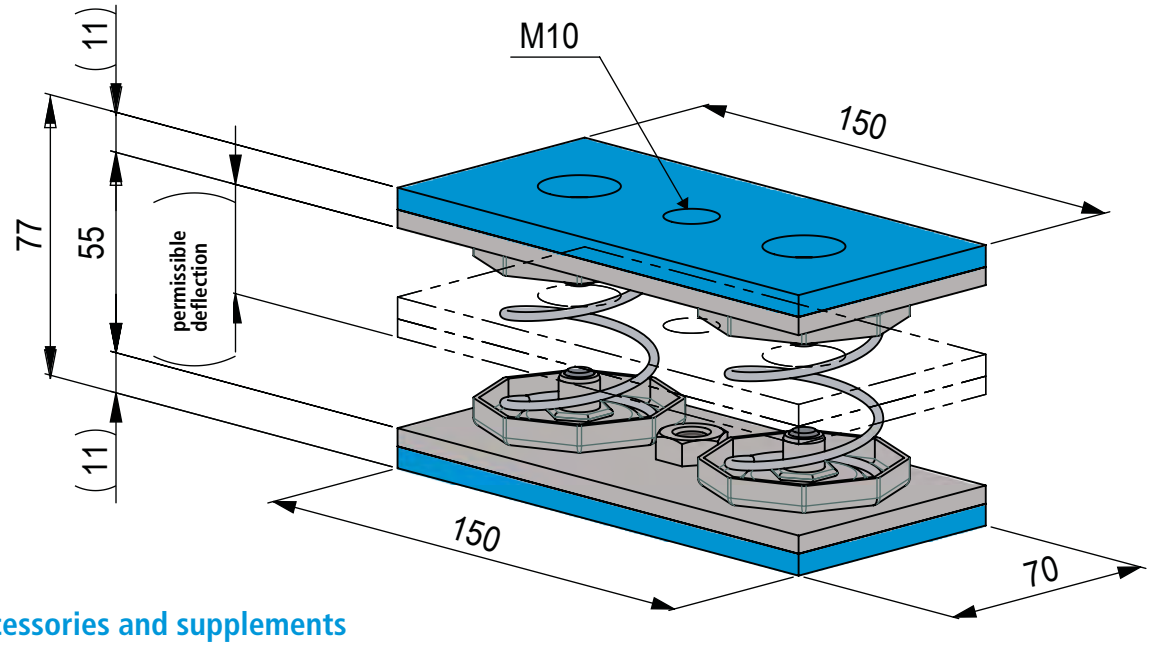
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-ONE-1	1.8	20	3.5	3.6	0.04
ISOFED®-SMALL-ONE-2	2.3	20	3.5	4.6	0.05
ISOFED®-SMALL-ONE-3	3.8	20	3.5	7.6	0.08
ISOFED®-SMALL-ONE-4	6.3	20	3.5	12.6	0.13
ISOFED®-SMALL-ONE-5	11.2	20	3.5	22.3	0.22
ISOFED®-SMALL-ONE-6	16.6	20	3.5	33.2	0.33
ISOFED®-SMALL-ONE-7	22.5	20	3.5	45.0	0.45
ISOFED®-SMALL-ONE-8	37.7	20	3.5	75.3	0.75

(1) Thread adapter or height adjustment can be used
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

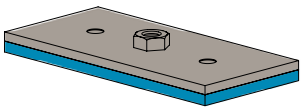
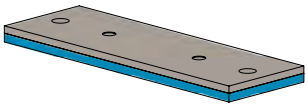
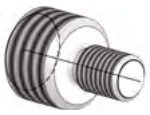
ISOFED®-SMALL-TWO

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-SMALL-TWO
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
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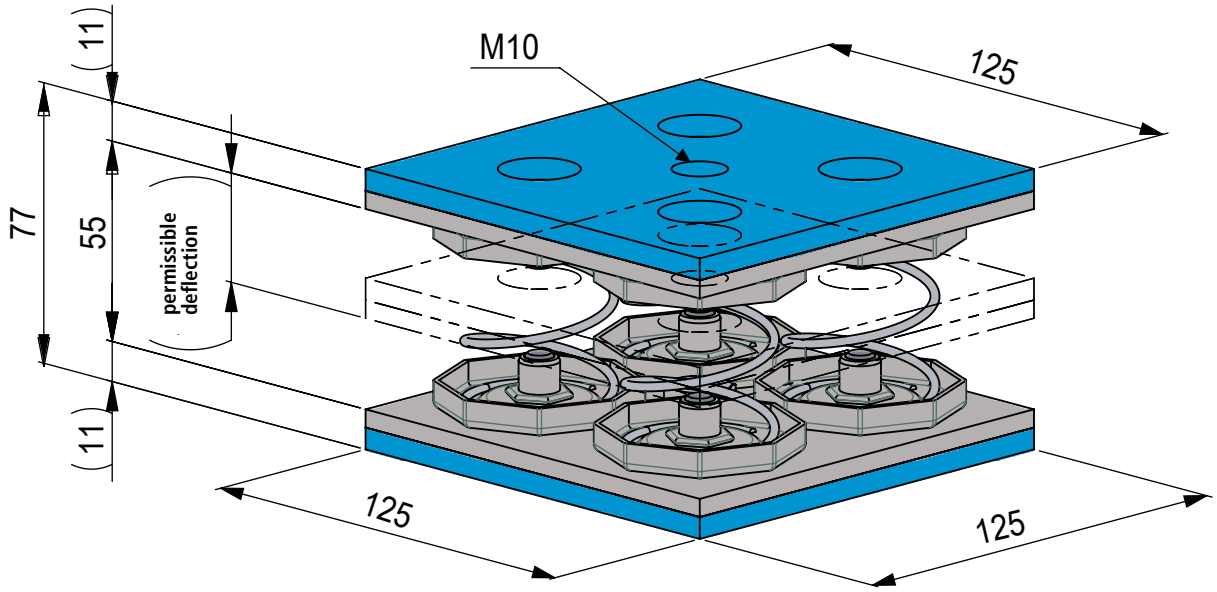
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-TWO-1	3.6	20	3.5	7.1	0.07
ISOFED®-SMALL-TWO-2	4.6	20	3.5	9.2	0.09
ISOFED®-SMALL-TWO-3	7.6	20	3.5	15.2	0.15
ISOFED®-SMALL-TWO-4	12.6	20	3.5	25.2	0.25
ISOFED®-SMALL-TWO-5	22.3	20	3.5	44.7	0.45
ISOFED®-SMALL-TWO-6	33.2	20	3.5	66.3	0.66
ISOFED®-SMALL-TWO-7	45.0	20	3.5	90.0	0.90
ISOFED®-SMALL-TWO-8	75.3	20	3.5	150.7	1.51

(1) Thread adapter or height adjustment can be mounted on the headplate
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

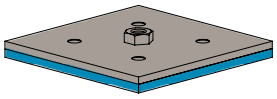
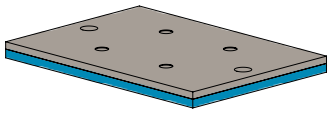
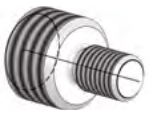
ISOFED®-SMALL-FOUR

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-SMALL-FOUR
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
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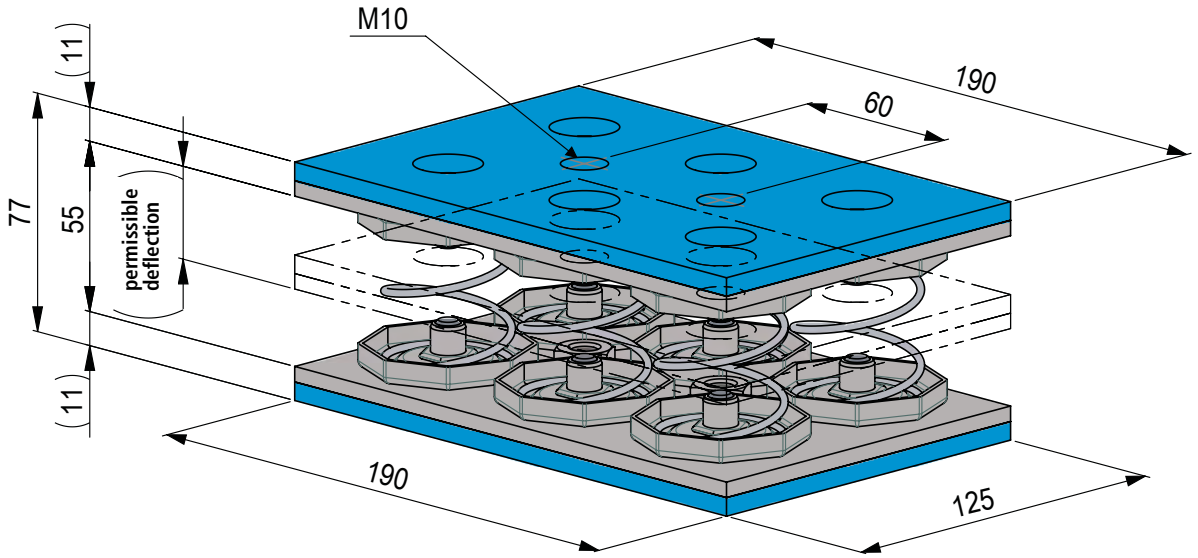
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-FOUR-1	7.1	20	3.5	14.2	0.14
ISOFED®-SMALL-FOUR-2	9.2	20	3.5	18.3	0.18
ISOFED®-SMALL-FOUR-3	15.2	20	3.5	30.3	0.30
ISOFED®-SMALL-FOUR-4	25.2	20	3.5	50.5	0.50
ISOFED®-SMALL-FOUR-5	44.7	20	3.5	89.4	0.89
ISOFED®-SMALL-FOUR-6	66.3	20	3.5	132.6	1.33
ISOFED®-SMALL-FOUR-7	90.0	20	3.5	180.1	1.80
ISOFED®-SMALL-FOUR-8	150.7	20	3.5	301.4	3.01

