

We make it **possible**

AEROSPACE SEALING SYSTEM





OUR ACTIVITY

HUTCHINSON is an expert in specialised seals design, manufacturing, fire certification and marketing.

Hutchinson's strengths :

- Transformation and making of high performance elastomers reinforced with technical fabrics ;
- Design and manufacture of parts or complex assemblies according to the required size ;
- Quantities of production available in either prototype or serial parts;
- A Spirit and a Quality Service that have been proven in the Aviation field for 40 years ;
- Our approvals: Certificate EN/AS/JISQ 9100v2009, ISO 14001v2004, DGAC production approval.



NOTRE METIER

HUTCHINSON a pour vocation la conception, la fabrication, la certification feu et la commercialisation de joints spéciaux.

Nos lignes de forces sont :

- La transformation et la mise en œuvre d'élastomères hautes performances renforcés de tissus techniques ;
- La conception et la réalisation de pièces ou ensembles complexes sur mesures ;
- Des quantités de production allant du prototype unique à la série ;
- Un Esprit et un Service Qualité éprouvé à l'école de l'Aviation depuis 40 ans ;
- Nos agréments : Certificat EN/AS/JISQ 9100v2009, ISO 14001v2004, Agrément de production DGAC.



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ANALOGY OF THE STANDARDS

ANALOGIE DES NORMES

ANALOGIE DES NORMES ENTRE ELLES / RUBBER COMPOUND JPR
 (La notion d'équivalence impose la vérification ponctuelle de chacun des documents mentionnés)

FAMILY	ENRGTYPETRICAL WORK T° de Service/Working Temp	Reference JPR	Hardness DIDC	NFL French standard	EN Classe	ASTM D2000 (Choix basé sur les NFL)	A.M.S. Class Grade	M.I.L. Class Grade	Z.Z.R. ou A.A.-595988 WL.5	M.SRR Class Grade	ABR	P.Q
S - L - C O N E	General PURPOSE Applications générales agents atmosphériques, Ozone thermique (-55/205°C)	D 200	<35				3332		765	2A/B	25	5304
		D 300	30				3348 C		765	2A/B	40	5447
		D 350	35				3334		765	2A/B	50	MSRR50216/MIFP
		D 400	40	17-250-1	50 D4	M6 GE005 G11E016B37	3302		765	2A/B	50	MSRR50217/MIFQ
		B452/D500	50	17-250-2	500IDC 2259	M6 GE005 G11E016B37	3302		765	2A/B	50	MSRR50217/MIFV
		B587	50	17-250-2	500IDC 2259	M6 GE005 G11E016B37	3302		765	2A/B	60	MSRR50218/MFY
		D 551	55						765	2A/B	60	MSRR50218/MFY
		D 600	60	17-250-3	600IDC 2260	M6 GE005 G11E016	3303		765	1A/B	60	MSRR50219/MFTZ
			60				3336 03356		765	1A/B	60	MSRR50219/MFTZ
		D 720	70	17-250-4	700IDC 2261	M7 GE005 G11E016B37	3337		765	1A/B	70	MSRR50219/MFTZ
Résistance à la chaleur Heat resistance (-55/205°C)	D 800	80	17-250-5	50 D8		M6 GE005 G11E016B37	3357		765	1A/B	80	MSRR50217/MIFT
		80				M6 GE005 G11E016B37	3305		765	1A/B	80	MSRR50217/MIFT
		D 4043	40	17-154	54 D4				765	2A/B	80	MSRR50217/MIFT
		D 5043	50	17-154	54 D6				765	2A/B	80	MSRR50217/MIFT
Résistance au déchirément High TEAR Strength silicone (-55/200°C)	D 6043	60	17-154	54 D6					765	2A/B	80	MSRR50217/MIFT
		D 7043	70	17-154	54 D7				765	2A/B	80	MSRR50217/MIFT
			<35				3348		765	3A/B	30	MSRR50217/MIFT
Résistance au feu Fire resistance (-70/200°C)	D 585	50	17-250-6	500IDC 2262		M4 FC008 G11E016B37 A19	3347		765	3A/B	50	MSRR50217/MIFX
		D 586	55				3345		765	3A/B	60	MSRR50217/MIFX
		D 593	60				3346		765	3A/B	60	MSRR50218/MFE
		D 723	70				3349		765	3B	70	MSRR50218/MFE
Résistance au feu Fire resistance (-70/200°C)	D2012	20										ABR 4-0086
		D3002	30									ABR 4-0086
		D4912	50									ABR 4-0086
		D 590	60	17-153	53 D6		3347				5504	ABR 4-0086
Silicone Conducteur Conductive silicone Silicone FDA	D 470											PQ10051-033-00
		D 670										PQ10051-033-00
		D6052B										

FAMILY	ENRGT Y PENT Y RICAL WORK T° de Service/Working Temp	Reference JPR	Hardness DIDC	NFL French standard	EN (Choix basé sur les NFL)	A.M.S. ASTM D2000 (Choix basé sur les NFL)	M.I.L.	Z.Z.R. ou A.A.-593588 MSRR	ABR	P.Q
				Classe			Class Grade	Class	Grade	
FLUORO-SILICONE	Applications générales General purpose (-55/180°C)	F350	35							
		F400	40				3330			
		F500	50							
		F590	50							
		F600	60	17-261	6106	M2 FG606 A19B37	3325	R259888	1 60	PQ10061-101-00 fire resistant
	Résistance au déchirrement (-55/150°C)	F690	60							
		F700	70	17-261	6107		3327	R259888	1 70	
		F800	80	17-261	6108		3327	R259888	1 80	
			60	17-163	6306					
			40				3201			
N B R	Fluides hydrauliques (-50/120°C)	N500	50	17-120	2046	M2 BG610 E014E034	3205			
		N530	50	17-120	2085					
		N600	60	17-120	2046	M2 BG614 E014E034	3200			
		N630	60	17-120	2086		3202			
			60				3227			
	hydraulic fluid	N700	70	17-120	2047	M2 BG714 E014E034				
		N730	70	17-120	2087					
		N800	80	17-120	2048	M7 BG814 E014E034				
		N830	80	17-120	2088	M7 BG810 E014E034	3229			
		N900	90	17-120	2049	M7 BG910 E014E034				
		N930	90	17-120	2089	M7 BG910 E014E034	P5510		5810	
	Carburants pétroliers et lubrifiants synthétiques (-40/120°C)	N432	40	17-121	2184	M2 BG410 E014EF11EF21		R6855	1 40	
		N540	60	17-121	2146	M2 BG614 E014EF11EF21				PQ10061-050-00
		N640	60	17-121	2186	M2 BG610 E014EF11EF21		R6855	1 60	
		N632	60	17-121	2186	M2 BG717 E014EF11EF21	7272			PQ10061-052-00
		N740	70	17-121	2147		7270			
Carburants pétroliers, haute résistance au froid (-50/120°C)	Carburants aromatiques (-50/120°C)	N840	80	17-121	2148	M7 BG814 E014EF11EF21				
		N832	80	17-121	2188	M7 BG814 E014EF11EF21		R6855	1 80	PQ10061-054-00
	Lubrifiants, haute résistance au froid (-50/120°C)	N940	90	17-121	2149					
			40				3214			
Carburants hydrauliques, haute résistance au froid (-50/120°C)	Carburants aromatiques (-50/120°C)		60				3212			
			70				3215			
	Fluides hydrauliques, haute résistance au froid (-50/120°C)		80				3213			
Carburants pétroliers, haute résistance au froid (-50/120°C)	Carburants aromatiques (-50/120°C)		65				7271			
			70							
	Lubrifiants, haute résistance au froid (-50/120°C)									
Carburants hydrauliques, haute résistance au froid (-50/120°C)	Carburants aromatiques (-50/120°C)									

JPR SAS
Rue André Durouchez
80015 AMIENS Cedex 01

FAMILY	ENRGTY PERICAL WORK T° de Service/Working Temp	Reference JPR	Hardness DIDC	NFL French standard	EN Classe	ASTM D2000 (Choix basé sur les NFL)	A.M.S.	M.I.L.	Z.Z.R. ou A.A.-59588	WL5	MSRR	ABR	PQ
E	Fluides hydrauliques du type ester phosphorique (-55/100 °C)	E 650 E 750 E 850	60 70 80	17-241 17-241 17-241	41B6 41B7 41B8	M4 C4610 A25F19 M4 C4714 A25F19 M7 C4810 A25F18						PQ10051-205-00	
P	Résistance à l'ozone, aux intempéries et aux esters phosphoriques (-55/125 °C)	E 521 5 E 521 6 E 521 7	50 60 70	17-242-1 17-242-2 17-242-3	500IDC 600IDC 700IDC	2428 2429 2430	M4 C4610 A25 M4 C4710 A25 M4 C4810 A25	3260				ABR 40112 PQ10051-204-00	
D												ABR 40112 ABR 40112	
M													
FLUOROCARBONE	Applications générales (-20/230 °C) general purpose	K 700 K 710 K 900	75 80 90	17-164 17-164 17-160	64C8 64C8 60C9	M2 HK810 A1-10E078 M2 HK714 A1-10E078 M2 HK810 A1-10E078	3216 3216 3218	R 83248 R 83248 R 83248	1 1 1	75 75 90	5701 5805 5808		
	Résistance acide nitrique (-10/60 °C)		65	17-162	62A6								
	Résistance huiles (-10/230 °C)		80	17-165	65C8	M2 HK810 A1-10E078							
C	Lubrifiants pétroliers et agents atmosphériques (-30/120 °C)	C 300 C 400 C 500 C 600 C 700 C 800	30 40 50 60 70 80	17-131 17-131 17-131 17-131 17-131 17-131	31B3 31B4 31B5 31B6 31B7 31B8	M2 BC303 A14C12E014F17 M2 BC407 A14C12E014F17 M2 BC510 A14C12E014F17 M3 BC610 A14C12E014F17 M3 BC710 A14C12E014F17 M4 BC814 A14C12E014F17	3207 3240 3208 3241 3209 3242				5440 5505 5665 5709 5855	PQ10051-001-00 PQ10051-003-00 PQ10051-005-00	
R	Applications diélectriques (-30/100 °C)		50	17-132	32A6	M2 BC507 A14E014							
	Résistance au feu (-30/120 °C)		70	17-132	32A7	M3 BC707 A14E014	3210						
			60										
			70										
PU	resistance à l'abrasion	P 630 P 730 P 930	60 70 95									ABR 40177	
MFSSES	mousse silicone Silicone Foam	D5632N D5642N D5632G										PQ10051-034-00 ou 10051-036-00	

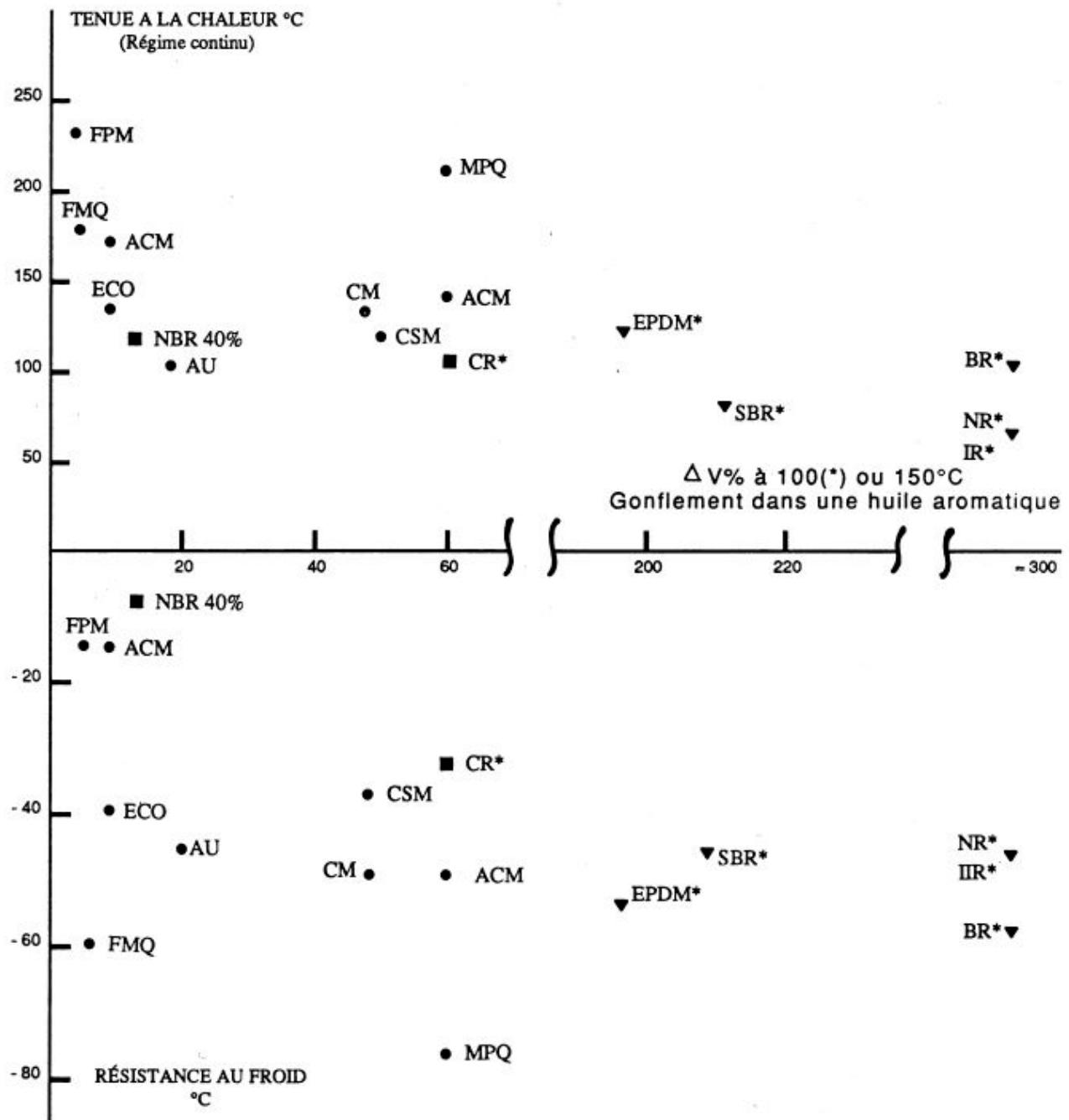


COMPARATIVE TABLES
OF THE MAIN ELASTOMERS

TABLEAUX COMPARATIFS
DES PRINCIPAUX ELASTOMERES

ABBREVIATIONS / ABREVIATIONS

NATURAL RUBBER.....	NR
POLYISOPRENE OF SYNTHESIS	IR
POLYBUTADIENE	BR
COPOLYMER BUTADIENNE-STYRENE	SBR
POLYCHLOROPRENE	CR
COPOLYMER BUTADIENE NITRILE-ACRYLIC	NBR
COPOLYMER ISOBUTENE-ISOPRENE	IIR
TERPOLYMER ETHYLENE-PROPYLENE-DIENE	EPDM
POLYETHYLENE CHLOROSULFONE	CSM
COPOLYMER OF EPICHLORHYDRINE AND OF ETHYLENE OXYDE.....	ECO
POLYURETHANES POLYESTER	AU-EU
SILICONE METHYL VINYL	MVQ
SILICONE PHENYL VINYL METHYL.....	PVMQ
FLUOROSILICONE VINYL METHYL.....	FVMQ
COPOLYMER FLUOROCARBON.....	FPM
COPOLYMER ETHYLENE ACRYLIC	AEM
COPOLYMER OF ETHYLACRYLATE	ACM
POLYETHYLENE CHLORINE	CM
ETHYLENE ACETATE OF VINYL	EVM
NITRILE HYDROGENE	HNBR





REINFORCED SEALS

JOINTS CONFECTIONNES



MATERIALS AND MAIN APPLICATIONS

Reinforced seals have originally been developed to ensure tightness on high speed and altitude flying aircraft.

