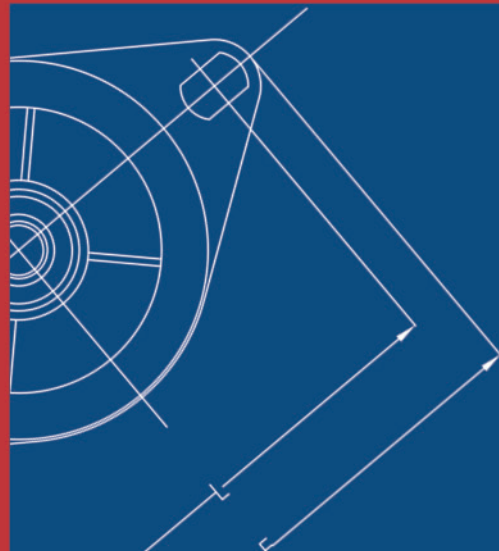


**Soluciones antivibratorias.** Aislamiento de vibraciones, choques y ruidos  
**Antivibration solutions.** Acoustic and vibration isolation, shock protection  
**Solutions antivibratoires.** Isolation des vibrations, chocs et bruits  
**Vibrationsdämpfende Lösungen.** Lärminderung, Isolierung von Stößen und Erschütterungen



# INTRODUCCIÓN / INTRODUCTION

LESOL, S.A es una empresa cuya actividad es la fabricación, comercialización y venta de material antivibratorio, así como la realización de estudios de ingeniería que de esta actividad puedan derivarse y que se concentran en el AISLAMIENTO DE VIBRACIONES, CHOQUES Y RUIDOS.

Desde 1984, aporta soluciones antivibratorias con el más alto nivel en productos, calidad y servicio.

LESOL, con sus sistemas antivibratorios, garantiza un correcto funcionamiento de los equipos, evitando la pérdida de potencia y reduciendo el número de averías. Aportando además, bienestar a las personas que trabajan en su entorno.

## CALIDAD DE PRODUCCIÓN

LESOL, implicado en un sistema continuo de mejora, obtuvo y mantiene la certificación ISO 9001 en todos sus procesos de **"Fabricación y comercialización de material para el control de ruido, vibración y choques"**

LESOL dispone de la más alta tecnología en medios de desarrollo y control, lo que permite ofrecer a sus clientes unos productos y servicios de primera calidad.

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Las informaciones y fotos son indicativas y no tienen carácter contractual.*

LESOL S.A. manufactures and commercializes anti-vibration elements. Our engineering department realizes customized studies to **PREVENT FROM VIBRATION SHOCK AND NOISE.**

Since 1984, LESOL solves vibration problems ensuring high quality in production processes and customer service.

Antivibration systems guarantee a correct running of the machines and avoid loss of performance and prevent mechanical breakdown. In addition they contribute to the good health of the people working around.

## PRODUCTION QUALITY

LESOL aspires to a continuous improvement of the production processes, according to the ISO 9001 Certificate.

LESOL disposes of the most updated and computer assisted technology for development and first quality services and products.

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The informations and pictures are indicative and not contractual.*

LESOL, produit, distribue et vend du matériel antivibratoire. LESOL, S.A. réalise pour ses clients des études antivibratoires et préconise l'utilisation des silentblocks les plus adéquats pour L'ISOLATION DES VIBRATIONS, CHOCS ET BRUITS.

LESOL, fournit depuis 1984 des solutions antivibratoires du plus haut niveau, par rapport à ses produits, sa qualité et son service.

LESOL, avec ses systèmes antivibratoires, garantit le bon fonctionnement des équipements, évitant la perte de puissance et réduisant les pannes. Elle favorise en plus, le bien-être des personnes travaillant autour.

## QUALITE DE PRODUCTION

LESOL, impliquée dans un système d'amélioration continue, a obtenu et maintient la Certification ISO 9001 pour tous les procès de « *Fabrication et commercialisation du matériel pour le contrôle du bruit, de la vibration et des chocs* »

LESOL, possède la plus haute technologie en moyens de développement et contrôle, ce qui permet d'offrir aux clients des produits et services de première qualité.

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LESOL produit et vend des éléments pour l'amortissement des vibrations. Le service ingénierie réalise pour ses clients des études spécifiques et recommande l'utilisation des silentblocks les plus adéquats pour l'ISOLATION VON VIBRATIONEN, SCHALL, LÄRM UND ERSCHÜTTERUNGEN.

Seit 1984 löst LESOL Vibrationsprobleme mit hoher Qualität im Produktionsprozess und Flexibilität im Kundenservice.

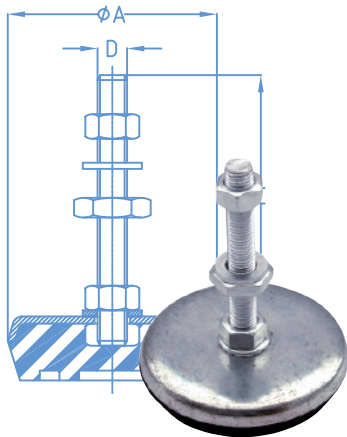
Schwingungsdämpfer verlängern die Lebensdauer der Maschinen, garantieren die Funktionalität, verhindern Leistungsverlust, Betriebsstörungen sowie vorzeitigen Verschleiss. Sie mindern Maschinenlärm, was sich positiv auf die Menschen in der Umgebung auswirkt.

## PRODUKTIONSQUALITÄT

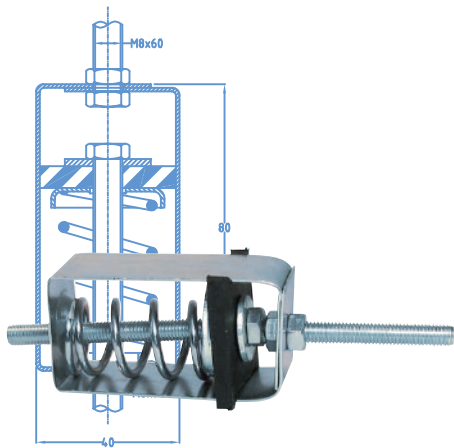
LESOL strebt nach ständiger Verbesserung der Produktionsprozesse gemäss Qualitätsnorm ISO 9001:2008.

Modernste, computergestützte Technologie dient der Entwicklung sowie der Qualitätskontrolle und optimiert Produktion und Kundenservice.

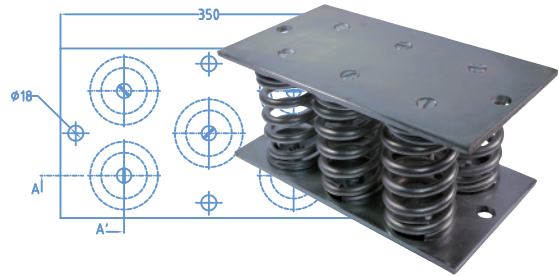
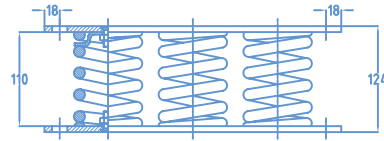
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Änderungen ohne vorherige Ankündigung vorbehalten.  
Alle technischen Angaben und Fotografien sind ohne Gewähr.



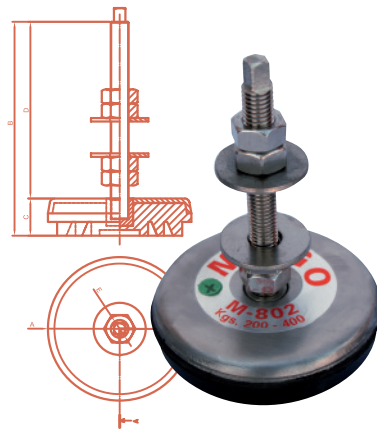
CAUCHO-METAL / RUBBER SILENT BLOCK  
CAOUTCHOUC-METAL / GUMMI-METALL-  
VERBINDUNGEN



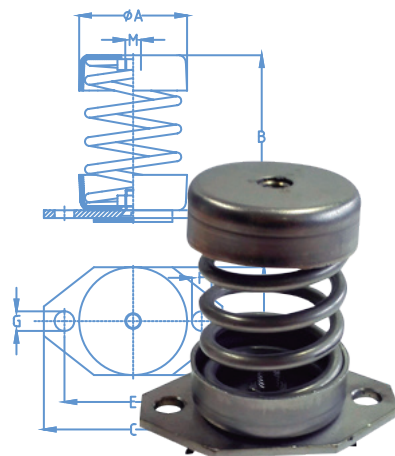
SUSTAINERS / HANGER / SUSPENTES  
SCHALLSCHUTZ-DECKENELEMENTE



AISLANTES METÁLICOS / SPRING ISOLATOR  
ISOLANTS METALIQUES / FEDERISOLATOREN



MAGO



AISLADORES / ISOLATORS / ISOLATEURS  
FEDERSCHWINGUNGSDÄMPFER

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TIPOS DE CAUCHO / TYPES OF RUBBER / TYPES DE CAOUTCHOUC / GUMMIARTEN

COMMERCIAL NAME / NOMBRE COMERCIAL	BUTYL rubber	NATURAL RUBBER	PERBUNAN	NEOPRENE	SBR	SILICONE	APTK rubber
INT. DESIGNATION / NOMBRE INTER.	IIR	NR	NBR	CR	SBR	VMQ/SI	EPDM/EPM
Hardness available / Durezas disponibles	Shore 40-85	Shore 25-95	Shore 25-95	Shore 30-90	Shore 35-95	Shore 40-80	Shore 30-90
Resistance to temperatures / Rest. a temperaturas	-40°C to +130°C	-40°C to +80°C	-40°C to +140°C	-30°C to +120°C	-30°C to +110°C	-70°C up to +180°C	-40°C up to +150°C
Short-time peak temperature / Picos cortos de temperatura	+150°C	+100°C	up to +160°C	up to +150°C	up to +150°C	up to +225°C	up to +180°C
Tensile strength in kp / sp.cm / Rest. a la tracción	170(17)	250(25)	250(25)	250(25)	250(25)	80(8)	200(20)
Tensile elongation in% / Alargamiento a la tracción	400 to 800	800	500	450	450	250	450
<b>PROPIEDADES / PROPERTIES - RESISTENCIAS</b>							
Abrasion / Abrasión	good	good	very good	good	very good	moderate	good
Resistance to flex cracking / Rest. al agrietamiento por flexión	moderate	good	moderate	very good	good	bad	very good
Elongation-Tensile strength / Rest. a la tracción	good	excellent	good	good	good	bad	good
Flexibility / Flexibilidad	slight	excellent	good	good	good	good	good
Strength of structure / Rest. de la estructura	good	excellent	good	good	good	moderate	moderate
Resistance to light / Rest. a la luz	very good	bad	bad	very good	moderate	excellent	excellent
Resistance to oxidizing / Rest. a no oxidarse	very good	moderate	moderate	good	moderate	very good	excellent
Resistance to ozone / Rest. al ozono	very good	moderate	moderate	very good	moderate	excellent	excellent
Resistente to wear and tear / Rest. al desgaste	good	very good	very good	very good	very good	bad	good
Weathering effect / Rest. climatológica	very good	good	good	very good	good	excellent	excellent
<b>RESISTENCIA A</b>							
Lyes / Lejía	very good	good	good	very good	good	not suitable	excellent
Petrol / Petróleo	not suitable	not suitable	excellent	moderate	not suitable	not suitable	not suitable
Benzole / Benzol	not suitable	not suitable	bad	not suitable	not suitable	not suitable	not suitable
Foodstuffs / Productos alimenticios	suitable	suitable	suitable	suitable	suitable	excellently suitable	suitable
Solvents, aliphatic / Disolventes, alifático	not suitable	not suitable	very good	moderate	not suitable	not suitable	bad
Solvents, aromatic / Disolventes, aromáticos	not suitable	not suitable	conditional	moderate	not suitable	not suitable	not suitable
Solvents, halogene / Disolventes, halógeno	not suitable	not suitable	bad	bad	not suitable	not suitable	not suitable
Oils and greases / Aceites y grasas	not suitable	not suitable	excellent	good	not suitable	good	bad
Acids / Ácidos	very good	conditional	conditional	good	conditional	not suitable	very good
Water / Agua	good	good	good	very good	very good	good	very good

Excellent- Excelente  
Excellently suitable- Muy Apto

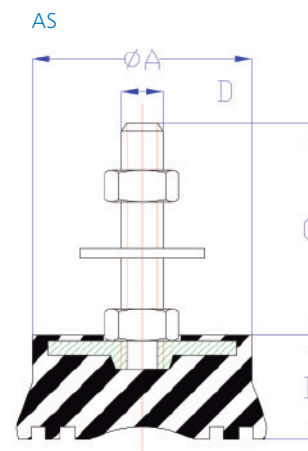
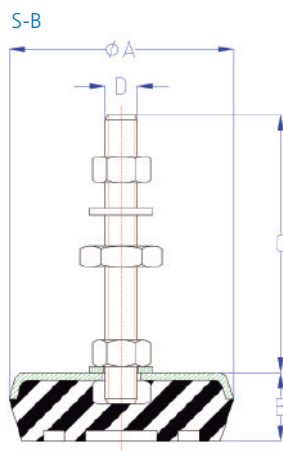
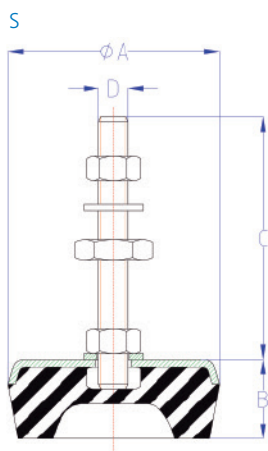
Very Good- Muy Buena  
Good- Buena

Suitable- Apto  
Moderate- Moderado

Not Suitable- No Apto  
Bad- Malo

## PIE DE MÁQUINA / MACHINE BASE / PIED MACHINE / MASCHINENFÜSSE

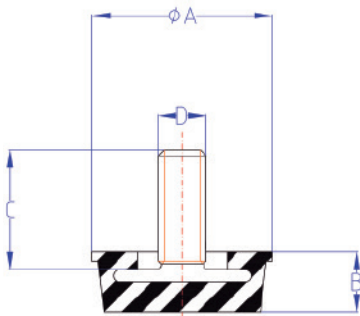
	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.				kg.	mm.	
S	000	40	23	M-08	55	60	3,5±0,5
	00	60	28	M-10	80	160	4,0±1,0
	0	70	32	M-12	100	300	4,5±1,0
	1	85	30	M-12	100	500	4,5±1,0
	2	100	40	M-14	110	600	6,0±1,0
	3	120	50	M-16	120	900	7,5±1,0
	4	140	50	M-16	120	1.200	8,0±1,0
	5	160	60	M-16	120	1.750	9,0±1,0
	6	180	70	M-24	136	2.500	11,0±1,5
	7	205	75	M-24	136	3.500	12,0±2,0
<i>DUREZA / HARDNESS / DURETE / HÄRTE 60 SHÖRE</i>							
S-B	00-B	60	18	M-10	80	200	2,0±0,5
	0-B	70	20	M-12	100	350	2,0±0,5
	1-B	85	25	M-12	100	600	2,2±0,5
	2-B	100	20	M-14	110	800	2,5±0,5
	3-B	120	25	M-16	120	1.100	2,5±0,5
	4-B	140	33	M-16	120	2.000	3,5±0,5
5-B	160	31	M-16	120	3.000	4,0±1,0	
<i>DUREZA / HARDNESS / DURETE / HÄRTE 75 SHÖRE</i>							
AS	AS4020-60SH	40	20	M-08	40	90	4,0±0,5
	AS5020-45SH	52	20	M-10	70	180	4,0±1,0
	AS6020-60SH	52	20	M-10	70	275	4,0±1,0
	AS6520-75SH	52	20	M-12	90	750	4,0±1,0
	AS7526-60SH	69	26	M-12	80	330	5,0±1,0
	AS8026-75SH	69	26	M-12	80	550	5,0±1,0



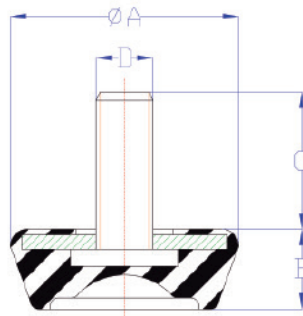
R80T30 / R80T35 / AS

R80T	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		
		TUBOØ	A	H	L	M	R	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.					kg.	mm.	
	<b>R80T30EPDM50</b>	30	28	73	55	M-08	15,0	33	2,8±0,5
<b>R80T35EPDM50</b>	35	28	70	56	M-08	17,5	26	2,2±0,5	
<i>DUREZA / HARDNESS / DURETE / HÄRTE 50 SHÖRE</i>									
AS	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG			
		ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG		
		mm.				kg.	mm.		
	<b>AS-29</b>	30	10	M-08	20	60	1,5±0,5		
	<b>AS-39</b>	40	15	M-10	25	60	2,0±0,5		
<b>AS-40</b>	40	25	M-10	25	90	4,0±0,5			
<b>AS-55</b>	55	30	M-10	50	150	4,5±0,5			
<i>DUREZA / HARDNESS / DURETE / HÄRTE 60 SHÖRE</i>									

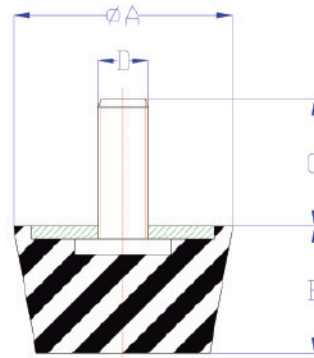
AS29



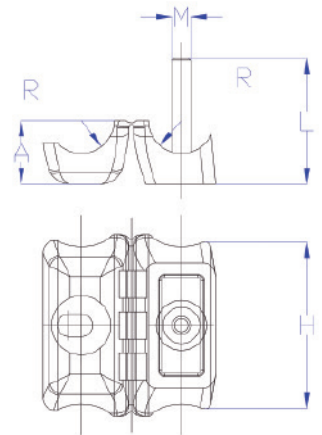
AS39



AS40-55



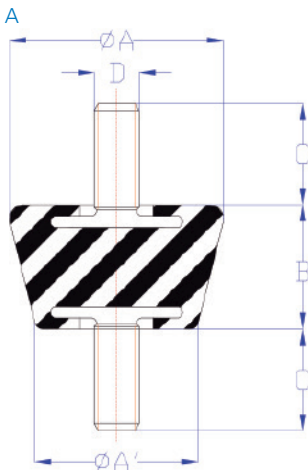
R80T



A / KIT / PACK

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		
		Ø A	Ø A'	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
		mm.					kg.	mm.	
	A35B	38	28	22	M-08	20	50	5,0±0,5	
	A35	38	28	22	M-08	20	100	5,0±0,5	
	A45B	45	32	30	M-08	20	65	6,0±1,0	
	A45	45	32	30	M-08	20	115	6,0±1,0	
	A35B PACK								
	A35 PACK								
	A45 PACK								
	AS4020BT								
	AS5020BT								
	AS6020BT								
	AS6520BT								
	AS7526BT								
R80T	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		
		TUBOØ	A	H	L	M	R	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.					kg.	mm.	
	R80T30PACK	30	28	73	55	M-08	15,0		
	R80T35PACK	35	28	70	56	M-08	17,5		

DUREZA / HARDNESS / DURETE / HÄRTE 50 SHÖRE



A35PACK



R80T30PACK



SR3015

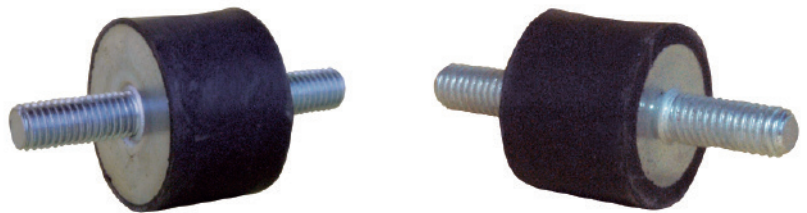
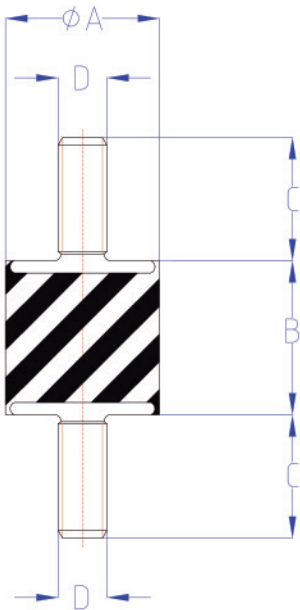


AS4020BT

- \*Otras referencias y personalización de bolsas bajo consulta
- \*Other references and customizing if required
- \*D'autres références et personnalisation sous demande
- \*Kundenspezifische Packs auf Anfrage

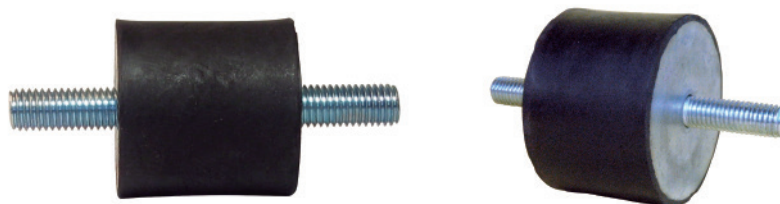
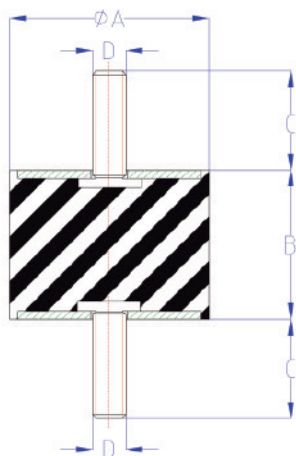
SR