(1) Thread adapter or height adjustment can be mounted on the headplate
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

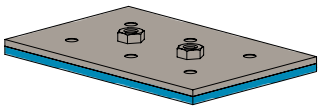
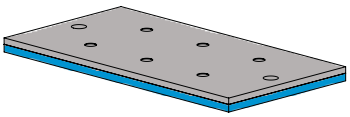
ISOFED®-SMALL-SIX

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-SMALL-SIX
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes
	
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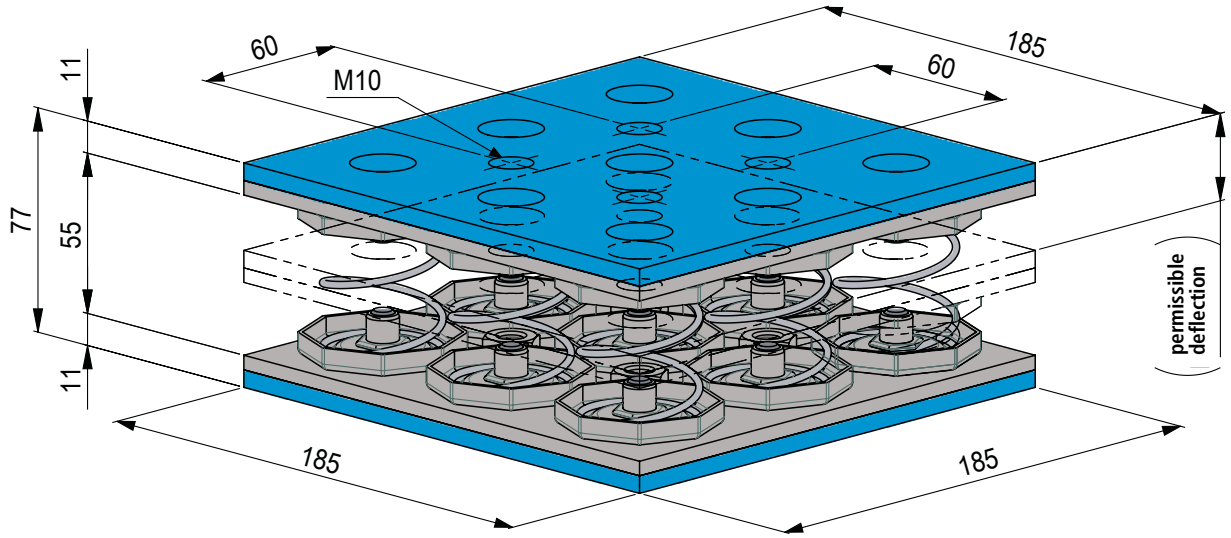
Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-SIX-1	10.7	20	3.5	21.4	0.21
ISOFED®-SMALL-SIX-2	13.7	20	3.5	27.5	0.27
ISOFED®-SMALL-SIX-3	22.7	20	3.5	45.5	0.45
ISOFED®-SMALL-SIX-4	37.9	20	3.5	75.7	0.76
ISOFED®-SMALL-SIX-5	67.0	20	3.5	134.0	1.34
ISOFED®-SMALL-SIX-6	99.5	20	3.5	199.0	1.99
ISOFED®-SMALL-SIX-7	135.1	20	3.5	270.1	2.70
ISOFED®-SMALL-SIX-8	226.0	20	3.5	452.0	4.52

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

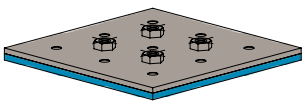
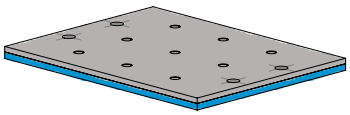
ISOFED®-SMALL-NINE

Areas of application
The **ISOFED®-SMALL** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-SMALL-NINE
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes
	
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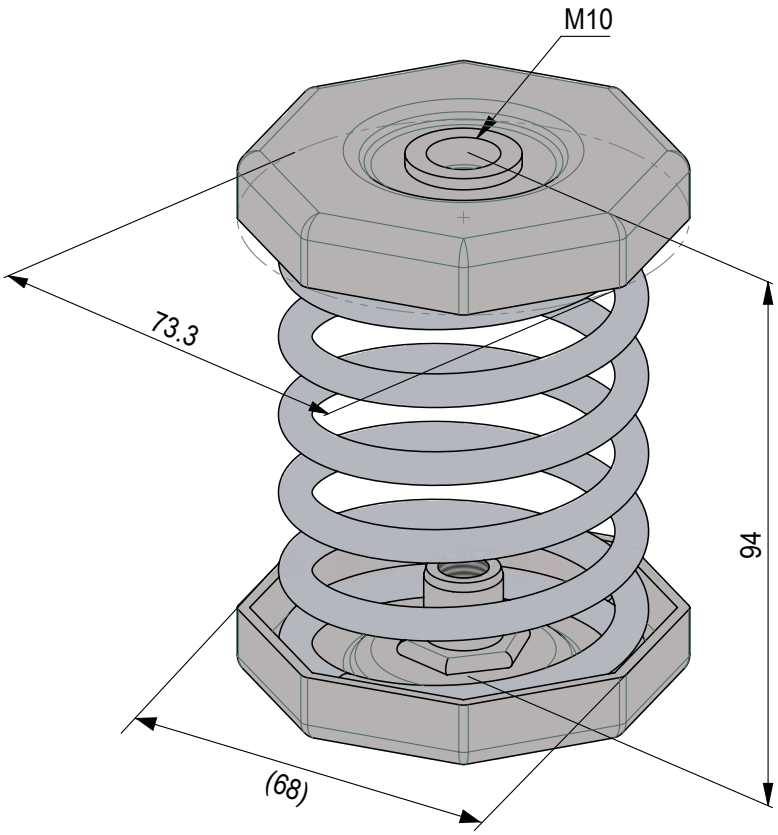
Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-SMALL-NINE-1	16.0	20	3.5	32.0	0.32
ISOFED®-SMALL-NINE-2	20.6	20	3.5	41.2	0.41
ISOFED®-SMALL-NINE-3	34.1	20	3.5	68.2	0.68
ISOFED®-SMALL-NINE-4	56.8	20	3.5	113.6	1.14
ISOFED®-SMALL-NINE-5	100.5	20	3.5	201.1	2.01
ISOFED®-SMALL-NINE-6	149.2	20	3.5	298.4	2.98
ISOFED®-SMALL-NINE-7	202.6	20	3.5	405.2	4.05
ISOFED®-SMALL-NINE-8	339.0	20	3.5	678.1	6.78

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

ISOFED®-BIG

Areas of application
The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Norm	Design according DIN EN 13906-1



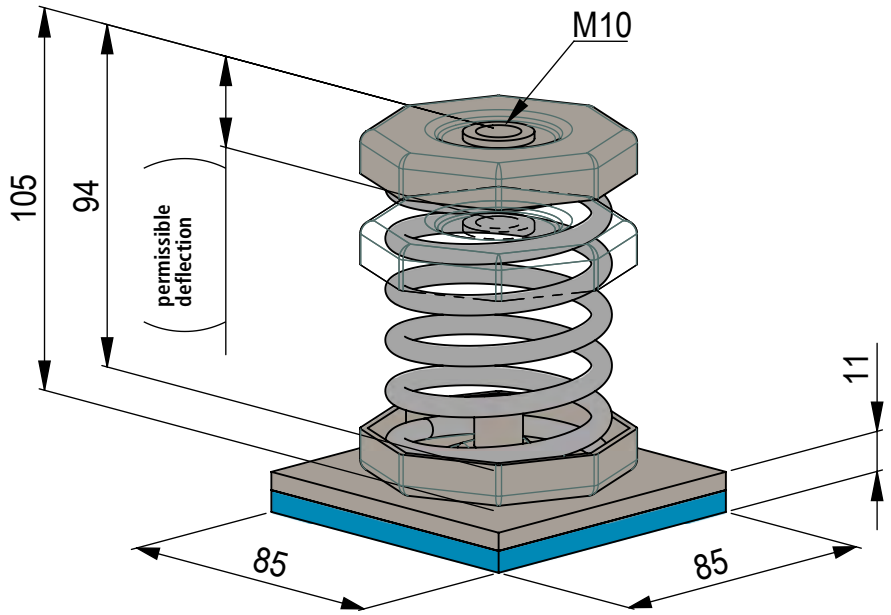
Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-1	7.9	25	3.2	19.7	0.20
ISOFED®-BIG-2	12.8	25	3.2	31.9	0.32
ISOFED®-BIG-3	18.9	25	3.2	47.2	0.47
ISOFED®-BIG-4	28.8	25	3.2	72.0	0.72
ISOFED®-BIG-5	52.1	25	3.2	130.3	1.30
ISOFED®-BIG-6	85.1	25	3.2	212.8	2.13
ISOFED®-BIG-7	140.8	25	3.2	352.0	3.52

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

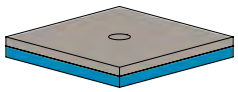
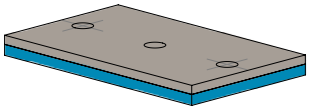
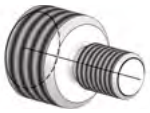
ISOFED®-BIG-ONE

