

Pánty pre ťažké bremená M237.3 z nehrdzavejúcej ocele

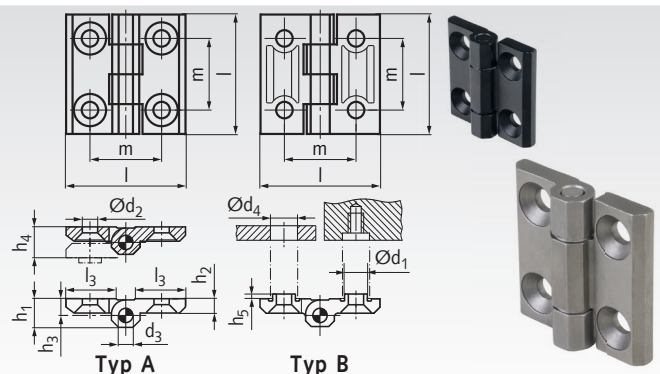
Materiál: Stainless Steel 1.4405 martensite (C1),
matt blasted or
plastic coated black RAL 9005,
textured finish.
Pin: Stainless Steel 1.4112.

Non-detachable hinges with increased strength.
The swivelling range is 180°.

Typ A: with bores for countersunk screws DIN 7991.

Typ B: with bores for countersunk screws DIN 7991
and centering guides.

Informácie potrebné na objednanie: napr.: Produkt č. 67700521, Pánt M237.3,
otryskaná, Typ 1A, 63mm



Produkt č. otryskaná	Produkt č. čierna	Typ	l mm	d ₁ mm	d ₂ mm	d ₃ mm	d ₄ ^{+0,5 3)} mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	h ₅ mm	l ₃ mm	m mm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 01	677 005 11	A	50	-	6,3	6	-	12,5	6	6,5	13	-	21	30	3000	3000	115
677 005 02	677 005 12	A	60	-	8,3	8	-	16	8	8,5	17	-	25,5	36	6000	6000	215
677 005 03	677 005 13	A	80	-	10,3	10	-	20	10	10,5	21	-	36	50	8000	8000	487
677 005 04	677 005 14	B	50	9,5	6,3	6	10	12,5	6	6,5	13	2	21	30	5000	5000	116
677 005 05	677 005 15	B	60	12,5	8,3	8	13	16	8	8,5	17	3	25,5	36	10000	8000	220
677 005 06	677 005 16	B	80	14,5	10,3	10	15	20	10	10,5	21	4	36	50	13000	10000	495

Pánty pre ťažké bremená M237.3L z nehrdzavejúcej ocele so predĺženými krídlami

Materiál: Stainless Steel 1.4405 martensite (C1),
matt blasted or
plastic coated black RAL 9005,
textured finish.
Pin: Stainless Steel 1.4112.

This non-detachable hinges with increased strength are
extended on one side or two sides. With countersunk holes
for screws DIN 7991. The swivelling range is 180°.

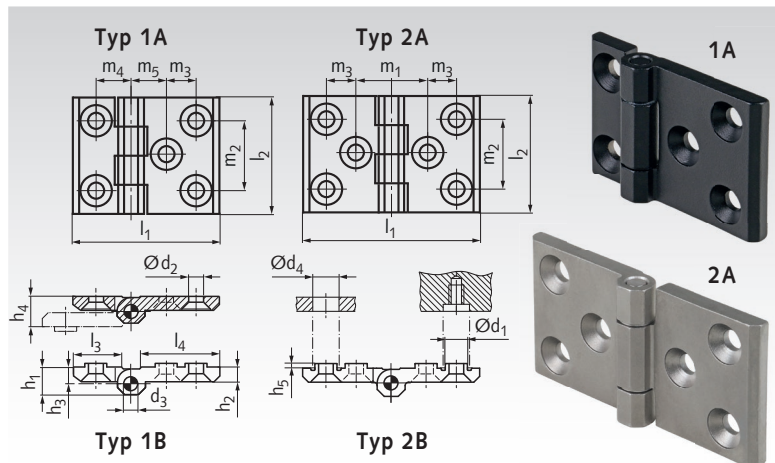
Typ 1A: extended on one side, with sunkholes.

Typ 1B: extended on one side, with sunkholes
and centering guides.

Typ 2A: extended on both sides, with sunkholes.

Typ 2B: extended on both sides, with sunkholes
and centering guides.