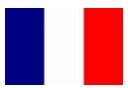
These seals are now used when operating conditions require an absolute security of tightness (extreme temperatures, intense abrasion, important fatigue, fire and so on...)

There are two types of seals :

- « Static » seals that ensure tightness between two fixed units. In most cases, abrasion resistance and excellent « compression set » are qualities required for such a use.

- « Dynamic » seals that ensure tightness between two parts which move one to the other. In that case, friction and tearing resistance together with « bending-compressive » strength are required.

The material and reinforcement are selected according to the user's requirements and operating conditions of the seal.



MATERIAUX. APPLICATIONS PRINCIPALES

Les joints confectionnés ont été initialement développés pour assurer l'étanchéité sur les avions volant à grande vitesse et à haute altitude.

Ces joints sont utilisés dans tous les cas où les conditions de travail (températures extrêmes, abrasion intensive, fatigue importante, fire etc.) exigent une sécurité absolue de l'étanchéité.

On distingue deux types de joints :

- D'une part les joints «statiques » qui, après montage, assurent l'étanchéité entre deux éléments fixes. Dans la plupart des cas, les qualités exigées pour ce type de joint sont une bonne tenue à l'abrasion et un excellent « compression set ».

- D'autre part, les joints «dynamiques » qui assurent l'étanchéité entre deux pièces ayant un mouvement relatif entre elles. Dans ce cas, il est demandé d'avoir une bonne tenue au frottement, au déchirement et aux mouvements «flexion - compression ».

Le choix du matériau et du renforcement est déterminé, après consultation auprès de l'utilisateur, par les conditions de travail du joint.

 Fabrication enables to provide standard reinforced profiles or parts in different forms:

Reinforced seals :

All the profiles illustrated p.19 are moulded in silicone with reinforcements available in a various range of fabrics.

All sections are produced in a standard length of 3 meters straight, but any other length can be supplied on request.

Reinforced shaped parts :

They can be produced from the above-mentioned profiles in order to achieve seals shaped by angle moulding, sticking or cutting in case the straight length seal cannot be fitted without preforming.

In that case, specific tooling has to be provided.

Any other parts are also available: sleeves, hoses, bellows, etc...

These parts are made with one or several covers of fabric impregnated or coated with elastomer which is selected according to the use.

The number of covers also depends on the pression used, temperature and fire resistance.

- ■ La confection permet d'obtenir soit des profilés renforcés, proposés de manière standard, soit des pièces de formes diverses :

Profilés confectionnés :

Tous les profilés présentés p.19 peuvent être moulés en silicone, Fluorosilicone ou autres élastomères avec différents renforcements tissus, composites ou métalliques.

Toutes les sections sont réalisées de manière standard en longueur droite de 3 mètres, mais toute autre longueur peut être réalisée à la demande.

Pièces de forme confectionnées :

Elles peuvent être obtenues à partir des profilés ci-dessus pour obtenir des joints en forme, par moulage d'angles, collages, découpages, dans le cas où le joint en longueur droite ne peut pas accepter le contour de montage sans préformage.

Dans ce cas, un outillage spécifique est à prévoir.

Toutes autres pièces peuvent également être obtenues : manchons, durites, soufflets, etc...

Ces pièces sont réalisées avec un ou plusieurs plis de tissus imprégnés ou enduits d'un élastomère dont la nature dépend de l'utilisation.

Le nombre de plis dépend également de la pression d'utilisation, de la température, de la résistance au feu.



SILICONE ELASTOMERS / LES ELASTOMERES SILICONE

Typical property data of the various «silicone elastomers » available:

Pour répondre aux différentes utilisations rencontrées, plusieurs types de formulation «élastomère silicone» sont employés selon le tableau ci-dessous :

Standard use	General use EN 2259 (50D5) NFL 17-250-2	High mechanical property EN 2262 (52D5) NFL 17-250-6	Fuel resistanc e NFL 17-261 (61D6)	Nonflam-mable NFL 17153 Class. 53D5	Nonflam-mable temperatur e
Silicone References	B 452 D 500	B 587	D 585	Fluorosil. F600	D 590
Characteristics	Unit				
DIDC hardness		50	55	65	50
Breaking resistance	MPA	5.6	5	5.5	8
Breaking elongation	%	250	250	125	500
Modulus à 100%	MPA				
Tearing resistance	daN/c		30	6.5	13.6
Voluminal mass	m g/cm ³	1.17	1.20	1.54	1.21
DRC					
22 H/150°C					
70 H/150°C					
70 H/ 100°C					
Immersion :					
• ASTM1 H/150°C	70	ΔV%	+2/+8	+10	+12
• SKYDROL 500b 168 H à 70°C			+15	+20	+44
• Fuel B 96 H à 40°C					
• TRI(N) BUTYL 22 H/100°C				+30	+6
Nonflammability test	mm/s				
Cold test					1.06

This table is not restrictive. Reinforced seals can be produced in EPDM E521 NFL 17142 Class 42B6.

Ce tableau n'est pas exhaustif. Des joints peuvent être réalisés en EPDM E521 NFL 17142 CI 42B6.

 FABRICS

7 main types of fabrics are used to strengthen silicone seals:

- Polyester fabrics
- Glass fabrics
- Nomex® fabrics
- Kevlar® fabrics
- Ceramic fabrics
- Carbon fabrics
- Conductive fabrics

Each grade provides a specific property to the seal as regards mechanical strength or heat resistance.

 LES RENFORTS TISSUS

Pour renforcer les joints en silicone, on utilise 7 principaux types de tissus :

- *les tissus polyesters*
- *les tissus de Verre*
- *les tissus Nomex®*
- *Les tissus Kevlar®*
- *les tissus céramiques*
- *les tissus carbones*
- *Les tissus conducteurs*

Chacun de ces tissus permet d'apporter au joint une propriété particulière, du point de vue de la tenue mécanique ou thermique.



a) Polyester fabrics

PRF 89 : to strengthen seals providing a good tearing resistance combined with flexibility.

PRF 90 : to achieve a better stiffness, for lip seals in particular.

PRF 91 : usually laid on the seal surface for good resistance to abrasion.

This fabric can undergo a specific treatment LFT (Low Friction treatment) for a good friction ratio (about 0.2). If so, it is named **PRF91 LFT**.

These fabrics can operate up to 180°C.

NOTA: In the standard version, seals are made of silicone (ref. B452) reinforced with polyester fabrics (PRF 89 and/or PRF 91).

a) Les tissus polyesters

PRF 89 : pour le renforcement des joints de manière à leur apporter une bonne résistance au déchirement tout en conservant une grande souplesse.

PRF 90 : pour obtenir une meilleure «nervosité» principalement dans le cas des joints à lèvres.

PRF 91 : Il est généralement placé en surface pour donner au joint une bonne résistance à l'abrasion.

Pour assurer un bon coefficient de frottement (0,2 environ), ce tissu peut subir un traitement spécial LFT (Low Friction Treatment). Sa dénomination devient alors **PRF 91 LFT**.

Ces tissus permettent des utilisations jusqu'à 180°.

NOTA : Dans leur version standard, les joints sont réalisés en silicone (réf. B452) renforcé avec des tissus polyesters (PRF 89 et/ou PRF 91).



b) Glass fabrics

PRF 43
PRF 56

The selection of fabric depends on the part to be manufactured - Please contact us -.

They are suitable for:

- applications over 180°C
- flame resistance

b) *Les tissus de Verre*

PRF 43
PRF 56

Le choix de l'un ou de l'autre de ces tissus dépend du type de pièce à réaliser - Nous consulter.

L'emploi des tissus de verre permet :

- des utilisations à des températures supérieures à 180°
- une bonne résistance à la flamme



c) Nomex® fabrics

FX 218
FX 220

They are used at high temperatures (up to 250°C) while providing the same flexibility to the seal as polyester fabrics.

c) *Les tissus Nomex®*

FX 218
FX 220

Ces tissus sont employés dans le cas d'utilisation sous des températures élevées (jusqu'à 250°C) tout en conservant au joint une souplesse analogue à celle obtenue avec les tissus polyesters.



d) Kevlar® fabrics

PRF 97

PRF 98

Kevlar® fabrics offer high mechanical strength, while maintaining flexibility.

The temperature resistance is also very good, up to 300°C.



d) Les tissus Kevlar®

PRF 97

PRF 98

Les tissus Kevlar® permettent d'offrir une haute résistance mécanique, tout en conservant la souplesse.

La tenue en température est également très bonne, jusqu'à 300°C.



e) Ceramic fabrics

PRF 62

PRF 63

They are found in applications at high temperatures but with low mechanical strains, particularly where high fire resistance is required.



e) Les tissus Céramiques

PRF 62

PRF 63

Ils sont réservés pour des utilisations à haute température sous de faibles contraintes mécaniques, et surtout lorsqu'une importante tenue feu est exigée .



f) Carbon fabrics

FX 420

Carbon fabrics is an alternative to pass the fire certification test.



f) Les tissus Carbones

FX 420

Les tissus carbones sont une alternative pour permettre le passage des certifications feu.



g) Conductive fabrics

FX 319

PRT 93

PRT 92

Monel

These metallised fabrics are laid on the seal surface providing peripheral electrical conductivity.

Those seals are used in electromagnetic screening.



g) Les tissus conducteurs

FX 319

PRT 93

PRT 92

Gaine Monel

Il s'agit de tissus métallisés, qui, placés en surface du joint, lui confèrent une conductivité électrique périphérique.

Les joints renforcés de ces tissus sont utilisés pour des applications de blindages électromagnétiques.



h) Other reinforcements

In specific applications, the seal can be reinforced with a metallic part or composite (glass/epoxy for example) in order to improve fixing or stiffness:

Glass/Polyester : PRT 73

Epoxy/Vitre : PRT 64, PRT 60

Epoxy/Carbone :



h) Autres renforts

Dans certains cas, afin d'améliorer la fixation ou la rigidité, le joint peut être renforcé par un élément métallique ou composite :

Verre/Polyester : PRT 73

Epoxy/Vitre : PRT 64, PRT 60

Epoxy/Carbone : PRT85, PRT 56

REINFORCED SEALS PROFILES CONFECTIONNÉS

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HUTCHINSON®

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21-47	124									71-27	120
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										71-37	122



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<u>72-</u>		<u>73-</u>		<u>73-</u>		<u>74-</u>		<u>74-</u>		<u>74-</u>	
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72-14	85	73-13	95	73-107	95	74-10	33	74-103	39	74-210	29
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72-27	87	73-19	92	73-115	91	74-16	49	74-113	39	74-216	31
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88-65	63	88-167	73	88-263	58	88-399	71				
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MUSIC NOTE-SHAPED PROFILES

These profiles are manufactured by moulding for a homogeneous structure and a dimensional stability.

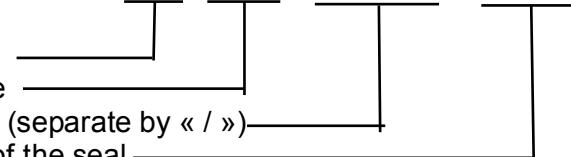
If need be, the thickness of the bubble lining can be altered by changing the internal diameter according to crushing stresses. However, the bubble never must be less than 1 mm thick.

Seals can be made to any geometry from these profiles by moulding of angles, sticking, cutting...

EXAMPLE OF DESIGNATION

7485 B452+PRF89/91 Lg3000

Profile reference



Material reference

Fabric references (separate by « / »)

Extended length of the seal

PROFILES NOTE DE MUSIQUE

Ces profilés sont réalisés par moulage pour assurer une homogénéité de structure et une régularité dimensionnelle.

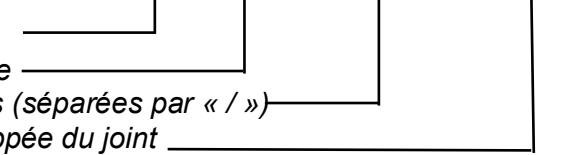
L'épaisseur de la paroi de la bulle peut être modifiée, au besoin, par variation du diamètre intérieur, afin d'adapter les efforts d'écrasement. Toutefois, l'épaisseur de la bulle ne doit jamais être inférieure à 1 mm.

Il est possible, à partir de ces profils, de réaliser des joints de toutes formes par moulage d'angles, collage, découpage etc...