Areas of application
The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG-ONE
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	Only possible with headplate
Execution	Including screwed head plate at the bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
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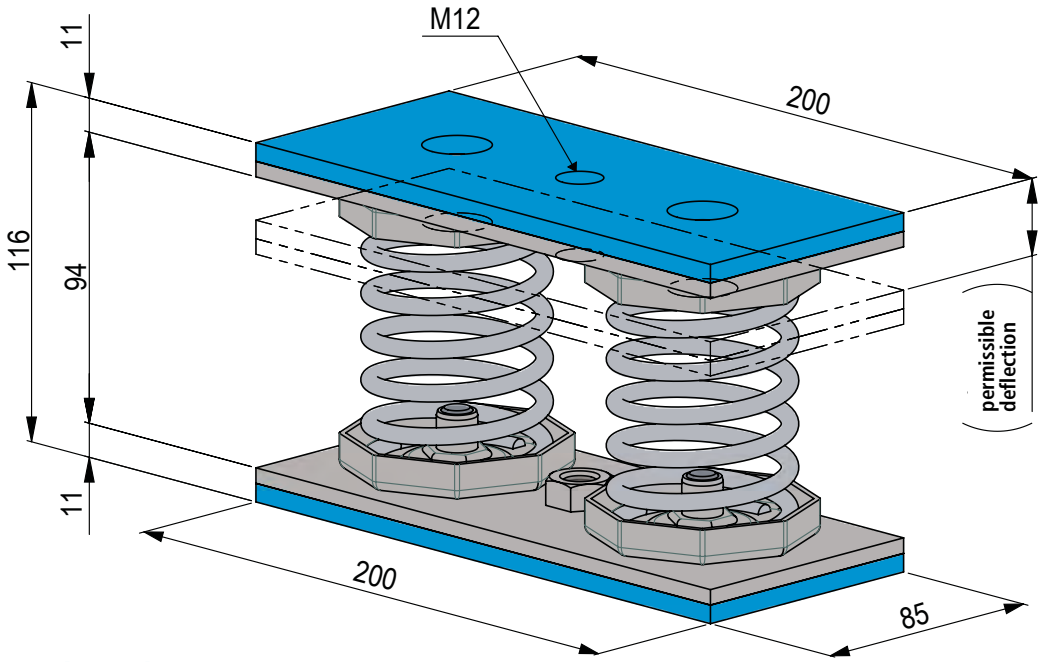
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-ONE-1	7.9	25	3.2	19.7	0.20
ISOFED®-BIG-ONE-2	12.8	25	3.2	31.9	0.32
ISOFED®-BIG-ONE-3	18.9	25	3.2	47.2	0.47
ISOFED®-BIG-ONE-4	28.8	25	3.2	72.0	0.72
ISOFED®-BIG-ONE-5	52.1	25	3.2	130.3	1.30
ISOFED®-BIG-ONE-6	85.1	25	3.2	212.8	2.13
ISOFED®-BIG-ONE-7	140.8	25	3.2	352.0	3.52

(1) Thread adapter or height adjustment can be used
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

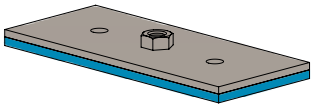
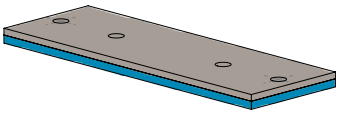
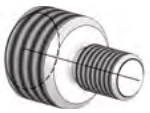
ISOFED®-BIG-TWO

Areas of application
The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG-TWO
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
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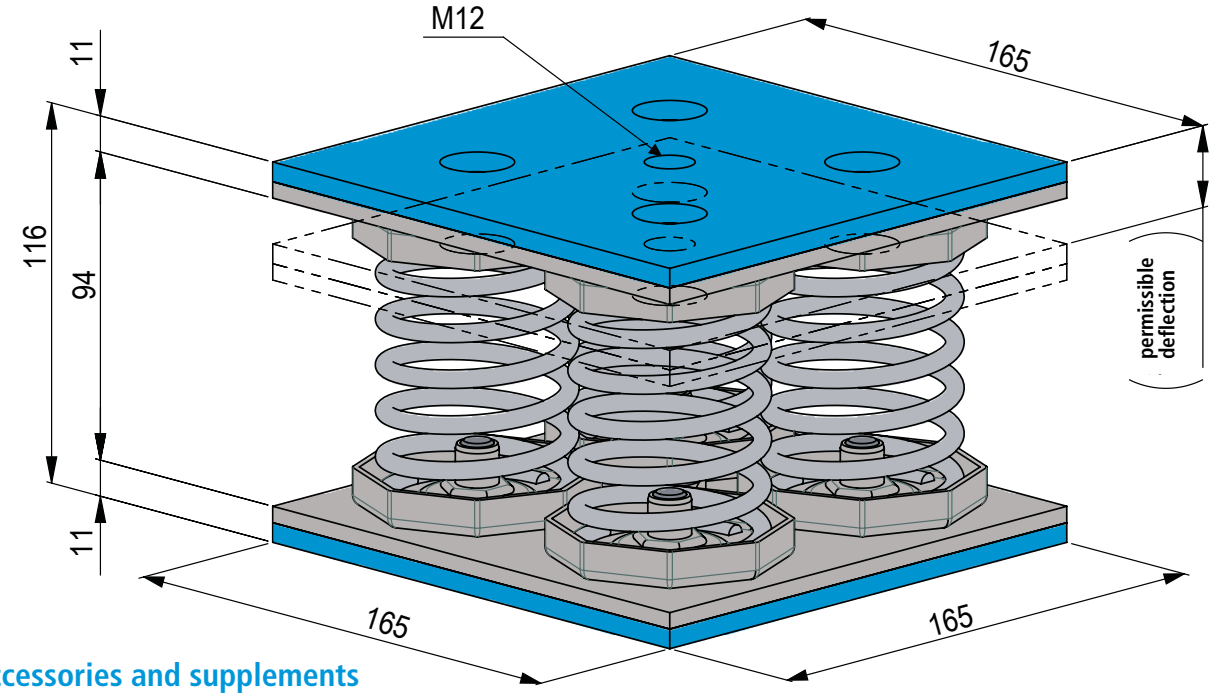
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-TWO-1	15.8	25	3.2	39.5	0.39
ISOFED®-BIG-TWO-2	25.5	25	3.2	63.9	0.64
ISOFED®-BIG-TWO-3	37.8	25	3.2	94.5	0.94
ISOFED®-BIG-TWO-4	57.6	25	3.2	143.9	1.44
ISOFED®-BIG-TWO-5	104.2	25	3.2	260.5	2.61
ISOFED®-BIG-TWO-6	170.2	25	3.2	425.5	4.26
ISOFED®-BIG-TWO-7	281.6	25	3.1	732.2	7.32

(1) Thread adapter or height adjustment can be mounted on the headplate
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

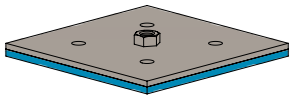
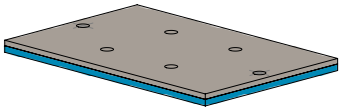
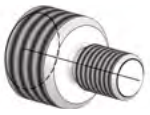
ISOFED®-BIG-FOUR

Areas of application
The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG-FOUR
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes	Thread adapter (1)	Height adjustment (1)
			
Page 23	Page 23	Page 24	Page 24

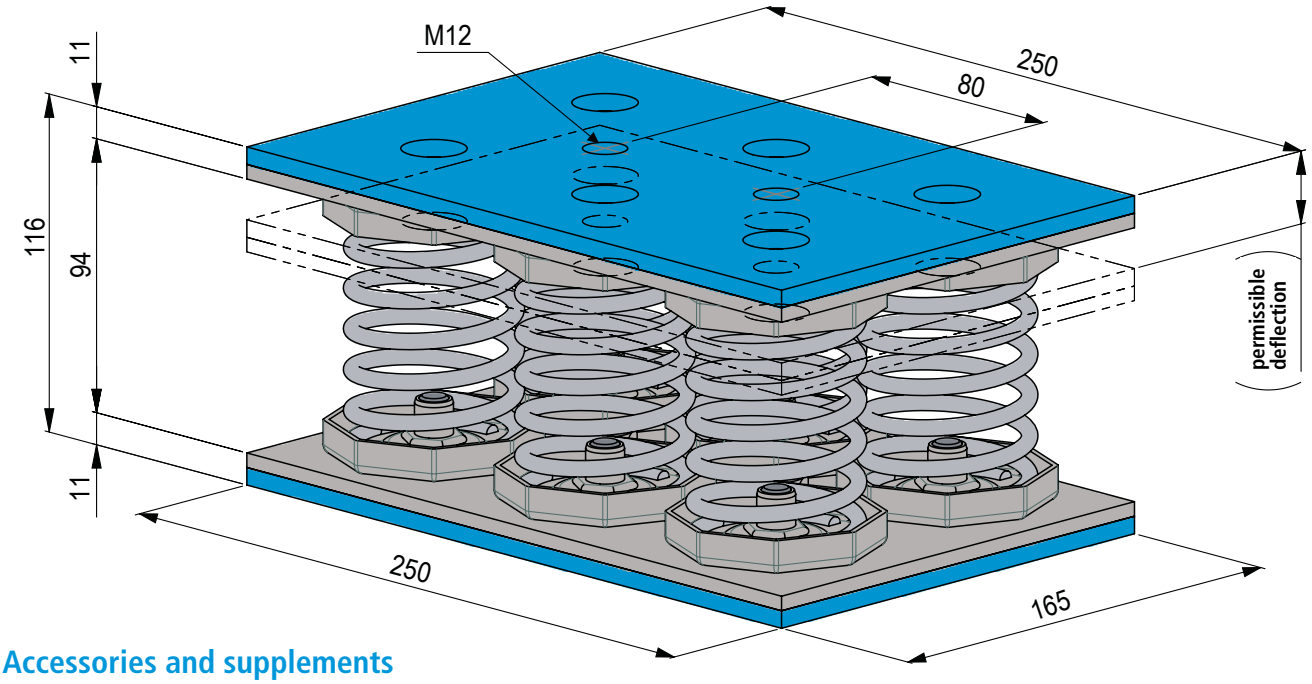
Product	Spring constant	Permissible deflection (2)	Natural frequency (3)	Permissible load (2)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-FOUR-1	31.6	25	3.2	78.9	0.79
ISOFED®-BIG-FOUR-2	51.1	25	3.2	127.7	1.28
ISOFED®-BIG-FOUR-3	75.6	25	3.2	188.9	1.89
ISOFED®-BIG-FOUR-4	115.1	25	3.2	287.8	2.88
ISOFED®-BIG-FOUR-5	208.4	25	3.2	521.0	5.21
ISOFED®-BIG-FOUR-6	340.4	25	3.2	851.0	8.51
ISOFED®-BIG-FOUR-7	563.2	25	3.1	1464.3	14.64

