catalogue

PRODUCTION OF MOULDED RUBBER GOODS
PRESSMOULDS
METAL PRODUCTION

PRODUCTION OF MOULDED RUBBER GOODS PRESSMOULDS METAL PRODUCTI

FORNAX spol. s r.o.

FORNAX spol. s r.o.

Fornax, spol. s r.o.
production of moulded rubber goods

is the top processor of batch and mid-range production to order. Our main advantage is a quick completion of orders. The production of moulded goods includes classical pressing of rubber, manual bandage of cylinders, fittings, vessels, belts and atypical wheels.
Rubber factory has its own workshoop - metal production, pressings and a subsidisary enterprise of mechanical and locksmith's products.
This catalogue presents only minimal specifikation out of many products exceeding 10.000 kinds.
When requesting some products, it is necessary to take into account the spacifikation dimensions. The demand must contain either drawing or the sample of required part.

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RUBBER SPRINGS - SILENTBLOCKS

CONICAL SPRINGS

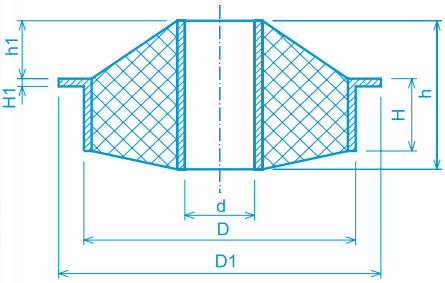
catalogue identification: **1001**

Charakteristics:

- little stiffness in all diretions

Use:

- elastic bearing of devices with low frequency



Specification dimension						
D	D1	d	H	H1	h	h1

COMBINED SPRINGS

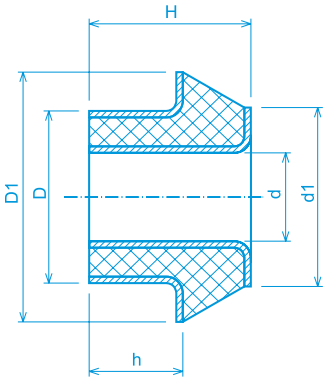
catalogue identification: **1002**

Charakteristics:

- the same stiffness in all diretions

Use:

- elastic bearing of devices with mid-frequency



Specification dimension					
D	D1	d	d1	H	h

RUBBER SPRINGS - SILENTBLOCKS

CYLINDER SPRINGS

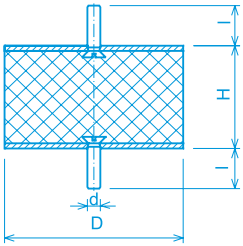
catalogue identification: **1003**

Charakteristics:

- different stiffness in two diretions, lower slip stiffness, higher pressure stiffness

Use:

- common cases of elastic bearing of devices with medium frequency



Specification dimension			
D	d	H	l

PRISM SPRINGS

catalogue identification: **1004**

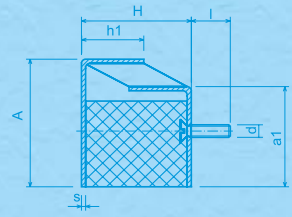
Charakteristics:

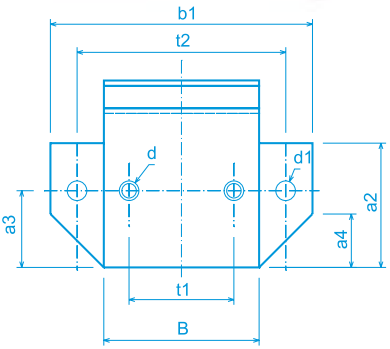
- increasing stiffness in two diretions, reducing stiffness for slip

Use:

- elastic bearing of devices with medium frequency, trapping of lateral force

Specification dimension														
A	a1	a2	a3	a4	B	b1	d	d1	H	h1	l	s	t	t1





RUBBER SPRINGS - SILENTBLOCKS

ANGLE SPRINGS

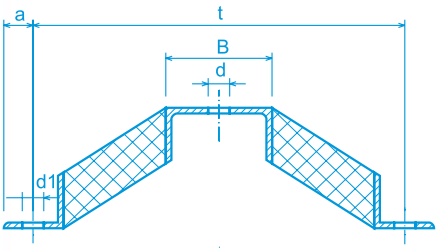
catalogue identification: **1005**

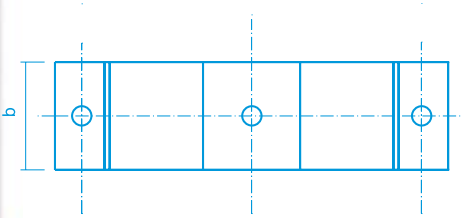
Charakteristics:

- little slip stiffness, increased pressure stiffness

Use:

- elastic bearing of devices with low frequency





Specification dimension				
a	d	d1	B	t

DISK SPRINGS

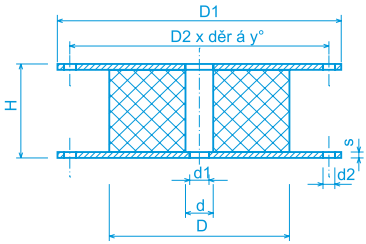
catalogue identification: **1006**

Charakteristics:

- great stiffness in all diretions, stiffness decreases by series connection of springs

Use:

- bearing of heavy machinery and foundations, spring of resonant coal classifier

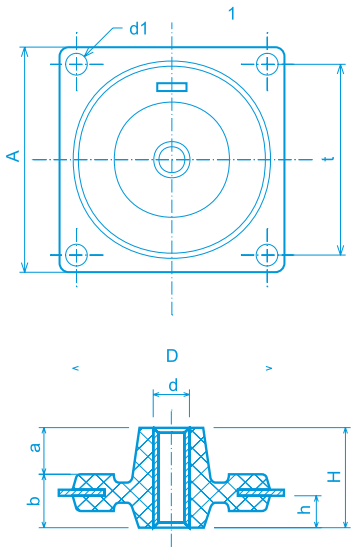


Specification dimension								
D	D1	D2	d	d1	d2	H	s	y

RUBBER SPRINGS - SILENTBLOCKS

PLATE SPRINGS

catalogue identification: **1007**



Charakteristics:

- little stiffness in all diretions

Use:

- elastic bearing of sensitive, responsive devices and machinery

Specification dimension								
A	a	b	D	d	d1	H	h	t

RUBBER CUSHION SPRINGS

catalogue identification: **1008**

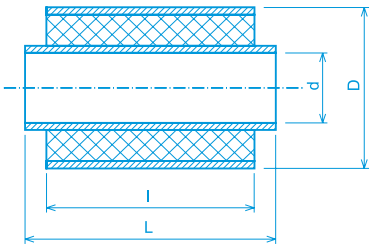
Charakteristics:

- high radial stiffness, little axial and torsional stiffness

Use:

- elastic insert for joints, draw bars, suspensions, laminated springs, clutches …

Specification dimension			
D	d	H	l



RUBBER SPRINGS - SILENTBLOCKS

BUMPER SPRINGS

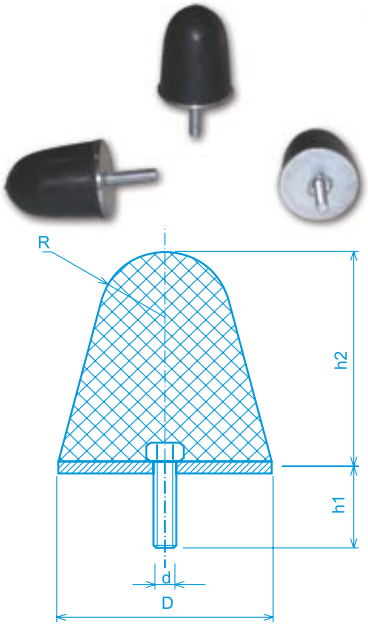
catalogue identification: **1009**

Charakteristics:

- progressive suspenison

Use:

- limited device deflection, elastic bearing of devices with little horizontal forces - bases of devices and machinery



Specification dimension				
D	d	h1	h2	R

SPARE PARTS FOR WASHING MACHINES AND SQUEESING MACHINES

catalogue identification: **2010**

- silentblock little
- silentblock big
- connecting hose - union elbow
- sealing of catch pit