SR	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT	
		Sh	ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.	kg.	mm.
SR 1215	60	12	15	M-05	10	15	3,0±0,5	1,5	2,0±0,5	
SR 1610	60	16	10	M-05	12	20	1,5±0,5	2	2,0±0,5	
SR 1615	60	16	15	M-05	12	15	2,5±0,5	2	3,0±0,5	
SR 1620	60	16	20	M-05	12	15	3,5±0,5	2	4,0±0,5	
SR 1625	60	16	25	M-05	12	15	4,5±1,0	2	5,0±1,0	
SR 2008	60	20	08	M-06	15	45	1,0±0,3	4,5	1,5±0,3	
SR 2015	60	20	15	M-06	15	35	3,0±0,5	3,5	3,0±0,5	
SR 2020	60	20	20	M-06	15	25	4,0±1,0	2,5	4,0±0,5	
SR 2025	60	20	25	M-06	15	25	5,0±1,0	2,5	5,0±1,0	
SR 2030	60	20	30	M-06	15	25	6,0±1,0	2,5	6,0±1,0	
SR 2510	50	25	10	M-08	20	80	2,0±0,5	8	2,0±0,5	
SR 2515	50	25	15	M-08	20	60	3,0±0,5	8	3,0±0,5	
SR 2520	50	25	20	M-08	20	45	4,0±0,5	8	4,0±0,5	
SR 2525	50	25	25	M-08	20	40	5,0±1,0	6	5,0±1,0	
SR 2530	50	25	30	M-08	20	40	6,0±1,0	5	6,0±1,0	
SR 2540	50	25	40	M-08	20	40	8,0±1,0	5	8,0±1,0	
SR 2822	50	28	22	M-08	20	60	5,0±1,0	11	5,0±1,0	
SR 3010	50	30	10	M-08	20	80	2,0±0,5	11	2,0±0,5	
SR 3015	50	30	15	M-08	20	80	3,0±0,5	11	3,0±0,5	
SR 3020	50	30	20	M-08	20	80	4,0±0,5	11	4,0±0,5	
SR 3030	50	30	30	M-08	20	60	6,0±1,0	11	6,0±1,0	
SR 3040	50	30	40	M-08	20	60	8,0±1,0	11	8,0±1,0	



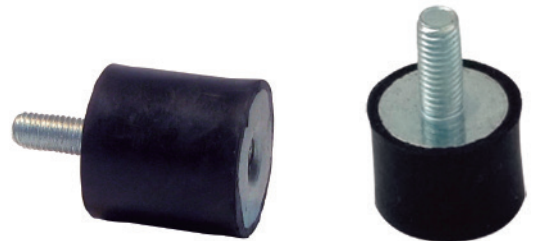
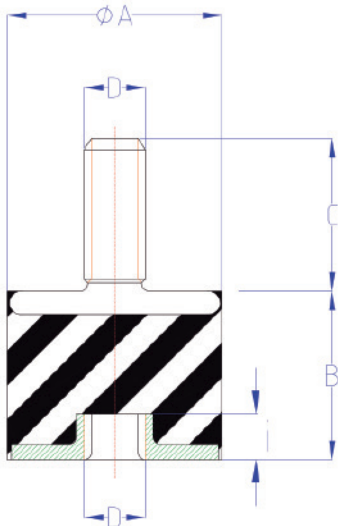
SR

SR	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT	
		Sh	ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.	kg.	mm.
SR 4020M8X20	50	40	20	M-08	20	160	4,0±0,5	20	4,0±0,5	
SR 4020	50	40	20	M-10	25	160	4,0±0,5	20	4,0±0,5	
SR 4028M8X30	50	40	28	M-08	30	100	5,5±1,0	16	5,5±1,0	
SR 4028M8X20	50	40	28	M-08	20	100	5,5±1,0	16	5,5±1,0	
SR 4028	50	40	28	M-10	25	100	5,5±1,0	16	5,5±1,0	
SR 4035	50	40	35	M-10	25	100	7,0±1,0	16	7,0±1,0	
SR 4040M8X20	50	40	40	M-08	20	100	8,0±1,0	16	8,0±1,0	
SR 4040	50	40	40	M-10	25	100	8,0±1,0	16	8,0±1,0	
SR 4045	50	40	45	M-10	25	100	9,0±1,0	16	9,0±1,0	
SR 5020	50	50	20	M-10	25	300	4,0±0,5	25	4,0±0,5	
SR 5025	50	50	25	M-10	25	175	5,0±1,0	25	5,0±1,0	
SR 5030	50	50	30	M-10	25	160	6,0±1,0	25	6,0±1,0	
SR 5035	50	50	35	M-10	25	160	7,0±1,0	25	7,0±1,0	
SR 5040	50	50	40	M-10	25	155	8,0±1,0	25	8,0±1,0	
SR 5045	50	50	45	M-10	25	150	9,0±1,0	25	9,0±1,0	
SR 5060	50	50	60	M-10	25	130	12,0±1,5	25	12,0±1,5	
SR 6025	50	60	25	M-10	25	400	5,0±1,0	35	5,0±1,0	
SR 6035	50	60	35	M-10	25	300	7,0±1,0	35	7,0±1,0	
SR 6045	50	60	45	M-10	25	250	9,0±1,0	35	9,0±1,0	
SR 6060	50	60	60	M-10	25	225	12,0±1,5	35	12,0±1,5	
SR 7035M10X25	50	70	35	M-10	25	450	7,0±1,0	55	7,0±1,0	
SR 7040M10X25	50	70	40	M-10	25	400	8,0±1,0	70	8,0±1,0	
SR 7050M10X25	50	70	50	M-10	25	300	10,0±1,0	35	10,0±1,0	
SR 7070M10X25	50	70	70	M-10	25	300	14,0±1,5	35	14,0±1,5	
SR 7035	50	70	35	M-12	33	450	7,0±1,0	55	7,0±1,0	
SR 7040	50	70	40	M-12	33	400	8,0±1,0	70	8,0±1,0	
SR 7050	50	70	50	M-12	33	300	10,0±1,0	35	10,0±1,0	
SR 7070	50	70	70	M-12	33	300	14,0±1,5	35	14,0±1,5	
SR 8030	50	80	30	M-14	35	950	6,0±1,0	100	6,0±1,0	
SR 8040	50	80	40	M-14	35	600	8,0±1,0	80	8,0±1,0	
SR 8055	50	80	55	M-14	35	500	11,0±1,5	70	11,0±1,5	
SR 9525	60	95	25	M-16	42	1800	5,0±1,0	80	5,0±1,0	
SR 9540	50	95	40	M-16	42	1000	8,0±1,0	140	8,0±1,0	
SR 15075	50	150	75	M-20	50	1800	15,0±2,0	275	15,0±2,0	



MR

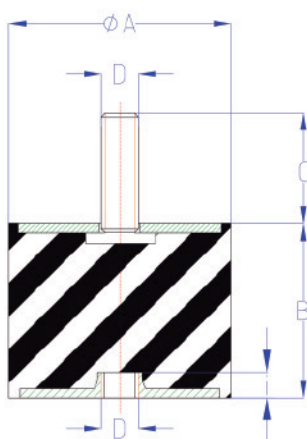
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		Sh	ØA	B	D	C	I	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.							kg.	mm.	kg.	mm.
	<b>MR 1610</b>	60	16	10	M-05	12	5	20	1,5±0,5	2	2,0±0,5
	<b>MR 1615</b>	60	16	15	M-05	12	5	15	2,5±0,5	2	3,0±0,5
	<b>MR 1620</b>	60	16	20	M-05	12	5	15	3,5±1,0	2	4,0±0,5
	<b>MR 1625</b>	60	16	25	M-05	12	5	15	4,5±1,0	2	5,0±0,5
	<b>MR 2015</b>	60	20	15	M-06	15	5	35	3,0±0,5	3,5	3,0±0,5
	<b>MR 2020</b>	60	20	20	M-06	15	5	30	4,0±1,0	2,5	4,0±0,5
	<b>MR 2025</b>	60	20	25	M-06	15	5	25	5,0±1,0	2,5	5,0±1,0
	<b>MR 2030</b>	60	20	30	M-06	15	5	25	6,0±1,0	2,5	6,0±1,0
	<b>MR 2520</b>	50	25	20	M-08	20	6	50	4,0±0,5	8	4,0±0,5
	<b>MR 2525</b>	50	25	25	M-08	20	6	45	5,0±1,0	6	5,0±1,0
	<b>MR 2530</b>	50	25	30	M-08	20	6	40	6,0±1,0	5	6,0±1,0
	<b>MR 2540</b>	50	25	40	M-08	20	6	40	8,0±1,0	5	8,0±1,0
	<b>MR 2822</b>	50	28	22	M-08	20	6	60	5,0±1,0	11	5,0±1,0
	<b>MR 3015</b>	50	30	15	M-08	20	6	80	3,0±0,5	11	3,0±0,5
	<b>MR 3020</b>	50	30	20	M-08	20	6	80	4,0±0,5	11	4,0±0,5
	<b>MR 3030</b>	50	30	30	M-08	20	6	60	6,0±1,0	11	6,0±1,0
	<b>MR 3040</b>	50	30	40	M-08	20	6	60	8,0±1,0	11	8,0±1,0





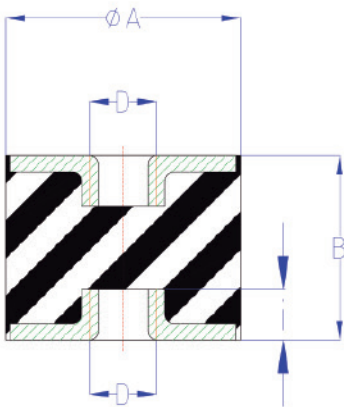
MR

REF / ART.NR	Sh	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT	
		ØA	B	D	C	I	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.					kg.	mm.	kg.	mm.
MR 4020M8X20	50	40	20	M-08	20	6	175	4,0±0,5	20	4,0±0,5
MR 4020	50	40	20	M-10	25	7	175	4,0±0,5	20	4,0±0,5
MR 4028M8X30	50	40	28	M-08	30	6	125	5,5±1,0	16	5,5±1,0
MR 4028M8X20	50	40	28	M-08	20	6	125	5,5±1,0	16	5,5±1,0
MR 4028	50	40	28	M-10	25	7	125	5,5±1,0	16	5,5±1,0
MR 4035	50	40	35	M-10	25	7	100	7,0±1,0	16	7,0±1,0
MR 4040M8X20	50	40	40	M-08	20	6	100	8,0±1,0	16	8,0±1,0
MR 4040	50	40	40	M-10	25	7	100	8,0±1,0	16	8,0±1,0
MR 4045	50	40	45	M-10	25	7	100	9,0±1,0	16	9,0±1,0
MR 5020	50	50	20	M-10	25	7	300	4,0±0,5	25	4,0±0,5
MR 5025	50	50	25	M-10	25	7	175	5,0±1,0	25	5,0±1,0
MR 5030	50	50	30	M-10	25	7	160	6,0±1,0	25	6,0±1,0
MR 5035	50	50	35	M-10	25	7	160	7,0±1,0	25	7,0±1,0
MR 5040	50	50	40	M-10	25	7	155	8,0±1,0	25	8,0±1,0
MR 5045	50	50	45	M-10	25	7	150	9,0±1,0	25	9,0±1,0
MR 5060	50	50	60	M-10	25	7	130	12,0±1,5	25	12,0±1,5
MR 6025	50	60	25	M-10	25	7	400	5,0±1,0	35	5,0±1,0
MR 6035	50	60	35	M-10	25	7	300	7,0±1,0	35	7,0±1,0
MR 6045	50	60	45	M-10	25	7	250	9,0±1,0	35	9,0±1,0
MR 6060	50	60	60	M-10	25	7	225	12,0±1,5	35	12,0±1,5
MR 7035M10X25	50	70	35	M-10	25	9	450	7,0±1,0	55	7,0±1,0
MR 7040M10X25	50	70	40	M-10	25	9	400	8,0±1,0	70	8,0±1,0
MR 7050M10X25	50	70	50	M-10	25	9	300	10,0±1,0	35	10,0±1,0
MR 7070M10X25	50	70	70	M-10	25	9	300	14,0±1,5	35	14,0±1,5
MR 7035	50	70	35	M-12	33	10	450	7,0±1,0	55	7,0±1,0
MR 7040	50	70	40	M-12	33	10	400	8,0±1,0	70	8,0±1,0
MR 7050	50	70	50	M-12	33	10	300	10,0±1,0	35	10,0±1,0
MR 7070	50	70	70	M-12	33	10	300	14,0±1,5	35	14,0±1,5
MR 7525	50	75	25	M-12	33	10	650	5,0±1,0	80	5,0±1,0
MR 7555	50	75	55	M-12	33	10	400	11,0±1,0	75	11,0±1,5
MR 8030	50	80	30	M-14	35	9	950	6,0±1,0	100	6,0±1,0
MR 8040	50	80	40	M-14	35	9	600	8,0±1,0	80	8,0±1,0
MR 8055	50	80	55	M-14	35	9	500	11,0±1,5	70	11,0±1,5
MR 9540	50	95	40	M-16	42	14	1000	8,0±1,0	140	8,0±1,0
MR 15075	50	150	75	M-20	50	20	1800	15,0±2,0	275	15,0±2,0



HR

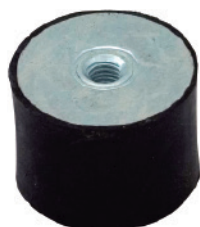
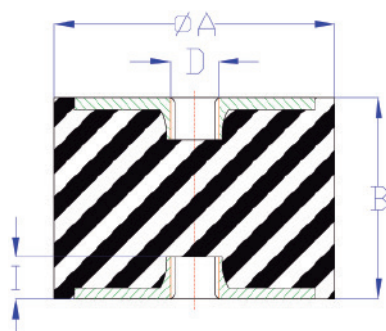
HR	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT	
		Sh	ØA	B	D	l	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.	kg.	mm.
	HR 1615	60	16	15	M-05	5	15	2,5±0,5	2	2,0±0,5
	HR 1620	60	16	20	M-05	5	15	3,5±0,5	2	4,0±0,5
	HR 1625	60	16	25	M-05	5	15	4,5±1,0	2	5,0±1,0
	HR 2015	60	20	15	M-06	5	40	2,0±0,5	3,5	3,0±0,5
	HR 2020	60	20	20	M-06	5	30	4,0±1,0	2,5	4,0±0,5
	HR 2025	60	20	25	M-06	5	30	5,0±1,0	2,5	5,0±1,0
	HR 2030	60	20	30	M-06	5	25	6,0±1,0	2,5	6,0±1,0
	HR 2520	50	25	20	M-08	6	50	4,0±0,5	8	4,0±0,5
	HR 2525	50	25	25	M-08	6	45	5,0±1,0	6	5,0±1,0
	HR 2530	50	25	30	M-08	6	40	6,0±1,0	5	6,0±1,0
	HR 2540	50	25	40	M-08	6	40	8,0±1,0	5	8,0±1,0
	HR 2822	50	28	22	M-08	6	60	4,5±1,0	11	5,0±1,0
	HR 3020	50	30	20	M-08	6	80	4,0±0,5	11	4,0±0,5
	HR 3030	50	30	30	M-08	6	60	6,0±1,0	11	6,0±1,0
	HR 3330	60	30	30	M-08	6	80	6,0±1,0	16	6,0±1,0
	HR 3040	50	30	40	M-08	6	60	8,0±1,0	11	8,0±1,0



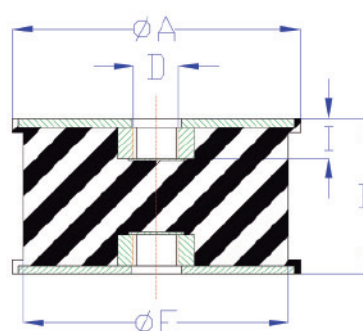
HR

REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT	
	Sh	ØA	B	D	I	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.					kg.	mm.	kg.
HR 4020	50	40	20	M-10	7	175	4,0±0,5	20	4,0±0,5
HR 4028M8	50	40	28	M-08	6	125	5,5±1,0	16	5,5±1,0
HR 4028	50	40	28	M-10	7	125	5,5±1,0	16	5,5±1,0
HR 3430	60	40	30	M-08	6	200	6,0±1,0	40	6,0±1,0
HR 4035	50	40	35	M-10	7	100	7,0±1,0	16	7,0±1,0
HR 4040M8	50	40	40	M-08	6	100	8,0±1,0	16	8,0±1,0
HR 4040	50	40	40	M-10	7	100	8,0±1,0	16	8,0±1,0
HR 4045M8	50	40	45	M-08	6	100	9,0±1,0	16	9,0±1,0
HR 4045	50	40	45	M-10	7	100	9,0±1,0	16	9,0±1,0
HR 5020	50	50	20	M-10	7	300	4,0±0,5	25	4,0±0,5
HR 5025	50	50	25	M-10	7	175	5,0±1,0	25	5,0±1,0
HR 5030	50	50	30	M-10	7	160	6,0±1,0	25	6,0±1,0
HR 5035	50	50	35	M-10	7	160	7,0±1,0	25	7,0±1,0
HR 5040	50	50	40	M-10	7	155	8,0±1,0	25	8,0±1,0
HR 5045	50	50	45	M-10	7	150	9,0±1,0	25	9,0±1,0
HR 5060	50	50	60	M-10	7	130	12,0±1,5	25	12,0±1,5
HR 6025	50	60	25	M-10	7	400	5,0±1,0	35	5,0±1,0
HR 6035	50	60	35	M-10	7	300	7,0±1,0	35	7,0±1,0
HR 6045	50	60	45	M-10	7	250	9,0±1,0	35	9,0±1,0
HR 6060	50	60	60	M-10	7	225	12,0±1,5	35	11,0±1,5
HR 7035M10	50	70	35	M-10	9	450	7,0±1,0	55	7,0±1,0
HR 7040M10	50	70	40	M-10	9	400	8,0±1,0	70	8,0±1,0
HR 7050M10	50	70	50	M-10	9	300	10,0±1,0	35	10,0±1,0
HR 7070M10	50	70	70	M-10	9	300	14,0±1,5	35	14,0±1,5
HR 7035	50	70	35	M-12	10	450	7,0±1,0	55	7,0±1,0
HR 7040	50	70	40	M-12	10	400	8,0±1,0	70	8,0±1,0
HR 7050	50	70	50	M-12	10	300	10,0±1,0	35	10,0±1,0
HR 7070	50	70	70	M-12	10	300	14,0±1,5	35	14,0±1,5
HR 8030	50	80	30	M-14	9	950	6,0±1,0	100	6,0±1,0
HR 8040	50	80	40	M-14	9	600	8,0±1,0	80	8,0±1,0
HR 8055	50	80	55	M-14	9	500	11,0±1,5	70	11,0±1,5
HR 9540	50	95	40	M-16	14	1000	8,0±1,0	140	8,0±1,0
HR 102D45	45	102	55	M-16	14	500	11,0±1,5	100	11,0±1,5
HR 102D60	60	102	55	M-16	14	1000	11,0±1,5	200	11,0±1,5
HR 102D75	75	102	55	M-16	14	2500	11,0±1,5	350	11,0±1,5
HR 15075	50	150	75	M-20	20	1800	15,0±2,0	275	15,0±2,0

HR

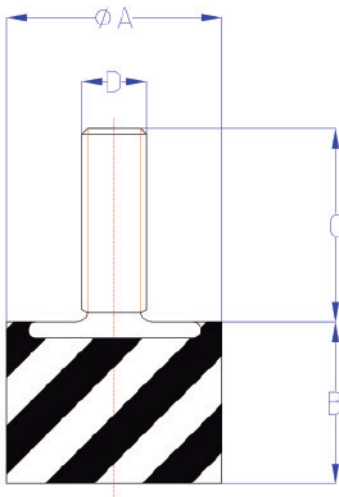


HR102



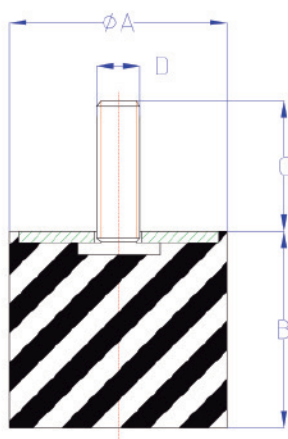
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R	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.
	R 1215	60	12	15	M-05	10	15	3,0±0,5
	R 1610	60	16	10	M-05	12	20	1,5±0,5
	R 1615	60	16	15	M-05	12	15	2,5±0,5
	R 1620	60	16	20	M-05	12	15	3,5±0,5
	R 1625	60	16	25	M-05	12	15	4,5±1,0
	R 2008	60	20	08	M-06	15	45	1,6±0,5
	R 2015	60	20	15	M-06	15	35	3,0±0,5
	R 2020	60	20	20	M-06	15	25	4,0±1,0
	R 2025	60	20	25	M-06	15	25	5,0±1,0
	R 2030	60	20	30	M-06	15	25	6,0±1,0
	R 2510	50	25	10	M-08	20	50	2,0±0,5
	R 2515	50	25	15	M-08	20	40	3,0±0,5
	R 2520	50	25	20	M-08	20	40	4,0±0,5
	R 2525	50	25	25	M-08	20	40	5,0±1,0
	R 2530	50	25	30	M-08	20	40	6,0±1,0
	R 2540	50	25	40	M-08	20	40	8,0±1,0
	R 2822	50	28	22	M-08	20	60	5,0±1,0
	R 3010	50	30	10	M-08	20	80	2,0±0,5
	R 3015	50	30	15	M-08	20	80	3,0±0,5
	R 3020	50	30	20	M-08	20	80	4,0±0,5
	R 3030	50	30	30	M-08	20	60	6,0±1,0
	R 3040	50	30	40	M-08	20	60	8,0±1,0