(1) Thread adapter or height adjustment can be mounted on the headplate
(2) With high dynamic loads, the static deflection must be reduced
(3) Natural frequency with permissible deflection due to weight force

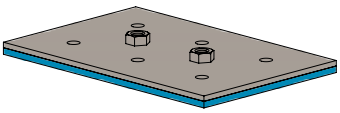
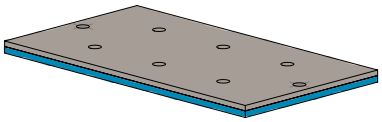
ISOFED®-BIG-SIX

Areas of application
The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG-SIX
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes
	
Page 23	Page 23

Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-SIX-1	47.3	25	3.2	118.4	1.18
ISOFED®-BIG-SIX-2	76.6	25	3.2	191.6	1.92
ISOFED®-BIG-SIX-3	113.3	25	3.2	283.4	2.83
ISOFED®-BIG-SIX-4	172.7	25	3.2	431.7	4.32
ISOFED®-BIG-SIX-5	312.6	25	3.2	781.5	7.85
ISOFED®-BIG-SIX-6	510.6	25	3.2	1276.5	12.77
ISOFED®-BIG-SIX-7	844.8	25	3.1	2196.5	21.96

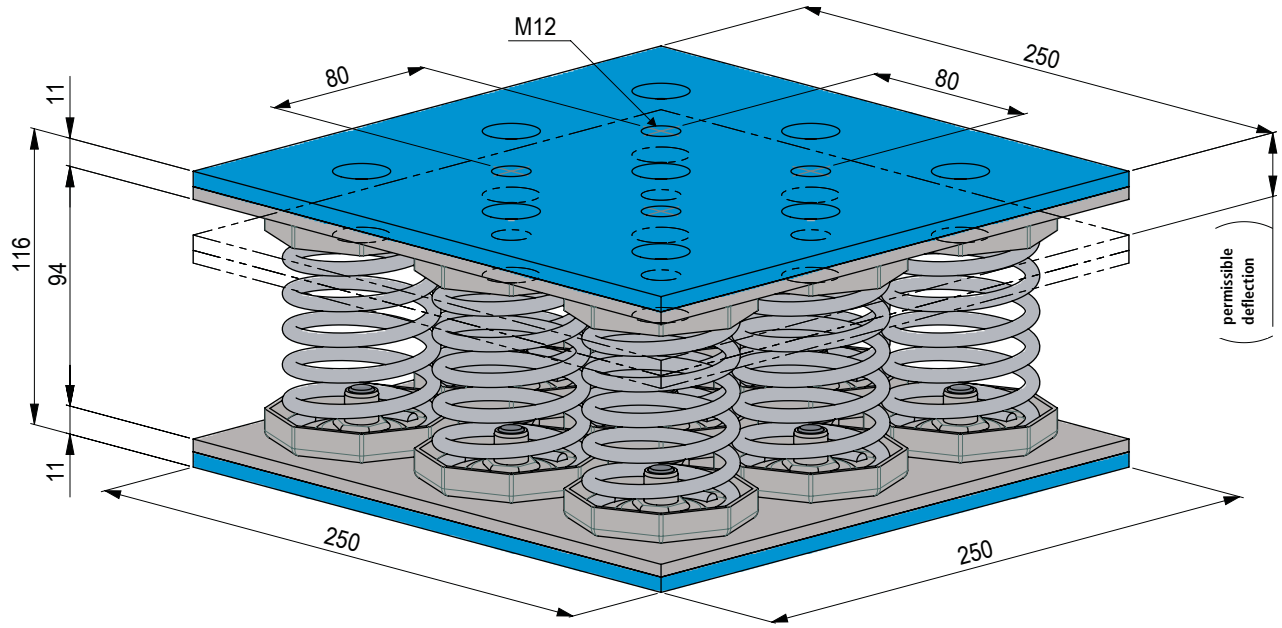
(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

ISOFED®-BIG-NINE

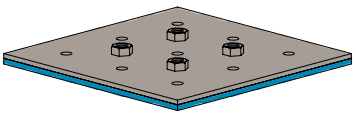
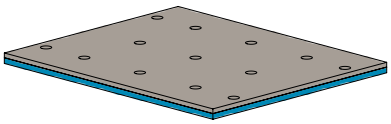
Areas of application

The **ISOFED®-BIG** range is used for vibration and structure-borne sound insulation of building services equipment and machinery such as ventilation systems, chillers, recoolers, heat pumps, emergency power generators, IT data servers, pumps, etc.

Specifications	
Type	ISOFED®-BIG-NINE
Corrosion protection	Stainless steel A2
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Execution	Including screwed headplate top and bottom
Norm	Design according DIN EN 13906-1



Accessories and supplements

Headplate	Base plate with anchoring holes
	
Page 23	Page 23

Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOFED®-BIG-NINE-1	71.0	25	3.2	177.5	1.78
ISOFED®-BIG-NINE-2	114.9	25	3.2	287.3	2.87
ISOFED®-BIG-NINE-3	170.0	25	3.2	425.0	4.25
ISOFED®-BIG-NINE-4	259.0	25	3.2	647.6	6.48
ISOFED®-BIG-NINE-5	468.9	25	3.2	1172.3	11.72
ISOFED®-BIG-NINE-6	765.9	25	3.2	1914.8	19.15
ISOFED®-BIG-NINE-7	1267.2	25	3.1	3168.0	31.68

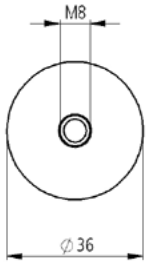
(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

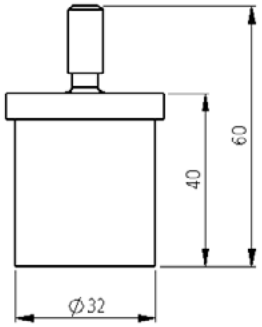
ISOLPUR-MINI® – Vibration absorber

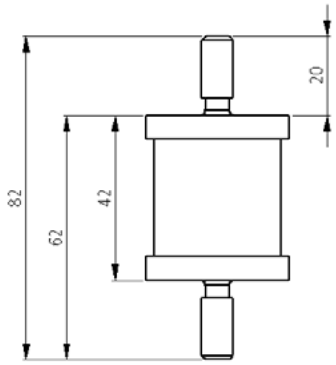
Areas of application

ISOLPUR-MINI® Vibration dampers are used for mounting compact components, aggregates and small systems such as fans, heat pumps, compressors and air conditioning systems.

Specifications	
Scope of application	inside and outside
Caps	made of high-strength PA
damping element	PUR
Screw fitting	M8 threaded bolt
Options	For higher quantities, dampers can be supplied with individual load ranges and natural frequencies





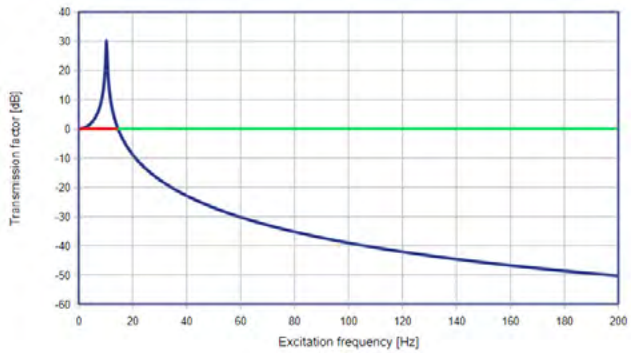


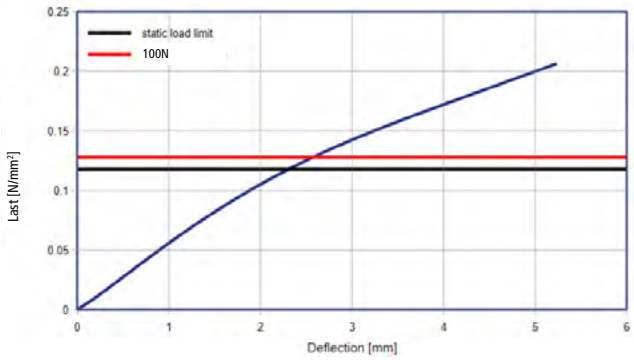
Type	optimal load [N] [1]	Natural frequency [Hz] at optimum load [2]	Threaded bolt
ISOLPUR-MINI®-PN100	100	8,4	one-sided or double-sided
ISOLPUR-MINI®-PN180	180	8,7	one-sided or double-sided
ISOLPUR-MINI®-PN340	340	9,6	one-sided or double-sided
ISOLPUR-MINI®-PN500	500	9,1	one-sided or double-sided

[1] taking into account a max. load of the elastomer of 110 %.