ANTIVIBRATING ELEMENTS

SILENCERS

catalogue identification: **2011**

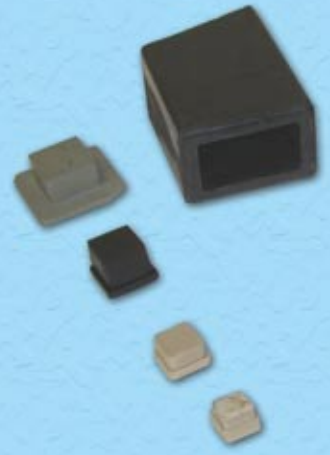
- absorbers of devices and machinery

Specification dimension								
A	a	b	D	d	d1	H	h	t

RUBBER SILENCERS

catalogue identification: **2012**

- rubber silencers for chairs, ladders, terminals, shelves and pipe-constructions



HARDY DISKS, PUMP ROTORS

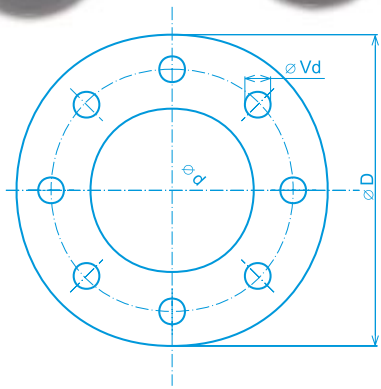
HARDY DISKS

catalogue identification: **2013**

- elastic elements for transfer of turning force, e.g. for OKAY machines for ice-ironing

Necessary details for specifications:
- with steel articles
- with textile lining
- only rubber