EXEMPLE DE DESIGNATION

7485 B452+PRF89/91 Lg3000

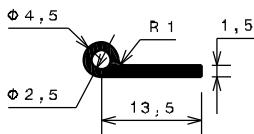
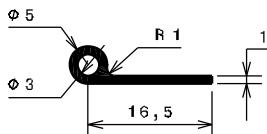
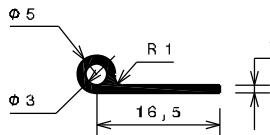
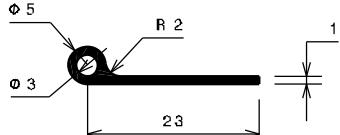
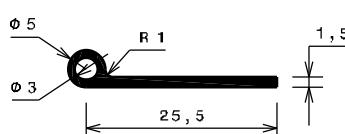
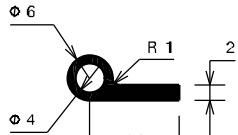
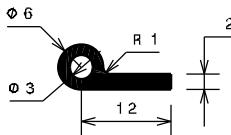
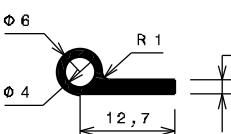
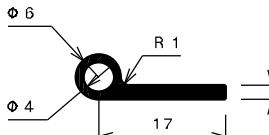
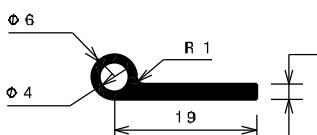
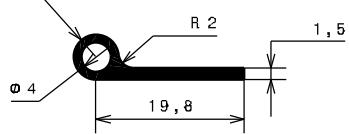
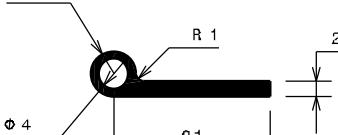
Référence profilé

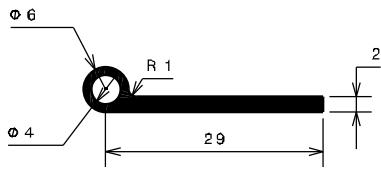
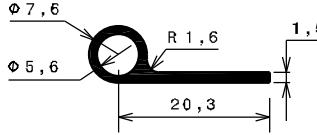
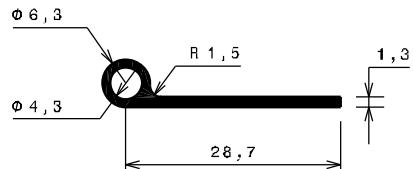
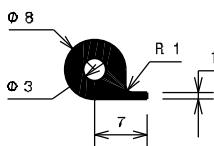
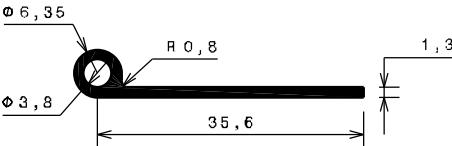
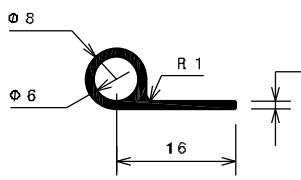
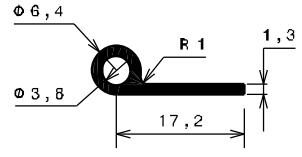
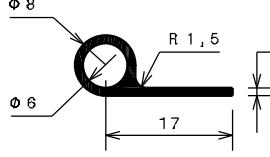
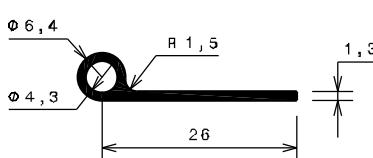
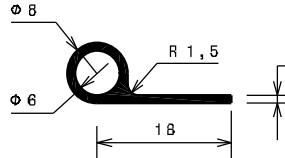
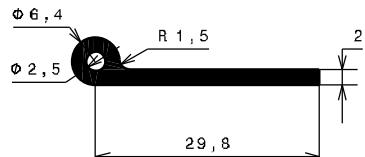
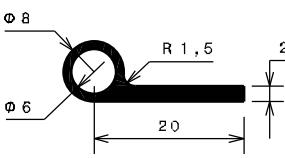


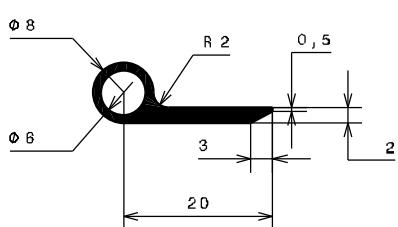
Référence matière

Références tissus (séparées par « / »)

Longueur développée du joint

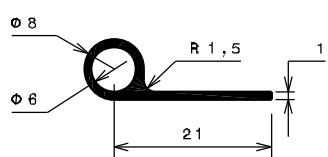
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	74-209	Lg moule : 3350
	74-76	Lg moule : 1500
	74-41	Lg moule : 3350 3400
	74-274	Lg moule : 3350
	74-318	Lg moule : 3350 650
	74-79	Lg moule : 3350 3400
	74-119	Lg moule : 3350 3400
	74-391	Lg moule : 300
	74-36	Lg moule : 3350 3400

SECTIONS	REF
	74-408 Lg moule : 3350
	74-364 Lg moule : 3350 650
	74-343 Lg moule : 3350 650
	74-123 Lg moule : 3000 3100 3300 3400
	74-109 Lg moule : 3100
	74-01 Lg moule : 3400 3300 3100 3000
	74-271 Lg moule : 3300
	74-23 Lg moule : 3000 3100 3300 3400
	74-332 Lg moule : 2700
	74-22 Lg moule : 3000 3100 3300 3400
	74-371 Lg moule : 3200
	74-72 Lg moule : 3300 3400

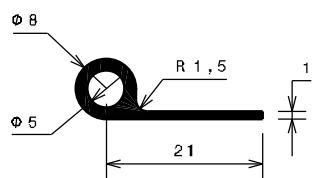
SECTIONS**REF**

74-381

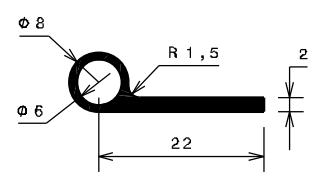
Lg moule : 3350



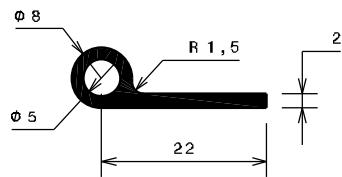
74-25

Lg moule : 3000
3100
3300
3400

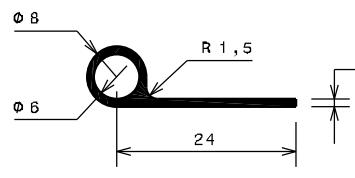
74-48

Lg moule : 3000
3100
3300
3400

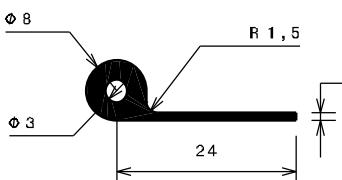
74-20

Lg moule : 3300
3400

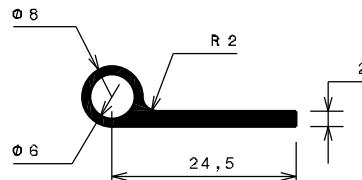
74-95

Lg moule : 3300
3400

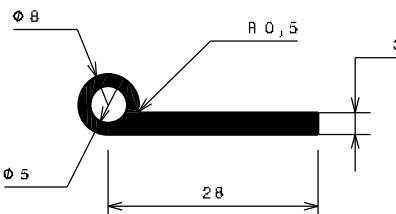
74-07

Lg moule : 3000
3100
3300
3400**SECTIONS****REF**

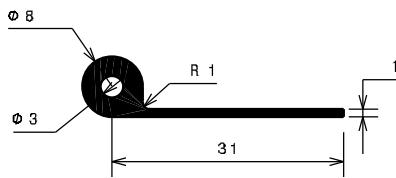
74-77

Lg moule : 3000
3100
3300
3400

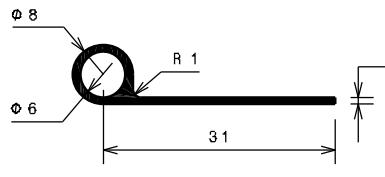
74-13

Lg moule : 3300
3400

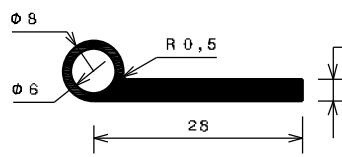
74-382

Lg moule : 3350
650

74-98

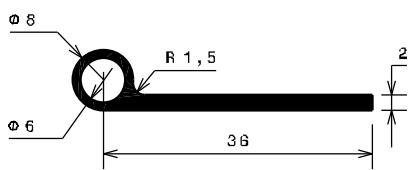
Lg moule : 3100
3300
3400

74-150

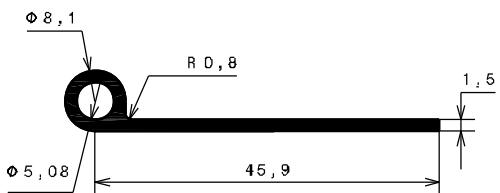
Lg moule : 3100
3300
3400

74-346

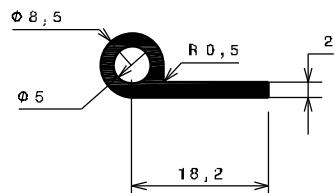
Lg moule : 3350
650

SECTIONS**REF**

74-305

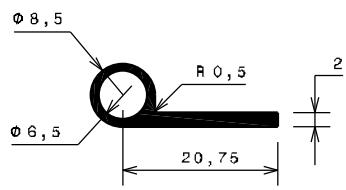
Lg moule : 3350
650

74-316

Lg moule : 3350
650

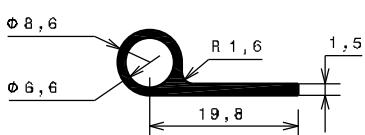
74-303

Lg moule : 3350

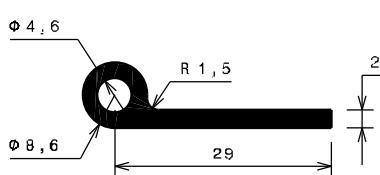


74-89

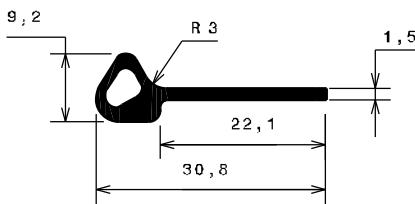
Lg moule : 3200



74-365

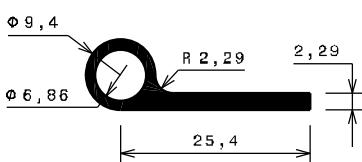
Lg moule : 3350
650

74-334

Lg moule : 3350
650**SECTIONS****REF**

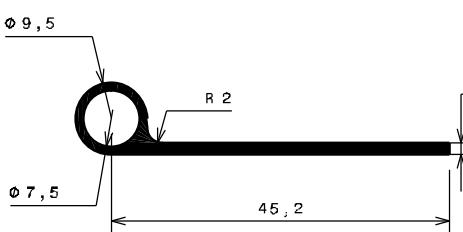
74-363

Lg moule : 3350

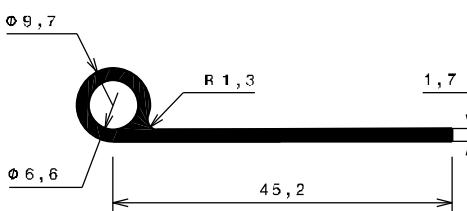


74-429

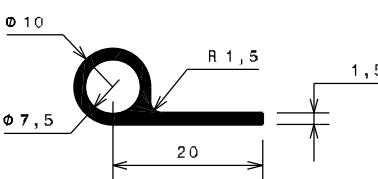
Lg moule : 3350



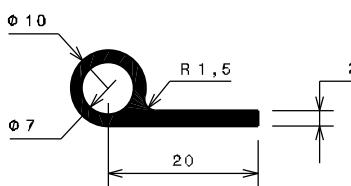
74-339

Lg moule : 3350
650

74-342

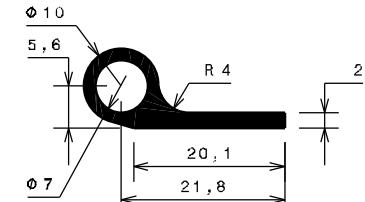
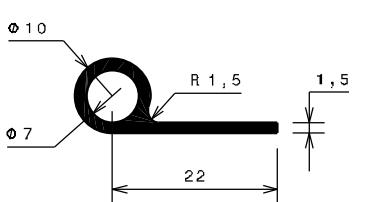
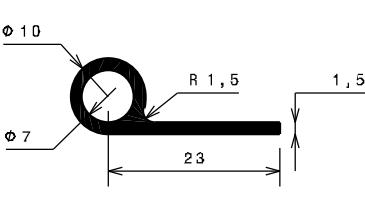
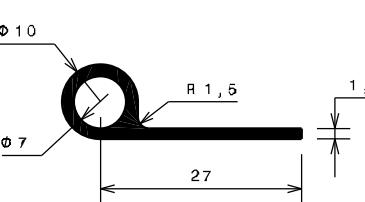
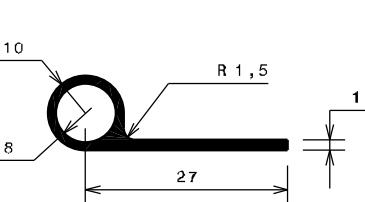
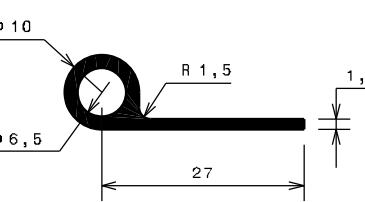
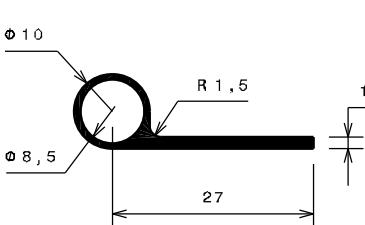
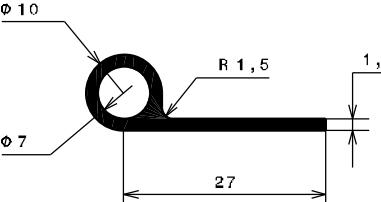
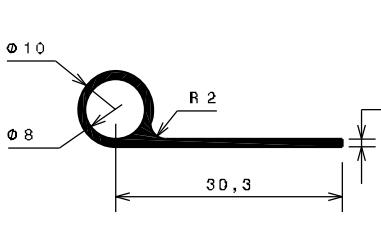
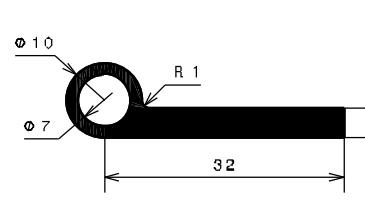
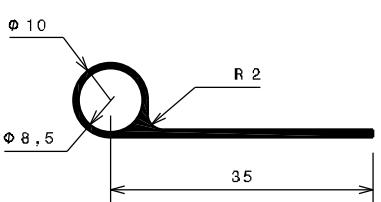
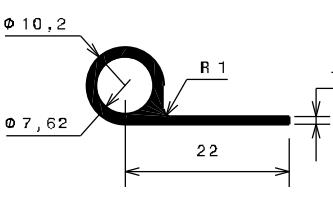
Lg moule : 3350
650

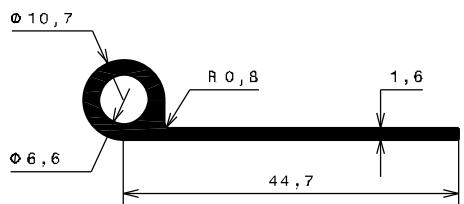
74-108

Lg moule : 3200
3350
3400

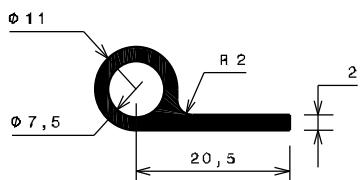
74-244

Lg moule : 3350
650

SECTIONS	REF
	74-210 Lg moule : 2000
	74-175 Lg moule : 3200 3350 3400
	74-188 Lg moule : 3200 3350 3400
	74-39 Lg moule : 3200 3350 3400
	74-96 Lg moule : 3200 3350 3400
	74-193 Lg moule : 3200 3350 3400
	74-163 Lg moule : 3200 3350 3400
	74-380 Lg moule : 3300
	74-205 Lg moule : 3100
	74-353 Lg moule : 3350 650
	74-81 Lg moule : 3100
	74-292 Lg moule : 3350 650