[2] related to the optimum load

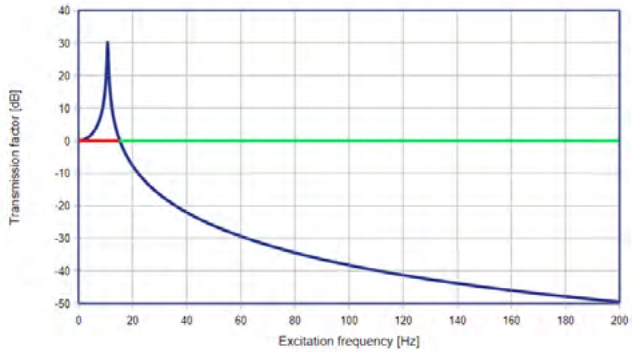
ISOLPUR-MINI®-PN100

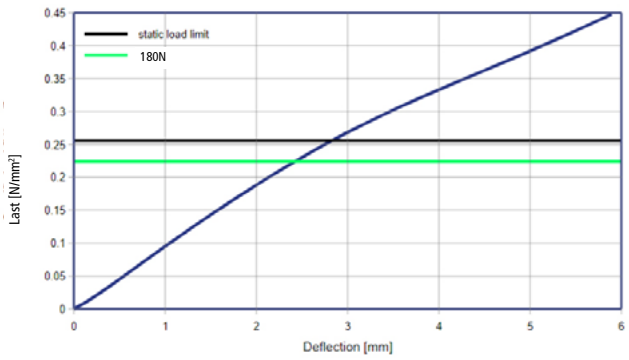




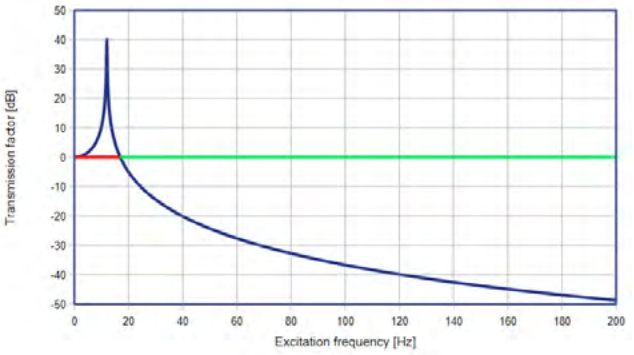
For higher quantities, dampers can be supplied with individual load ranges and natural frequencies.

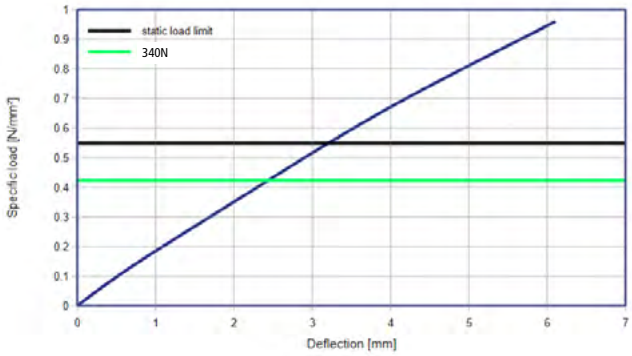
ISOLPUR-MINI®-PN180



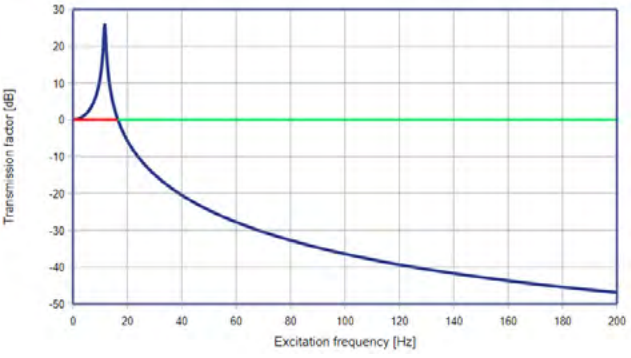


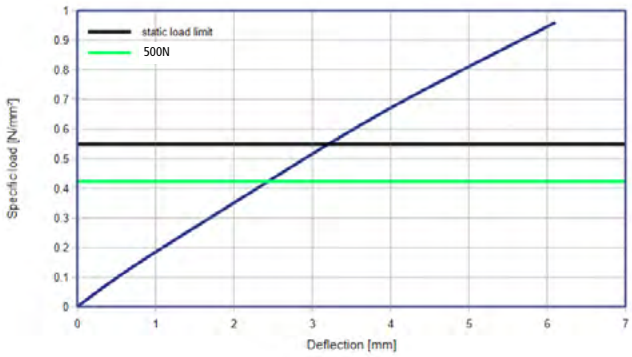
ISOLPUR-MINI®-PN340





ISOLPUR-MINI®-PN500

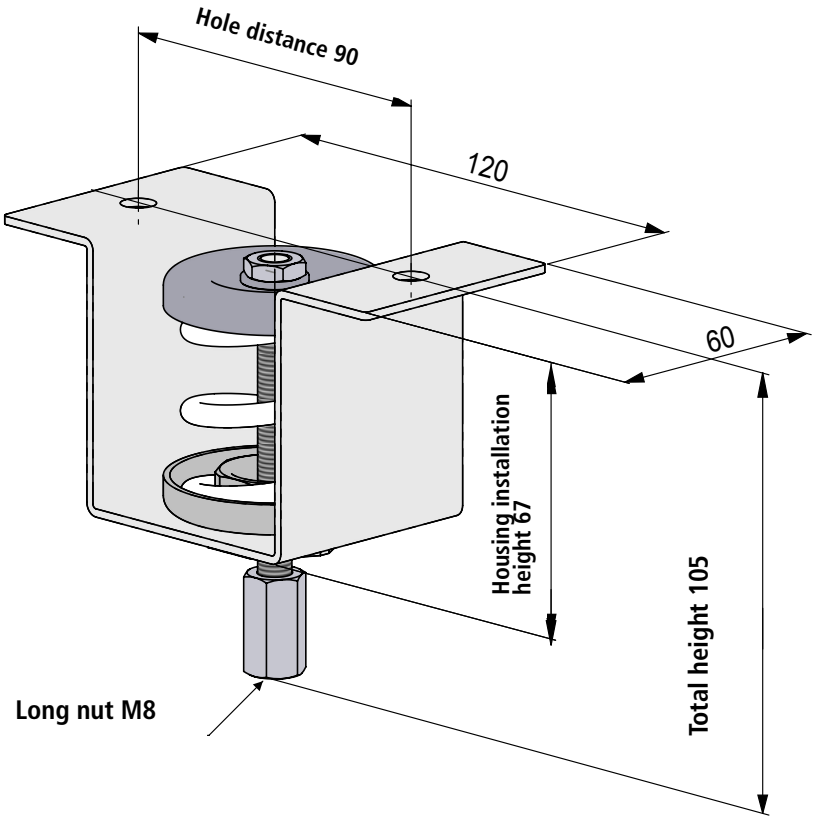




ISOHANG®

Areas of application
The **ISOHANG®** system is used in the low frequency range for suspended acoustic ceilings (natural frequency/resonance frequency ≥ 3.5 Hz. The ideal connection between ceiling and substructure for supporting structures made of metal or wood.

Specifications	
Type	ISOHANG®-SMALL
Corrosion protection	Galvanically zinc plated
Scope of application	Inside
Norm	Design according DIN EN 13906-1



Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOHANG®-SMALL-1	1.5	20	3.5	2.9	0.03
ISOHANG®-SMALL-2	2.5	20	3.5	4.9	0.05
ISOHANG®-SMALL-3	4.4	20	3.5	8.8	0.09
ISOHANG®-SMALL-4	6.9	20	3.5	13.7	0.14
ISOHANG®-SMALL-5	11.3	20	3.5	22.6	0.23
ISOHANG®-SMALL-6	17.2	20	3.5	34.3	0.34
ISOHANG®-SMALL-7	26.0	20	3.5	51.9	0.52
ISOHANG®-SMALL-8	44.2	20	3.5	88.3	0.88

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

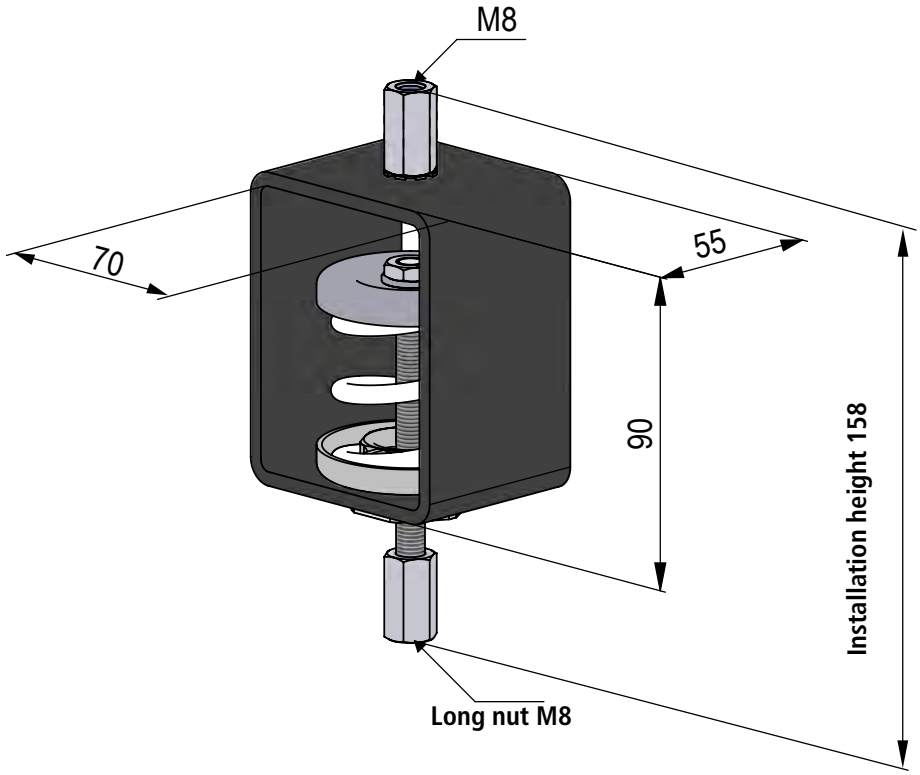
ISOROHR®-SMALL

Areas of application

The **ISOROHR®-SMALL system** is used to suspend metal constructions from ceilings with low tensile load. The **ISOROHR®-SMALL** system is used to attach small fans, blowers, air conditioning units and small pipes to the ceiling. They prevent the transmission of vibrations and structure-borne sound.