Informácie potrebné na objednanie: napr.: Produkt č. 67700521,
Hinge M237.3L, otryskaná, Typ 1A, 63mm



Produkt č. otryskaná	Typ	l ₁ mm	l ₂ mm	d ₁ mm	d ₂ mm	d ₃ mm	d ₄ ^{+0,5 3)} mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	h ₅ mm	l ₃ mm	l ₄ mm	m ₁ mm	m ₂ mm	m ₃ mm	m ₄ mm	m ₅ mm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 21	1A	63	50	-	6,3	6	-	12,5	6	6,5	13	2	21	34	-	30	13	15	15	3000	5000	140
677 005 22	1A	90	60	-	8,3	8	-	16	8	8,5	17	3	25,5	56	-	36	22,5	18	22,5	4000	5000	316
677 005 23	1A	120	80	-	10,3	10	-	20	10	10,5	21	4	36	75	-	50	30	25	30	6000	8000	701
677 005 24	2A	76	50	-	6,3	6	-	12,5	6	6,5	13	2	34	34	30	30	13	-	-	13000	10000	166
677 005 25	2A	120	60	-	8,3	8	-	16	8	8,5	17	3	56	56	45	36	22,5	-	-	8000	10000	410
677 005 26	2A	160	80	-	10,3	10	-	20	10	10,5	21	4	75	75	60	50	30	-	-	10000	10000	910
677 005 27	1B	63	50	9,5	6,3	6	10	12,5	6	6,5	13	2	21	34	-	30	13	15	15	5000	7000	143
677 005 28	1B	90	60	12,5	8,3	8	13	16	8	8,5	17	3	25,5	56	-	36	22,5	18	22,5	7000	7000	320
677 005 29	1B	120	80	14,5	10,3	10	15	20	10	10,5	21	4	36	75	-	50	30	25	30	10000	10000	712
677 005 30	2B	76	50	9,5	6,3	6	10	12,5	6	6,5	13	2	34	34	30	30	13	-	-	13000	10000	169
677 005 31	2B	120	60	12,5	8,3	8	13	16	8	8,5	17	3	56	56	45	36	22,5	-	-	13000	13000	423
677 005 32	2B	160	80	14,5	10,3	10	15	20	10	10,5	21	4	75	75	60	50	30	-	-	15000	13000	910

Produkt č. čierna	Typ	l ₁ mm	l ₂ mm	d ₁ mm	d ₂ mm	d ₃ mm	d ₄ ^{+0,5 3)} mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	h ₅ mm	l ₃ mm	l ₄ mm	m ₁ mm	m ₂ mm	m ₃ mm	m ₄ mm	m ₅ mm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 41	1A	63	50	-	6,3	6	-	12,5	6	6,5	13	2	21	34	-	30	13	15	15	3000	5000	140
677 005 42	1A	90	60	-	8,3	8	-	16	8	8,5	17	3	25,5	56	-	36	22,5	18	22,5	4000	5000	316
677 005 43	1A	120	80	-	10,3	10	-	20	10	10,5	21	4	36	75	-	50	30	25	30	6000	8000	701
677 005 44	2A	76	50	-	6,3	6	-	12,5	6	6,5	13	2	34	34	30	30	13	-	-	13000	10000	166
677 005 45	2A	120	60	-	8,3	8	-	16	8	8,5	17	3	56	56	45	36	22,5	-	-	8000	10000	410
677 005 46	2A	160	80	-	10,3	10	-	20	10	10,5	21	4	75	75	60	50	30	-	-	10000	10000	910
677 005 47	1B	63	50	9,5	6,3	6	10	12,5	6	6,5	13	2	21	34	-	30	13	15	15	5000	7000	143
677 005 48	1B	90	60	12,5	8,3	8	13	16	8	8,5	17	3	25,5	56	-	36	22,5	18	22,5	7000	7000	320
677 005 49	1B	120	80	14,5	10,3	10	15	20	10	10,5	21	4	36	75	-	50	30	25	30	10000	10000	712
677 005 50	2B	76	50	9,5	6,3	6	10	12,5	6	6,5	13	2	34	34	30	30	13	-	-	13000	10000	169
677 005 51	2B	120	60	12,5	8,3	8	13	16	8	8,5	17	3	56	56	45	36	22,5	-	-	13000	13000	423
677 005 52	2B	160	80	14,5	10,3	10	15	20	10	10,5	21	4	75	75	60	50	30	-	-	15000	13000	910

¹⁾ Max. axial sila. ²⁾ Max. radial sila pri otvorení o 90°. Toto sú orientačné hodnoty, bez garancie.

³⁾ Odporúčany priemer záznamu strediaceho vodidla.

Dištančné dosky M2370, nerezová oceľ, pre pánty

Materiál: Stainless Steel 1.4301 (AISI304),
matte, tumbled finish.