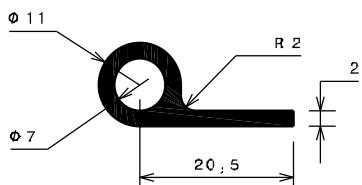
SECTIONS**REF**

74-315

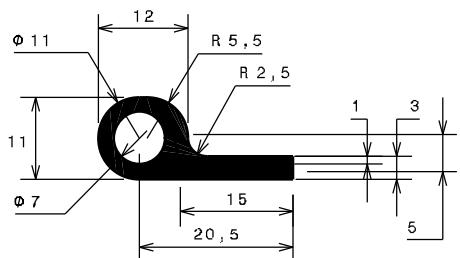
Lg moule : 3350
650

74-03

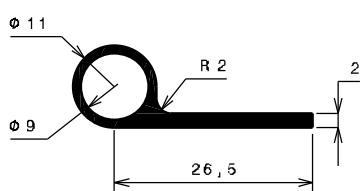
Lg moule : 3400



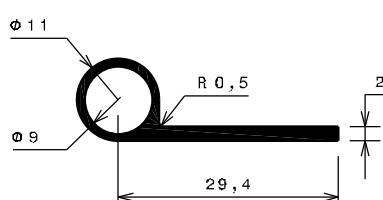
74-14

Lg moule : 3300
3400

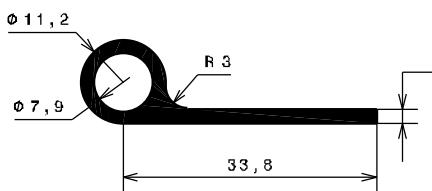
74-83



74-15

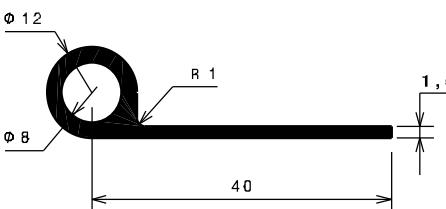
Lg moule : 3300
3400

74-304

Lg moule : 3350
650**SECTIONS****REF**

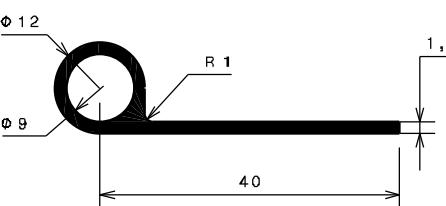
74-415

Lg moule : 3350



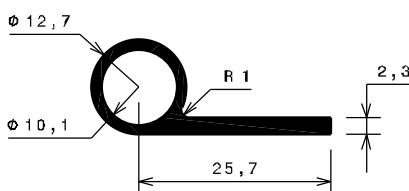
74-211

Lg moule : 3400



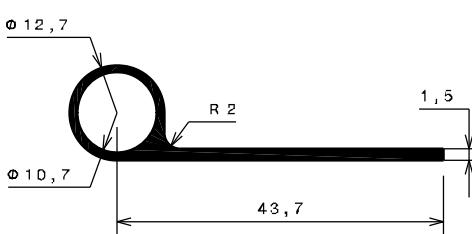
74-195

Lg moule : 3400

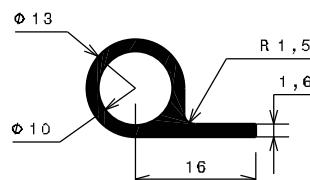


74-291

Lg moule : 3200

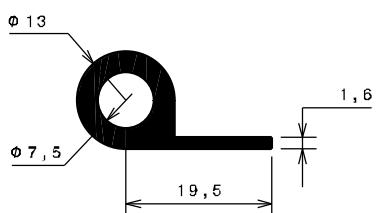


74-340

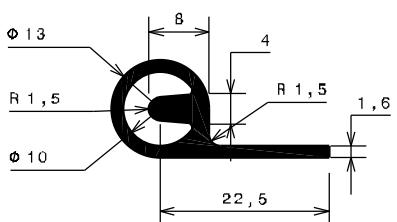
Lg moule : 3350
650

74-56

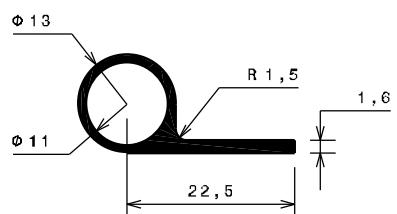
Lg moule : 3200
3400

SECTIONS**REF**

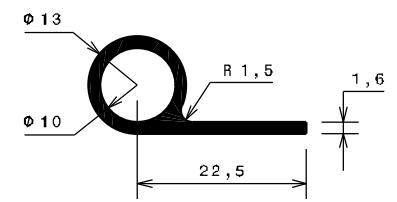
74-216

Lg moule : 3200
3400

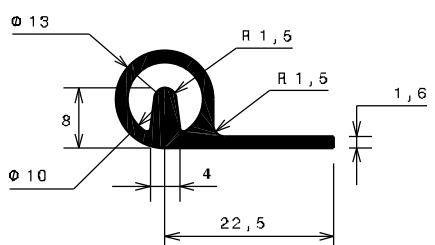
74-87

Lg moule : 3200
3400

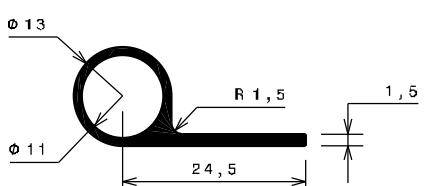
74-99

Lg moule : 3200
3400

74-73

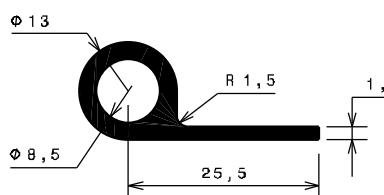
Lg moule : 3200
3400

74-84

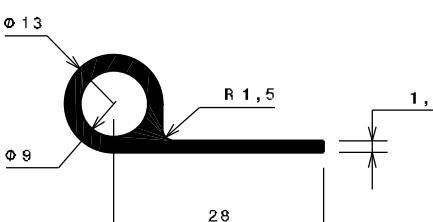
Lg moule : 3200
3400

74-170

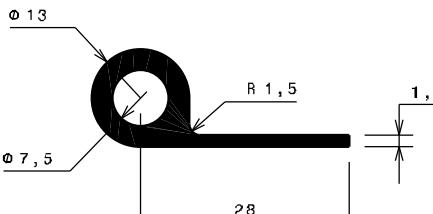
Lg moule : 3200

SECTIONS**REF**

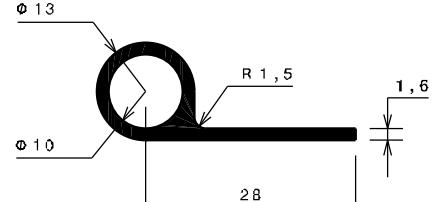
74-33

Lg moule : 3200
3400

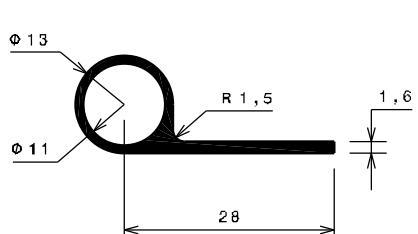
74-179

Lg moule : 3200
3400

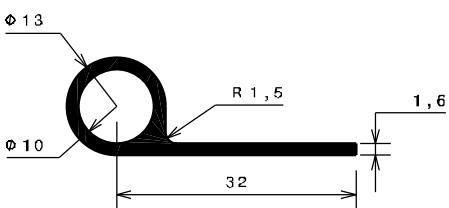
74-191

Lg moule : 3200
3400

74-05

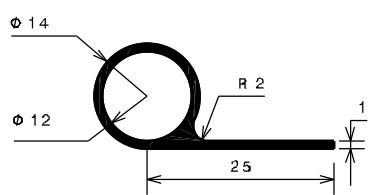
Lg moule : 3200
3400

74-27

Lg moule : 3200
3400

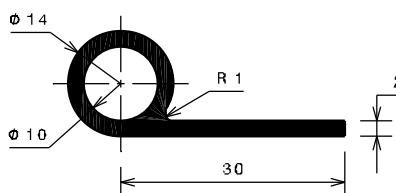
74-104

Lg moule : 3400

SECTIONS**REF**

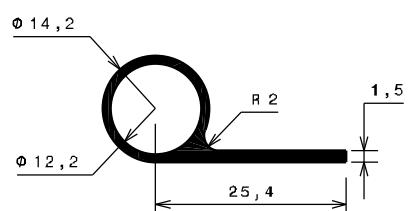
74-411

Lg moule : 1500



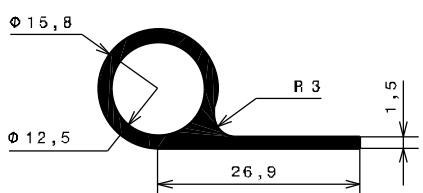
74-376

Lg moule : 3350

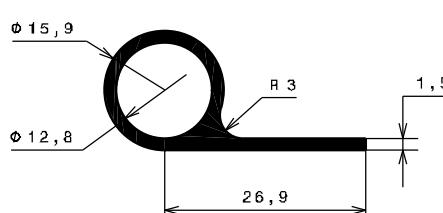


74-162

Lg moule : 3400

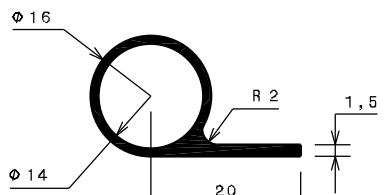


74-352

Lg moule : 3350
650

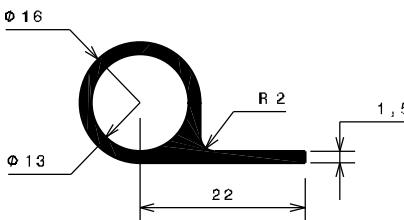
74-416

Lg moule : 3350

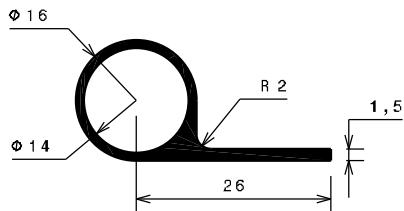


74-325

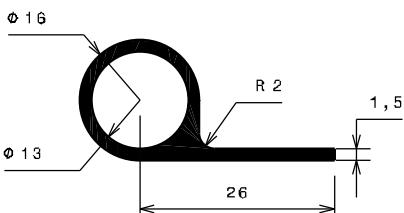
Lg moule : 3350

SECTIONS**REF**

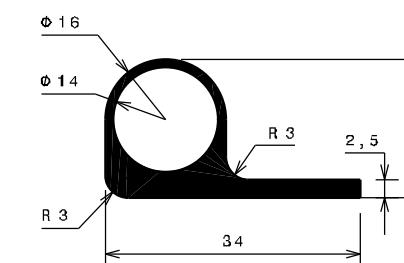
74-116

Lg moule : 3100
3400

74-100

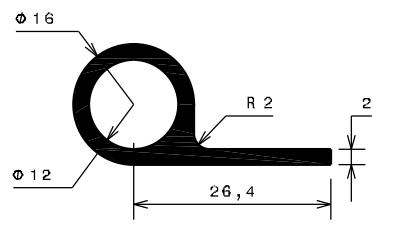
Lg moule : 3100
3400

74-06

Lg moule : 3400
3100

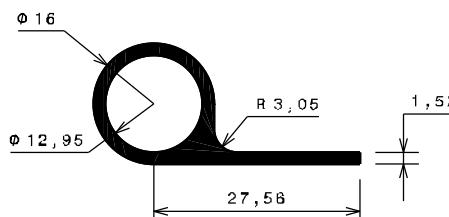
74-75

Lg moule : 3200



74-297

Lg moule : 3300



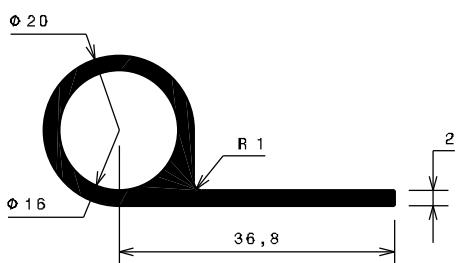
74-407

Lg moule : 3350

SECTIONS	REF	
	74-206	Lg moule : 3400
	74-40	Lg moule : 3300 3400
	74-85	Lg moule : 3100
	74-275	Lg moule : 3000
	74-180	Lg moule : 3100
	74-10	Lg moule : 3300 3400
	74-129	Lg moule : 3400
	74-222	Lg moule : 3000
	74-121	Lg moule : 3400
	74-107	Lg moule : 3300 3400
	74-198	Lg moule : 3400
	74-34	Lg moule : 3300 3400

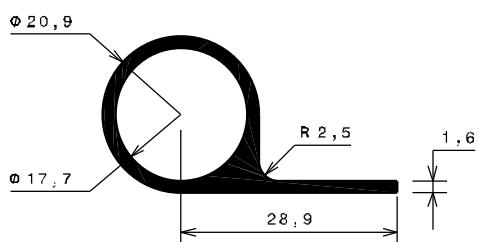
SECTIONS	REF
	74-288 Lg moule : 3350
	74-300 Lg moule : 3300
	74-412 Lg moule : 3350 650
	74-272 Lg moule : 350
	74-204 Lg moule : 3400
	74-132 Lg moule : 3400

SECTIONS	REF
	74-289 Lg moule : 3350
	74-230 Lg moule : 3350
	74-186 Lg moule : 3400
	74-421 Lg moule : 3000
	74-268 Lg moule : 3000
	74-226 Lg moule : 3350