Specifications

Type	ISOROHR®-SMALL
Corrosion protection	Spring galvanised, tube powder coated
Scope of application	Inside and outside
Preload	On request
Norm	Design according DIN EN 13906-1



Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOROHR®-SMALL-1	1.5	20	3.5	2.9	0.03
ISOROHR®-SMALL-2	2.5	20	3.5	4.9	0.05
ISOROHR®-SMALL-3	4.4	20	3.5	8.8	0.09
ISOROHR®-SMALL-4	6.9	20	3.5	13.7	0.14
ISOROHR®-SMALL-5	11.3	20	3.5	22.6	0.23
ISOROHR®-SMALL-6	17.2	20	3.5	34.3	0.34
ISOROHR®-SMALL-7	26.0	20	3.5	51.9	0.52
ISOROHR®-SMALL-8	44.2	20	3.5	88.3	0.88

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

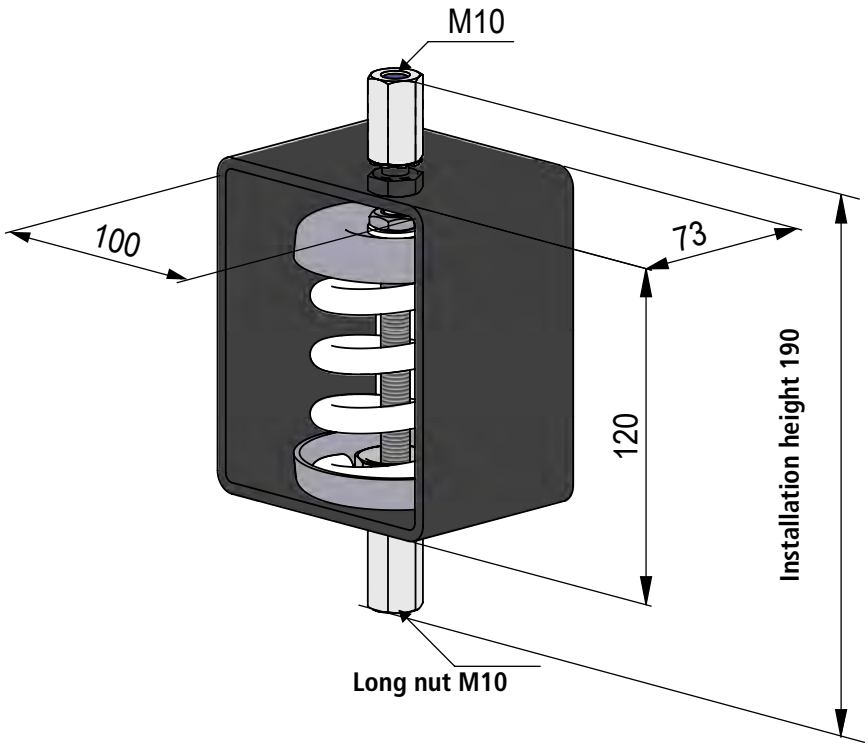
ISOROHR®-BIG

Areas of application

The **ISOROHR®-BIG system** is used for high tensile loads. They are used to suspend heavy metal constructions from ceilings. The **ISOROHR®-BIG system** is used to attach large fans, blowers, air conditioners and large, heavy pipes to ceilings or metal structures. With their low-frequency tuning ≥ 3.2 Hz, they prevent the transmission of vibrations and structure-borne noise.

Specifications

Type	ISOROHR®-BIG
Corrosion protection	Spring galvanised, tube powder coated
Scope of application	Inside and outside
Preload	On request
Damping	On request with additional damping
Norm	Design according DIN EN 13906-1



Product	Spring constant	Permissible deflection (1)	Natural frequency (2)	Permissible load (1)	
	N/mm	mm	Hz	daN	kN
ISOROHR®-BIG-1	7.8	25	3.2	19.6	0.20
ISOROHR®-BIG-2	13.0	25	3.2	32.4	0.32
ISOROHR®-BIG-3	20.4	25	3.2	51.0	0.51
ISOROHR®-BIG-4	32.2	25	3.2	80.4	0.80
ISOROHR®-BIG-5	48.2	25	3.2	120.6	1.21
ISOROHR®-BIG-6	76.5	25	3.2	191.3	1.91
ISOROHR®-BIG-7	121.6	25	3.2	304.1	3.04

(1) With high dynamic loads, the static deflection must be reduced
(2) Natural frequency with permissible deflection due to weight force

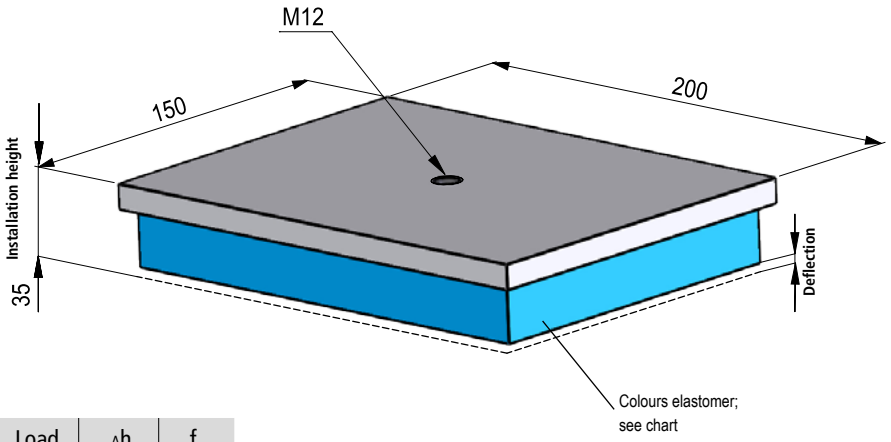
ISOSAWI-25

Areas of application

The **ISOSAWI-25** is mainly used for the support of punching, pressing and embossing machines, as well as for refrigerating machines and for combined heat and power units (CHP). Due to their design, they provide optimum load distribution for narrow frame constructions or small machine supports. They are characterised by natural frequencies/resonances from 11 Hz and by an optimal interaction of isolation and damping.

Specifications

Type	ISOSAWI
Corrosion protection	Hot-dip galvanised steel plate
Scope of application	Inside (ISOSAWI-P...) / outside (ISOSAWI-PN...)
Color Elastomer	see colour spectrum in tables below



Type for indoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-P11-25	35	25	0.25	2.0	13
ISOSAWI-P16-25	35	41	0.41	2.0	15
ISOSAWI-P26-25	35	65	0.65	2.5	14
ISOSAWI-P40-25	35	103	1.03	2.0	14
ISOSAWI-P55-25	35	140	1.40	2.0	14
ISOSAWI-P65-25	35	163	1.63	2.0	14
ISOSAWI-P110-25	35	265	2.65	2.0	14
ISOSAWI-P170-25	35	389	3.89	2.5	13
ISOSAWI-P260-25	35	606	6.06	2.5	13
ISOSAWI-P400-25	35	934	9.34	3.0	12
ISOSAWI-P650-25	35	1'660	16.60	3.0	13
ISOSAWI-P950-25	35	2'299	22.99	3.0	15
ISOSAWI-P1500-25	35	2'980	29.80	3.0	16
ISOSAWI-P2000-25	35	4'541	45.41	3.0	17

Type for outdoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-PN50-25	35	125	1.25	2.5	12
ISOSAWI-PN75-25	35	187	1.87	2.5	12
ISOSAWI-PN150-25	35	360	3.60	2.5	11
ISOSAWI-PN350-25	35	805	8.05	3.0	11
ISOSAWI-PN750-25	35	1'661	16.61	3.5	11
ISOSAWI-PN1500-25	35	3'336	33.36	4.0	11
ISOSAWI-PN3000-25	35	6'520	65.20	3.5	12
ISOSAWI-PN6000-25	35	11'340	113.40	3.5	14

(1) With permissible superimposed load (2) Natural frequency with permissible superimposed load (weight force)

Accessories and supplements (Page 24)

Base plate with anchoring holes

Anti-slip mat ISOPREN-E2 2.2 mm

Thread adapter

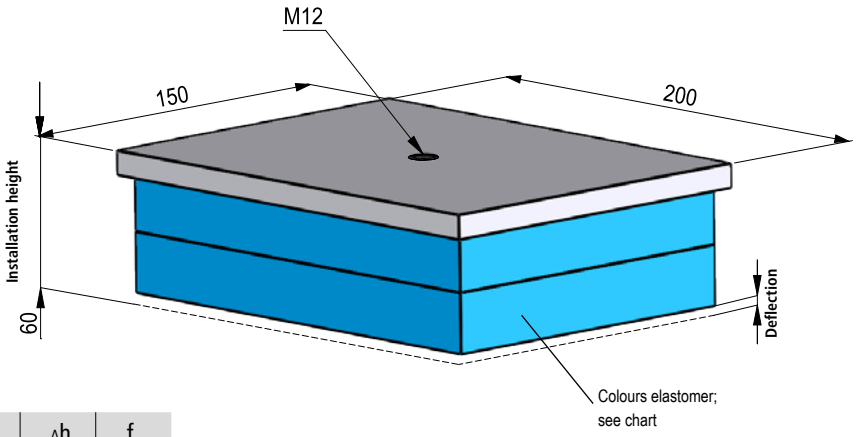
ISOSAWI-50

Areas of application

The **ISOSAWI-50** is mainly used for the support of punching, pressing and embossing machines, as well as for refrigerating machines and for combined heat and power units (CHP). Due to their design, they provide optimum load distribution for narrow frame constructions or small machine supports. They are characterised by natural frequencies/resonances from 8 Hz and by an optimal interaction of isolation and damping.

