

Pánty M437, z nehrdzavejúcej ocele, s nastaviteľným trením

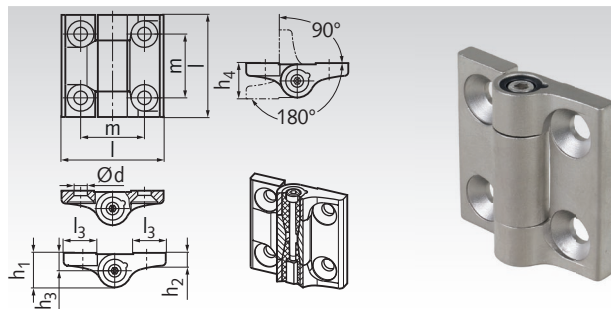
Materiál: Nerezová oceľ 1.4408 (AISI316),
matne otryskaná. Trecí kužel: Polyacetal POM.
Nastaviteľná skrutka / púzdro: Nerezová oceľ.



Obratnosť týchto nerozoberateľných pántov môže byť nastavená skrutkami. Dva kužele s veľkou trecou plochou umožňujú nastavenie momentu. Tento pánt je bez osovej vôle a ponúka dlhú životnosť s konštantnou tuhosťou.

Diery pre zapustené hlavy skrutiek DIN 7991.
Teplotná škála do +80 °C.

Príslušenstvo: Dištančné dosky M2370 nájdete na strane K44_N97.



Informácie potrebné na objednanie: napr.: Produkt č. 67700471, Pánt M437, nerezová, 40mm

Produkt č. nerezová	l mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	l ₃ mm	m mm	sw mm	max. uťahov. moment Nm	trecí moment Nm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 004 71	40	5,3	13,5	5	7	14	13	25	2,5	0,5	3	1200	1500	60
677 004 72	50	6,5	15,5	6	8	16	16,5	30	3	0,75	4	1600	2000	113
677 004 73	60	8,3	18,5	7,5	9,5	19	20	36	4	1,5	6	2000	2400	188

Pánty M437.1, Zinkové tlakové liatie

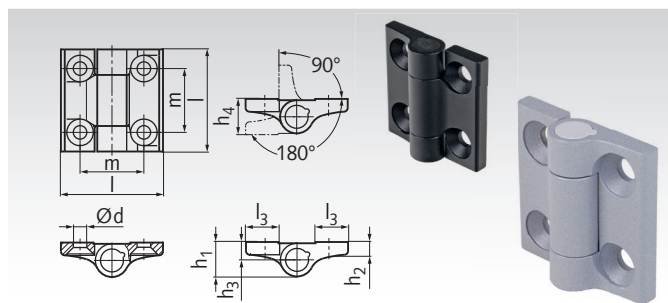
Materiál: Zinc die cast, plastic coated, matt texture finish,
on choice black RAL 9005 or silver RAL 9006.
Guide sleeve: Polyacetal (POM).
Cover cap: Polyacetal (POM).

Non-detachable hinges. The swivel range depends on the pivoting direction; 180° or 90°. They are designed as complementary hinges for the M437 hinge series.

Diery pre zapustené hlavy skrutiek DIN 7991.
Teplotná škála do +80 °C.

Accessories: Spacer plates M2370 and plates with tapped holes M2372 can be found on page K44_N97.

Informácie potrebné na objednanie: napr.: Produkt č. 67700561, Pánt M437.1, čierna, 60mm



Produkt č. čierna	Produkt č. strieborná	l mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	l ₃ mm	m mm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 61	677 005 62	60	8,3	18,5	7,5	9,5	19	20	36	2000	2300	140