SECTIONS**REF**

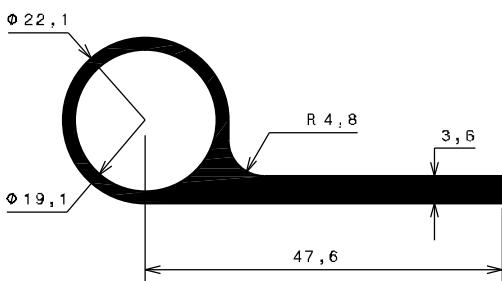
74-338

Lg moule : 3200

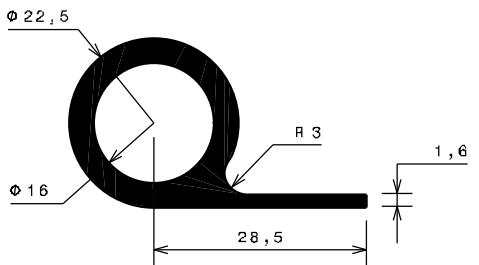


74-269

Lg moule : 3000

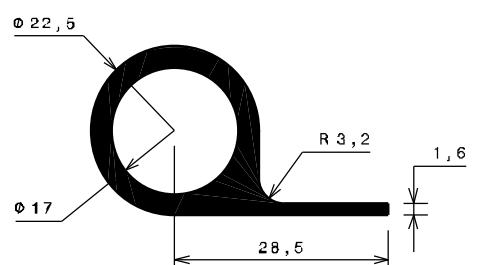


74-350

Lg moule : 3350
650

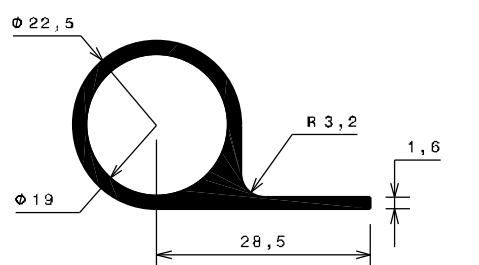
74-201

Lg moule : 3100



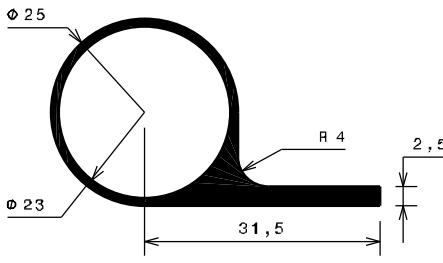
74-192

Lg moule : 3100



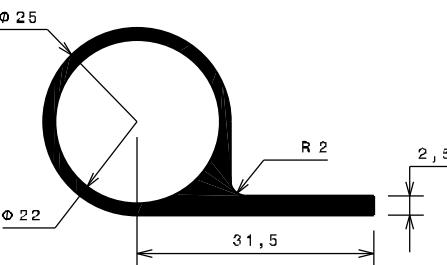
74-110

Lg moule : 3100

SECTIONS**REF**

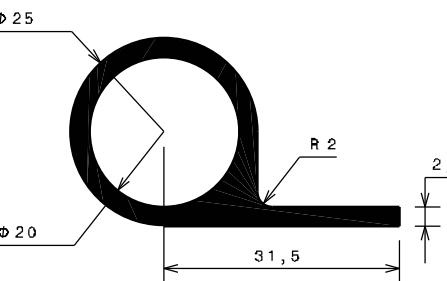
74-166

Lg moule : 3200



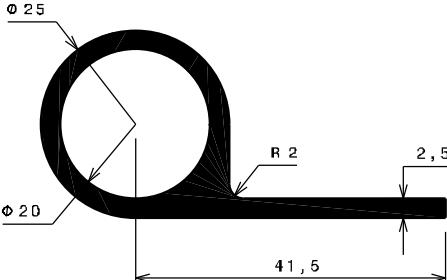
74-183

Lg moule : 3200



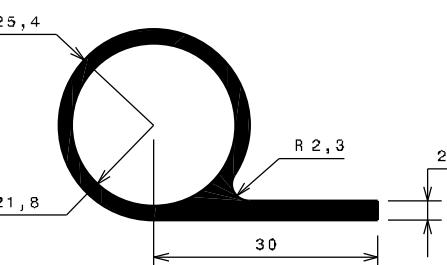
74-38

Lg moule : 3200

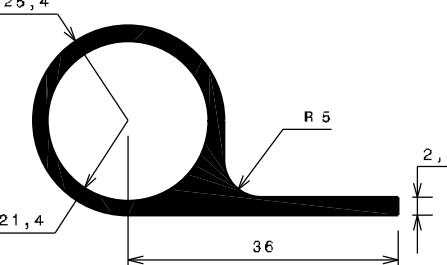


74-249

Lg moule : 3400

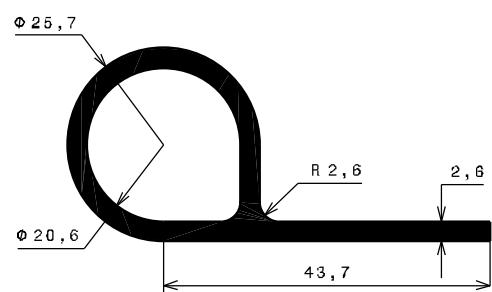
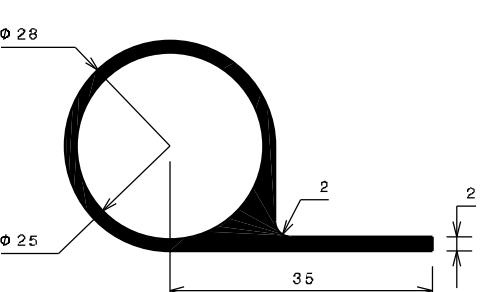
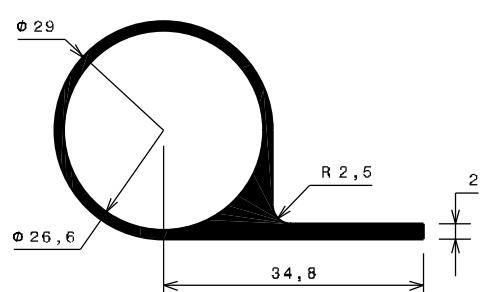
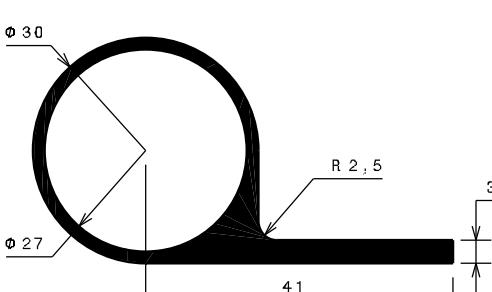
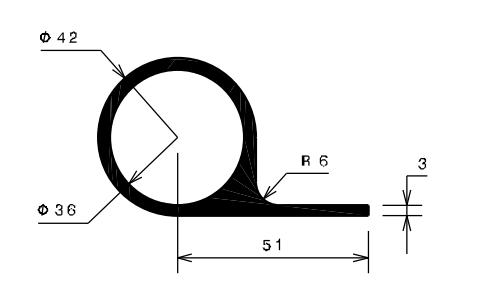


74-330

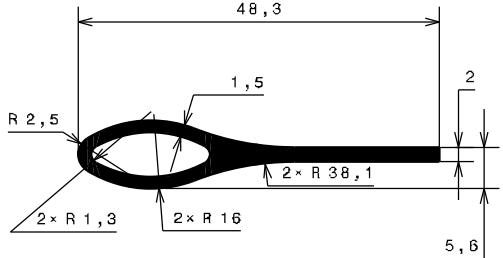
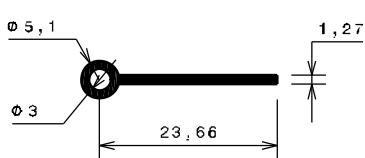
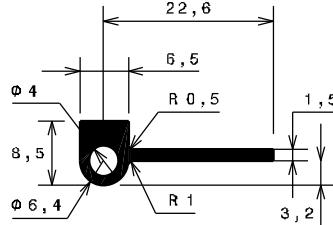
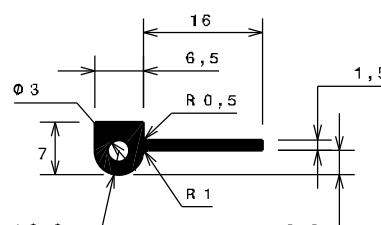
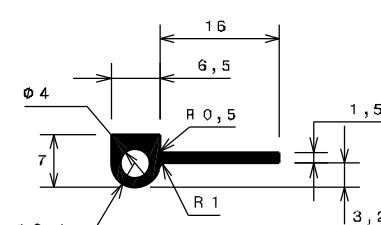
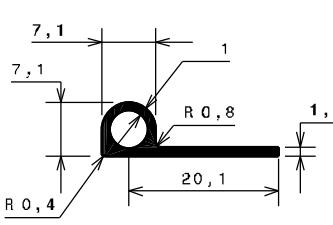
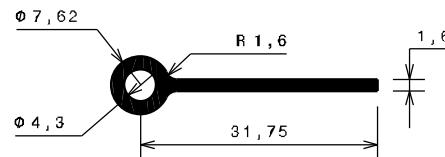
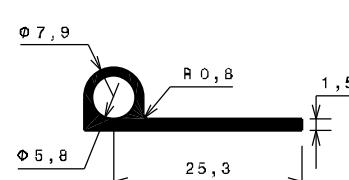
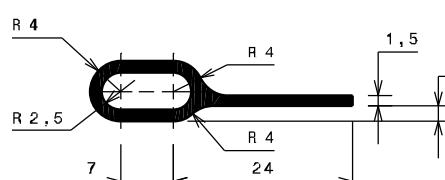
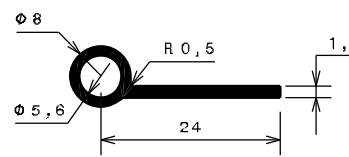
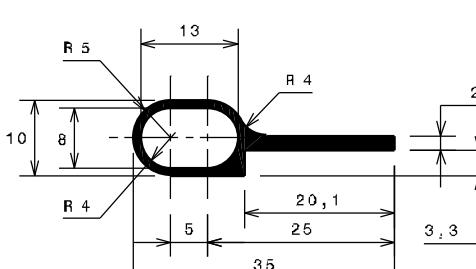
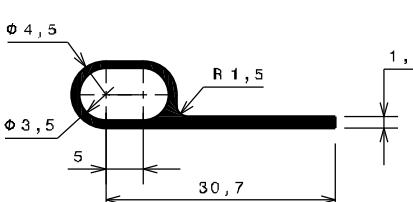
Lg moule : 3350
650

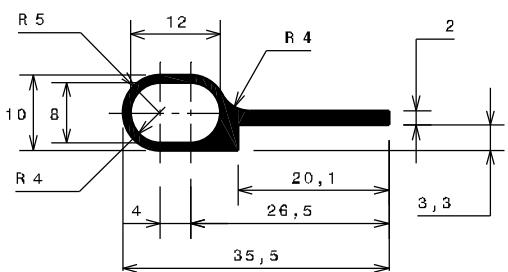
74-133

Lg moule : 3400

SECTIONS	REF
	74-285 Lg moule : 2000
	74-29 Lg moule : 3300
	74-241 Lg moule : 1500
	74-101 Lg moule : 3200
	74-228 Lg moule : 3350

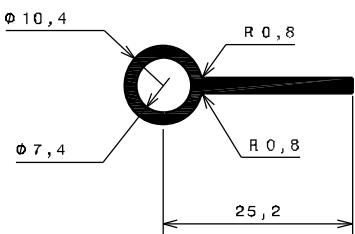
SECTIONS	REF

SECTIONS	REF	
	74-413	Lg moule : 3350
	74-215	Lg moule : 500
	74-310	Lg moule : 3350 650
	74-88	Lg moule : 3100
	74-134	Lg moule : 3100
	74-431	Lg moule : 3350
	74-164	Lg moule : 3200
	74-307	Lg moule : 3350
	74-24	Lg moule : 3300
	74-278	Lg moule : 3000
	74-213	Lg moule : 600
	74-203	Lg moule : 800 1700