Specification dimension				
D	d	Rk	Vd	s



PUMP ROTORS

catalogue identification: **2014**

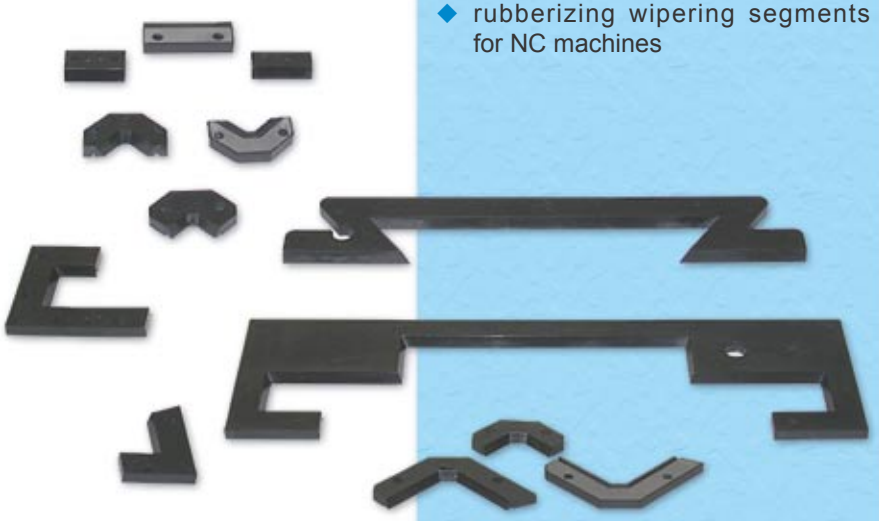
- rubberizing parts - pump rotors

RUBBER COATS OF WIPERS AND BARS

WIPERS

catalogue identification: **2015**

- rubberizing wipering segments for NC machines



BARS - END TOPS

catalogue identification: **2016**

- oil-resistant tops for NC machines

RUBBERIZING COMBS

COMBS - STEERING WHEEL

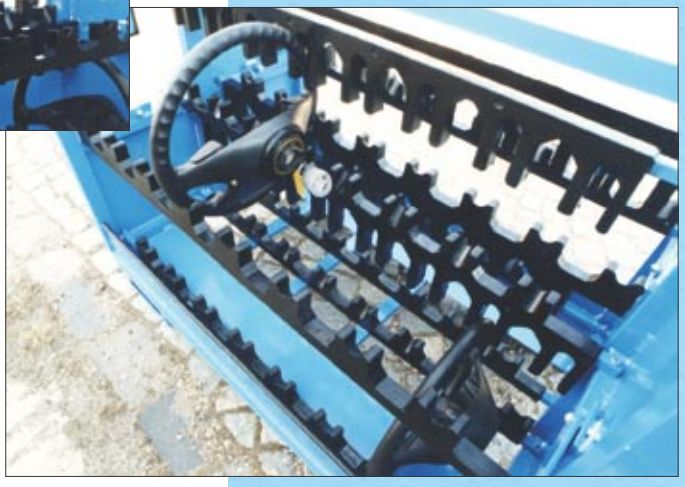
catalogue identification: **2017**

- rubberizing combs for containers for steering wheels, or for other car parts

PALLETS FOR TRANSFER OF STEERING WHEELS

catalogue identification: **2018**

- complete production of transport containers for steering whelles, or for other car parts



RUBBER SEGMENTS, TURNING PRODUCTS, CARIERS

SEGMENTS

catalogue identification: **2019**

- production of rubber segments, turning parts according to the customers needs

CARRIERS - TRANSPORT ELEMENTS

catalogue identification: **2020**

- rubber and rubber-textile elements of transport systems (agriculture, wood production, machinery and food industry)

MEMBRANES, SUCTIONS

MEMBRANES

catalogue identification: **2021**

- rubber or rubber-textile membranes according to the customers needs

SUCTIONS

catalogue identification: **2022**

- rubber suctions for manipulation techinque

RUBBER BUSHINGS AND HEAD-BLINDS

BUSHINGS

catalogue identification: **2023**

- rubber bushings for cables, pipe--systems etc.

BLIND-HEADS

catalogue identification: **2024**

- rubber head-blinds for profile-ends, protection of tapped holes etc.

RUBBER COVERS, TOPS

COVERS OF BEARINGS

catalogue identification: **2025**

- oil-resistant covers of bearings

TOPS

catalogue identification: **2026**

- rubber tops for pots taper stoppers

RUBBER PRESSINGS

RUBBER PUCS

catalogue identification: **2027**

Specification dimension		
D	v	rubber quality

RINGS

catalogue identification: **2028**

Specification dimension		
D	d	rubber quality

RUBBER HOSES AND FLANGES

HOSES

catalogue identification: **2029**

Specification dimension			
D	d	l	rubber quality

FLANGE MOUNTED HOSES, JETS

catalogue identification: **2030**

- necessary drawing of the product or required sample

RUBBERIZING ROLLS BY PRESSING

ROLLS - PRESSING

catalogue identification: **2031**

- transport rolls for mining transporters and machinery in wood-processing, textile, food and graphic industry

STEMMER ROLLS FOR GRAPES

catalogue identification: **2032**

- rubberized rolls designed forgrinding grapes and fruit

Specification dimension				
D rubber	d metal	l metal	l rubber	rubber quality

RUBBER ROLLS

catalogue identification: **2033**

Specification dimension		
D	l	rubber quality

ROLLS - BANDAGE

catalogue identification: **2034**

- rubberizing rolls and drums (transporting, spreading, pressured)

RUBBERIZING AND PRODUCTION OF TREAD ROLLS, PRESSED WHEELS

TREAD ROLLS

catalogue identification: **2035**

- production of tread rolls on the basis of sketchings of the customer

PRESSED WHEELS

catalogue identification: **2036**

- pressing rubber wheels and rubberizing metal cores
- rubberizing wheels SKF

The alternative is pressing wheels with ebonite center substituting metal core (rolling wheels, handling trucks, tail wheels for soaring glider)

WHEELS BANDAGE, BAND SAW WHEELS

WHEELS - BANDAGE

catalogue identification: **2037**

- renovation, rubberizing wheels by hand-bandage - suitable only for less weight of wheels and for piece--orders

BAND SAW WHEELS

catalogue identification: **2038**

- renovation, rubberizing moving wheels of band saws

COACH WHEELS, FEEDERS, SINE WHEELS

COACH WHEELS

catalogue identification: **2039**

- renovation, rubberizing coach wheels and racing traps, pressing coach wheels tread (Exnar)

FEEDERS

catalogue identification: **2040**

- renovation rubberizing feeders for wood-processing industry, rubberizing sine wheels big and small as well metall coverings