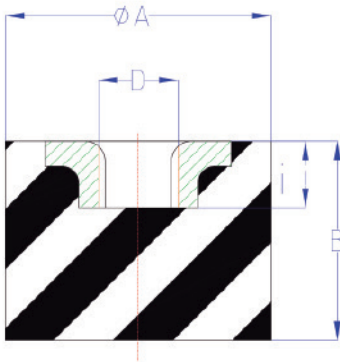
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REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.					kg.	mm.
R 4020M8X20	50	40	20	M-08	20	140	4,0±0,5
R 4020	50	40	20	M-10	25	140	4,0±0,5
R 4028M8X20	50	40	28	M-08	20	100	5,5±1,0
R 4028	50	40	28	M-10	25	100	5,5±1,0
R 4035	50	40	35	M-10	25	100	7,0±1,0
R 4040M8X20	50	40	40	M-08	20	100	8,0±1,0
R 4040	50	40	40	M-10	25	100	8,0±1,0
R 4045	50	40	45	M-10	25	90	9,0±1,0
R 5020	50	50	20	M-10	25	300	4,0±0,5
R 5025	50	50	25	M-10	25	175	5,0±1,0
R 5030	50	50	30	M-10	25	160	6,0±1,0
R 5035	50	50	35	M-10	25	160	7,0±1,0
R 5040	50	50	40	M-10	25	155	8,0±1,0
R 5045	50	50	45	M-10	25	150	9,0±1,0
R 5060	50	50	60	M-10	25	130	12,0±1,5
R 6025	50	60	25	M-10	25	400	5,0±1,0
R 6035	50	60	35	M-10	25	300	7,0±1,0
R 6045	50	60	45	M-10	25	250	9,0±1,0
R 6060	50	60	60	M-10	25	225	12,0±1,5
R 7035M10X25	50	70	35	M-10	25	450	7,0±1,0
R 7040M10X25	50	70	40	M-10	25	400	8,0±1,0
R 7050M10X25	50	70	50	M-10	25	300	10,0±1,0
R 7070M10X25	50	70	70	M-10	25	300	14,0±1,5
R 7035	50	70	35	M-12	33	450	7,0±1,0
R 7040	50	70	40	M-12	33	400	8,0±1,0
R 7050	50	70	50	M-12	33	300	10,0±1,0
R 7070	50	70	70	M-12	33	300	14,0±1,5
R 7525	50	75	25	M-12	33	650	5,0±1,0
R 8030	50	80	30	M-14	35	950	6,0±1,0
R 8040	50	80	40	M-14	35	600	8,0±1,0
R 8055	50	80	55	M-14	35	500	11,0±1,5
R 9525	60	95	25	M-16	42	1800	5,0±1,0
R 9540	50	95	40	M-16	42	1000	8,0±1,0



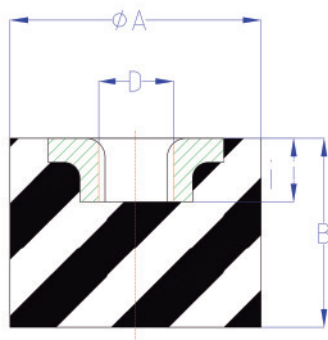
# TH

TH	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	ØA	B	D	i	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.
TH 1610	60	16	10	M-05	5	20	1,5±0,5	
TH 1615	60	16	15	M-05	5	15	2,5±0,5	
TH 1620	60	16	20	M-05	5	15	3,5±1,0	
TH 1625	60	16	25	M-05	5	15	4,5±1,0	
TH 2008	60	20	08	M-06	5	45	1,6±0,5	
TH 2015	60	20	15	M-06	5	35	3,0±0,5	
TH 2020	60	20	20	M-06	5	25	4,0±1,0	
TH 2025	60	20	25	M-06	5	25	5,0±1,0	
TH 2030	60	20	30	M-06	5	25	6,0±1,0	
TH 2510	50	25	10	M-08	6	50	2,0±0,5	
TH 2515	50	25	15	M-08	6	40	3,0±0,5	
TH 2520	50	25	20	M-08	6	40	4,0±0,5	
TH 2525	50	25	25	M-08	6	40	5,0±1,0	
TH 2530	50	25	30	M-08	6	40	6,0±1,0	
TH 2540	50	25	40	M-08	6	40	8,0±1,0	
TH 2822	50	28	22	M-08	6	60	5,0±1,0	
TH 3010	50	30	10	M-08	6	80	2,0±0,5	
TH 3015	50	30	15	M-08	6	80	3,0±0,5	
TH 3020	50	30	20	M-08	6	80	4,0±0,5	
TH 3030	50	30	30	M-08	6	60	6,0±1,0	
TH 3040	50	30	40	M-08	6	60	8,0±1,0	



TH

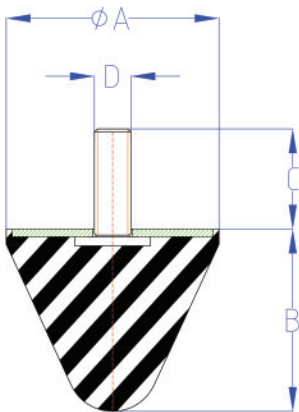
TH	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	ØA	B	D	i	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.
	TH 4020M8	50	40	20	M-08	6	140	4,0±0,5
	TH 4020	50	40	20	M-10	7	140	4,0±0,5
	TH 4028M8	50	40	28	M-08	6	100	5,5±1,0
	TH 4028	50	40	28	M-10	7	100	5,5±1,0
	TH 4035	50	40	35	M-10	7	100	7,0±1,0
	TH 4040M8	50	40	40	M-08	6	100	8,0±1,0
	TH 4040	50	40	40	M-10	7	100	8,0±1,0
	TH 4045	50	40	45	M-10	7	90	9,0±1,0
	TH 5020	50	50	20	M-10	7	300	4,0±0,5
	TH 5025	50	50	25	M-10	7	175	5,0±1,0
	TH 5030	50	50	30	M-10	7	160	6,0±1,0
	TH 5035	50	50	35	M-10	7	160	7,0±1,0
	TH 5040	50	50	40	M-10	7	155	8,0±1,0
	TH 5045	50	50	45	M-10	7	150	9,0±1,0
	TH 5060	50	50	60	M-10	7	130	12,0±1,5
	TH 6025	50	60	25	M-10	7	400	5,0±1,0
	TH 6035	50	60	35	M-10	7	300	7,0±1,0
	TH 6045	50	60	45	M-10	7	250	9,0±1,0
	TH 6060	50	60	60	M-10	7	225	12,0±1,5
	TH 7035M10	50	70	35	M-10	9	450	7,0±1,0
	TH 7040M10	50	70	40	M-10	9	400	8,0±1,0
	TH 7050M10	50	70	50	M-10	9	300	10,0±1,0
	TH 7070M10	50	70	70	M-10	9	300	14,0±1,5
	TH 7035	50	70	35	M-12	10	450	7,0±1,0
	TH 7040	50	70	40	M-12	10	400	8,0±1,0
	TH 7050	50	70	50	M-12	10	300	10,0±1,0
	TH 7070	50	70	70	M-12	10	300	14,0±1,5
	TH 8030	50	80	30	M-14	9	950	6,0±1,0
	TH 8040	50	80	40	M-14	9	600	8,0±1,0
	TH 8055	50	80	55	M-14	9	500	11,0±1,5
	TH 9525	60	95	25	M-16	14	1800	5,0±1,0
	TH 9540	50	95	40	M-16	14	1000	8,0±1,0



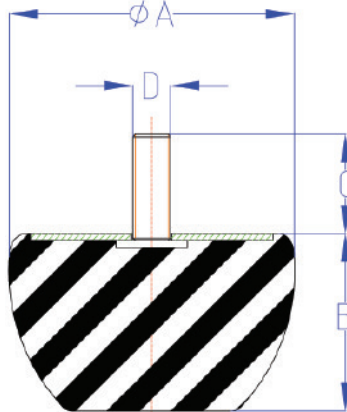
TP

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG		CHOQUE / SHOCK CHOC / STOSS		
		Sh	ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.				kg.	mm	kg.	mm.	
TP-1	TP 25	60	25	20	M-08	20	40	4,0±0,5	100	8,0±2,0
	TP 30	60	30	30	M-06	15	50	6,0±1,0	140	12,0±2,0
	TP 30M8X20	60	30	30	M-08	20	50	6,0±1,0	140	12,0±2,0
	TP 5050M8X20	60	50	50	M-08	20	90	10,0±1,5	335	20,0±3,0
	TP 5050M10	60	50	50	M-10	25	90	10,0±1,5	335	20,0±3,0
	TP 5058M8X20	60	50	58	M-08	20	90	12,0±2,0	370	23,0±3,0
	TP 5058M10	60	50	58	M-10	25	90	12,0±2,0	370	23,0±3,0
	TP 5065M8X20	60	50	65	M-08	20	90	13,0±2,0	370	26,0±4,0
	TP 5065M10	60	50	65	M-10	25	90	13,0±2,0	370	26,0±4,0
	TP70	60	70	60	M-12	33	160	12,0±2,0	550	24,0±3,0
TP95	60	95	80	M-16	42	350	16,0±2,0	1100	32,0±4,0	
TP-2	TP85	60	84	53	M-12	33	375	11,0±2,0	1250	21,0±2,5
	TP120	75	120	75	M-16	42	2000	15,0±2,0	4500	30,0±4,0
	TP220	60	220	136	M-24	80	3800	27,0±3,0	10000	54,0±6,0
	TP96	60	95	47	M-16	42	675	9,0±1,0	1600	19,0±2,0

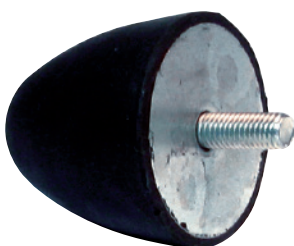
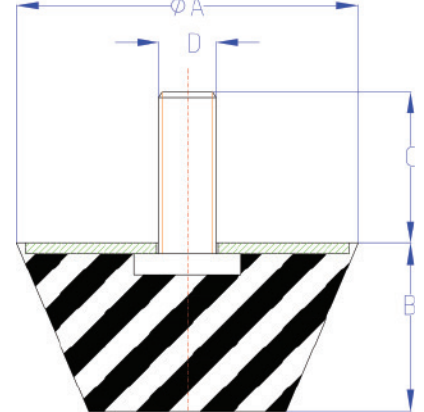
TP-1



TP-2



TP-96

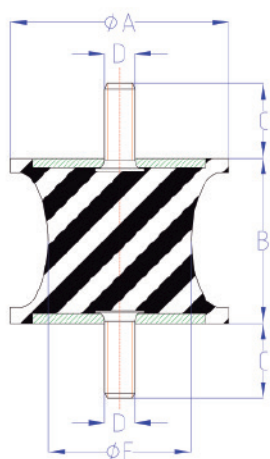




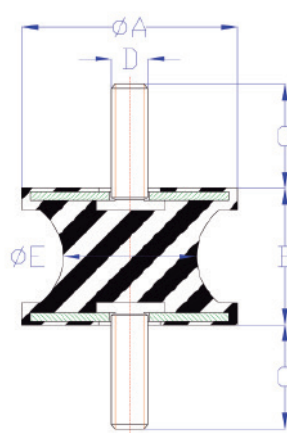
# DIABOLOS

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN						COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT		
		Sh	ØA	B	ØE	D	C	I	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.						kg.	mm.	kg.	mm.		
SR-N	SR 00-N	60	20	19	13	M-06	15		12	4,0±1,0	2	4,0±0,5
	SR 0NM8	50	40	28	20	M-08	30		40	5,5±1,0	7	5,5±1,0
	SR 0N	50	40	28	20	M-10	25		40	5,5±1,0	7	5,5±1,0
	SR 1N	50	58	44	24	M-08	20		70	8,5±1,0	10	8,5±1,0
	SR 2N	50	58	44	38	M-08	20		130	8,5±1,0	25	8,5±1,0
	SR 4N	50	60	60	48	M-10	25		150	10,0±1,0	20	12,0±1,5
	SR 5N	50	80	70	68	M-14	35		350	14,0±1,5	65	14,0±1,5
	SR 6N	50	95	76	76	M-16	42		450	15,0±2,0	75	15,0±2,0
	SR 7N	50	108	75	97	M-16	42		600	15,0±2,0	140	15,0±2,0
SR 8N	50	130	85	117	M-16	42		900	17,0±2,0	185	17,0±2,0	
T	3376	60	30	25	24	M-08	20		60	5,0±1,0	8	5,0±1,0
	3230	60	60	36	37	M-10	25		250	7,0±1,0	40	7,0±1,0
	3231	60	60	43	38	M-10	25		250	9,0±1,0	30	9,0±1,0
MR-N	MR 0NM8	50	40	28	20	M-08	30	6	40	5,5±1,0	7	5,5±1,0
	MR 0N	50	40	28	20	M-10	25	7	40	5,5±1,0	7	5,5±1,0
	MR 2N	50	57	44	38	M-08	25	6	130	8,5±1,0	25	8,5±1,0
	MR 4N	50	60	60	48	M-10	25	7	150	10,0±1,0	20	10,0±1,0
	MR 5N	50	80	70	68	M-14	35	9	350	14,0±1,5	65	14,0±1,5
	MR 6N	50	95	76	76	M-16	42	14	450	15,0±2,0	75	15,0±2,0
	MR 7N	50	108	75	97	M-16	42	14	600	15,0±2,0	140	15,0±2,0
	MR 8N	50	130	85	117	M-16	42	14	900	17,0±2,0	185	17,0±2,0

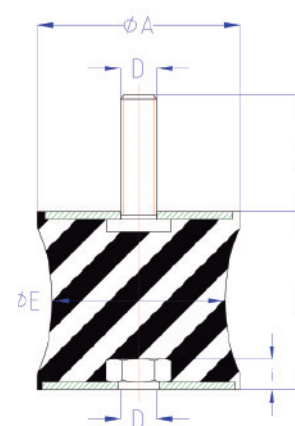
SR-N



T



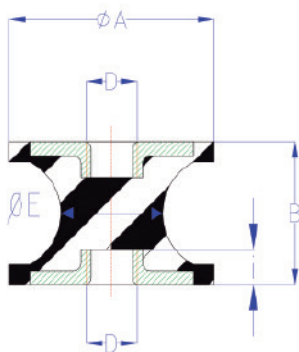
MR-N



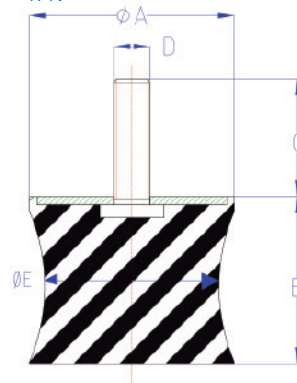
## DIABOLOS

	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		CIZALLA / SHEAR CISAILLEMENT / SCHERKRAFT		
		Sh	ØA	B	ØE	D	C	I	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.								kg.	mm.	kg.	mm.
HR-N	HRONM8	50	40	28	20	M-08		6	40	5,5±1,0	7	5,5±1,0
	HR 0-N	50	40	28	20	M-10		7	40	5,5±1,0	7	5,5±1,0
	HR 2-N	50	57	44	38	M-08		6	130	8,5±1,0	25	8,5±1,0
	HR 4-N	50	60	60	48	M-10		7	150	10,0±1,0	20	12,0±1,0
	3617	60	70	58	52	M-12		10	350	11,0±1,0	70	11,0±1,0
	3356	60	80	65	72	M-12		8.5	600	13,0±1,5	120	13,0±1,5
	HR 5-N	50	80	70	68	M-14		9	350	14,0±1,5	65	14,0±1,5
	3866 RED	60	90	50	82	M-12		8.5	850	10,0±1,0	170	10,0±1,0
	3866	60	90	80	79	M-12		8.5	750	16,0±2,0	130	16,0±1,5
	HR 6-N	50	95	76	76	M-16		14	450	15,0±2,0	75	15,0±2,0
	3867	60	105	85	91	M-14		11	1200	17,0±2,0	240	17,0±2,0
	HR 7-N	50	108	75	97	M-16		14	600	15,0±2,0	140	15,0±2,0
	HR 8-N	50	130	85	117	M-16		14	900	17,0±2,0	185	17,0±2,0
3868	60	130	95	117	M-16		14	1800	19,0±2,0	320	19,0±2,0	
R-N	R 4-N	50	60	57	48	M-10	25		150	10,0±1,0		
	R 5-N	50	80	65	68	M-14	35		350	14,0±1,5		
	R 6-N	50	95	73	76	M-16	42		450	15,0±2,0		
TH-N	TH 4-N	50	60	58	48	M-10		7	150	10,0±1,0		
	TH 5-N	50	80	65	68	M-14		9	350	14,0±1,5		
	TH 6-N	50	95	73	76	M-16		14	450	15,0±2,0		

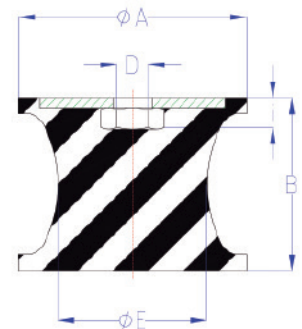
HR-N



R-N

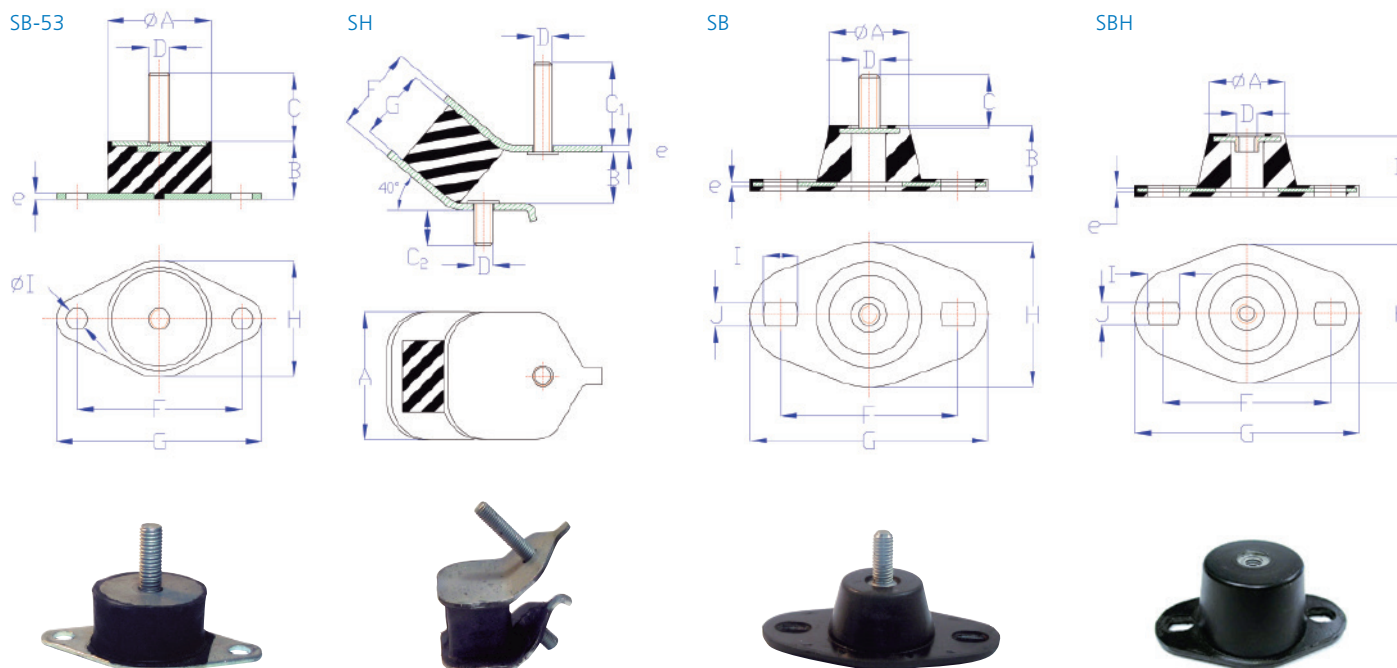


TH-N



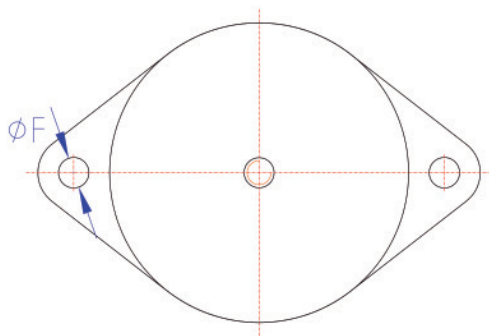
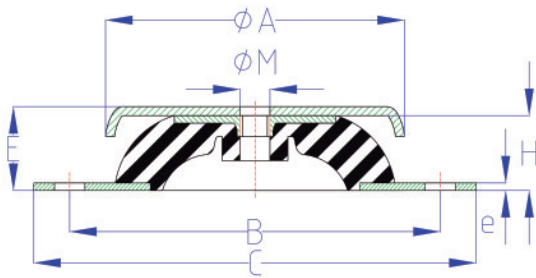
SB53 / SH / SB / SBH

SB-53	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		ØA	B	D	C	e	F	G	H	I	J	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.										kg.	mm.
	SB53 NR45 SB53 NR60 SB53 NR75	58	32	M-12	33	3	92	115	65	12		200 500 1000	7,0±1,0 7,0±1,0 7,0±1,0
SH	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		A	B	D	C1	C2	e	α	F	G		CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.										kg.	mm.
	SH53 NR45 SH53 NR60	54	21	M-08	35	15	3	40°	36	30		40 90	9,0±1,0
SB	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		ØA	B	D	C	e	F	G	H	I	J	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.										kg.	mm.
	SB35 NR45 SB35 NR60 SB45 NR45 SB45 NR60	30 40	25 35	M-08 M-08	20 20	1,5 1,5	67 67	90 90	55 55	13 13	9 9	50 100 90 200	4,5±1,0 4,5±1,0 7,0±1,0 7,0±1,0
SBH	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		ØA	B	D	C	e	F	G	H	I	J	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.										kg.	mm.
	SBH35 NR45 SBH35 NR60 SBH45 NR45 SBH45 NR60	30 40	25 35	M-08 M-08		1,5 1,5	67 67	90 90	55 55	13 13	9 9	50 100 90 200	4,5±1,0 4,5±1,0 7,0±1,0 7,0±1,0



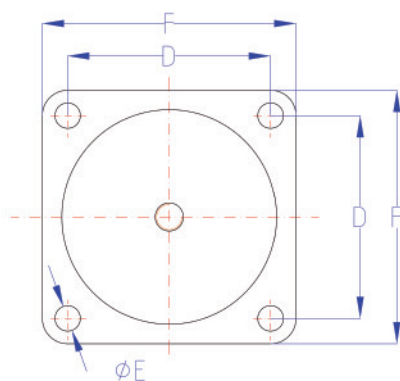
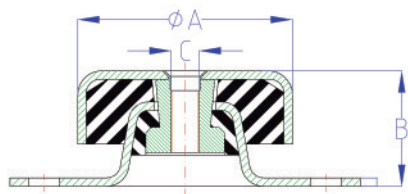
B

REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN									COMPRESION / COMPRESSION DRUCKBELASTUNG	
	ØA	H	E	B	C	M	ØF	e	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
	mm.									kg.	mm.
B045 + BAP040 NR35 B045 + BAP040 NR45 B045 + BAP040 NR60	40	18	20	52	64	M-06	6,2	2	2,5 5 10	2,5±0,5	
B065 + BAP060 NR45 B065 + BAP060 NR60 B065 + BAP060 NR75	60	22	24	76	90	M-06	6,2	2	15 25 50	3,5±0,5	
B085 + BAP080 NR45 B085 + BAP080 NR60 B085 + BAP080 NR75	80	25	27	100	120	M-08	8,2	2	40 80 120	4,5±0,5	
B105 + BAP100 NR45 B105 + BAP100 NR60 B105 + BAP100 NR75	100	25	28	124	148	M-10	10,2	2,5	75 160 220	4,5±1,0	
B155 + BAP150 NR45 B155 + BAP150 NR60 B155 + BAP150 NR75	150	35	40	182	214	M-14	11,8	4	130 300 400	7,0±1,5	
B205 + BAP200 NR45 B205 + BAP200 NR60 B205 + BAP200 NR75	200	40	44	240	280	M-18	15,0	5	500 850 1300	8,0±1,5	



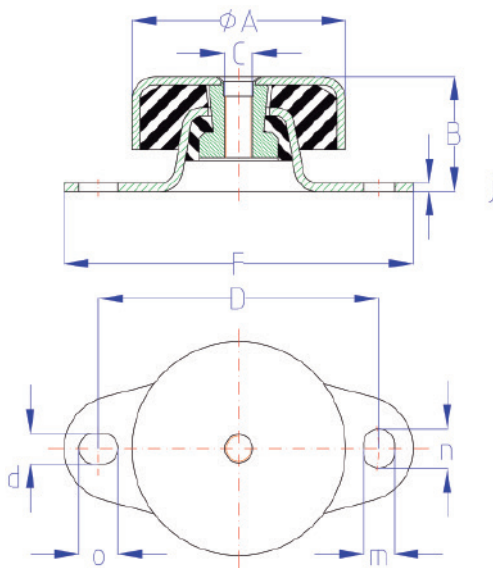
# SCM

	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN						CARGA ESTÁTICA / STATIC LOAD CHARGE STATIQUE / STATISCHE LAST		CARGA DINÁMICA / DYNAMIC LOAD / CHARGE DYNAMIQUE / DYNAMISCHE LAST		
		Sh	ØA	B	D	C	ØE	F	j	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
			mm.						kg.	mm.	kg.	mm.	
SCM	SCM060 NR	35								35	3,0±0,5	25	2,0±0,5
	SCM060 NR	45								60	3,0±0,5	45	2,0±0,5
	SCM060 NR	60								125	3,0±0,5	100	2,0±0,5
	SCM060 NR	75	50	28	50	M-08	6	60	1,5	200	3,0±0,5	150	2,0±0,5
	SCM060 VMQ	45								75	3,0±0,5	50	2,0±0,5
	SCM060 VMQ	60								100	3,0±0,5	75	2,0±0,5
	SCM060 VMQ	75								150	3,0±0,5	120	2,0±0,5
	SCP120L VMQ	55								170	3,5±0,5	100	2,5±0,5
	SCP120L VMQ	65	76	38	63,5	M-10	6,5	76	3	375	3,5±0,5	200	2,5±0,5
	SCP120L VMQ	75								575	3,5±0,5	300	2,5±0,5
	SCM120 NR	45								80	3,5±0,5	60	2,5±0,5
	SCM120 NR	60								200	3,5±0,5	150	2,5±0,5
	SCM120 NR	75								300	3,5±0,5	225	2,5±0,5
	SCM120 VMQ	45	76	41	72	M-10	9	90	3	80	3,5±0,5	60	2,5±0,5
	SCM120 VMQ	60								160	3,5±0,5	120	2,5±0,5
	SCM120 VMQ	75								250	3,5±0,5	180	2,5±0,5
	SCM220 NR	45								170	4,5±0,5	130	3,5±0,5
	SCM220 NR	60								300	4,5±0,5	225	3,5±0,5
	SCM220 NR	75								450	4,5±0,5	330	3,5±0,5
	SCM220 VMQ	45	92	53	90	M-12	11	114	3	130	4,5±0,5	100	3,5±0,5
	SCM220 VMQ	60								220	4,5±0,5	165	3,5±0,5
	SCM220 VMQ	75								350	4,5±0,5	265	3,5±0,5
	SCM420 NR	45								350	6,5±1,0	250	4,5±1,0
	SCM420 NR	60								800	6,5±1,0	550	4,5±1,0
SCM420 NR	75								1400	6,5±1,0	900	4,5±1,0	
SCM420 VMQ	45	124	78	114	M-16	13	144	4	350	6,5±1,0	250	4,5±1,0	
SCM420 VMQ	60								800	6,5±1,0	550	4,5±1,0	
SCM420 VMQ	75								1100	6,5±1,0	750	4,5±1,0	



# SCM

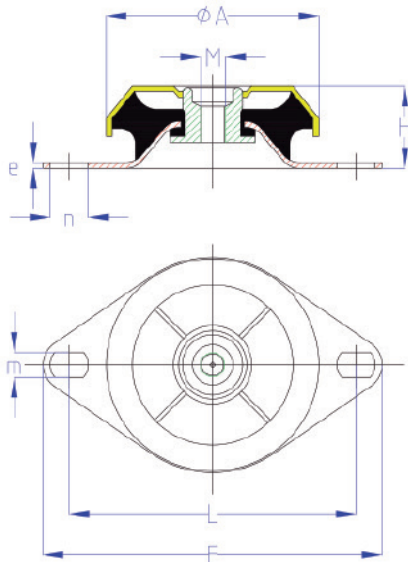
	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN										CARGA ESTÁTICA / STATIC LOAD CHARGE STATIQUE / STATISCHE LAST		CARGA DINÁMICA / DYNAMIC LOAD / CHARGE DYNAMIQUE / DYNAMISCHE LAST	
	Sh	ØA	B	D	C	F	j	m	n	o	d	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
	mm.										kg.	mm.	kg.	mm.		
SCM	SCM125 NR	45										80	3,5±0,5	60	2,5±0,5	
	SCM125 NR	60										200	3,5±0,5	150	2,5±0,5	
	SCM125 NR	75										300	3,5±0,5	225	2,5±0,5	
	SCM125 VMQ	45	76	41	100	M-10	124	3	11	14	14	11	80	3,5±0,5	60	2,5±0,5
	SCM125 VMQ	60										160	3,5±0,5	120	2,5±0,5	
	SCM125 VMQ	75										250	3,5±0,5	180	2,5±0,5	
	SCM225 NR	45											170	4,5±0,5	130	3,5±0,5
	SCM225 NR	60											300	4,5±0,5	225	3,5±0,5
	SCM225 NR	75											450	4,5±0,5	330	3,5±0,5
	SCM225 VMQ	45	92	53	140	M-12	183	3	13	30	20	13	130	4,5±0,5	100	3,5±0,5
	SCM225 VMQ	60											220	4,5±0,5	165	3,5±0,5
	SCM225 VMQ	75											350	4,5±0,5	265	3,5±0,5
	SCM325 NR	45											120	4,5±0,5	95	3,5±0,5
	SCM325 NR	60											210	4,5±0,5	160	3,5±0,5
	SCM325 NR	75											330	4,5±0,5	260	3,5±0,5
	SCM325 VMQ	45	92	53	115	M-12	140	3	11	11	11	11	130	4,5±0,5	100	3,5±0,5
	SCM325 VMQ	60											220	4,5±0,5	165	3,5±0,5
	SCM325 VMQ	75											350	4,5±0,5	265	3,5±0,5
	SCM425 NR	45											350	6,5±1,0	250	4,5±1,0
	SCM425 NR	60											800	6,5±1,0	550	4,5±1,0
	SCM425 NR	75											1400	6,5±1,0	900	4,5±1,0
	SCM425 VMQ	45	124	78	182	M-16	230	4	18	34	26	18	350	6,5±1,0	250	4,5±1,0
	SCM425 VMQ	60											800	6,5±1,0	550	4,5±1,0
	SCM425 VMQ	75											1100	6,5±1,0	750	4,5±1,0



SCC

REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN									COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	ØA	H	L	M	F	e	m	n	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.									kg.	mm.
SCC080	35	83	36	110	M-10	135	3	11,5	15	80	4,5±1,0
SCC080	45									130	4,5±1,0
SCC080	60									175	4,5±1,0
SCC080	75									230	3,5±1,0
SCC080	35	83	36	110	M-12	135	3	11,5	15	80	4,5±1,0
SCC080	45									130	4,5±1,0
SCC080	60									175	4,5±1,0
SCC080	75									230	3,5±1,0
SCC095	35	92	34	123	M-10	150	3	10,0	15	200	5,0±1,0
SCC095	45									300	5,0±1,0
SCC095	60									600	5,0±1,0
SCC095	75									900	5,0±1,0
SCC095	35	92	34	123	M-12	150	3	10,0	15	200	5,0±1,0
SCC095	45									300	5,0±1,0
SCC095	60									600	5,0±1,0
SCC095	75									900	5,0±1,0
SCC110	35	106	41	143	M-12	169	3	12,5	19	200	7,0±1,0
SCC110	45									340	7,0±1,0
SCC110	60									420	7,0±1,0
SCC110	65									425	5,0±1,0
SCC110	75									800	5,0±1,0
SCC110	35	106	41	143	M-16	169	3	12,5	19	200	7,0±1,0
SCC110	45									340	7,0±1,0
SCC110	60									420	7,0±1,0
SCC110	65									425	5,0±1,0
SCC110	75									800	5,0±1,0
SCC150	35	150	54	182	M-16	218	4	14,0	18	450	9,0±1,5
SCC150	45									600	9,0±1,5
SCC150	60									800	8,0±1,5
SCC150	65									1000	8,0±1,5
SCC150	75									1000	6,0±1,5

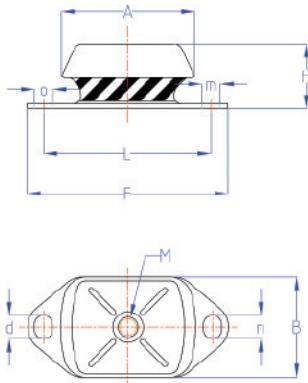
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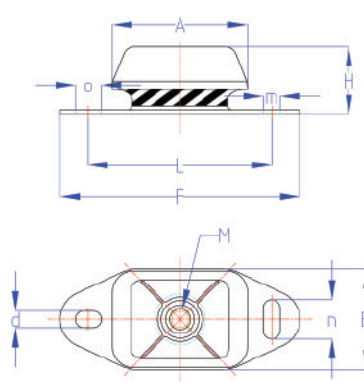
SCR

SCR	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	ØA	B	H	M	L	F	m	n	o	d	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.												kg.	mm.
	SCR100	40	80	60	38	M 12	100	120	11	14	11	14	35	4,0±1,0
	SCR100	45	80	60	38	M 12	100	120	11	14	11	14	45	4,0±1,0
	SCR100	55	80	60	38	M 12	100	120	11	14	11	14	70	4,0±1,0
	SCR100	65	80	60	38	M 12	100	120	11	14	11	14	100	4,0±1,0
	SCR140	35	103,5	75	52	M 16	140	140	13	30	20	13	80	5,0±1,0
	SCR140	45	103,5	75	52	M 16	140	140	13	30	20	13	110	5,0±1,0
	SCR140	55	103,5	75	52	M 16	140	140	13	30	20	13	160	5,0±1,0
	SCR140	65	103,5	75	52	M 16	140	140	13	30	20	13	275	5,0±1,0
	SCR140	75	103,5	75	52	M 16	140	140	13	30	20	13	500	5,0±1,0
	SCR182	35	132	112	71	M 20	182	182	18	30	26	18	225	6,0±1,0
	SCR182	45	132	112	71	M 20	182	182	18	30	26	18	400	6,0±1,0
	SCR182	55	132	112	71	M 20	182	182	18	30	26	18	700	6,0±1,0
	SCR182	65	132	112	71	M 20	182	182	18	30	26	18	800	6,0±1,0
	SCR182	75	132	112	71	M 20	182	182	18	30	26	18	1200	6,0±1,0

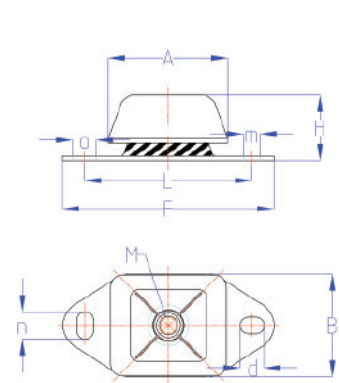
SCR100



SCR140



SCR182



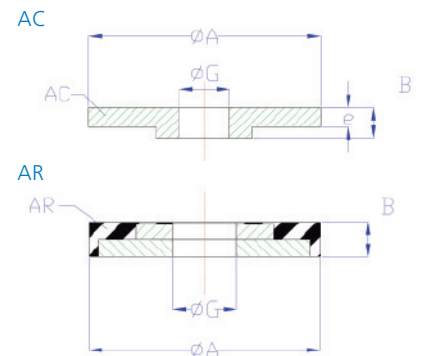
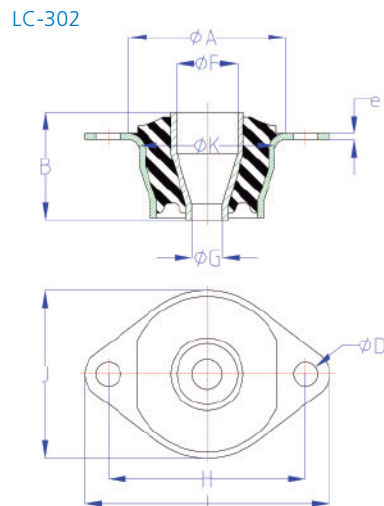
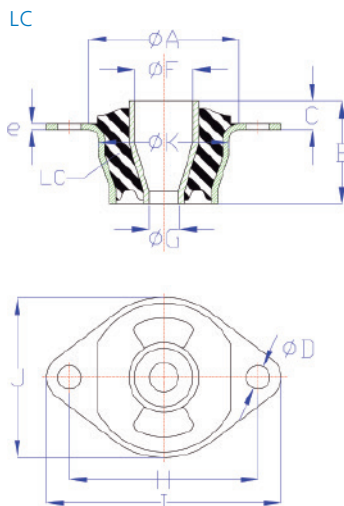


LC

LC	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN										CARGA ESTÁTICA / STATIC LOAD CHARGE STATIQUE / STATISCHE LAST		RELACIÓN RIGIDEZ STIFFNESS RATIO RELATION RIGIDITE STEIFIGKEITSVERHÄLTNIS		
	Sh	ØA	B	ØD	C	e	ØF	ØG	H	I	J	ØK	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	Kx	Ky	Kz
	mm.												kg.	mm.			
LC102	35												50	3,5±0,5	1	1,1	1,9
	45												80	3,5±0,5	1	1,1	1,9
	55	66	45	10,3	12	2,5	25,5	12,8	82,5	102	70	57	120	3,5±0,5	1	1,1	1,9
	65												170	3,5±0,5	1	1,1	1,9
	75												215	3,5±0,5	1	1,1	1,9
LC122	35												95	4,5±0,5	1	1,1	1,9
	45												125	4,5±0,5	1	1,1	1,9
	55	70	50	10,4	16	3	25,5	12,8	100	122	75	57	150	4,5±0,5	1	1,1	1,9
	65												260	4,5±0,5	1	1,1	1,9
	75												375	4,5±0,5	1	1,1	1,9
LC170	35												180	6,0±1,0	1	1,1	1,9
	45												240	6,0±1,0	1	1,1	1,9
	55	95	70	13,0	18	3	34,0	22,0	141	170	100	74	350	6,0±1,0	1	1,1	1,9
	65												540	6,0±1,0	1	1,1	1,9
	75												700	6,0±1,0	1	1,1	1,9
LC302	35												55	3,5±0,5	1	1,9	1,9
	45												100	3,5±0,5	1	1,9	1,9
	55	66	45	10,3	12	2,5	25,5	12,8	82,5	102	70	57	140	3,5±0,5	1	1,9	1,9
	65												180	3,5±0,5	1	1,9	1,9
	75												350	3,5±0,5	1	1,9	1,9

AC	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			
	Sh	ØA	B	e	ØG	
	mm.					
	AC102	60	8	5	13	
	AC170	75	8	5	21	
AR	AR102	47	6,5		13	
	AR170	62	7		23	

Arandelas de centraje y de rebote  
Overload and rebound washers  
Rondelles progressives et de rebond  
Überlastungs- und Rückstosscheiben



SC	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN						DUREZA / HARDNESS DURETÉ / HÄRTEN 45 Shöre		DUREZA / HARDNESS DURETÉ / HÄRTEN 60 Shöre		DUREZA / HARDNESS DURETÉ / HÄRTEN 75 Shöre		
	Fig.		ØA	B	C	D	ØE	ØF	G	CARGA LOAD CHARGE LAST	FLECHA DEFLECTION FLECHE FEDERWEG	CARGA LOAD CHARGE LAST	FLECHA DEFLECTION FLECHE FEDERWEG	CARGA LOAD CHARGE LAST	FLECHA DEFLECTION FLECHE FEDERWEG
	mm.														
	SC-00	2	32	28	13,5	11	8,25	26	6	20	1,5±0,2	30	1,2±0,2	40	0,8±0,1
	SC-02	1	48	51	25,5	18	12,50	38	7	65	2,5±0,5	85	2,0±0,5	110	2,0±0,5
	SC-20	1	70	55	30,5	19	18,50	56	10	100	3,5±0,5	150	3,0±0,5	180	2,5±0,5
	SC-21	1	70	70	30,5	19	18,50	56	10	125	3,5±0,5	200	3,0±0,5	250	2,5±0,5
	SC-40	1	100	90	45	28	22,50	74	16	200	5,0±0,5	350	4,5±0,5	400	3,5±0,5
	SC-41	1	100	110	52	28	22,50	74	16	225	5,0±0,5	375	5,0±0,5	450	3,5±0,5
	SC-70 red	1	165	98	40	46	60,20	119	27,5	450	6,5±1,0	800	5,5±1,0	1000	3,5±0,5
	SC-70	1	165	140	70	46	60,20	119	27,5	450	6,5±1,0	900	5,5±1,0	1100	3,5±0,5

Fig. 1

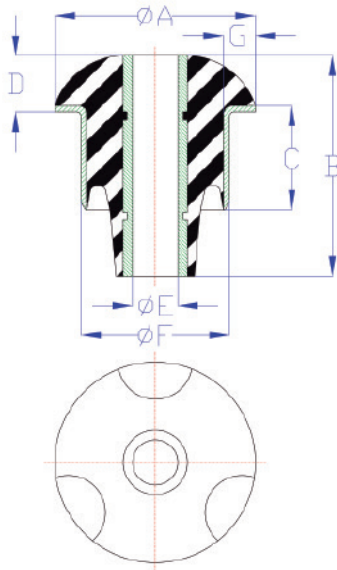
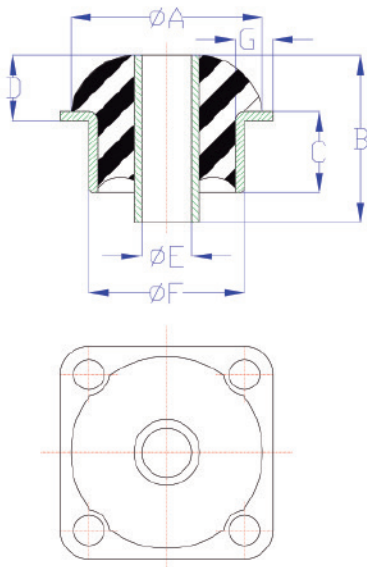


Fig. 2

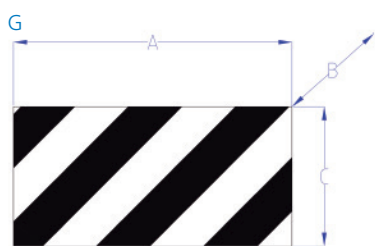


AMORTIGUADORES / ANTIVIBRATION MOUNTS / AMORTISSEURS / SCHWINGUNGSDÄMPFER

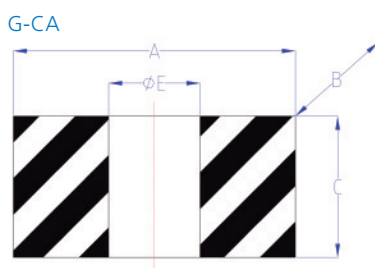
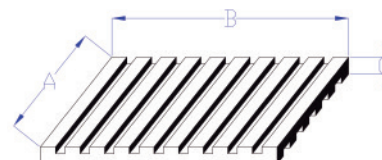
G	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	A	B	C	D	ØE	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.							kg.	mm.
	<b>G051</b>	60	50	50	15			250	3,0±0,5
	<b>G512</b>	60	50	50	15		20	200	3,0±0,5
	<b>G052</b>	60	50	50	20			250	4,0±0,5
	<b>G522</b>	60	50	50	20		20	200	4,0±0,5
	<b>G070</b>	60	70	70	35			600	7,0±1,0
	<b>G080</b>	60	80	80	45	30		900	9,0±1,0
	<b>G082</b>	60	80	80	25			900	5,0±1,0
	<b>G823</b>	60	80	80	25		30	750	5,0±1,0
	<b>G085</b>	60	80	80	35			900	7,0±1,0
	<b>G853</b>	60	80	80	35		30	750	7,0±1,0
	<b>G106</b>	60	100	100	60			1400	12,0±1,5
	<b>G1064</b>	60	100	100	60		40	1200	12,0±1,5

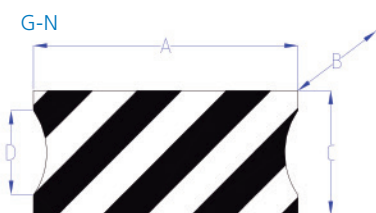
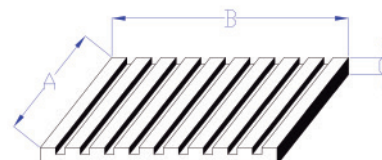
ALF	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		SH	A	B	C			
	mm.							kg.
	<b>ALF300</b>	60	300	300	8		1000	1,6±0,5
	<b>ALF400</b>	60	400	400	12		2000	2,4±0,5