SECTIONS**REF**

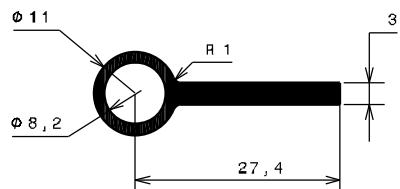
74-212

Lg moule : 600

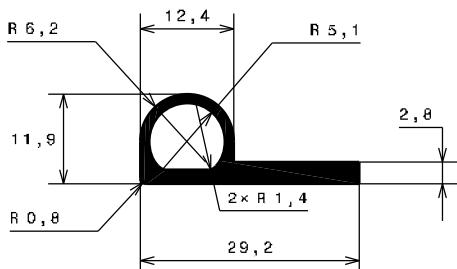


74-402

Lg moule : 1500

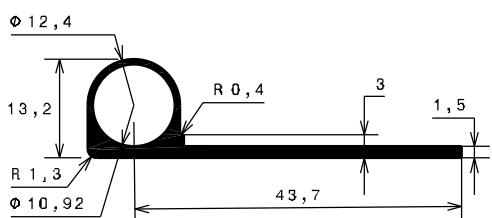


74-351

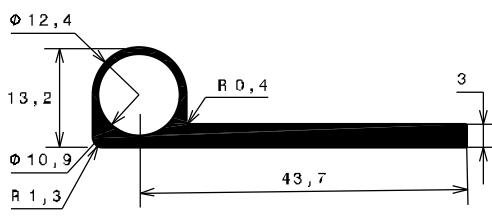
Lg moule : 3350
650

74-389

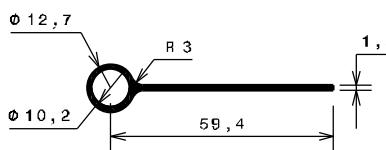
Lg moule : 540



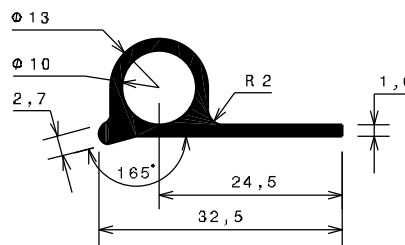
74-314

Lg moule : 3350
650

74-313

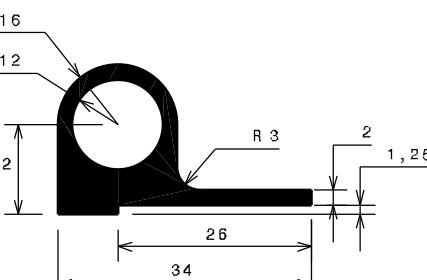
Lg moule : 3350
650**SECTIONS****REF**

74-333

Lg moule : 3350
650

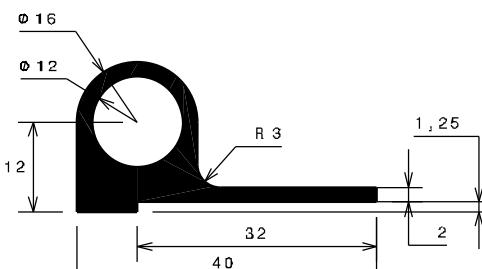
74-256

Lg moule : 3400



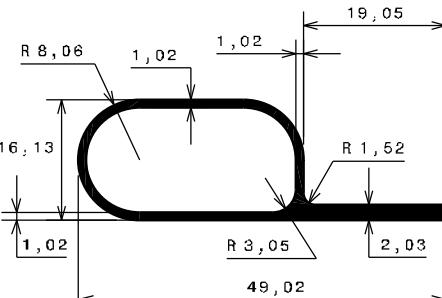
74-178

Lg moule : 3400



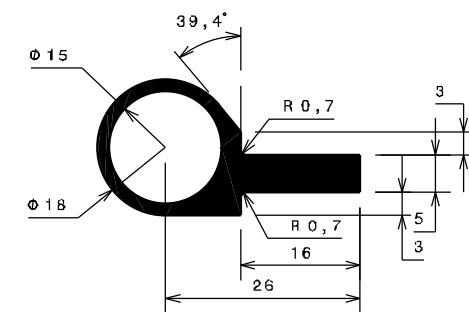
74-131

Lg moule : 3400



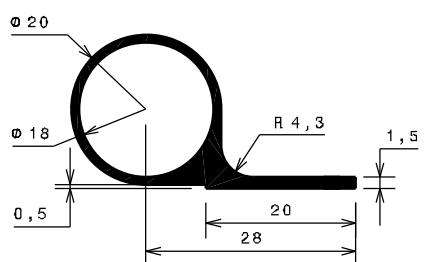
74-224

Lg moule : 3350

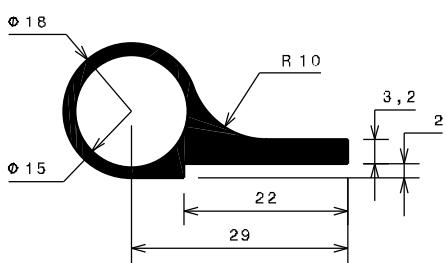


74-225

Lg moule : 1500

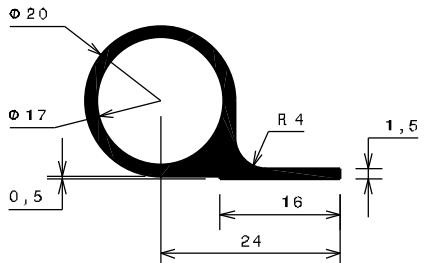
SECTIONS**REF**

74-296

Lg moule : 3350
650

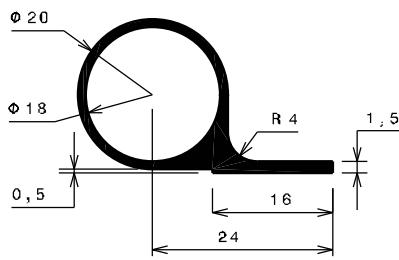
74-97

Lg moule : 3100



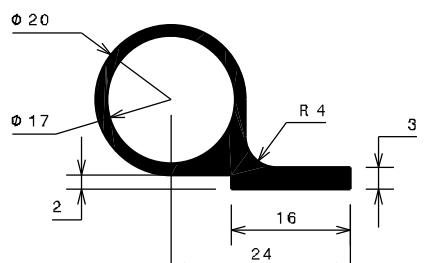
74-103

Lg moule : 3100



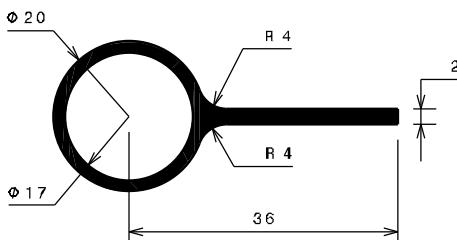
74-18

Lg moule : 3100



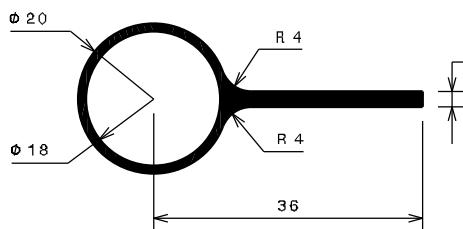
74-02

Lg moule : 3100



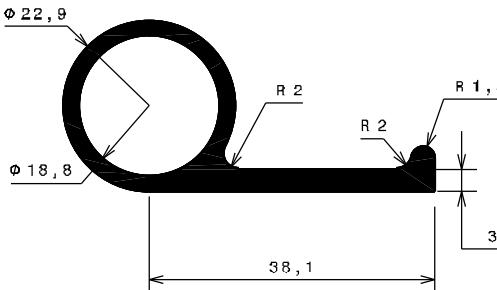
74-113

Lg moule : 3300

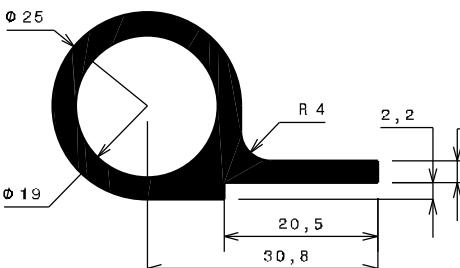
SECTIONS**REF**

74-11

Lg moule : 3300

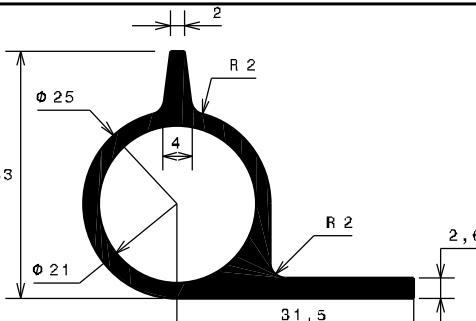


74-405

Lg moule : 3350
650

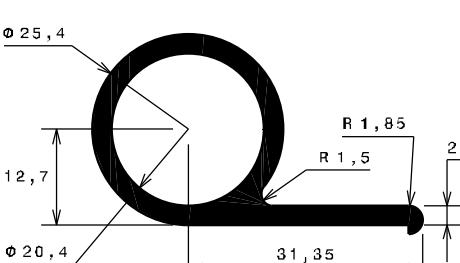
74-280

Lg moule : 3400



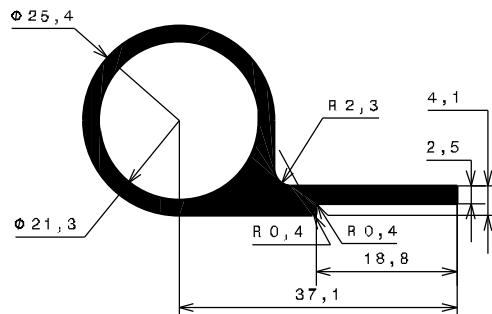
74-189

Lg moule : 1500



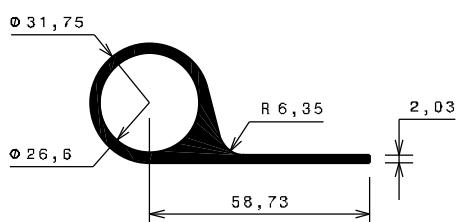
74-273

Lg moule : 600

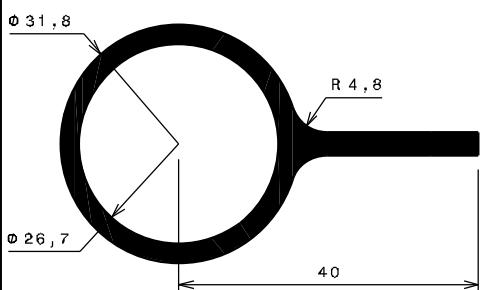


74-392

Lg moule : 1550

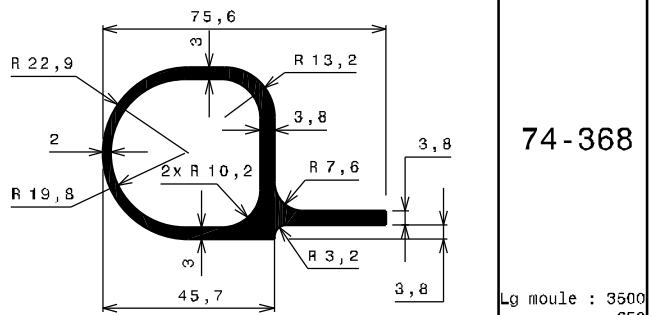
SECTIONS**REF**

74-290

Lg moule : 3350
650

74-312

Lg moule : 1950

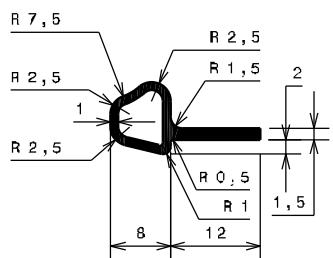


74-368

Lg moule : 3500
650**SECTIONS****REF**

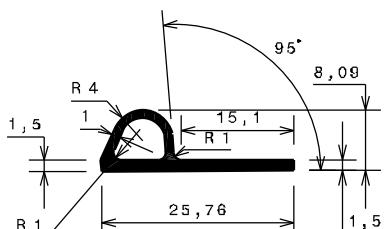
SECTIONS

REF



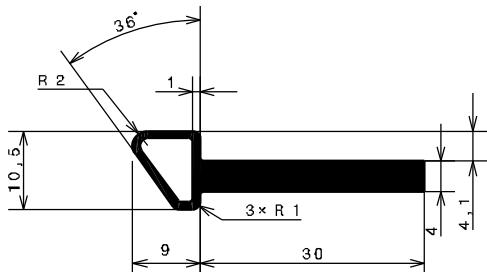
74-337

Lg moule : 1200



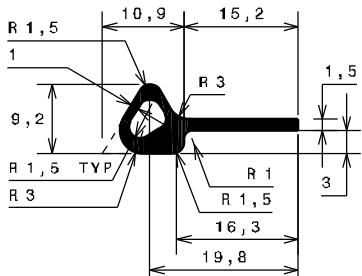
74-237

Lg moule : 3000



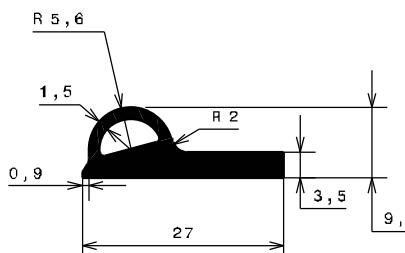
74-354

Lg moule : 2000



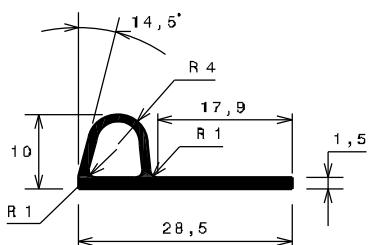
74-331

Lg moule : 3350
650



74-401

Lg moule : 600

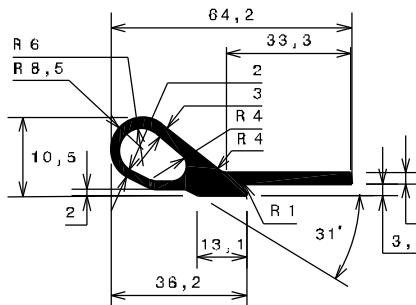


74-266

Lg moule : 3350

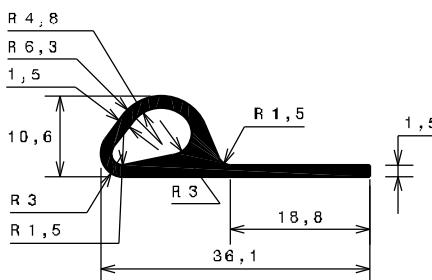
SECTIONS

REF



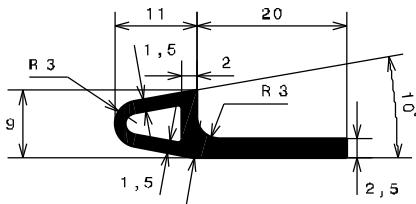
74-279

Lg moule : 3000



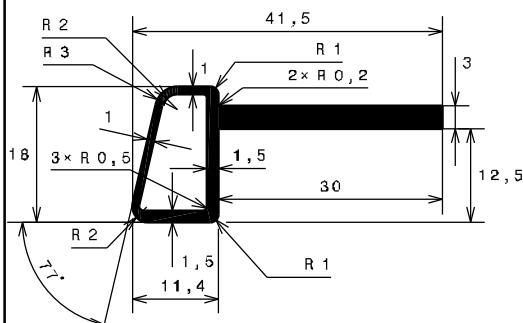
74-329

Lg moule : 3350
650



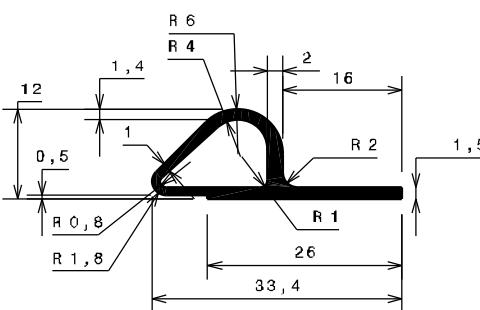
74-378

Lg moule : 2000



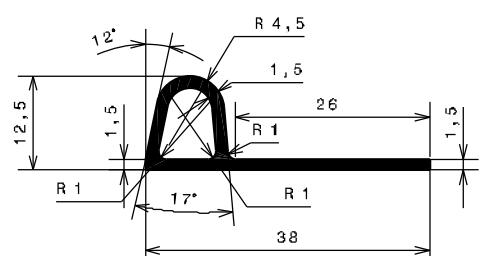
74-375

Lg moule : 2000



74-12

Lg moule : 3100
3300

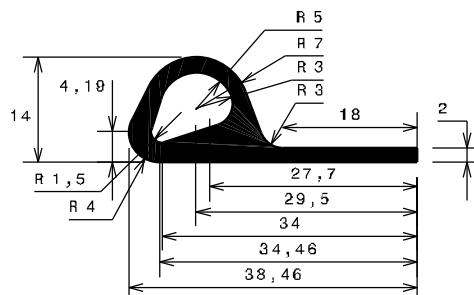


74-388

Lg moule : 3000

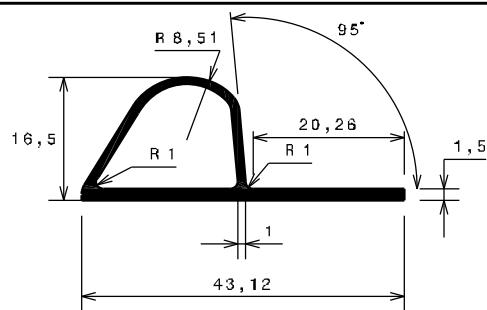
SECTIONS

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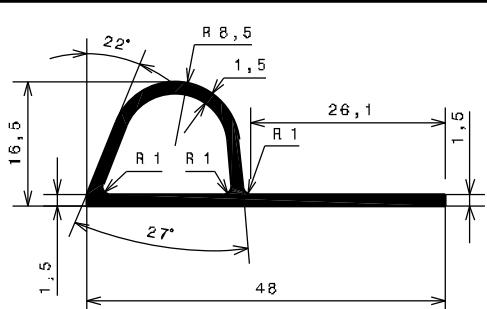
74-218