Specifications

Type	ISOSAWI
Corrosion protection	Hot-dip galvanised steel plate
Scope of application	Inside (ISOSAWI-P...) / outside (ISOSAWI-PN...)
Color Elastomer	see colour spectrum in tables below



Type for indoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-P11-50	60	25	0.25	4.0	9
ISOSAWI-P16-50	60	41	0.41	4.0	11
ISOSAWI-P26-50	60	57	0.57	4.0	11
ISOSAWI-P40-50	60	102	1.02	4.0	10
ISOSAWI-P55-50	60	133	1.33	4.0	10
ISOSAWI-P65-50	60	150	1.50	4.0	10
ISOSAWI-P110-50	60	238	2.38	4.0	10
ISOSAWI-P170-50	60	325	3.25	4.5	10
ISOSAWI-P260-50	60	512	5.12	5.0	10
ISOSAWI-P400-50	60	794	7.94	6.0	9
ISOSAWI-P650-50	60	1'275	12.75	6.0	9
ISOSAWI-P950-50	60	1'993	19.93	6.0	11
ISOSAWI-P1500-50	60	2'320	23.20	6.0	12
ISOSAWI-P2000-50	60	3'697	36.97	6.0	12

Type for outdoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-PN50-50	60	116	1.16	5.0	9
ISOSAWI-PN75-50	60	174	1.74	5.0	9
ISOSAWI-PN150-50	60	328	3.28	5.0	8
ISOSAWI-PN350-50	60	716	7.16	6.0	8
ISOSAWI-PN750-50	60	1'496	14.96	7.0	8
ISOSAWI-PN1500-50	60	2'727	27.27	8.0	8
ISOSAWI-PN3000-50	60	5'028	50.28	6.0	9
ISOSAWI-PN6000-50	60	6'930	69.30	6.0	11

(1) With permissible superimposed load (2) Natural frequency with permissible superimposed load (weight force)

Accessories and supplements (Page 24)

Base plate with anchoring holes

Anti-slip mat ISOPREN-E2 2.2 mm

Thread adapter

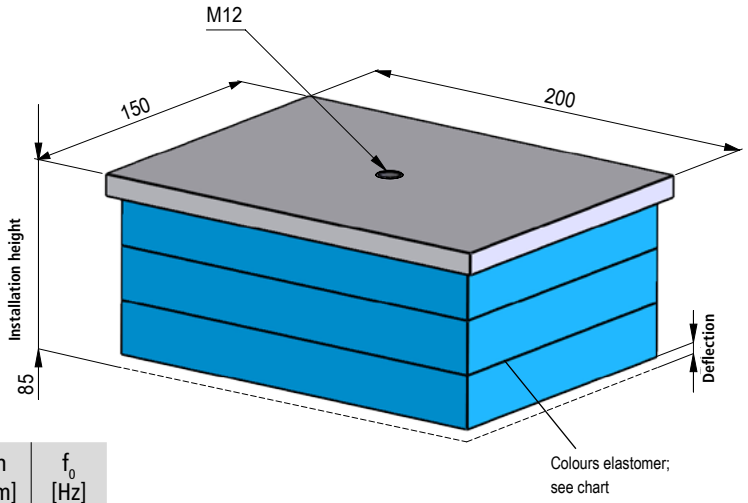
ISOSAWI-75

Areas of application

The **ISOSAWI-75** is mainly used for the support of punching, pressing and embossing machines, as well as for refrigerating machines and for combined heat and power units (CHP). Due to their design, they provide optimum load distribution for narrow frame constructions or small machine supports. They are characterised by natural frequencies/resonances from 7 Hz and by an optimal interaction of isolation and damping.

Specifications

Type	ISOSAWI
Corrosion protection	Hot-dip galvanised steel plate
Scope of application	Inside (ISOSAWI-P...) / outside (ISOSAWI-PN...)
Color Elastomer	see colour spectrum in tables below



Type for indoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-P11-75	85	25	0.25	6.0	7
ISOSAWI-P16-75	85	38	0.38	6.0	9
ISOSAWI-P26-75	85	54	0.54	6.0	9
ISOSAWI-P40-75	85	99	0.99	6.0	8
ISOSAWI-P55-75	85	128	1.28	6.0	8
ISOSAWI-P65-75	85	142	1.42	6.0	8
ISOSAWI-P110-75	85	224	2.24	6.0	8
ISOSAWI-P170-75	85	296	2.96	6.0	8
ISOSAWI-P260-75	85	469	4.69	7.0	8
ISOSAWI-P400-75	85	732	7.32	9.0	8
ISOSAWI-P650-75	85	1'161	11.61	9.0	8
ISOSAWI-P950-75	85	1'836	18.36	9.0	9
ISOSAWI-P1500-75	85	1'980	19.80	9.0	9
ISOSAWI-P2000-75	85	3'210	32.10	9.0	9

Type for outdoor use	Installation height [mm]	Load daN	Load kN	Δh [mm] (1)	f_0 [Hz] (2)
ISOSAWI-PN50-75	85	112	1.12	8.0	8
ISOSAWI-PN75-75	85	168	1.68	8.0	8
ISOSAWI-PN150-75	85	320	3.20	8.0	7
ISOSAWI-PN350-75	85	692	6.92	9.0	7
ISOSAWI-PN750-75	85	1'469	14.69	10.0	7
ISOSAWI-PN1500-75	85	2'552	25.52	12.0	7
ISOSAWI-PN3000-75	85	4'361	43.61	8.0	8
ISOSAWI-PN6000-75	85	5'355	53.55	8.0	10

(1) With permissible superimposed load (2) Natural frequency with permissible superimposed load (weight force)

Accessories and supplements (Page 24)

Base plate with anchoring holes

Anti-slip mat ISOPREN-E2 2.2 mm

Thread adapter

Head- and base plates for ISOFED®-SMALL

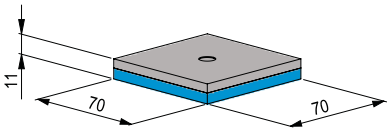
Specifications	
Corrosion protection	Stainless steel A2
Insulation material	Elastomer EPDM

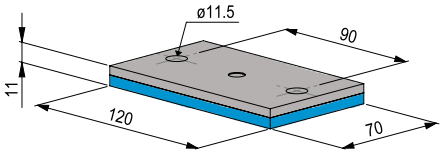
all dimensions in mm

HEADPLATES

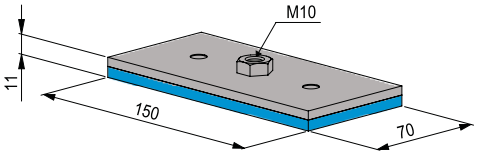
BASE PLATES

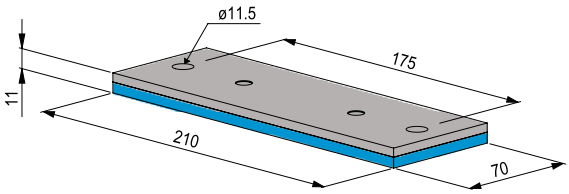
ISOFED®-SMALL-ONE



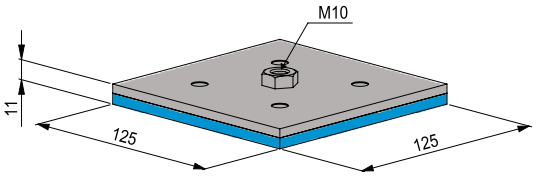


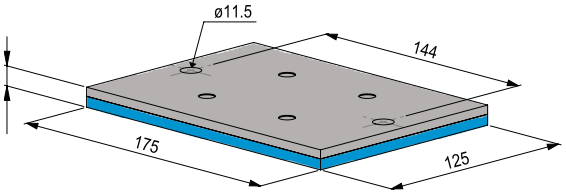
ISOFED®-SMALL-TWO



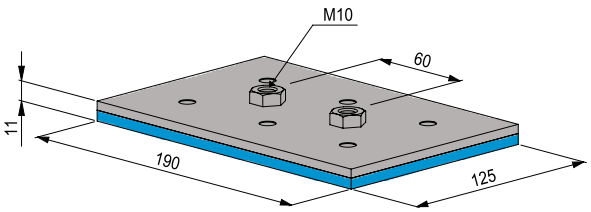


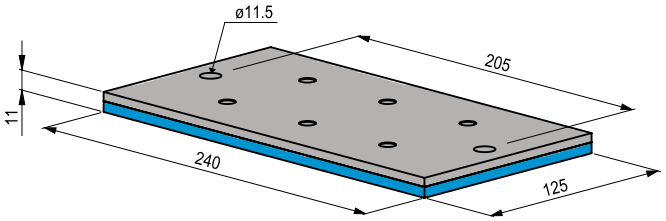
ISOFED®-SMALL-FOUR



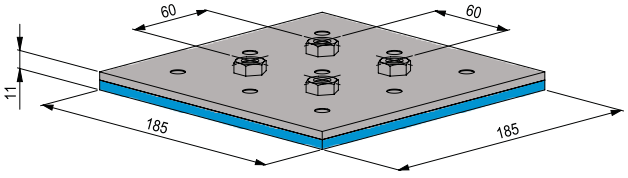


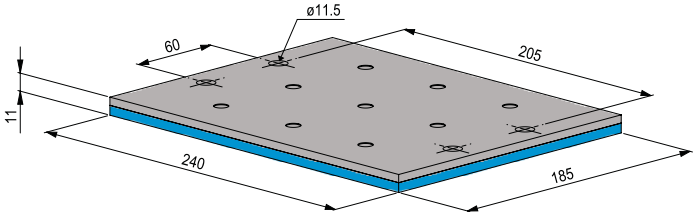
ISOFED®-SMALL-SIX





ISOFED®-SMALL-NINE





Head- and base plates for ISOFED®-BIG

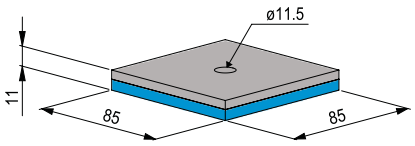
Specifications	
Corrosion protection	Stainless steel A2
Insulation material	Elastomer EPDM