ALF 300



ALF 400



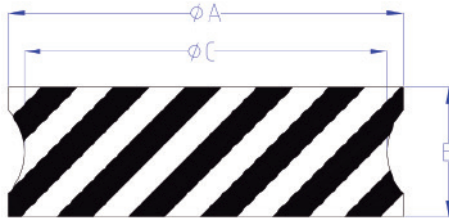
AMORTIGUADORES / ANTIVIBRATION MOUNTS / AMORTISSEURS / SCHWINGUNGSDÄMPFER

G	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		SH	ØA	B	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.				kg.	mm.
	<b>G3870</b>	60	140	45	127	2000	9,0±1,0
	<b>G3869</b>	60	150	46	138	2500	9,0±1,0

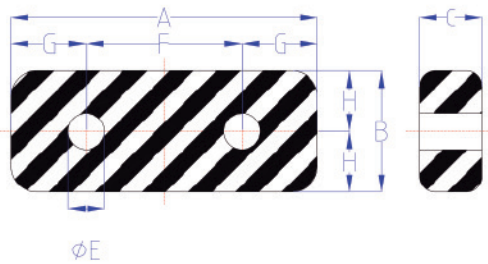
  

G	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN						COMPRESION / COMPRESSION DRUCKBELASTUNG		
		A	B	C	ØE	F	G	H	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.						kg.	mm.	
	<b>G3871-60SH</b>	295	117	60	35	150	72,5	59	7000	12,0±1,5

G3870-G3869

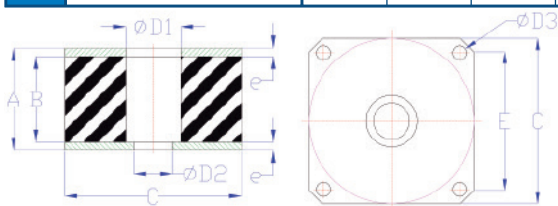


G3871

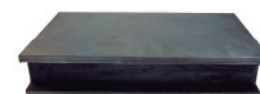
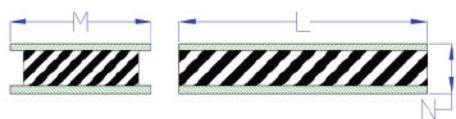


AMORTIGUADORES / ANTIVIBRATION MOUNTS / AMORTISSEURS / SCHWINGUNGSDÄMPFER

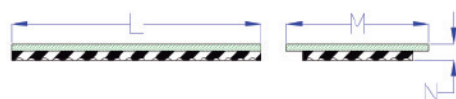
P	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN							COMPRESION / COMPRESSION DRUCKBELASTUNG		
		A	B	C	ØD3	E	ØD2	ØD1	e	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm							kg.	mm.	
	<b>P</b>	93	77	160	14	132	35	50	8	2500	15,0±2,0



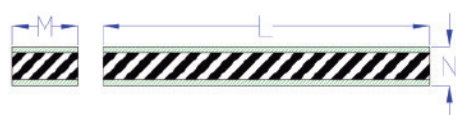
M	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		SH	L	M	N	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.				kg.	mm.
	<b>M</b>	60	350	200	70	10000	10,0±1,0



ANT.M	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		SH	L	M	N	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.				kg.	mm.
	<b>ANT.M</b>	60	350	200	22	7000	3,0±0,5



B	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG	
		SH	L	M	N	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
		mm.				kg.	mm.
	<b>B</b>	45	500	100	60	3800	8,0±1,0
	<b>B</b>	60	500	100	60	6250	8,0±1,0
	<b>B</b>	75	500	100	60	12000	8,0±1,0

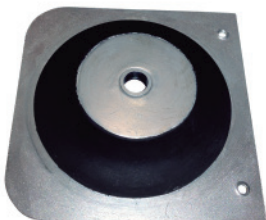
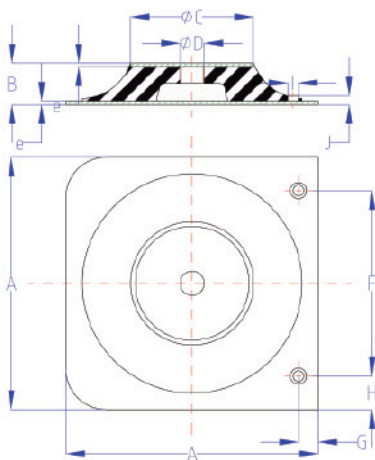


RTK / OP

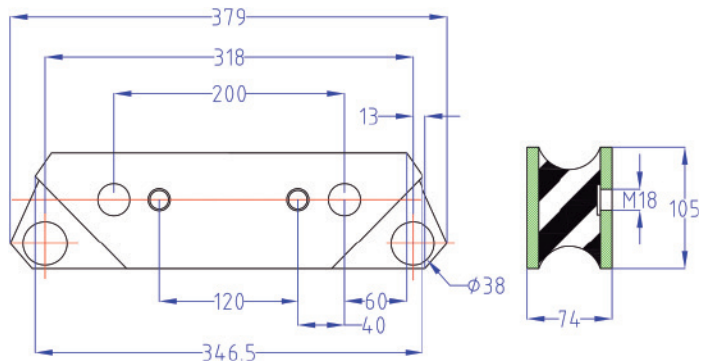
RTK	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN										COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	A	B	ØC	ØD	e	F	G	H	I	J	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.												kg.	mm.
	RTK58517/2	60	190	32	93	18,2	3	140	15	25	M-8	5	1200	6,5±1,0
RTK58517	75	190	45	93	18,2	3	140	15	25	M-8	5	2000	9,0±1,0	

OP	REF / ART.NR		COMPRESION / COMPRESSION DRUCKBELASTUNG	
			CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
			kg.	mm.
	OP37974		4000	10,0±1,0

RTK

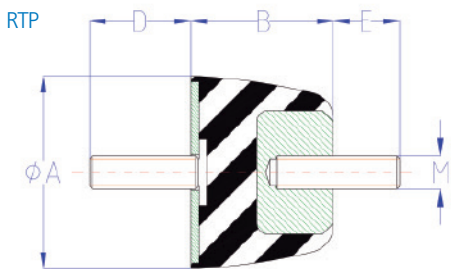


OP

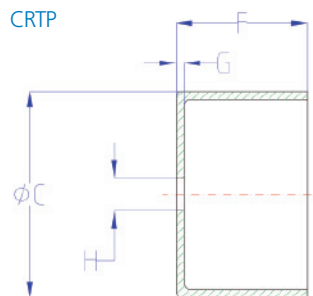


RTP

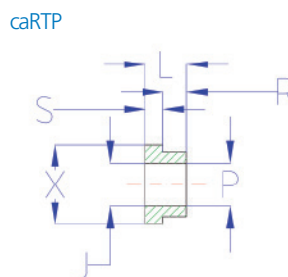
RTP	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG	
		Sh	ØA	B	M	D	E	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG
	mm.							kg.	mm.
	<b>RTP 2</b>	60	84	52	M-12	32	30	600	5,0±0,5
	<b>RTP 4</b>	60	120	75	M-16	50	35	1500	9,0±1,5
	<b>RTP 6</b>	60	220	136	M-24	80	57	4500	14,0±1,5



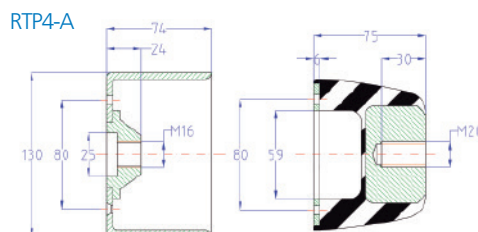
CRTP	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			
	CAMPANA / METAL CUP CLOCHE / METALLKAPPE	ØC	F	ØH	G	
	mm.					
	<b>RTP 2</b>	90	50	12	3	
	<b>RTP 4</b>	130	76	16	5	
	<b>RTP 6</b>	246	140	14	8	



caRTP	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				
	CASQUILLO DE CENTRAJE METAL BUSH / DOUILLE METALLBUCHSE	ØX	ØJ	ØP	L	R	S
	mm.						
	<b>RTP 2</b>	25	12	20	13	9	4
	<b>RTP 4</b>	35	16	25	24	18	6

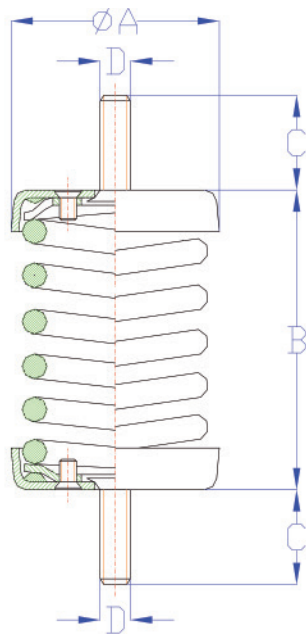


RTP4-A	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN	
		RTP 4-A	CARGA / LOAD CHARGE / LAST	
		<b>RTP 4-A</b>	Kg. 1500	



## N T2 / M T2

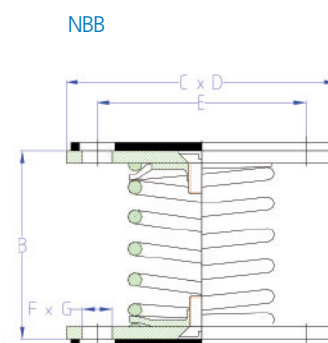
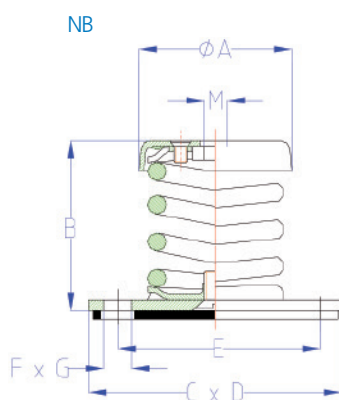
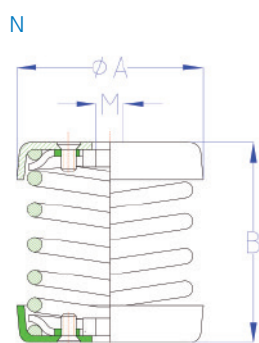
	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		ØA	B	D	C	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
		mm.				kg.	mm.	kg./cm
N T2	N10 T2	55	59	M-08	25	10	11±2,0	9,09
	N15 T2	55	59	M-08	25	15	11±2,0	13,64
	N25 T2	55	59	M-08	25	25	11±2,0	22,73
	N50 T2	55	59	M-08	25	50	11±2,0	45,45
	N75 T2	55	59	M-08	25	75	11±2,0	68,18
	N100 T2	55	59	M-08	25	100	11±2,0	90,91
	N150 T2	73	91	M-12	33	150	13±2,0	115,38
	N250 T2	73	91	M-12	33	250	13±2,0	192,31
	N350 T2	73	91	M-12	33	350	13±2,0	269,23
M T2	M25 T2	55	79	M-08	25	25	20±2,0	12,50
	M50 T2	55	79	M-08	25	50	20±2,0	25,00
	M75 T2	55	79	M-08	25	75	20±2,0	37,50
	M100 T2	55	79	M-08	25	100	20±2,0	50,00
	M125 T2	55	79	M-08	25	125	20±2,0	62,50
	M150 T2	73	120	M-12	33	150	30±3,0	50,00
	M200 T2	73	120	M-12	33	200	30±3,0	66,67
	M250 T2	73	120	M-12	33	250	30±3,0	83,33
	M350 T2	73	120	M-12	33	350	30±3,0	116,67
	M450 T2	73	120	M-12	33	450	30±3,0	150,00
	M550 T2	73	120	M-12	33	550	30±3,0	183,33





## METÁLICOS / RESSORTS / SPRINGS / FEDERISOLATOREN N (10 - 350 kg.)

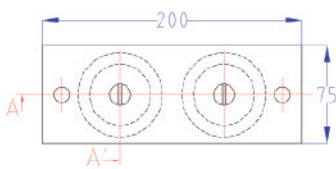
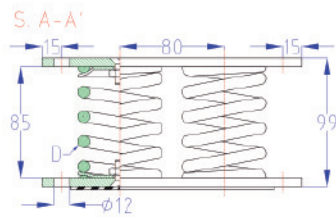
REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN								COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT	
	ØA	B	C	D	E	F	G	M	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG		
	mm.								kg.	mm.	kg./cm	
<b>N10</b>	55	59						8	10	11±2,0	9,09	
<b>N15</b>	55	59						8	15	11±2,0	13,64	
<b>N25</b>	55	59						8	25	11±2,0	22,73	
<b>N50</b>	55	59						8	50	11±2,0	45,45	
<b>N75</b>	55	59						8	75	11±2,0	68,18	
<b>N100</b>	55	59						8	100	11±2,0	90,91	
<b>N150</b>	73	91						12	150	13±2,0	115,39	
<b>N250</b>	73	91						12	250	13±2,0	192,31	
<b>N350</b>	73	91						12	350	13±2,0	269,23	
<b>Z</b>	<b>N10 B</b>	55	61	90	55	70	10	10	8	10	11±2,0	9,09
	<b>N15 B</b>	55	61	90	55	70	10	10	8	15	11±2,0	13,64
	<b>N25 B</b>	55	61	90	55	70	10	10	8	25	11±2,0	22,73
	<b>N50 B</b>	55	61	90	55	70	10	10	8	50	11±2,0	45,45
	<b>N75 B</b>	55	61	90	55	70	10	10	8	75	11±2,0	68,18
	<b>N100 B</b>	55	61	90	55	70	10	10	8	100	11±2,0	90,91
	<b>N150 B</b>	73	94	110	75	89	11	10	12	150	13±2,0	115,38
	<b>N250 B</b>	73	94	110	75	89	11	10	12	250	13±2,0	192,31
<b>N350 B</b>	73	94	110	75	89	11	10	12	350	13±2,0	269,23	
	<b>N10 BB</b>		63	90	55	70	10	10	8	10	11±2,0	9,09
	<b>N15 BB</b>		63	90	55	70	10	10	8	15	11±2,0	13,64
	<b>N25 BB</b>		63	90	55	70	10	10	8	25	11±2,0	22,73
	<b>N50 BB</b>		63	90	55	70	10	10	8	50	11±2,0	45,45
	<b>N75 BB</b>		63	90	55	70	10	10	8	75	11±2,0	68,18
	<b>N100 BB</b>		63	90	55	70	10	10	8	100	11±2,0	90,91
	<b>N150 BB</b>		95	110	75	89	11	10	12	150	13±2,0	115,38
	<b>N250 BB</b>		95	110	75	89	11	10	12	250	13±2,0	192,31
<b>N350 BB</b>		95	110	75	89	11	10	12	350	13±2,0	269,23	



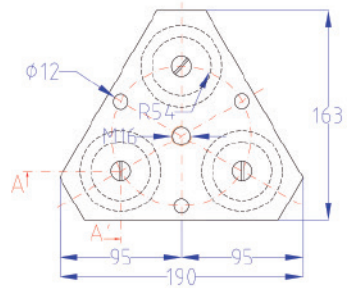
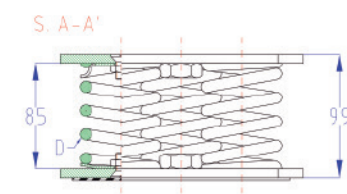
2N / 3N / 4N (300 - 1400 kg.)

	REF / ART.NR	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLÈCHE / FEDERWEG	CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
2N	2N 300	300	13±2,0	230,77
	2N 500	500	13±2,0	384,62
	2N 700	700	13±2,0	538,46
3N	3N 450	450	13±2,0	346,15
	3N 750	750	13±2,0	576,92
	3N 1050	1050	13±2,0	807,69
4N	4N 600	600	13±2,0	461,54
	4N 1000	1000	13±2,0	769,23
	4N 1400	1400	13±2,0	1076,92

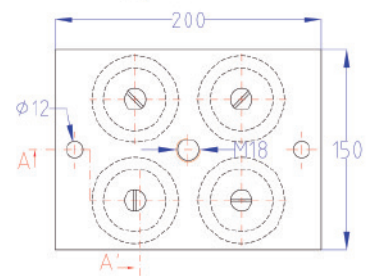
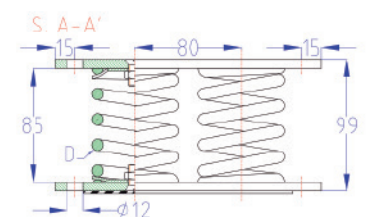
2N



3N



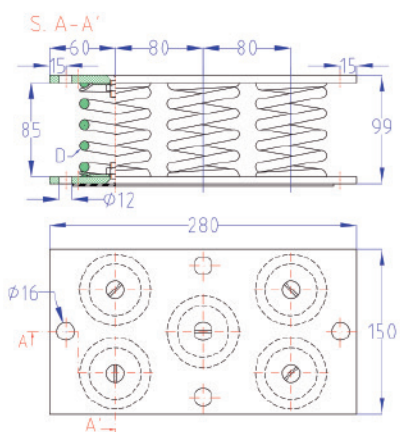
4N



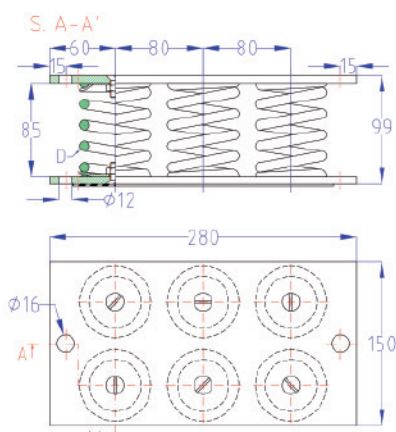
5N / 6N / 9N (750 - 3150 kg.)

	REF / ART.NR	CARGA / LOAD	FLECHA / DEFLECTION	CONSTANTE / STIFFNESS
		CHARGE / LAST	FLÈCHE / FEDERWEG	RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
5N	5N 750	750	13±2,0	576,92
	5N 1250	1250	13±2,0	961,54
	5N 1750	1750	13±2,0	1346,15
6N	6N 900	900	13±2,0	692,31
	6N 1500	1500	13±2,0	1153,85
	6N 2100	2100	13±2,0	1615,38
9N	9N 1350	1350	13±2,0	1038,46
	9N 2250	2250	13±2,0	1730,77
	9N 3150	3150	13±2,0	2423,08

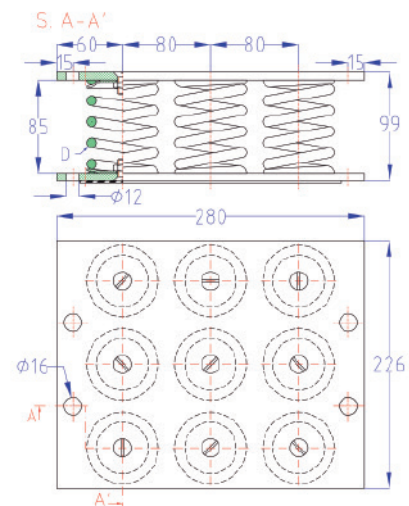
5N



6N

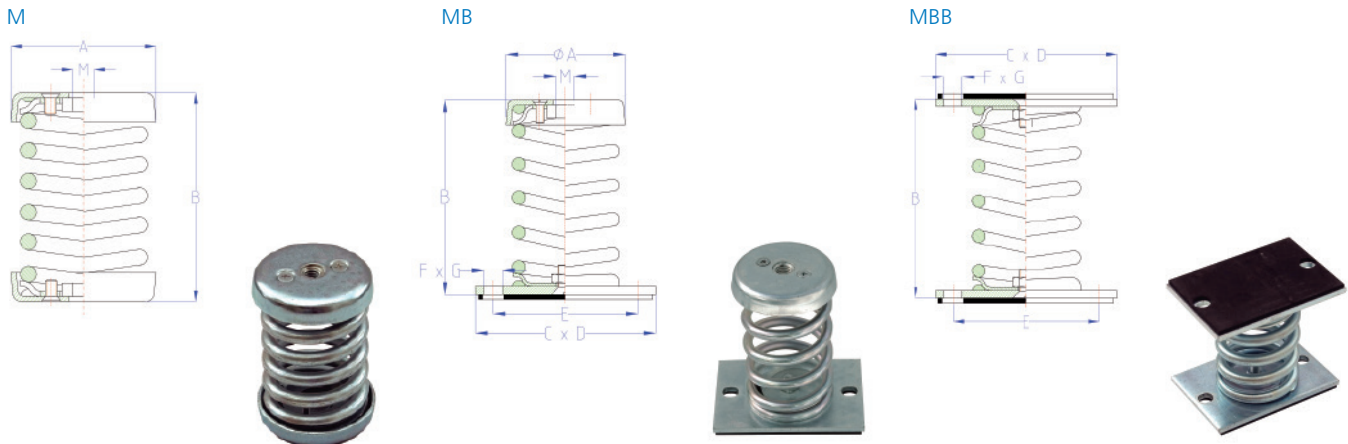


9N



METÁLICOS / RESSORTS / SPRINGS / FEDERISOLATOREN M (25 - 550 kg.)