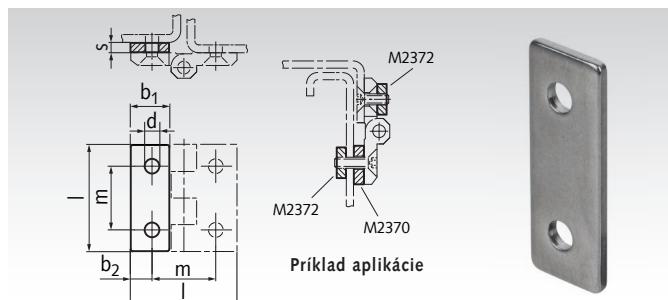
The spacer plates are designed as accessories for several hinge families in terms of their dimensions so that they guarantee the desired position and height adjustment when mounted individually or in combination.

Informácie potrebné na objednanie: napr.: Produkt č. 67704001,
Dištančná doska M2370, 40 x 1mm

Produkt č.	l mm	b ₁ mm	b ₂ mm	d mm	m mm	s mm	Hmot. g
677 040 01	40 ¹⁾	14,5	7,5	5	25	1	4,1
677 040 02	40 ¹⁾	14,5	7,5	5	25	1,5	6,2
677 040 03	40 ¹⁾	14,5	7,5	5	25	3	12,4
677 040 05	40 ¹⁾	14,5	7,5	5	25	5	20,1
677 050 01	50 ²⁾	18	10	6	30	1	6,5
677 050 02	50 ²⁾	18	10	6	30	1,5	10,0
677 050 03	50 ²⁾	18	10	6	30	3	20,0
677 050 05	50 ²⁾	18	10	6	30	5	30,8
677 060 01	60	21,5	12,5	8	36	1	9,0
677 060 02	60	21,5	12,5	8	36	1,5	13,7
677 060 03	60	21,5	12,5	8	36	3	27,4
677 060 05	60	21,5	12,5	8	36	5	43,6

¹⁾ Nevhodné pre pánty M237.3 (typ A) a M437.1 až M437.4.

²⁾ Nevhodné pre pánty M437.1 až M437.4.



Poznámka

Tolerances of chamfers, different sheet metal thicknesses, or the use of seals could mean that the mounting surfaces of hinges on frames and doors are not aligned with each other as they should be. The spacer plates can be used to equalise the difference.

Dištančné dosky so závitovými otvormi M2372, nerezová oceľ, pre pánty

Materiál: Stainless Steel 1.4301 (AISI304),
matte, tumbled finish.



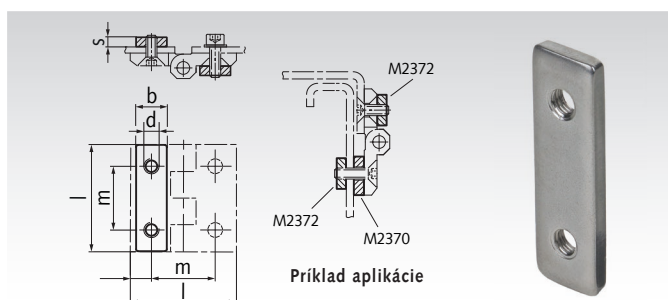
The spacer plates with tapped holes are designed as accessories for several hinge variations, eliminating the need for additional threads, nuts, and washers for mounting.

Informácie potrebné na objednanie: napr.: Produkt č. 67707203,
Závitová doska M2372, 40mm

Produkt č.	l mm	b mm	d mm	m mm	s mm	Hmot. g
677 072 03	40 ¹⁾	12	M5	25	3	10
677 072 04	50 ²⁾	15	M6	30	4	20
677 072 05	60	18	M8	36	4	29,4

¹⁾ Nevhodné pre pánty M237.3 (typ A) a M437.1 až M437.4.

²⁾ Nevhodné pre pánty M437.1 až M437.4.



Poznámka

There is no need for the time-consuming preassembly of the above components or for counterholding during tightening or loosening. Mounted to the top side of the hinge, the plate offers entirely new design options.

Limitné zarážky M2374, oceľový investičný odlieatok, pre závesy M237, M237.1 a M337

Materiál: Steel Investment Casting, zinc-plated,
plastic coated black, RAL 9005, matt texture finish.
Elastomer element: NBR Hardness 85 ±5 Shore A.

The limit stoppers can be screwed on when mounting a hinge and limit the angle of rotation to the value w by means of an elastomer element. They are used preferably for lighter covers or when no dynamic load of the stop is to be expected.

Temperature resistant up to +120°C.

Informácie potrebné na objednanie: napr.: Produkt č. 67707403,
limitné zarážky M2374, 40mm

Produkt č.	l mm	b mm	d mm	h mm	m mm	s mm	w stupne	Hmot. g
677 074 03	40	12	5,3	7,8	25	3,5	150	10
677 074 04	50	15	6,3	9,2	30	4	150	12
677 074 05	60	18	8,3	10,9	36	5	150	21