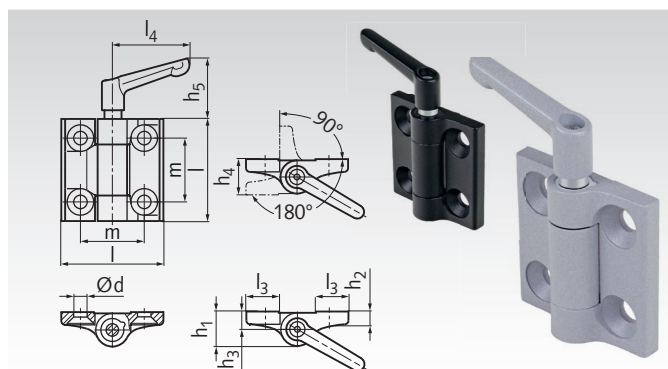
Pánty M437.2, Zinkové tlakové liatie, uzamykatelné, zacvaknutie stlačením

Materiál: Zinc die cast, plastic coated, matt texture finish,
on choice black RAL 9005 or silver RAL 9006.
Guide sleeve: Polyacetal (POM).
Adjustable Clamping Lever: Threaded stud and
retaining screw steel zinc-plated, blue passivated finish.

For holding doors and covers at any angle position. When not actuated, the adjustable clamping lever is not connected to the thread of the hinge pin and can therefore be turned freely. Only when the handle is pressed down does the lever hub engage in the serration and the hinge can be fixed or clamped. This largely prevents unintentional release of the hold-open device. The swivelling range is 180° or 90°, depending on the direction of swivelling. They are designed as complementary hinges for the M437 hinge series.

Diery pre zapustené hlavy skrutiek DIN 7991.
Teplotná škála do +80 °C.

Accessories: Spacer plates M2370 and plates with tapped holes M2372 can be found on page K44_N97.



Informácie potrebné na objednanie: napr.: Produkt č. 67700566, Pánt M437.2, čierna, 60mm

Produkt č. čierna	Produkt č. strieborná	l mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	h ₅ mm	l ₃ mm	l ₄ mm	m mm	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 66	677 005 67	60	8,3	18,5	7,5	9,5	19	35	20	45	36	2000	2800	141

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

Pánty M437.3, Zinkové tlakové liatie, s vratnou pružinou

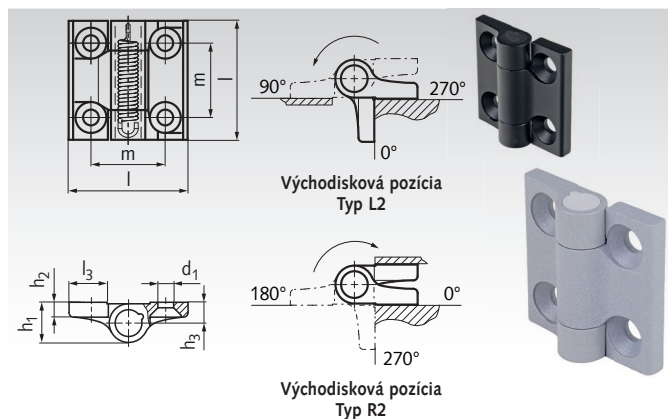
Materiál: Zinc die cast, plastic coated, matt texture finish, on choice black RAL 9005 or silver RAL 9006.
Spring guide/Cover cap: Polyacetal (POM).
Torsion spring: Spring Steel.

The torsion spring allows doors to open and close automatically.
The resetting torque varies depending on the opening angle of the hinge. The pivoting range is 270° or 90°.

With bores for countersunk screws DIN 7991.
Temperature resistant up to +80 °C.

Typ L2: Spring-loaded return, closing, medium spring force.
Typ R2: Spring-loaded return, opening, medium spring force.

Accessories: Spacer plates M2370 and plates with tapped holes M2372 can be found on page K44_N97.



Informácie potrebné na objednanie: napr.: Produkt č. 67700571, Pánt M437.3, čierna, Typ L2, 60mm

Produkt č. čierna	Produkt č. strieborná	Typ	l mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	l ₃ mm	m mm	Resetovací moment* Nm ±10%	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 71	677 005 81	L2	60	8,3	18,5	7,5	9,5	20	36	0,25 0,5 0,75 1	1700	2000	150
677 005 72	677 005 82	R2	60	8,3	18,5	7,5	9,5	20	36	0,25 0,5 0,75 1	1700	2000	150

* Resetovací moment závisí od uhla otvorenia.