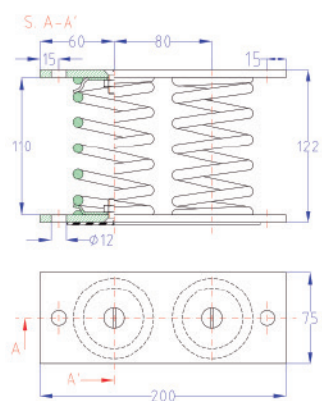
REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN								COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
	ØA	B	C	D	E	F	G	M	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
	mm.								kg.	mm.	kg./cm
<b>M25</b>	55	79						8	25	20±2,0	12,50
<b>M50</b>	55	79						8	50	20±2,0	25,00
<b>M75</b>	55	79						8	75	20±2,0	37,50
<b>M100</b>	55	79						8	100	20±2,0	50,00
<b>M125</b>	55	79						8	125	20±2,0	62,50
<b>M150</b>	73	116						12	150	30±3,0	50,00
<b>M200</b>	73	116						12	200	30±3,0	66,67
<b>M250</b>	73	116						12	250	30±3,0	83,33
<b>M350</b>	73	116						12	350	30±3,0	116,67
<b>M450</b>	73	116						12	450	30±3,0	150,00
<b>M550</b>	73	116						12	550	30±3,0	183,33
<b>M25 B</b>	55	81	90	55	70	10	10	8	25	20±2,0	12,50
<b>M50 B</b>	55	81	90	55	70	10	10	8	50	20±2,0	25,00
<b>M75 B</b>	55	81	90	55	70	10	10	8	75	20±2,0	37,50
<b>M100 B</b>	55	81	90	55	70	10	10	8	100	20±2,0	50,00
<b>M125 B</b>	55	81	90	55	70	10	10	8	125	20±2,0	62,50
<b>M150 B</b>	73	119	110	75	89	11	10	12	150	30±3,0	50,00
<b>M200 B</b>	73	119	110	75	89	11	10	12	200	30±3,0	66,67
<b>M250 B</b>	73	119	110	75	89	11	10	12	250	30±3,0	83,33
<b>M350 B</b>	73	119	110	75	89	11	10	12	350	30±3,0	116,67
<b>M450 B</b>	73	119	110	75	89	11	10	12	450	30±3,0	150,00
<b>M550 B</b>	73	119	110	75	89	11	10	12	550	30±3,0	183,33
<b>M25 BB</b>		83	90	55	70	10	10		25	20±2,0	12,50
<b>M50 BB</b>		83	90	55	70	10	10		50	20±2,0	25,00
<b>M75 BB</b>		83	90	55	70	10	10		75	20±2,0	37,50
<b>M100 BB</b>		83	90	55	70	10	10		100	20±2,0	50,00
<b>M125 BB</b>		83	90	55	70	10	10		125	20±2,0	62,50
<b>M150 BB</b>		120	110	75	89	11	10		150	30±3,0	50,00
<b>M200 BB</b>		120	110	75	89	11	10		200	30±3,0	66,67
<b>M250 BB</b>		120	110	75	89	11	10		250	30±3,0	83,33
<b>M350 BB</b>		120	110	75	89	11	10		350	30±3,0	116,67
<b>M450 BB</b>		120	110	75	89	11	10		450	30±3,0	150,00
<b>M550 BB</b>		120	110	75	89	11	10		550	30±3,0	183,33



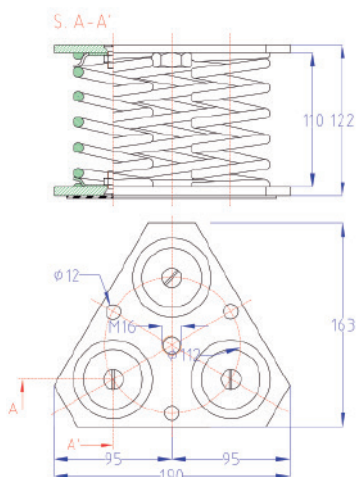
2M / 3M / 4M (300 - 2200 kg.)

	REF / ART.NR	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLÈCHE / FEDERWEG	CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
2M	2M 300	300	30±3,0	100,00
	2M 400	400	30±3,0	130,33
	2M 500	500	30±3,0	166,67
	2M 700	700	30±3,0	233,33
	2M 900	900	30±3,0	300,00
	2M 1100	1100	30±3,0	366,66
3M	3M 450	450	30±3,0	150,00
	3M 600	600	30±3,0	200,00
	3M 750	750	30±3,0	250,00
	3M 1050	1050	30±3,0	350,00
	3M 1350	1350	30±3,0	450,00
	3M 1650	1650	30±3,0	550,00
4M	4M 600	600	30±3,0	200,00
	4M 800	800	30±3,0	266,67
	4M 1000	1000	30±3,0	333,33
	4M 1400	1400	30±3,0	466,67
	4M 1800	1800	30±3,0	600,00
	4M 2200	2200	30±3,0	733,33

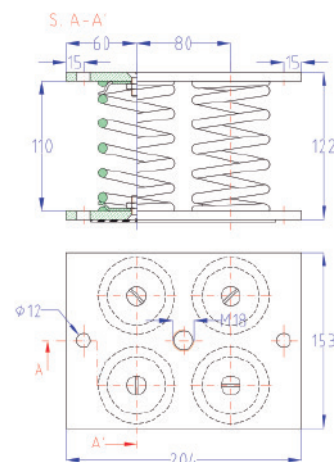
2M



3M



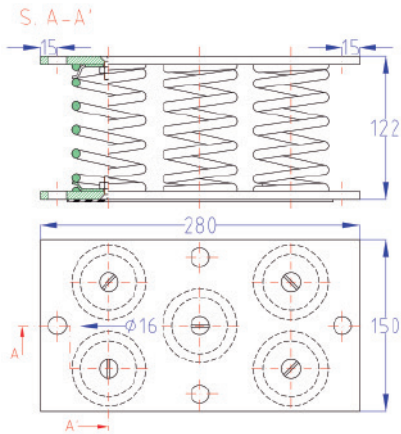
4M



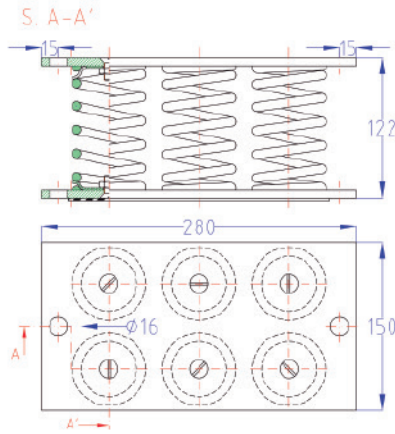
5M / 6M / 9M (750 - 4950 kg.)

	REF / ART.NR	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLÈCHE / FEDERWEG	CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
5M	5M 750	750	30±3,0	250,00
	5M 1000	1000	30±3,0	333,33
	5M 1250	1250	30±3,0	416,67
	5M 1750	1750	30±3,0	583,33
	5M 2250	2250	30±3,0	750,00
	5M 2750	2750	30±3,0	916,67
6M	6M 900	900	30±3,0	300,00
	6M 1200	1200	30±3,0	400,00
	6M 1500	1500	30±3,0	500,00
	6M 2100	2100	30±3,0	700,00
	6M 2700	2700	30±3,0	900,00
	6M 3300	3300	30±3,0	1100,00
9M	9M 1350	1350	30±3,0	450,00
	9M 1800	1800	30±3,0	600,00
	9M 2250	2250	30±3,0	750,00
	9M 3150	3150	30±3,0	1050,00
	9M 4050	4050	30±3,0	1350,00
	9M 4950	4950	30±3,0	1650,00

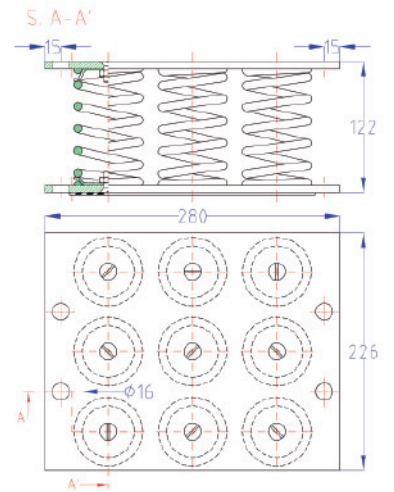
5M



6M

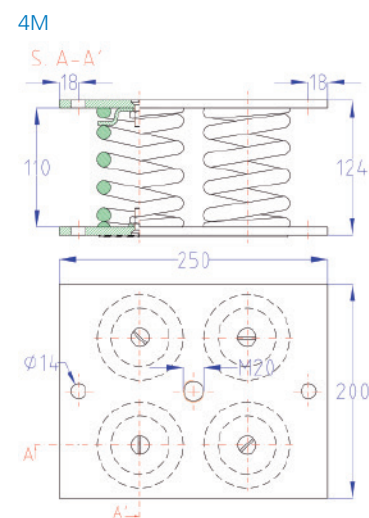
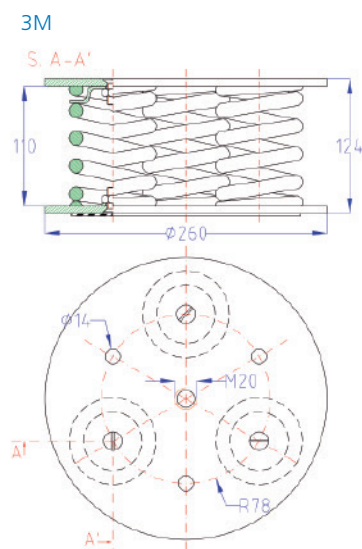
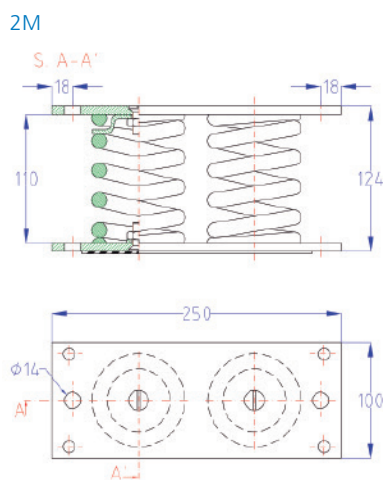
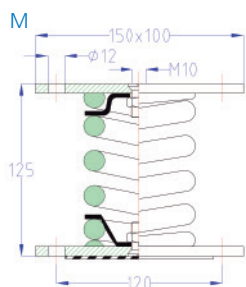


9M



M / 2M / 3M / 4M (500 - 3000 kg.)

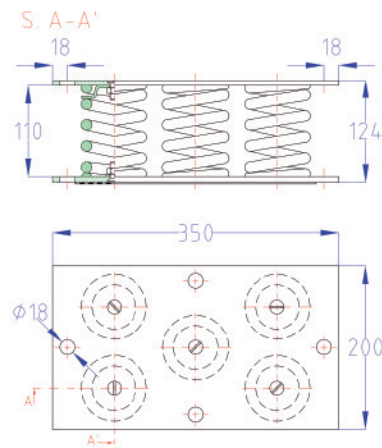
	REF / ART.NR	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLÈCHE / FEDERWEG	CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
<b>M</b>	<b>M500</b>	500	18±2,0	277,78
	<b>M750</b>	750	18±2,0	416,67
<b>2M</b>	<b>2M 1000</b>	1000	18±2,0	555,56
	<b>2M 1500</b>	1500	18±2,0	833,33
<b>3M</b>	<b>3M 1500</b>	1500	18±2,0	833,33
	<b>3M 2250</b>	2250	18±2,0	1.250,00
<b>4M</b>	<b>4M 2000</b>	2000	18±2,0	1.111,11
	<b>4M 3000</b>	3000	18±2,0	1.666,67



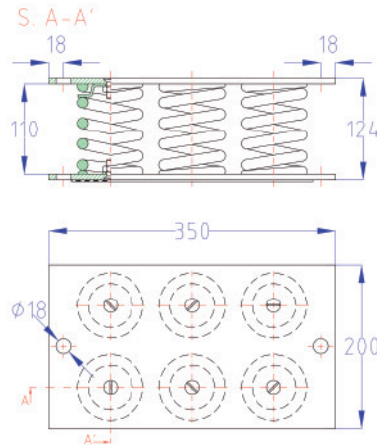
5M / 6M / 9M (2500 - 6750 kg.)

	REF / ART.NR	CARGA / LOAD	FLECHA / DEFLECTION	CONSTANTE / STIFFNESS
		CHARGE / LAST	FLÈCHE / FEDERWEG	RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
5M	5M 2500	2500	18±2,0	1.388,89
	5M 3750	3750	18±2,0	2.083,33
6M	6M 3000	3000	18±2,0	1.666,67
	6M 4500	4500	18±2,0	2.500,00
9M	9M 4500	4500	18±2,0	2.500,00
	9M 6750	6750	18±2,0	3.750,00

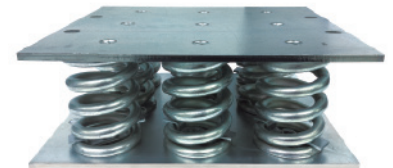
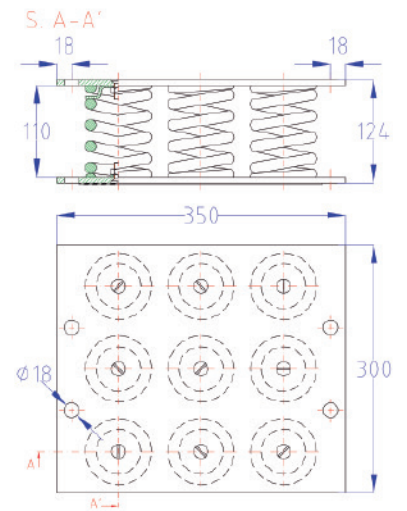
5M



6M



9M

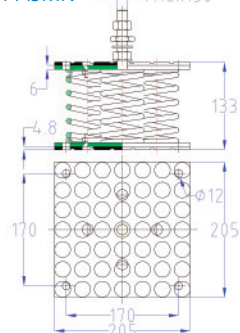




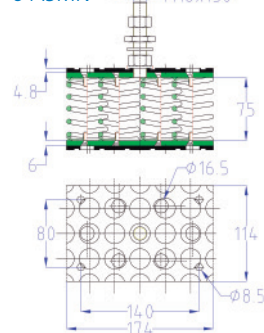
METÁLICOS / SPRINGS / RESSORTS / FEDERISOLATOREN 4 ASMN / 6 ASMN

	REF / ART.NR	CARGA / LOAD	FLECHA / DEFLECTION	CONSTANTE / STIFFNESS
		CHARGE / LAST	FLÈCHE / FEDERWEG	RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
4 ASMN	4 ASMN 600	600	30±3,0	200,00
	4 ASMN 700	700	30±3,0	233,33
	4 ASMN 800	800	30±3,0	266,67
	4 ASMN 900	900	30±3,0	300,00
	4 ASMN 1000	1000	30±3,0	333,33
	4 ASMN 1100	1100	30±3,0	336,67
	4 ASMN 1200	1200	30±3,0	400,00
	4 ASMN 1300	1300	30±3,0	433,33
	4 ASMN 1400	1400	30±3,0	466,67
	4 ASMN 1500	1500	30±3,0	500,00
	4 ASMN 1600	1600	30±3,0	533,33
	4 ASMN 1700	1700	30±3,0	566,67
	4 ASMN 1800	1800	30±3,0	600,00
	4 ASMN 1900	1900	30±3,0	633,33
	4 ASMN 2000	2000	30±3,0	666,67
	4 ASMN 2100	2100	30±3,0	700,00
4 ASMN 2200	2200	30±3,0	733,33	
6 ASMN	6 ASMN 150	150	20±2,0	75,00
	6 ASMN 175	175	20±2,0	87,50
	6 ASMN 200	200	20±2,0	100,00
	6 ASMN 225	225	20±2,0	112,50
	6 ASMN 250	250	20±2,0	125,00
	6 ASMN 275	275	20±2,0	137,50
	6 ASMN 300	300	20±2,0	150,00
	6 ASMN 325	325	20±2,0	162,50
	6 ASMN 350	350	20±2,0	175,00
	6 ASMN 375	375	20±2,0	187,50
	6 ASMN 400	400	20±2,0	200,00
	6 ASMN 425	425	20±2,0	212,50
	6 ASMN 450	450	20±2,0	225,00
	6 ASMN 475	475	20±2,0	237,50
	6 ASMN 500	500	20±2,0	250,00
	6 ASMN 550	550	20±2,0	275,00
	6 ASMN 575	575	20±2,0	287,50
	6 ASMN 600	600	20±2,0	300,00
	6 ASMN 625	625	20±2,0	312,50
	6 ASMN 650	650	20±2,0	325,00
6 ASMN 675	675	20±2,0	337,50	
6 ASMN 700	700	20±2,0	350,00	
6 ASMN 725	725	20±2,0	362,50	
6 ASMN 750	750	20±2,0	375	

4 ASMN M16x130

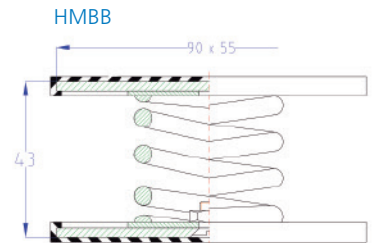
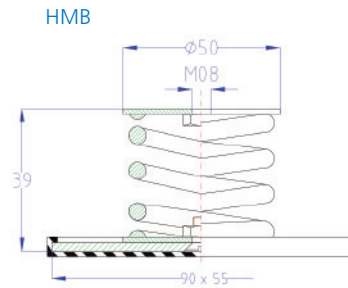
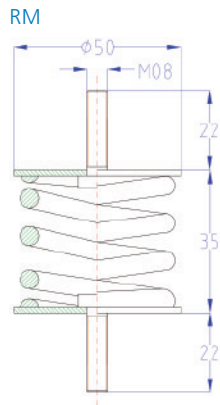
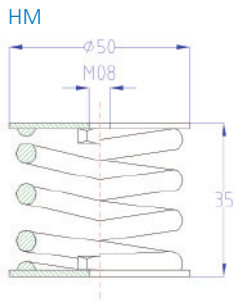


6 ASMN M16x130



METÁLICOS / SPRINGS / RESSORTS / FEDERISOLATOREN HM / RM / HMB / HMBB

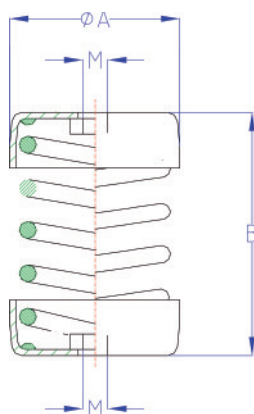
	REF / ART.NR	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLÈCHE / FEDERWEG	CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		kg.	mm.	kg./cm
HM	HM 05	5	7±1,0	7,14
	HM 10	10	7±1,0	14,29
	HM 20	20	7±1,0	28,57
	HM 30	30	7±1,0	42,86
	HM 40	40	7±1,0	57,14
	HM 50	50	7±1,0	71,43
RM	RM 05	5	7±1,0	7,14
	RM 10	10	7±1,0	14,29
	RM 20	20	7±1,0	28,57
	RM 30	30	7±1,0	42,86
	RM 40	40	7±1,0	57,14
	RM 50	50	7±1,0	71,43
HMB	HMB 05	5	7±1,0	7,14
	HMB 10	10	7±1,0	14,29
	HMB 20	20	7±1,0	28,57
	HMB 30	30	7±1,0	42,86
	HMB 40	40	7±1,0	57,14
	HMB 50	50	7±1,0	71,43
HMBB	HMBB 05	5	7±1,0	7,14
	HMBB 10	10	7±1,0	14,29
	HMBB 20	20	7±1,0	28,57
	HMBB 30	30	7±1,0	42,86
	HMBB 40	40	7±1,0	57,14
	HMBB 50	50	7±1,0	71,43



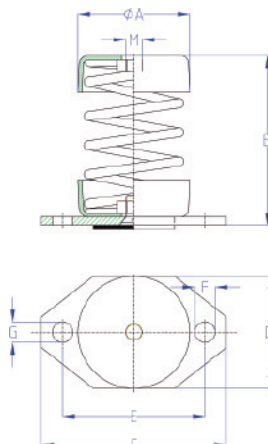
AISLADORES INOX/ STAINLESS STEEL ISOLATORS / ISOLATEURS INOX  
 FEDERSCHWINGUNGSDÄMPFER AUS EDELSTAHL

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN							COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT	
		ØA	B	C	D	E	F	G	M	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
	mm.							kg.	mm.	kg./cm		
MLC - INOX	MLC25 - INOX	55	79						8	25	24±2,0	10,42
	MLC50 - INOX	55	79						8	50	24±2,0	20,83
	MLC75 - INOX	55	79						8	75	24±2,0	31,25
	MLC100 - INOX	55	79						8	100	24±2,0	41,67
	MLC125 - INOX	55	79						8	125	24±2,0	52,08
	MLC150 - INOX	55	115						12	150	30±2,0	50,00
	MLC200 - INOX	73	115						12	200	30±2,0	66,67
	MLC250 - INOX	73	115						12	250	30±2,0	83,33
	MLC300 - INOX	73	115						12	300	30±2,0	100,00
	MLC350 - INOX	73	115						12	350	30±2,0	116,67
MLC - B - INOX	MLC25B - INOX	55	83	91	55	70	10	10	8	25	24±2,0	10,42
	MLC50B - INOX	55	83	91	55	70	10	10	8	50	24±2,0	20,83
	MLC75B - INOX	55	83	91	55	70	10	10	8	75	24±2,0	31,25
	MLC100B - INOX	55	83	91	55	70	10	10	8	100	24±2,0	41,67
	MLC125B - INOX	55	83	91	55	70	10	10	8	125	24±2,0	52,08
	MLC150B - INOX	55	116,5	110	75	91	13,8	10	12	150	30±2,0	50,00
	MLC200B - INOX	73	116,5	110	75	91	13,8	10	12	200	30±2,0	66,67
	MLC250B - INOX	73	116,5	110	75	91	13,8	10	12	250	30±2,0	83,33
	MLC300B - INOX	73	116,5	110	75	91	13,8	10	12	300	30±2,0	100,00
	MLC350B - INOX	73	116,5	110	75	91	13,8	10	12	350	30±2,0	116,67

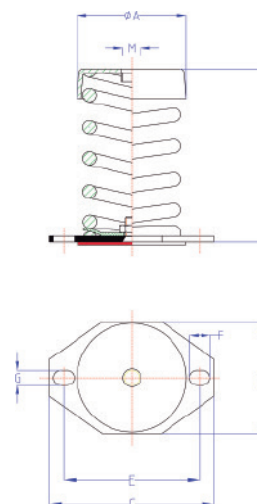
MLC-INOX



MLC-B-INOX 25-50-75-100-125



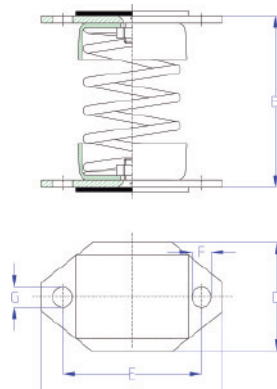
MLC-B-INOX 150-200-250-300-350



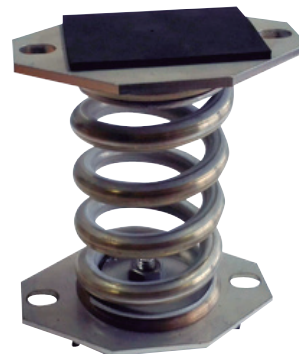
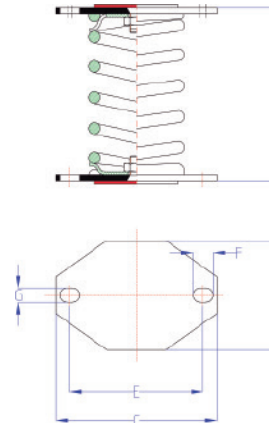
AISLADORES INOX/ STAINLESS STEEL ISOLATORS / ISOLATEURS INOX  
 FEDERSCHWINGUNGSDÄMPFER AUS EDELSTAHL