Lg moule : 3350



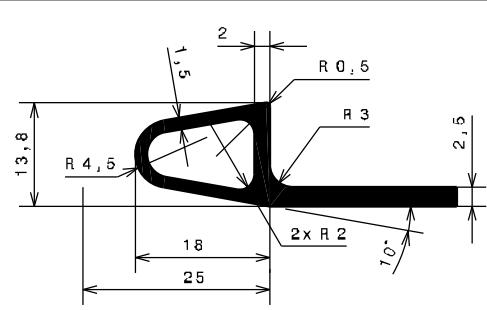
74-265

Lg moule : 3350



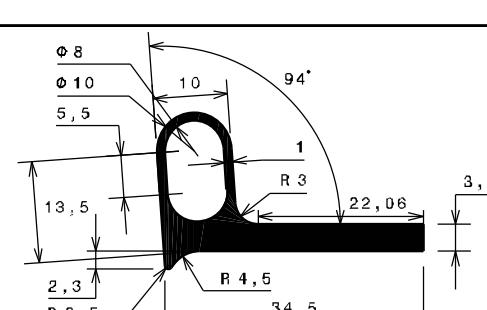
74-387

Lg moule : 3000



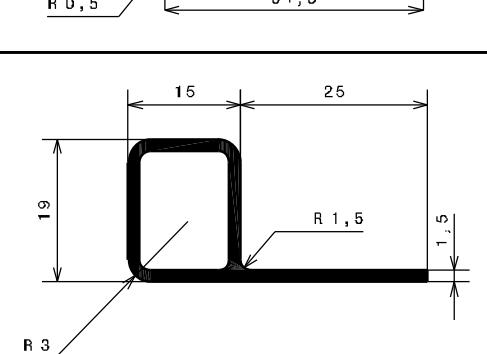
74-377

Lg moule : 3350



74-44

Lg moule : 3400

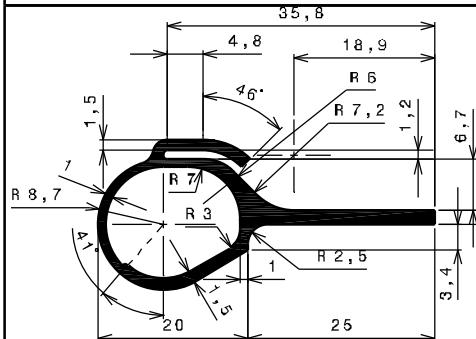


74-373

Lg moule : 3350

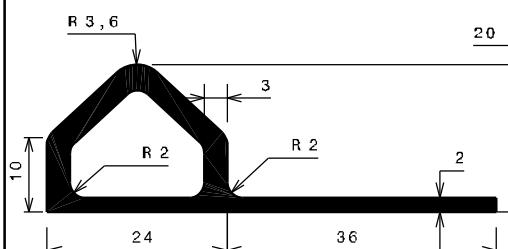
SECTIONS

REF



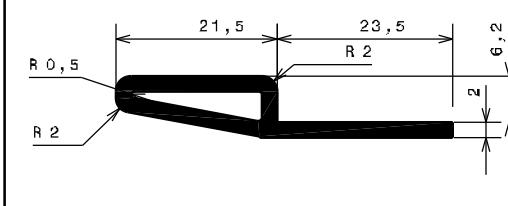
74-349

Lg moule : 3350



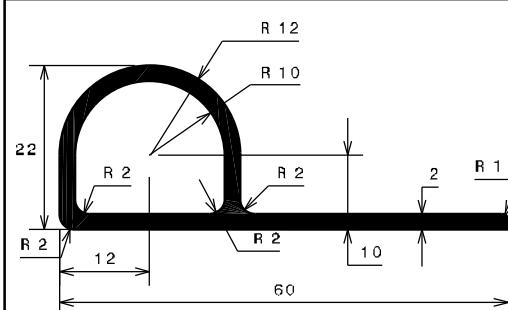
74-276

Lg moule : 2000



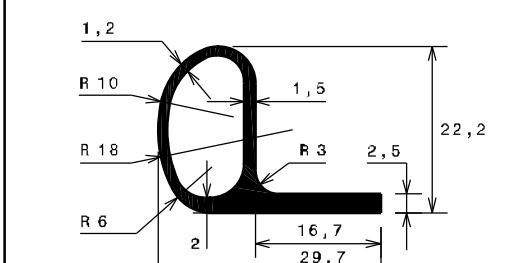
74-356

Lg moule : 3350
650



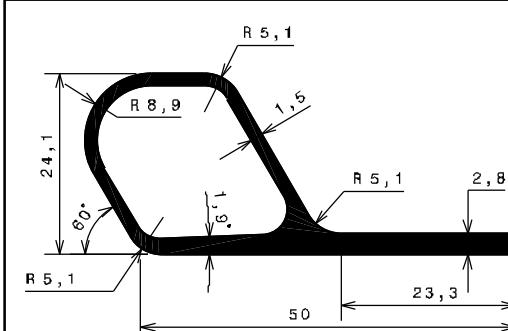
74-242

Lg moule : 3350
600



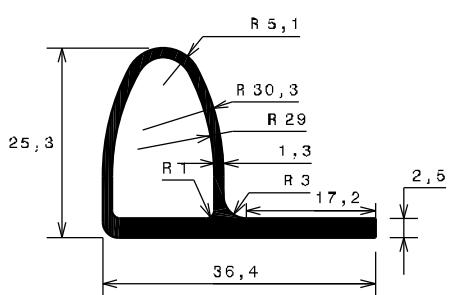
74-281

Lg moule : 3350

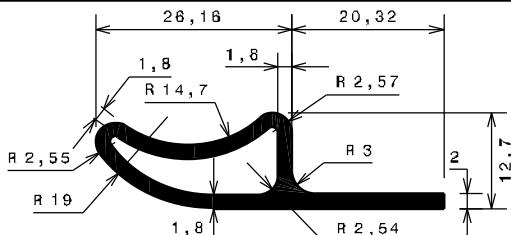


74-359

Lg moule : 3500
650

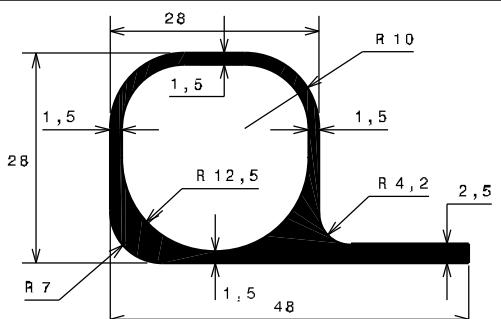
SECTIONS**REF**

74-295

Lg moule : 3350
650

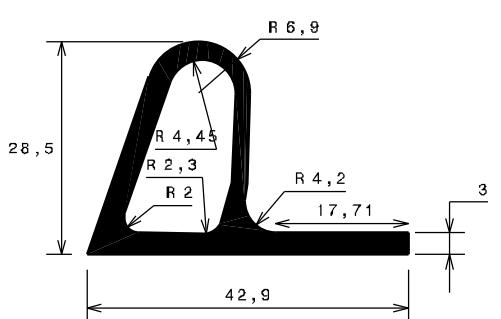
74-229

Lg moule : 2500



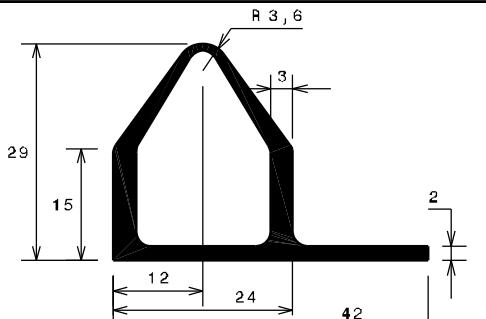
74-208

Lg moule : 3350



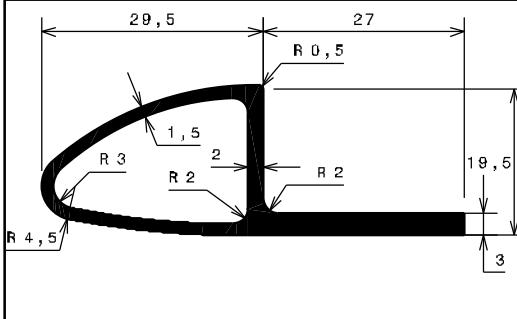
74-234

Lg moule : 1500



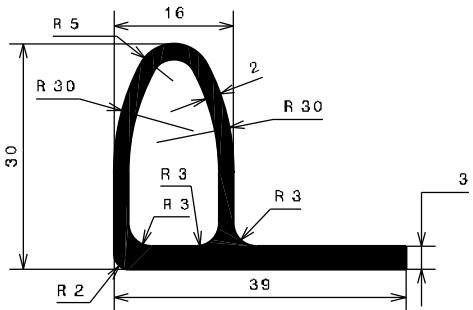
74-277

Lg moule : 2000

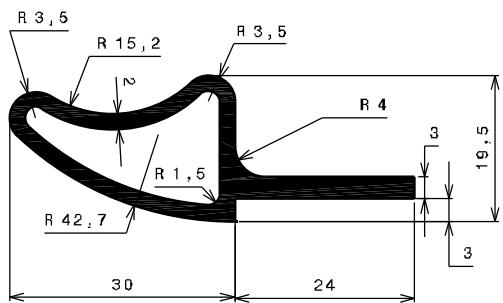


74-240

Lg moule : 3000

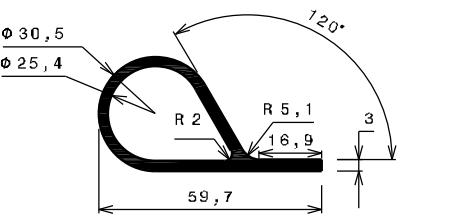
SECTIONS**REF**

74-404

Lg moule : 3350
650

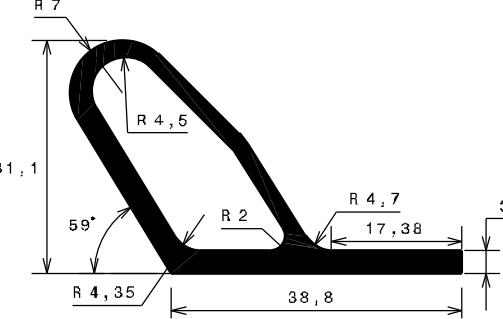
73-366

Lg moule : 3000

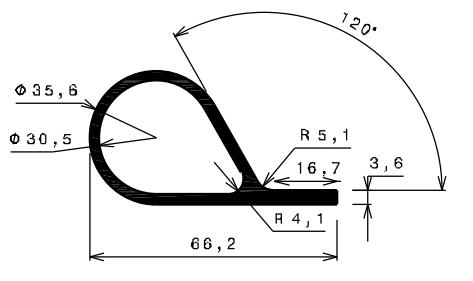


74-428

Lg moule : 3350

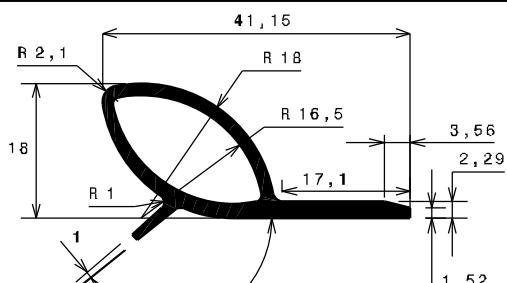


74-238

Lg moule : 3350
600

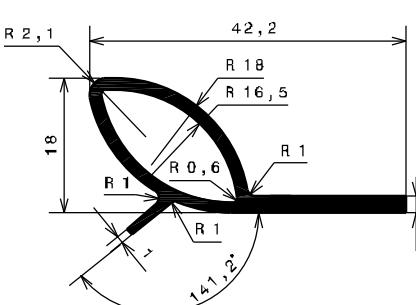
74-427

Lg moule : 3350

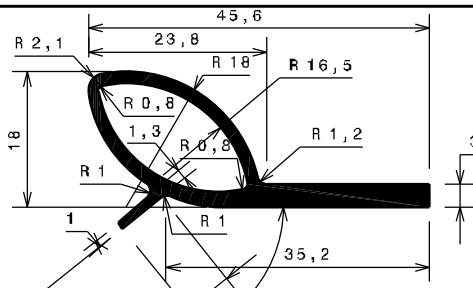
SECTIONS**REF**

74-282

Lg moule : 3350

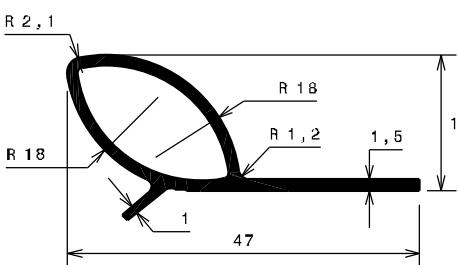


74-360

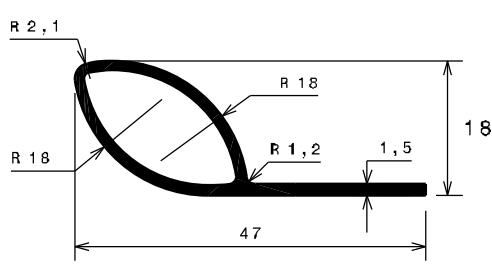
Lg moule : 3200
650

74-207

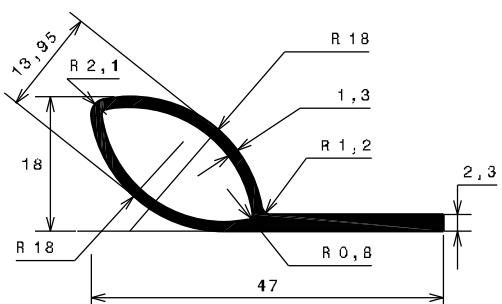
Lg moule : 3350



74-298

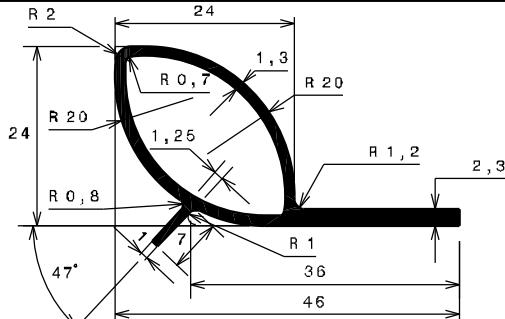
Lg moule : 3350
650

74-302

Lg moule : 3350
650

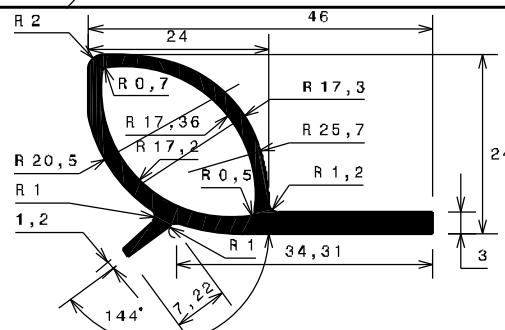
74-69

Lg moule : 3100

SECTIONS**REF**

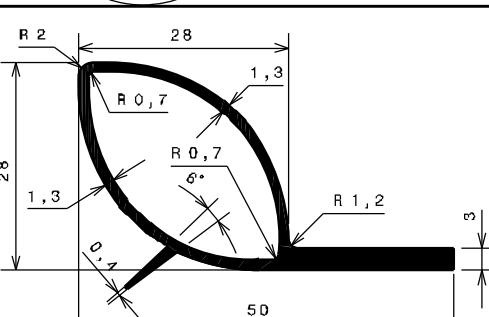
74-165

Lg moule : 3400



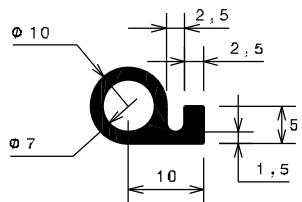
74-149

Lg moule : 3400



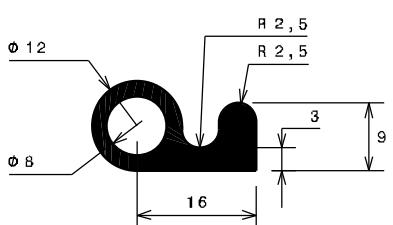
74-286

Lg moule : 3350

SECTIONS**REF**

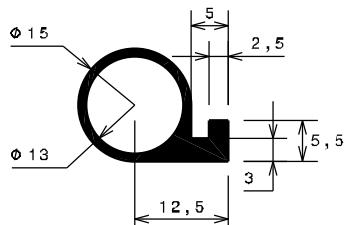
74-19

Lg moule : 3200



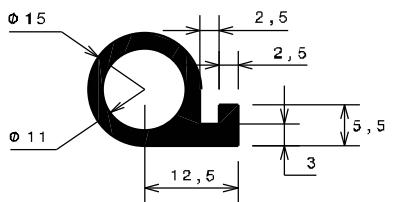
74-09

Lg moule : 3200



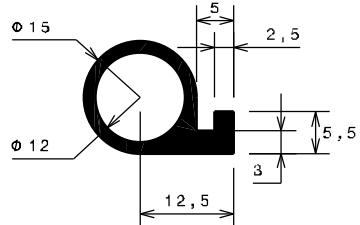
74-130

Lg moule : 3200



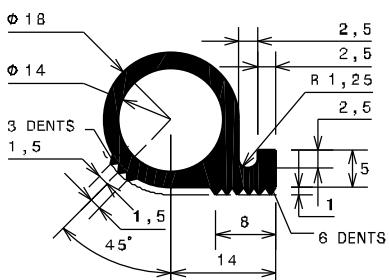
74-47

Lg moule : 3200



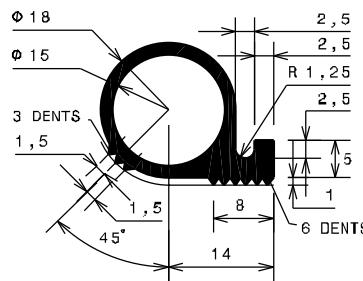
74-126

Lg moule : 3200



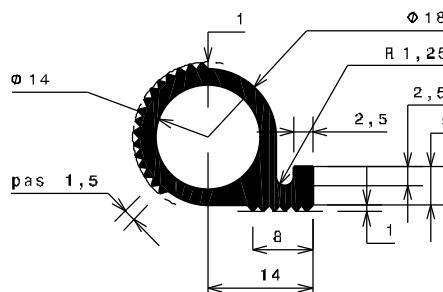
74-143

Lg moule : 3400

SECTIONS**REF**

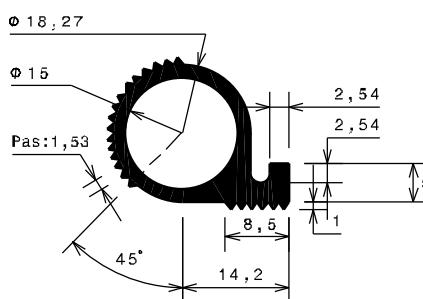
74-172

Lg moule : 3400



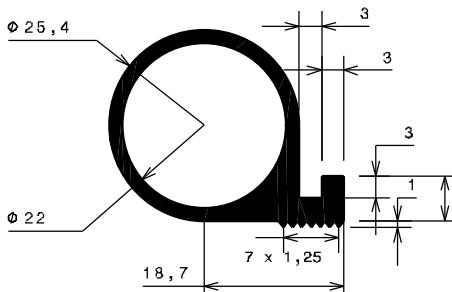
74-68

Lg moule : 3300

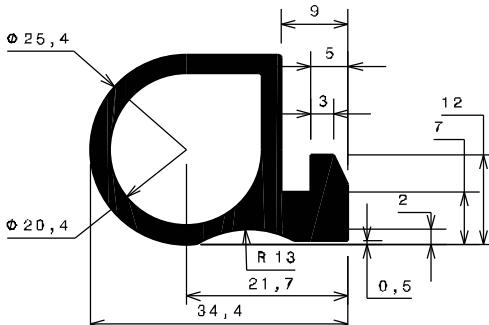


74-155

Lg moule : 3400

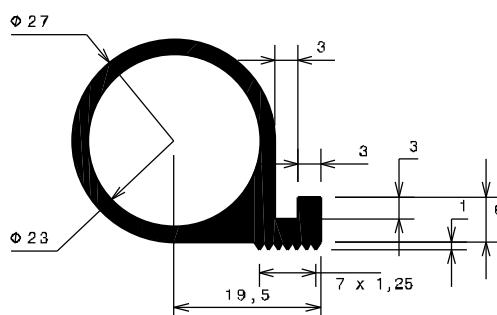


74-08

Lg moule : 3000
3100
3200
3300