RUBBER DISKS, RUBBERIZED BALLS

RUBBER DISKS

catalogue identification: **2041**

- rubber disks for sugar, oil and agri-culture industries

RUBBERIZED BALLS

catalogue identification: **2042**

- rubberizing balls of pumps, pressing rubber balls for vibrating sieves

Specification dimension and rubber	
D	rubber quality

SMALL MINIGOLF BALLS, SHAPED PRODUCTS

SMALL MINIGOLF BALLS

catalogue identification: **2043**

- pressing and grinding small mini-golf balls differentiated by colour, hardness and rebounding

SHAPED PRODUCTS

catalogue identification: **2044**

- oil-resistant bin separator

RUBBER STARS, COMBS, FORKS

STARS

catalogue identification: **2045**

- rubber stars for agriculture machinery

COMBS, FORKS

catalogue identification: **2046**

- rubberizes parts of electrician lines

RUBBER MAT AND DIES

MAT DECOR

catalogue identification: **2047**

- rubber mats with treads according to the customers specification

DIES

catalogue identification: **2048**

- renovation, rubberizing dies for concrete industry

SILENT-BLOCKS FOR CARS AND CAR SPARE PARTS FOR VINTAGE CARS

SPARE PARTS

catalogue identification: **2049**

- production of rubber-bonded metal mounts (silent-blocks) according to the customers specification

SPARE PARTS FOR VINTAGE CARS

catalogue identification: **2050**

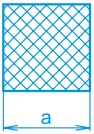
- production according to the customers specification

RUBBER PROFILES

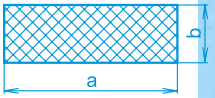
PROFILES

catalogue identification: **2051**

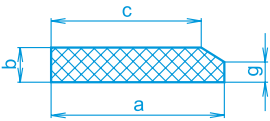
- rubber profiles according to the customers specification, pressed in continuous forms and lengths, max to 5 m



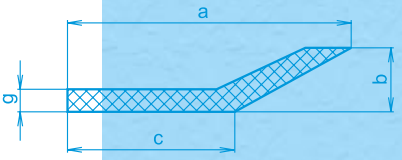
square section



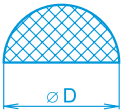
rectangular section



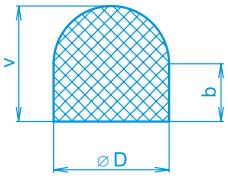
rectangular section with contracting

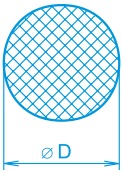


border section



semicircle section





circle section

MANHOLES, RUBBER PACKING

catalogue identification: **2052**

- rubber packing of manholes for food vessels

RUBBER HANDLES, LAMELLA SEGMENTS, WORK-HOLDING FIXTURES

RUBBER HANDLES

catalogue identification: **2053**

- rubber handles, connecting sleeves according to the customers specification

LAMELLA SEGMENTS

catalogue identification: **2054**

- production flexible elements for lamells for beds and connecing sleevs

RUBBER SPARE PARTS FOR ZETOR

ZETOR SPARE PARTS

catalogue identification: **2055**

- seat membrane
- big cabin
- small cabin stopper
- hinge ring
- stopper-door socket
- balancer
- sealing agent under glass
- profile ring

SPARE PARTS FOR MULTICAR

catalogue identification: **2056**

- silentblock H – 9 – 11
- silentblock F2 – 25
- silentblock FA1 – 30
- bush L1 – 3
- silentblock V3 – 12
- spring bush L1 – 19.1

SPARE PARTS FOR AVIA AND LIAZ

AVIA SPARE PARTS

catalogue identification: **2057**

- mud-flap for Avia
- three-hole stopper
- two-hole stopper
- bush
- door balancer
- protective screen

LIAZ SPARE PARTS

catalogue identification: **2058**

- three-spot pulley-renovation
- two-spot pulley-renovation
- centric fit-renovation

SPLASH - GUARDS FOR RENAULT, TYRES FOR DUMBBELLS

SPLASH - GUARDS

catalogue identification: **2059**

- production of rubber splash-guards for car industry
- possibility of two-phase pressing (black base, white inscription)

TYRES FOR DUMBBELLS

catalogue identification: **2060**

- production of rubber tyres for dumbbells

RUBBER FINGER-SHAPED BOARDS AND BELTS

FINGER-SHAPED BOARDS

catalogue identification: **2061**

- pressing rubber - shaped boards for different types of belts designed for agriculture harvesters

FINGER-SHAPED BELTS

catalogue identification: **2062**

- production of finger-shaped belts of agriculture machinery for sorting machines, potato-harvesters etc.