MLC - BB - INOX	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN							COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT	
		ØA	B	C	D	E	F	G	M	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
		mm.							kg.	mm.	kg./cm	
	MLC25BB - INOX	87	91	55	70	10	10			25	24±2,0	10,42
	MLC50BB - INOX	87	91	55	70	10	10			50	24±2,0	20,83
	MLC75BB - INOX	87	91	55	70	10	10			75	24±2,0	31,25
	MLC100BB - INOX	87	91	55	70	10	10			100	24±2,0	41,67
	MLC125BB - INOX	87	91	55	70	10	10			125	24±2,0	52,08
	MLC150BB - INOX	118	110	75	91	13,8	10			150	30±2,0	50,00
	MLC200BB - INOX	118	110	75	91	13,8	10			200	30±2,0	66,67
	MLC250BB - INOX	118	110	75	91	13,8	10			250	30±2,0	83,33
	MLC300BB - INOX	118	110	75	91	13,8	10			300	30±2,0	100,00
	MLC350BB - INOX	118	110	75	91	13,8	10			350	30±2,0	116,67

MLC-BB-INOX 25-50-75-100-125



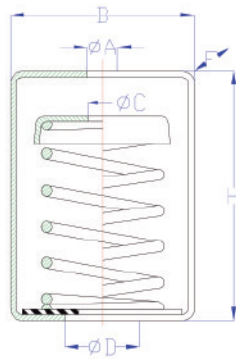
MLC-BB-INOX 150-200-250-300-350



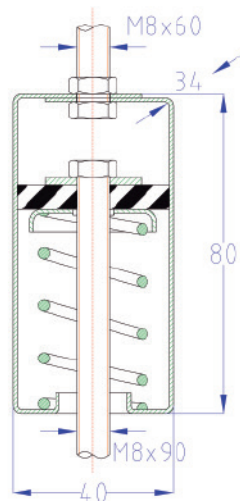
## SUSTAINER TM / TV

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT	
		B	F	H	ØA	ØD	ØC	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
	mm.					kg.	mm.	kg./cm		
TM	TM 25	75	55	100	12	30	11	25	24±3,0	10,42
	TM 50	75	55	100	12	30	11	50	24±3,0	20,83
	TM 75	75	55	100	12	30	11	75	24±3,0	31,25
	TM 100	75	55	100	12	30	11	100	24±3,0	41,67
	TM 125	75	55	100	12	30	11	125	24±3,0	52,08
	TM 150	120	75	155	16	30	14	150	35±4,0	42,86
	TM 200	120	75	155	16	30	14	200	35±4,0	57,14
	TM 250	120	75	155	16	30	14	250	35±4,0	71,43
	TM 350	120	75	155	16	30	14	350	35±4,0	100,00
	TM 450	120	75	155	16	30	14	450	35±4,0	128,57
TM 550	120	75	155	16	30	14	550	35±4,0	157,14	
TV	TV 10							10	30±3,0	3,33
	TV 20							20	20±2,0	10,00
	TV 30							30	20±2,0	15,00
	TV 40							40	20±2,0	20,00

Sustainer TM

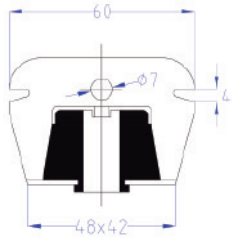


Sustainer TV

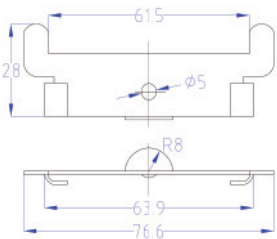


## SUSTAINER TVAD-DS / TVA / TVAD10 / TVAR / TVAPL

TVAD



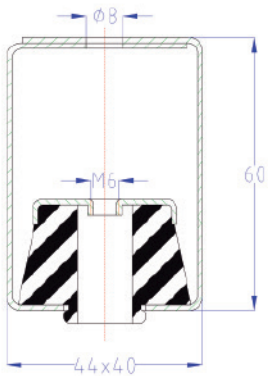
DS



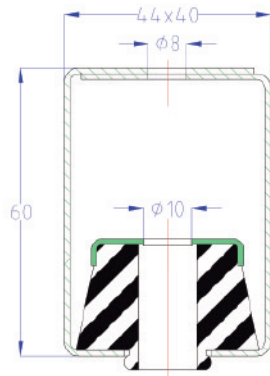
TVAD+DS

	REF / ART.NR	COMPRESSION / COMPRESSION DRUCKBELASTUNG			
		CARGA / LOAD CHARGE / LAST		FLECHA / DEFLECTION FLECHE / FEDERWEG	
		kg.		mm.	
TVA	TVA 40	8	25	1	3
	TVA 60	18	50	1	3
	TVA 75	25	75	1	3
TVAD10	TVA40 D10	8	25	1	3
	TVA60 D10	18	50	1	3
	TVA75 D10	25	75	1	3
TVAR	TVAR 40	8	25	1	3
	TVAR 60	18	50	1	3
	TVAR 75	25	75	1	3
TVAPL	TVAPL 40	8	25	1	3
	TVAPL 60	18	50	1	3
	TVAPL 75	25	75	1	3
TVAD	TVAD 40	8	25	1	3
	TVAD 60	18	50	1	3
	TVAD 75	25	75	1	3
	DS				

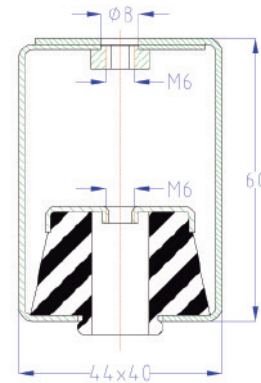
TVA



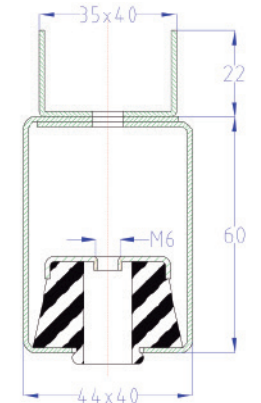
TVAD10



TVAR

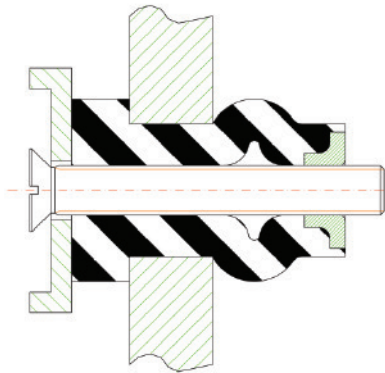
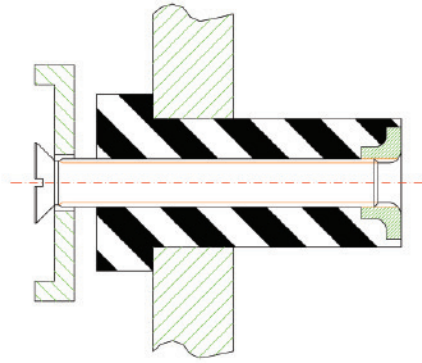
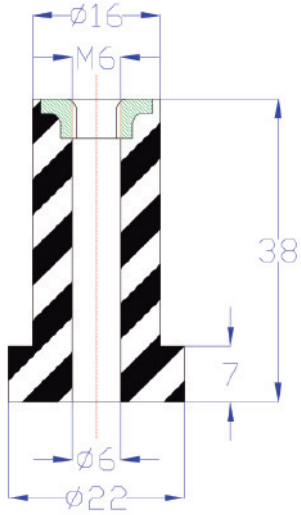


TVAPL

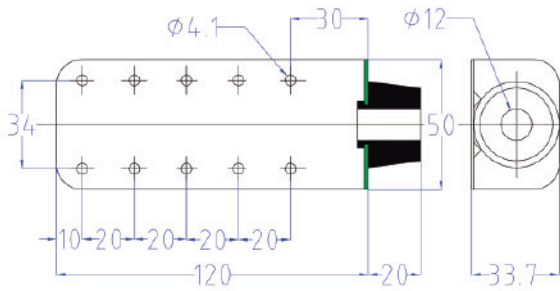


SUSTAINER TPA / TPB

REF / ART.NR
TPA 16



TPA



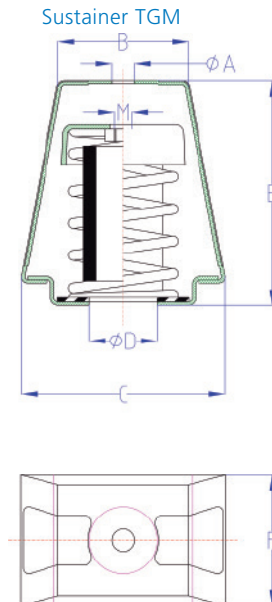
TPB



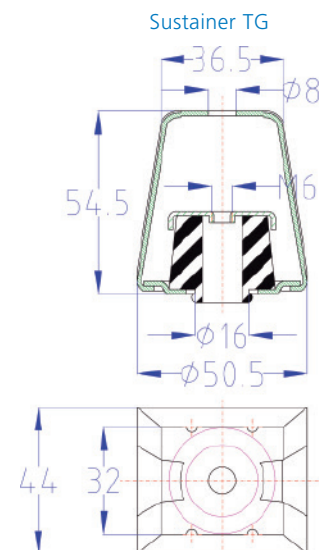
REF / ART.NR
TPB

## SUSTAINER TGM / TG

TGM	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN						COMPRESION / COMPRESSION DRUCKBELASTUNG		CONSTANTE / STIFFNESS RIGIDITE / STEIFIGKEIT
		B	ØA	C	ØD	E	ØM	CARGA / LOAD CHARGE / LAST	FLECHA / DEFLECTION FLECHE / FEDERWEG	
		mm.						kg.	mm.	kg./cm
	<b>TGM 25</b>	58	10,2	91	30	100	11	25	24±3,0	10,42
	<b>TGM 50</b>	58	10,2	91	30	100	11	50	24±3,0	20,83
	<b>TGM 75</b>	58	10,2	91	30	100	11	75	24±3,0	31,25
	<b>TGM 100</b>	58	10,2	91	30	100	11	100	24±3,0	41,67
	<b>TGM 125</b>	58	10,2	91	30	100	11	125	24±3,0	52,08



TG	REF / ART.NR	COMPRESION / COMPRESSION DRUCKBELASTUNG			
		CARGA / LOAD CHARGE / LAST		FLECHA / DEFLECTION FLECHE / FEDERWEG	
		kg.		mm.	
	<b>TG 40</b>	8	25	1	3
	<b>TG 60</b>	18	50	1	3
	<b>TG 75</b>	25	75	1	3

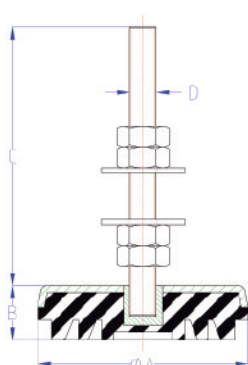




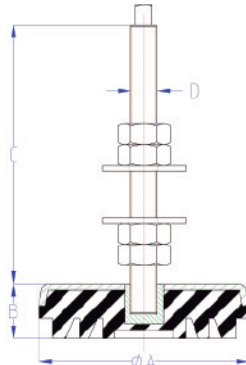
## M800 / M800 INOX / M700

	REF / ART.NR	DIMENSIONES / DIMENSIONS ABMESSUNGEN					COMPRESION / COMPRESSION DRUCKBELASTUNG
		Sh	Ø A	B	D	C	CARGA / LOAD CHARGE / LAST
		mm.					kg.
<b>M-800</b>	<b>M-800</b>	75	45	20	M-8	100	0-100
	<b>M-800</b>	75	45	20	M-10	70	0-100
	<b>M-801</b>	75	75	25	M-12	110	100-200
	<b>M-802</b>	75	98	30	M-12	110	200-400
	<b>M-802</b>	75	98	30	M-16	150	200-400
	<b>M-803</b>	75	125	30	M-16	155	400-700
	<b>M-804</b>	75	175	37	M-16	155	700-1500
	<b>M-805</b>	75	222	42	M-20	185	1500-3000
	<b>M-806</b>	75	222	61	M-24	185	3000-5000
<i>*fabricado con caucho BUTILO (IDEALE) y NITRILO (SINTÉTICO) / made in rubber butyl (IDEALE) and nitrile (SYNTHETIC) / fabriqué en caoutchouc butyle (IDEALE) et nitrile (SYNTHETIQUE) / Hergestellt aus Nitril-Kautschuk und aus Butadien-Kautschuk</i>							
<b>M-800 INOX</b>	<b>M-800-X</b>	75	45	20	M-8	95	0-100
	<b>M-801-X</b>	75	75	25	M-12	110	100-200
	<b>M-802-X</b>	75	98	30	M-12	110	200-400
	<b>M-803-X</b>	75	125	30	M-16	155	400-700
	<b>M-804-X</b>	75	175	37	M-16	155	700-1500
<i>*fabricado con NITRILO (SINTÉTICO) / made in nitrile (SYNTHETIC) / fabriqué en nitrile (SYNTHETIQUE) / Hergestellt aus Nitril-Kautschuk</i>							
<b>M-700</b>	<b>M-700</b>	65	45	20	M-8	100	0-100
	<b>M-700</b>	65	45	20	M-10	70	0-100
	<b>M-701</b>	65	75	24	M-12	110	100-250
	<b>M-702</b>	65	98	29	M-12	110	250-400
	<b>M-702</b>	65	98	29	M-16	150	250-400
	<b>M-703</b>	65	124	30	M-16	155	400-700
	<b>M-704</b>	65	175	36	M-16	155	700-1500
	<b>M-705</b>	65	222	42	M-20	185	1500-2500
	<b>M-706</b>	65	222	61	M-24	185	2500-3800
<i>*fabricado en CAUCHO NATURAL(NR) / made in natural rubber (NR) / fabriqué en caoutchouc naturel (NR) / Hergestellt aus Natur-Kautschuk</i>							

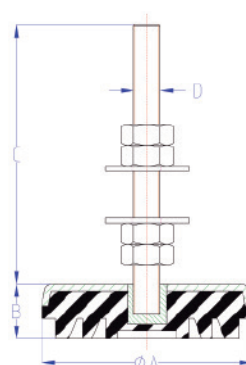
M-800



M-800 INOX



M-700

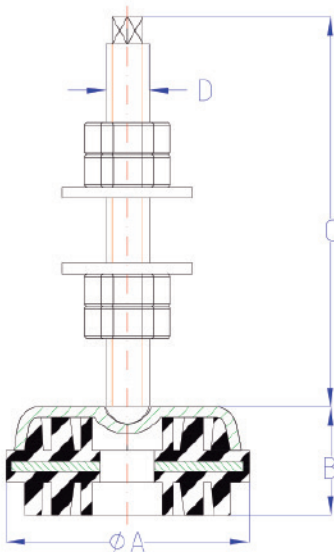


## M600 (RÓTULA / ARTICULATED / ARTICULÉ / GELENKFUß)

M-600	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG
	Sh	Ø A	B	D	C	CARGA / LOAD CHARGE / LAST	
	mm.					kg.	
	M-600	75	48	20	M-10	80	0-60
	M-601	75	75	28	M-12	100	60-125
	M-602	75	100	28	M-12	100	125-200
	M-603	75	128	30	M-16	170	200-400
	M-604	75	180	36	M-16	170	400-700
	M-607	75	180	45	M-16	170	700-1400
	M-605	75	226	47	M-20	190	1400-2000
	M-606	75	226	60	M-20	190	2000-3000
	M-608	75	226	62	M-24	215	3000-5000

\*fabricado con NITRILO (SINTÉTICO) y BUTILO (IDEALE) / made in nitrile (SYNTHETIC) and butyl (IDEALE) / fabriqué en nitrile (SYNTHETIQUE) et butyle (IDEALE) / Hergestellt aus Nitril-Kautschuk und aus Butadien-Kautschuk

\*Toda la serie M-600 se fabrica con plancha metálica intermedia reforzante / The whole M-600 range is made with a reinforcing metal plate in the middle / Toute la série M-600 est fabriquée avec une planche métallique intermédiaire de renfort / Die gesamte M-600 Serie ist mit einer zwischenliegenden Metallscheibe verstärkt



M-600



M-600L



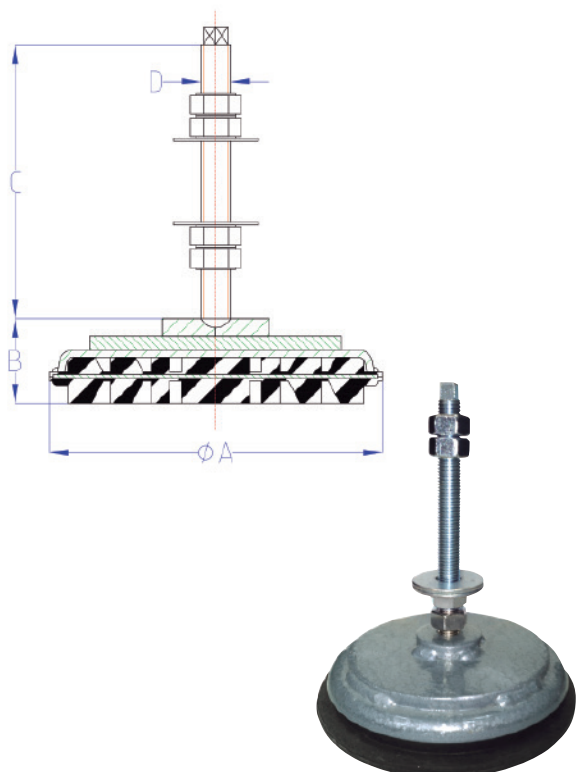
M-600I

Máximo desnivel permitido de la base 8%  
Maximum allowed slope on the base 8%  
Inclination maximale acceptée de la base 8%  
Erlaubte Bodenschräge max 8%

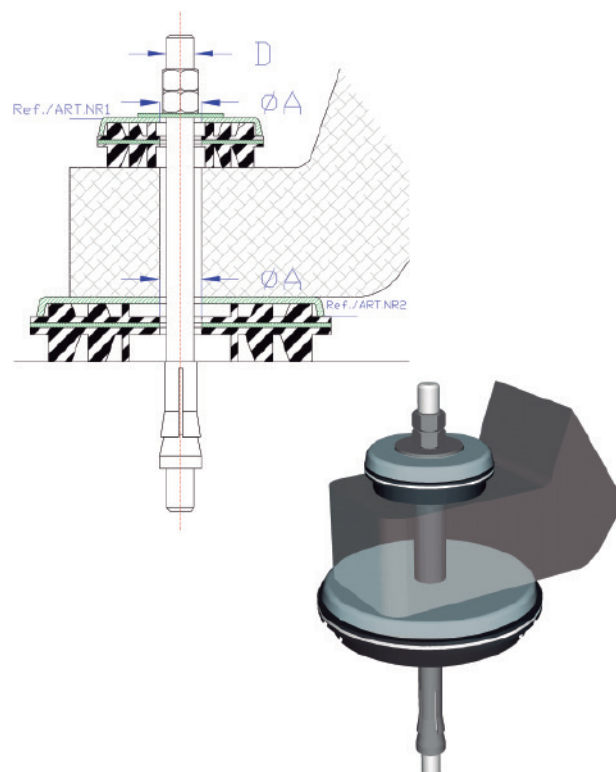
## M600 R / M600 T

M-600 R	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG
	Sh	Ø A	B	D	C	CARGA / LOAD CHARGE / LAST	
	mm.					kg.	
	<b>M-604 R</b>	75	180	56	M-16	160	100-700
	<b>M-607-R</b>	75	180	64	M-16	160	700-1400
	<b>M-605-R</b>	75	226	68	M-20	185	1400-2000
	<b>M-606-R</b>	75	226	78	M-20	185	2000-3000
*fabricado con NITRILO (SINTÉTICO) y BUTILO (IDEALE) / made in nitrile (SYNTHETIC) and butyl (IDEALE) / fabriqué en nitrile (SYNTHETIQUE) et butyle (IDEALE) / Hergestellt aus Nitril-Kautschuk und aus Butadien-Kautschuk							
M-600 T	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	Ø A	Ref./ART.NR2	D	Ref./ART.NR1	CARGA / LOAD CHARGE / LAST	
	mm.					kg.	
	<b>T-1</b>	75	12	M-601 T	M8 / M10	M-600 T	0-100
	<b>T-2</b>	75	15	M-602 T	M-12	M-601 T	100-200
	<b>T-3</b>	75	15	M-603 T	M-12	M-601 T	200-400
	<b>T-4</b>	75	24	M-604 T	M16 / M20	M-602 T	400-700
	<b>T-5</b>	75	24	M-607 T	M-16	M-602 T	700-1200
	<b>T-6</b>	75	24	M-605 T	M-20	M-603 T	1200-1800
	<b>T-7</b>	75	24	M-606 T	M-20	M-603 T	1800-2500
*fabricado con NITRILO (SINTÉTICO) y BUTILO (IDEALE) / made in nitrile (SYNTHETIC) and butyl (IDEALE) / fabriqué en nitrile (SYNTHETIQUE) et butyle (IDEALE) / Hergestellt aus Nitril-Kautschuk und aus Butadien-Kautschuk							