Pánty M437.4, Zinkové tlakové liatie, s detenčnými polohami

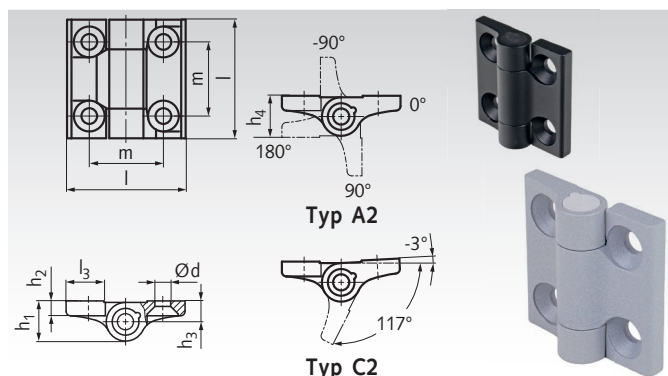
Materiál: Zinc die cast, plastic coated, matt texture finish, on choice black RAL 9005 or silver RAL 9006.
Indexing elements/Cover cap: Polyacetal (POM).
Pin: Stainless Steel 1.4305 (AISI303).
Compression spring: Spring Steel.

The mechanism holds doors and covers in the specified indexed positions without additional mechanical devices, thus preventing unwanted, spontaneous closing or opening.

With bores for countersunk screws DIN 7991.
Temperature resistant up to +80 °C.

Typ A2: Indexing positions, -90°, 0°, 90° and 180°, medium holding torque.
Typ C2: Indexing positions, -3° and 117°, medium holding torque.

Accessories: Spacer plates M2370 and plates with tapped holes M2372 can be found on page K44_N97.



Informácie potrebné na objednanie: napr.: Produkt č. 67700576, Pánt M437.4, čierna, Typ A2, 60mm

Produkt č. čierna	Produkt č. strieborná	Typ	l mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	l ₃ mm	m mm	Maximálny držiaci moment Nm ±10%	F _A ¹⁾ N	F _R ²⁾ N	Hmot. g
677 005 76	677 005 86	A2	60	8,3	18,5	7,5	9,5	19	20	36	1	1700	2300	155
677 005 77	677 005 87	C2	60	8,3	18,5	7,5	9,5	19	20	36	1	1700	2300	155

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

Dištančné dosky M2370, nerezová oceľ, pre pánty

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



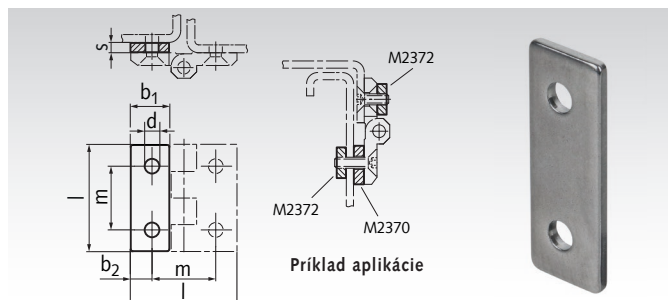
The spacer plates are designed as accessories for several hinge families in terms of their dimensions so that they guarantee the desired position and height adjustment when mounted individually or in combination.

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.



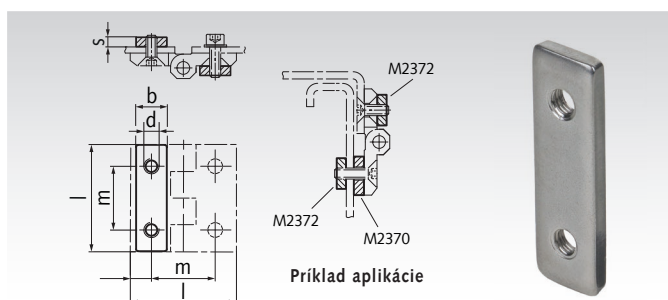
The spacer plates with tapped holes are designed as accessories for several hinge variations, eliminating the need for additional threads, nuts, and washers for mounting.

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 odlatok, 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