RUBBERIZING - BANDAGE OF FITTINGS AND BELTS

BANDAGE OF FITTINGS

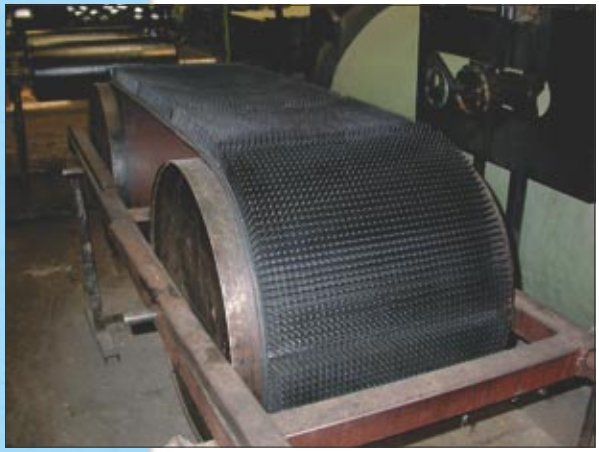
catalogue identification: **2063**

- manual rubberizing of fittings, pickling vats, tumbling drums, feed-hoppers …

BANDAGE OF BELTS

catalogue identification: **2064**

- production of rubber and rubber-textile belts for smaller conveyers, balance weighing machines for sugar industry (machines Bates)



SILICON PRODUCTS, PUR PARTS

SILICON PRODUCTS

catalogue identification: **2065**

- pressed silicon products according to the customers specification

PUR PARTS

catalogue identification: **2066**

- pressing, sheathing of metal cores by PUR mixtures according to the customers specification (necessary form for pressing)
- sheating of cores and production of parts by cast material PUR - Monothane hardness from 20 to 100 ShA, which is characterizied by a compact non-bubble structure (necessary casting form)

TEST DUMMY

catalogue identification: **2067**

- production of rubber test dummies designed for testing seat belts. Its preference is high-durability and possibility of centre of gravity of the test dummy. The development and production of the test dummy has been awarded at the International exhibiton in Púchov (Slovakia) in 1994 by Zlatá Interguma .

CONSTRUCTION AND PRODUCTION OF FORMS

METAL-PRODUCTION

- rubber factory has its own tool works, there are produced pressing forms for moulded rubber goods and at the same time, the service of produced forms is provided.
  We are able to suggest solutions of the form including its realisation on the basis of drawing of the product or a sample piece.

- forms for bigger ranges, e.g. we can do thermal treatments of challenging shaped-moulds or we do final surface finish for increasing durability and improving surface quality. Common delivery time of moulds are approx. three weeks from the order.

METAL-PRODUCTION, PRODUCTION OF PRESSINGS, GRIT BLASTING, SURFACE TREATMENT

METALPRODUCTION

- production of metal moulds on the basis of a concrete customers specifikation determined for supplementary rubber sheathing. Typical examples are semi-manufactured products of silentblocks, metal cores of roller beds …
- metal cores are always blasted before rubberizing and according to the customers wish fitted by metals or surface finish (ZnCr, ...)
- grinding rubberized cylinders, grinding rubberized coach wheels and moving wheels of band saws

USED MATERIALS FOR RUBBERIZING

USED MIXTURES

- used rubber mixtures, with hardness from 30 to 100 ShA, on the basis:

NR	CIIR
NBR	IR
SBR	AU
EPDM	VMQ
PTFE	FPM
CR	CSM
IIR	YAU
BIIR	

- used cast polyurethane type Monothane, hardness from 20 to100 ShA and colour according to the customers specification.

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PRODUCTION OF MOULDED RUBBER GOODS PRESSMOULDS METAL PRODUCTION

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PRODUCTION OF MOULDED RUBBER GOODS PRESSMOULDS METAL PRODUCTION

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