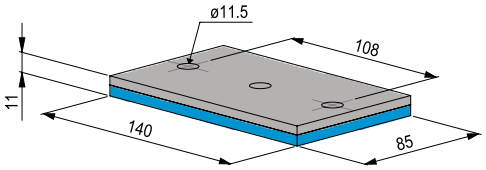
all dimensions in mm

HEADPLATES

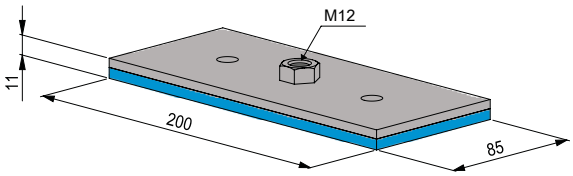
BASE PLATES

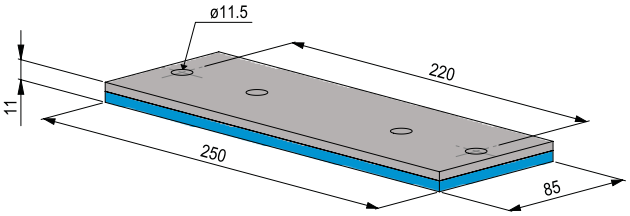
ISOFED®-BIG-ONE



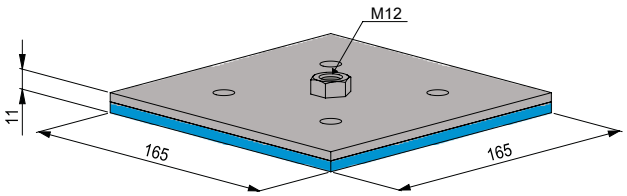


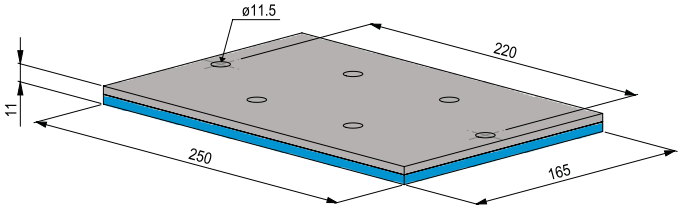
ISOFED®-BIG-TWO



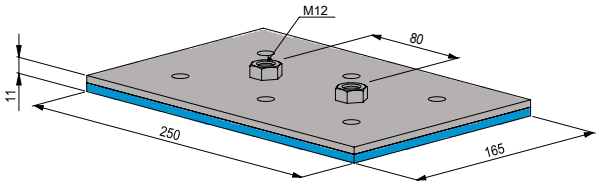


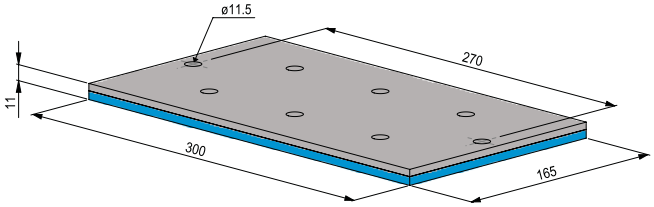
ISOFED®-BIG-FOUR



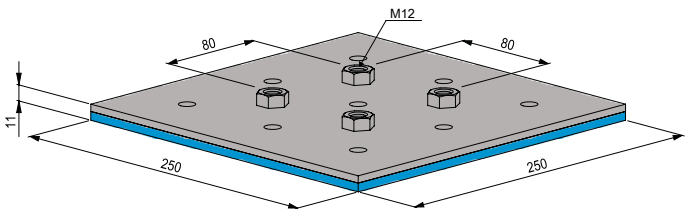


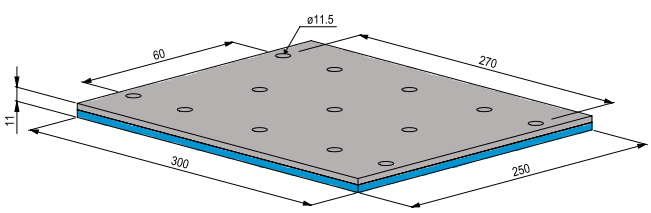
ISOFED®-BIG-SIX





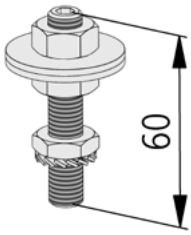
ISOFED®-BIG-NINE





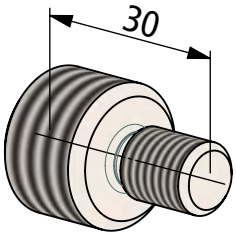
Accessories and supplements for ISOFED®

Height adjustment stainless steel A2 – M8 / M10 / M12



ADAPTER GALVANISED BLUE

M8/M10	galvanised blue
M8/M12	galvanised blue
M8/M20	galvanised blue
M10/M12	galvanised blue
M10/M16	galvanised blue
M10/M20	galvanised blue

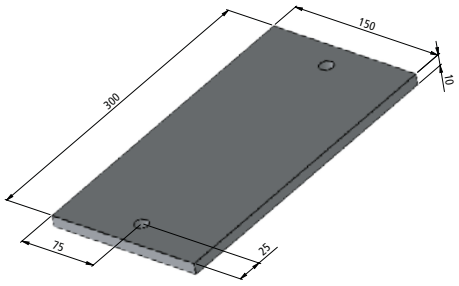


ADAPTER STAINLESS A2

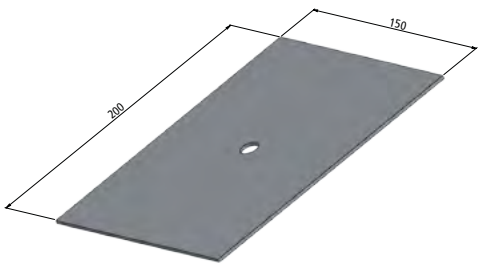
M8/M10	stainless A2
M8/M12	stainless A2
M8/M20	stainless A2
M10/M12	stainless A2
M10/M16	stainless A2
M10/M20	stainless A2

ISOSAWI

Base plate	hot-dip galvanised
Anti-slip mat	ISOPREN-E2, 2.2 mm



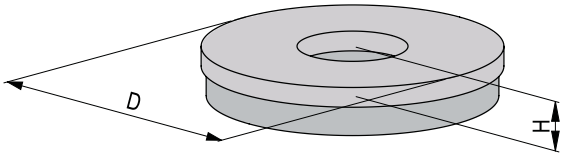
Base plate with anchoring holes



Anti-slip mat ISOPREN-E2, 2.2 mm

ISOROND-L-08 (M8)

Suitable for base plate ISOFED-SMALL® and ISOFED-BIG®	D = 24 d = 8.4 s = 2 mm H = 5 mm

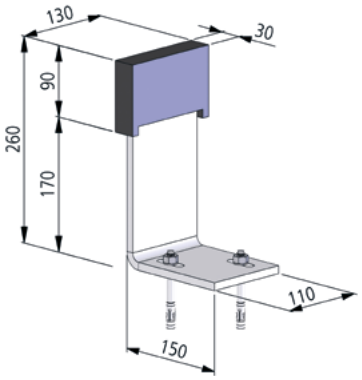


Horizontal securing angle for ISOFED®

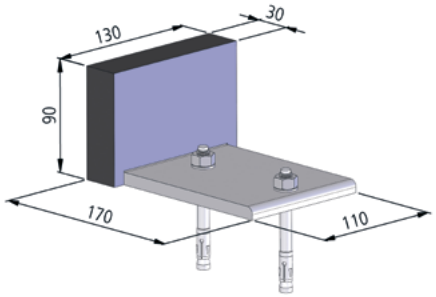
Areas of application

The horizontal securing bracket is used for the structure-borne sound-insulating, horizontal securing of machines, devices and apparatus (electrical assemblies, measuring devices, air-conditioning units, pumps, compressors, etc.) or their foundations.

ISOHOSI	
Material	Steel
Surface treatment	Hot-dip galvanised 85µm
Mounting	Bolt anchor 2x FAZ || 10/10
Elastomer sheath	Thickness 10 mm
Load-bearing resistance	H_{RD} = 2.0 kN
Scope of application	Inside and outside
Option	The vertical leg of the angle can be shortened



ISOTRESI	
Material	Steel
Surface treatment	Hot-dip galvanised 85µm
Mounting	Bolt anchor 2x FAZ || 10/10
Elastomer sheath	Thickness 10 mm
Load-bearing resistance	V_{RD} = 16.0 kN
Scope of application	Inside and outside



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HBT-ISOL's innovative soundproofing solutions protect buildings, building users and occupants from internal and external sound and vibration.

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- Effective insulation of structure-borne sound in mixed uses, such as residential-shopping, offices-commercial, gymnastics above classrooms, etc.
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- Vibration and oscillation insulation for building services installations
- Crack reduction and sound insulation between walls and ceilings
- Structure-borne sound insulating fixings and fuses of all types
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passion for silence

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