M-600 R



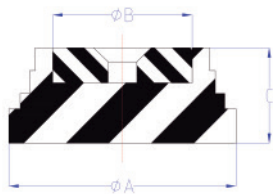
M-600 T



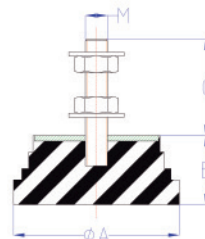
M940 / M950 / M

M-940	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh		Ø A	Ø B	C	CARGA / LOAD CHARGE / LAST	
	mm.			kg.			
	M-942	75	59	29	27	0-75	
	M-944	75	70	40	28	75-90	
	M-946	75	80	49	33	90-120	
	M-948	75	87	60	35	120-150	
*Fabricado con BUTILO (IDEALE) / made in butyl (IDEALE) / fabriqué en butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk							
M-950	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh		Ø A	B	M	C	CARGA / LOAD CHARGE / LAST
	mm.			kg.			
	M-952	75	59	25	M-8	100	0-75
	M-952	75	59	25	M-10	77	0-75
	M-954	75	70	31	M-12	120	75-90
	M-956	75	80	33	M-12	120	90-120
*Fabricado con BUTILO (IDEALE) / made in butyl (IDEALE) / fabriqué en butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk							
M	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh		A	B	C	CARGA / LOAD CHARGE / LAST	
	mm.			kg.			
	M-963	75	35	35	15	0-20	
	M-1060	75	50	50	22	20-40	
	M-1062	75	53	65	28	40-60	
	M-965	75	44		11	0-20	
*Fabricado con BUTILO (IDEALE) / made in butyl (IDEALE) / fabriqué en butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk							

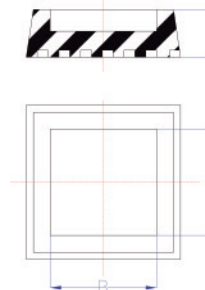
M-940



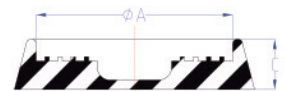
M-950



M



M-965



M910 / M915/921

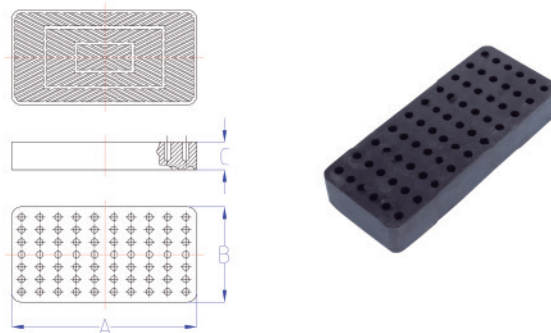
M-910	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN			COMPRESION / COMPRESSION DRUCKBELASTUNG
	Sh	A	B	C	CARGA / LOAD CHARGE / LAST	
	mm.				kg.	
	M-911	75	122	67	18	0-150
	M-912	75	204	83	18	150-300
	M-913	75	225	115	18	300-500
	M-914	75	256	155	18	500-700
	M-922	75	125	67	35	0-250
	M-924	75	204	85	35	250-500
	M-925	75	150	130	35	500-700
	M-926	75	223	115	35	600-700
	M-929	75	256	152	35	750-1000

*\*fabricado con caucho BUTILO (IDEALE) / made in rubber butyl (IDEALE) / fabriqué en caoutchouc butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk*

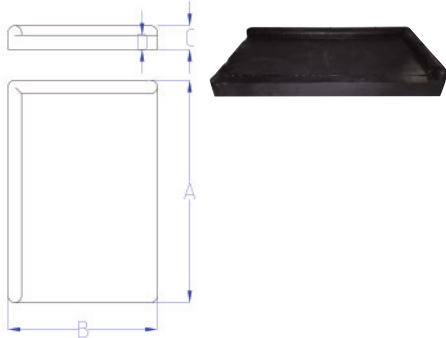
M-915/921	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG
	Sh	A	B	C	D	CARGA / LOAD CHARGE / LAST	
	mm.					kg.	
	M-915	75	230	140	30	19	0-600
	M-917	75	230	140	30	19	0-600
	M-920	75	210	125	26	13	0-400
	M-921	75	210	125	26	13	0-400

*\*fabricado con caucho BUTILO (IDEALE) / made in rubber butyl (IDEALE) / fabriqué en caoutchouc butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk*

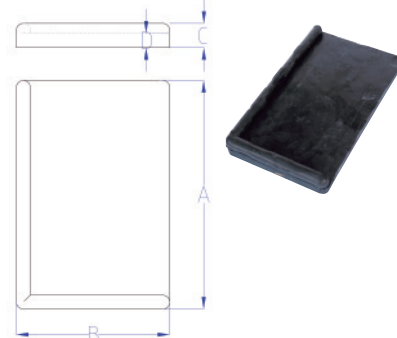
M-910



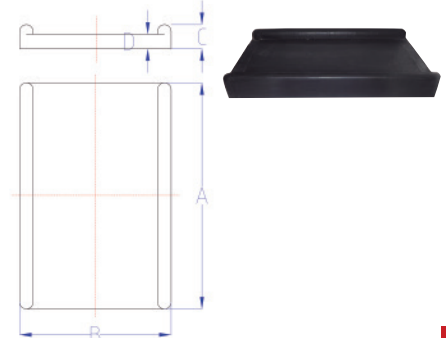
M-915D / M-921D



M-915I / M-921I



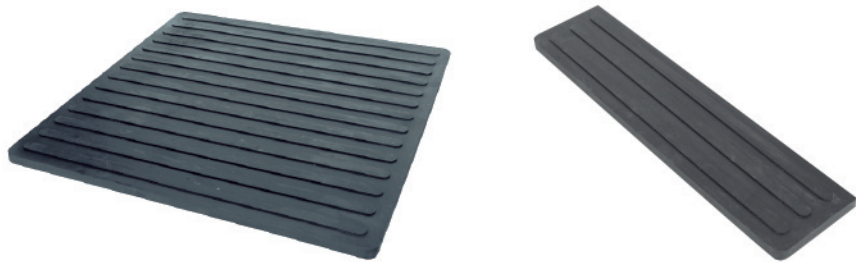
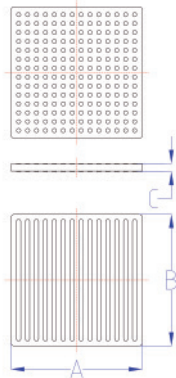
M-917 / M-920



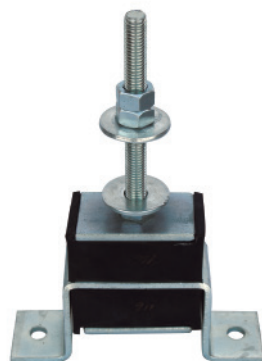
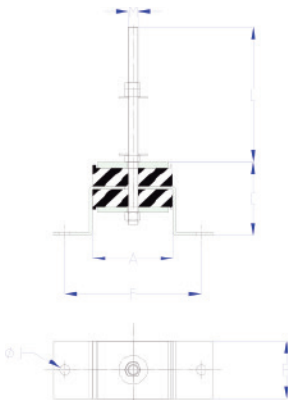
M980 / M970

M-980	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN				COMPRESION / COMPRESSION DRUCKBELASTUNG				
	Sh	A	B	C			CARGA / LOAD CHARGE / LAST				
	mm.						kg.				
	M-980	75	470	117	17			0-300			
	M-981	75	470	117	25			300-450			
	M-983	75	470	470	17			450-1500			
	M-985	75	470	470	25			1500-2000			
*fabricado con caucho BUTILO (IDEALE) / made in rubber butyl (IDEALE) / fabriqué en caoutchouc butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk											
M-970	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN							COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	A	B	C	M	L	F	Ø J	D	CARGA / LOAD CHARGE / LAST	
	mm.									kg.	
	M-970	75	33	35	42	M-8	42	76	8	-	0-100
	M-972	75	75	40	95	M-12	118	121	10	-	0-400
	M-975	75	117	60	110	M-16	150	184	14	-	400-1250
	M-978	75	140	100	135	M-16	215	246	16	70	1250-2000
*fabricado con caucho BUTILO (IDEALE) / made in rubber butyl (IDEALE) / fabriqué en caoutchouc butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk											

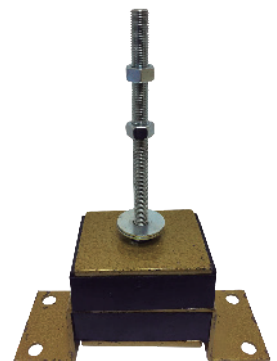
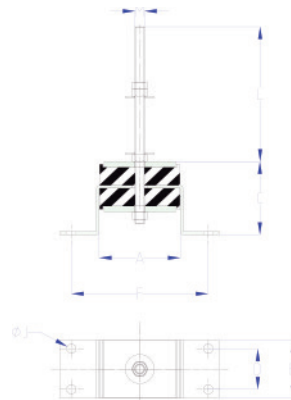
M-980



M-970 / M-972 / M-975

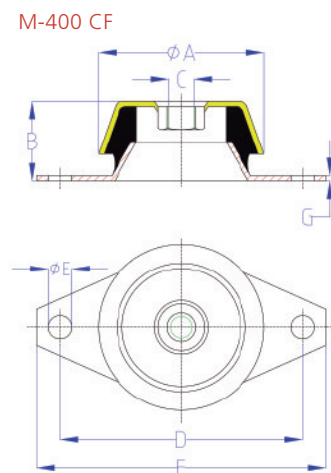
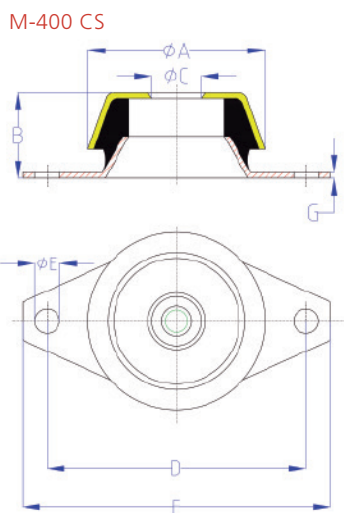


M-978



# M400

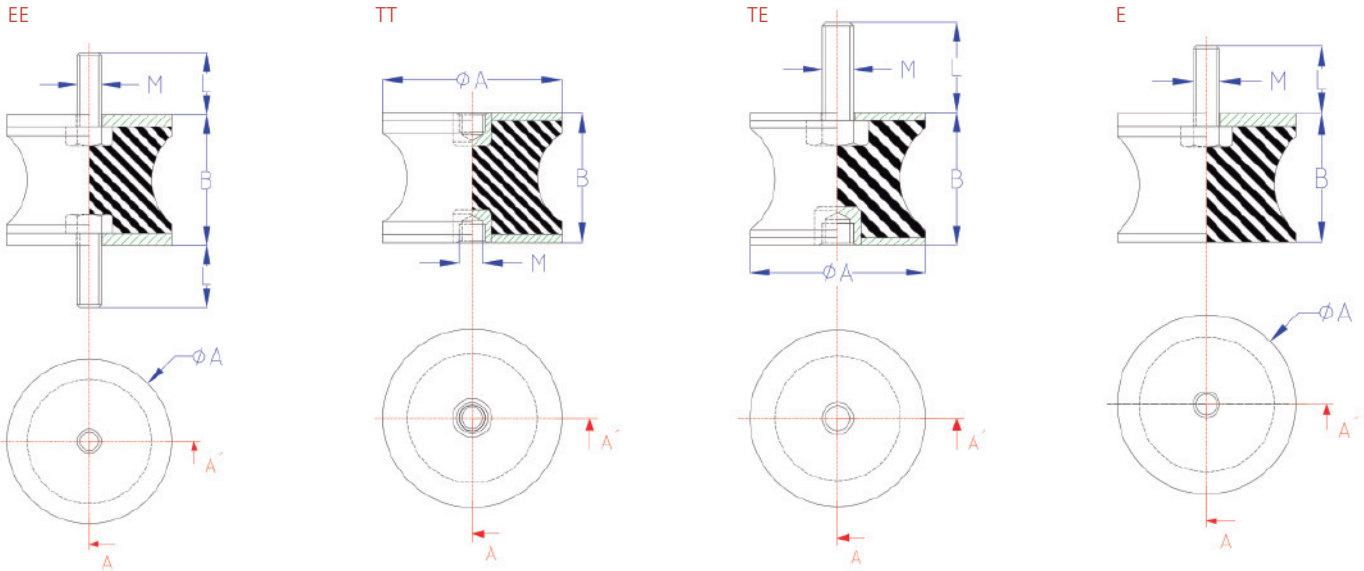
M-400 CS	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN						COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	Ø A	B	Ø C	D	Ø E	F	G	CARGA / LOAD CHARGE / LAST	
	mm.									kg.
	M-410	60	46	23	8	68	6,5	81	2	45-90
	M-412	60	60	31	10	85	8,5	106	3	100-200
	M-414	60	92	45	16	110	10,5	128	3	200-400
	M-416	60	108	50	24	160	16,5	190	5	400-600
<p>*fabricado con NITRILO (SINTÉTICO) / made in rubber nitrile (SYNTHETIC) / fabriqué en caoutchouc nitrile (SYNTHETIQUE) / Hergestellt aus Nitril-Kautschuk</p> <p>*CS agujero libre / CS plain hole / CS trou lisse / CS glattes Loch</p>										
M-400 CF	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN						COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	Ø A	B	C	D	Ø E	F	G	CARGA / LOAD CHARGE / LAST	
	mm.									kg.
	M-420	60	48	23	M-8	68	6,5	81	2	45-90
	M-422	60	60	31	M-10	85	8,5	106	3	100-200
	M-424	60	92	45	M-14	110	10,5	128	3	200-400
	M-426	60	108	50	M-16	160	16,5	190	5	400-600
<p>*fabricado con NITRILO (SINTÉTICO) / made in rubber nitrile (SYNTHETIC) / fabriqué en caoutchouc nitrile (SYNTHETIQUE) / Hergestellt aus Nitril-Kautschuk</p> <p>*CF agujero rosca / CF screwed hole / CF trou taraudé / CF Innengewinde</p>										



# 1000 DISCOBOLO

1000	REF / ART.NR	SERIES				DIMENSIONES / DIMENSIONS / ABMESSUNGEN			COMPRESION / COMPRESSION / DRUCKBELASTUNG	COMPRESION / COMPRESSION / DRUCKBELASTUNG
		EE	TT	TE	E	Ø A	B	M x L	CARGA / LOAD CHARGE / LAST	CARGA / LOAD CHARGE / LAST
						mm.			65SH	75SH
	M-1003	x			x	25	25	M-4X14	0-20	0-30
	M-1006	x			x	35	30	M-5X14	20-60	30-90
	M-1009	x	x	x	x	45	35	M-8X23	60-80	90-120
	M-1012	x	x	x	x	55	44	M-8X22	80-120	120-170
	M-1014	x	x	x	x	60	60	M-10X26	100-130	140-190
	M-1015	x	x	x	x	69	50	M-10X26	120-175	170-250
	M-1018		x			85	60	M-12	175-260	250-375
	M-1020		x			97	54	M-14	210-420	300-600
	M-1021		x			97	59	M-14	240-490	350-700
	M-1029		x			125	65	M-16	490-1050	700-1500
	M-1032		x			175	81	M-16	850-1300	1200-1800
	M-1035		x			225	90	M-24	1300-1800	1500-2200

\*fabricado en CAUCHO NATURAL (NR) / made in natural rubber (NR) / fabriqué en caoutchouc naturel (NR) / Hergestellt aus Natur-Kautschuk





## STABREN

STABREN	REF / ART.NR		DIMENSIONES / DIMENSIONS ABMESSUNGEN		COMPRESION / COMPRESSION DRUCKBELASTUNG	
	Sh	Sh	cm <sup>2</sup>	Tm x un	CARGA / LOAD CHARGE / LAST	
					kg.	
	<b>35-25-35</b>	35	35	0,1-2,5 kg	1	40-1000
	<b>35-25-45</b>	35	45	2,5-3,5 kg	1,5	1000-1500
	<b>45-25-45</b>	45	45	3,5-9,5 kg	3,8	1500-3800
	<b>45-25-65</b>	45	65	9,5-12 kg	4,8	3800-4800
	<b>65-25-65</b>	65	65	12-15 kg	6	4800-6000
	<b>65-25-85</b>	65	85	15-18 kg	7,2	6000-7200
	<b>85-25-85</b>	85	85	18/ +	10	7200-10000

*\*fabricado con caucho BUTILO (IDEALE) / made in rubber butyl (IDEALE) / fabriqué en caoutchouc butyle (IDEALE) / Hergestellt aus Butadien-Kautschuk*

Dimensiones: largo: 200mm / ancho:200mm / alto: 25mm

Dimensions: length:200mm / width: 200mm / height: 25mm

Dimensions: longueur: 200mm / largeur: 200mm / hauteur: 25mm

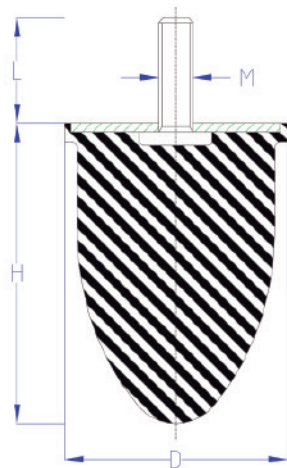
Dimensionen: Länge: 200mm / Breite: 200mm/ Höhe: 25mm



TP-M

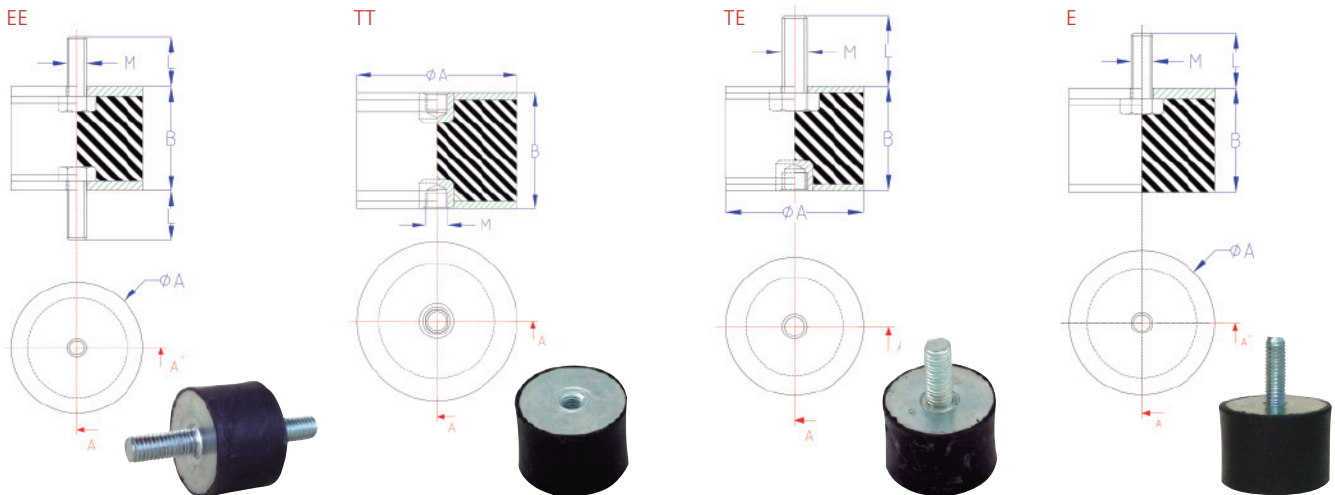
TP-M	REF / ART.NR		DIMENSIONES / DIMENSIONS / ABMESSUNGEN				RIGIDEZ / STIFFNESS RIGIDITE / STEIFIGKEIT	FLECHA / DEFLECTION FLECHE / FEDERWEG
		Sh	D	H	Ø M	L	CARGA / LOAD CHARGE / LAST	CARGA / LOAD CHARGE / LAST
	mm.						daN/mm.	mm.
	<b>M-2425 M618</b>	50	24	25	M-6	18	3	5,5
	<b>M-2435 M618</b>	50	24	35	M-6	18	3,5	7
	<b>M-3030 M614</b>	50	30	30	M-6	14	4,9	6
	<b>M-3036 M614</b>	50	30	36	M-6	14	5,5	7,2
	<b>M-4530 M823</b>	50	45	30	M-8	23	12,8	6
	<b>M-5050 M823</b>	50	50	50	M-8	23	5,7	10
	<b>M-5050 M1025</b>	50	50	50	M-10	25	5,7	10
	<b>M-5067 M833</b>	50	50	67	M-8	33	4,9	13,4
	<b>M-6060 M1237</b>	50	60	60	M-12	37	13	12

*\*fabricado en CAUCHO NATURAL (NR) / made in natural rubber (NR) / fabriqué en caoutchouc naturel (NR) / Hergestellt aus Natur-Kautschuk*



REF / ART.NR	SERIES					DIMENSIONES / DIMENSIONS / ABMESSUNGEN			COMPRESSION / COMPRESSION / DRUCKBELASTUNG
	Sh	EE	TT	TE	E	Ø A	B	M x L	CARGA / LOAD CHARGE / LAST
							mm.		
M-1100	50	X	X			15	15	M-4X13	8-10
M-1106		X	X	X	X		15	M-6X18	50-60
M-1108	50	X	X	X	X	20	20	M-6X18	30-40
M-1110		X	X	X	X		25	M-6X18	25-30
M-1116		X					15	M-6X18	65-70
M-1118	50	X	X			25	20	M-6X18	48-65
M-1120		X	X	X	X		25	M-6X18	30-35
M-1122		X	X	X	X		30	M-6X18	25-30
M-1128		X		X	X		15	M-8X20	85-95
M-1130		X	X	X	X		20	M-8X20	55-65
M-1132	50	X		X	X	30	25	M-8X20	45-55
M-1134		X	X	X	X		30	M-8X20	35-45
M-1136		X	X	X			40	M-8X20	30-35
M-1140		X					20	M-8X23	170-220
M-1142	50	X	X	X	X	40	30	M-8X23	140-170
M-1144		X	X		X		35	M-8X28	85-95
M-1146	50	X		X	X	40	40	M-10X25 M-10X28	70-80
M-1150		X					20	M-10X25	290-330
M-1152		X	X		X		30	M-10X25	200-260
M-1154	50	X	X	X	X	50	35	M-10X25	170-200
M-1156		X	X				40	M-10X33	150-170
M-1158		X	X	X	X		45	M-10X33	125-150
M-1164	50	X			X	60	30	M-10X25 M-12X37	300-350
M-1166		X	X				40	M-10X24	210-240
M-1168	50	X	X		X	60	50	M-12X37	170-210
M-1172	50	X	X	X	X	75	40	M-12X37	400-500
M-1180	50	X	X			100	40	M-16X44	800-900
M-1182	50	X		X		100	75	M-16X41 M-16X44	600-700

\*fabricado en CAUCHO NATURAL (NR) / made in natural rubber (NR) / fabriqué en caoutchouc naturel (NR) / Hergestellt aus Natur-Kautschuk





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