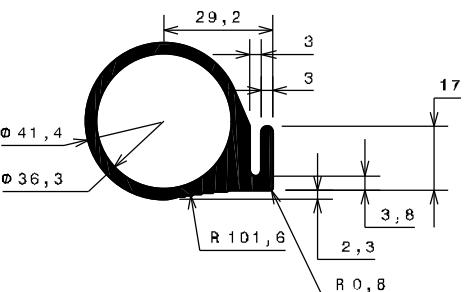
74-04

Lg moule : 3100

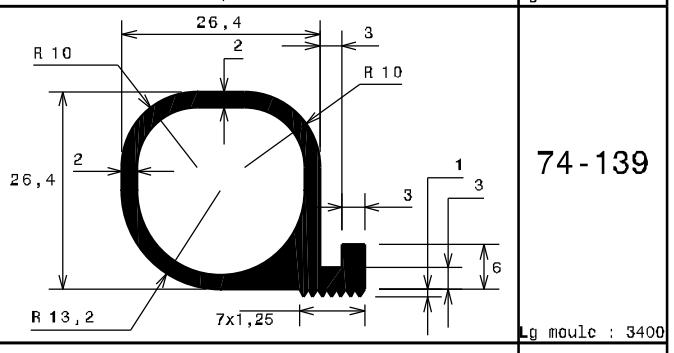
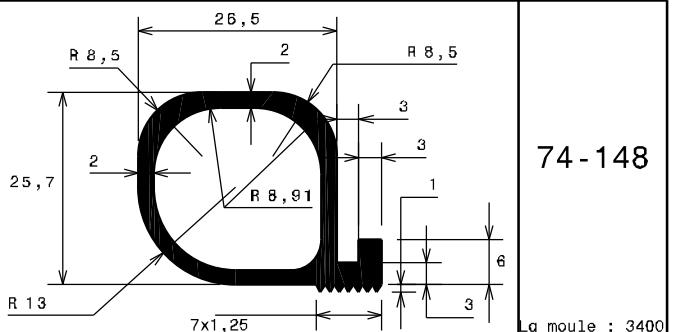
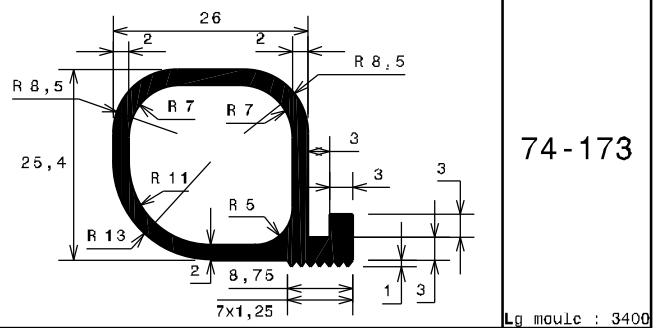


74-30

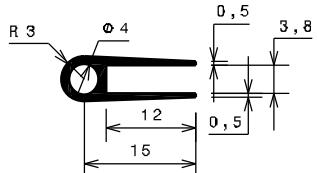
Lg moule : 3200

SECTIONS	REF
	74-409 Lg moule : 3350

SECTIONS	REF

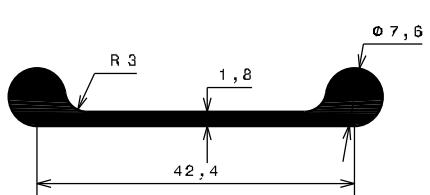
SECTIONS**REF****SECTIONS****REF**

SECTIONS	REF	SECTIONS	REF
	74-28 Lg moule : 1300		
	74-372 Lg moule : 1200		
	74-214 Lg moule : 650		
	74-74 Lg moule : 3200		
	74-71 Lg moule : 3200		

SECTIONS**REF**

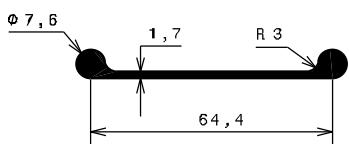
74-233

Lg moule : 3100



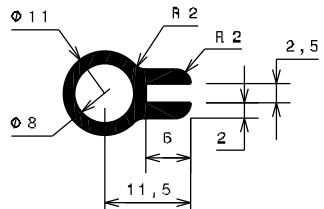
74-374

Lg moule : 550



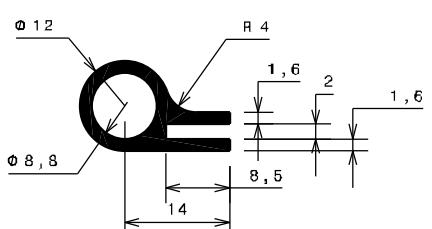
74-261

Lg moule : 2000



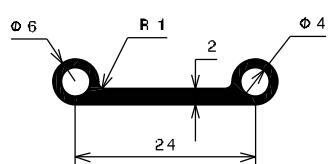
74-202

Lg moule : 1500



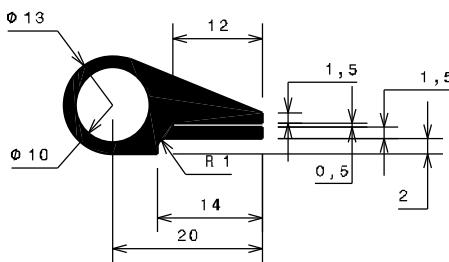
74-136

Lg moule : 3400



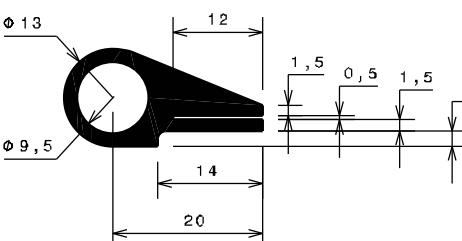
74-17

Lg moule : 3200

SECTIONS**REF**

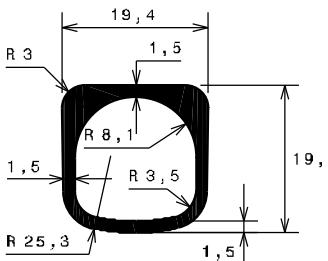
74-144

Lg moule : 3500



74-16

Lg moule : 3500



74-91

Lg moule : 3000



LIP PROFILES

These profiles provide a secure tightness even for high variations in structures and under low crushing stress. Their flexibility enable them to cancel quickly any important flaw.

Seals are moulded in 3 metres long in the standard version. They can also be provided in other lengths or closed and joined by vulcanisation on request.

Producing shaped seals from profiles is possible but may cause some problems. In such cases, it would be better to - Consult us -.

EXAMPLE OF DESIGNATION

8711 B452+PRF89/91 Lg3000

Profile reference _____
Material reference _____
Fabric references (separate by « / ») _____
Extended length of the seal _____

PROFILES A LEVRES

Ces profils permettent d'assurer une étanchéité même pour de fortes variations de structures, et sous de faibles efforts d'écrasements. Leur bonne reprise élastique permet d'effacer rapidement une déformation importante.

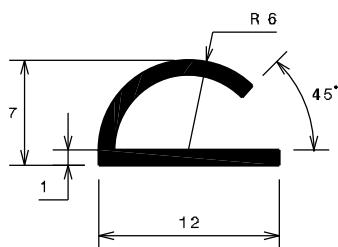
Ces joints sont moulés en longueurs de 3 mètres dans la version standard. Cependant, à la demande des utilisateurs ils peuvent être réalisés dans des longueurs différentes ou fermés et jonctionnés par vulcanisation.

A partir de ces profils, la réalisation de joints en forme n'est pas impossible, mais peut parfois présenter certaines difficultés, il est souhaitable pour ces cas particuliers de - Nous consulter -.

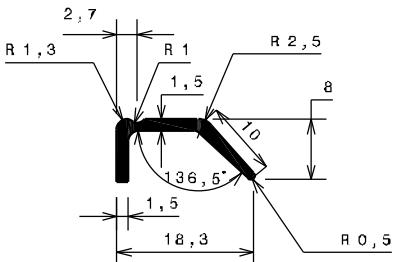
EXEMPLE DE DESIGNATION

8711 B452+PRF89/91 Lg3000

Référence profilé _____
Référence matière _____
Références tissus (séparées par « / ») _____
Longueur développée du joint _____

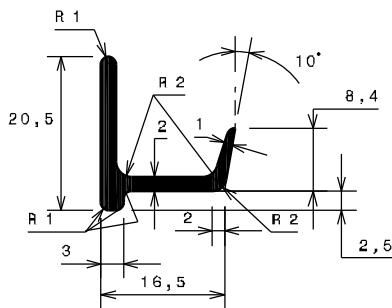
SECTIONS**REF**

87-23

Lg moule : 3350
650

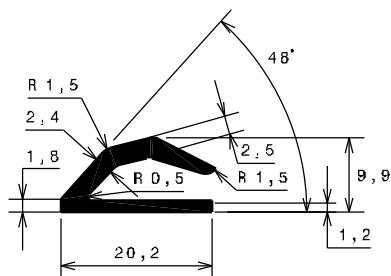
87-27

Lg moule : 3000



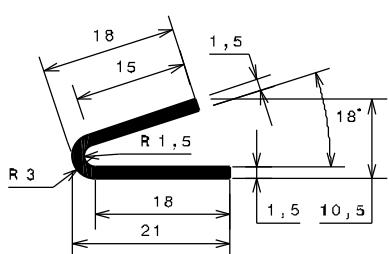
87-03

Lg moule : 3300



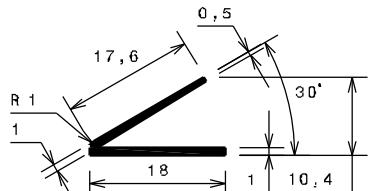
87-21

Lg moule : 3000



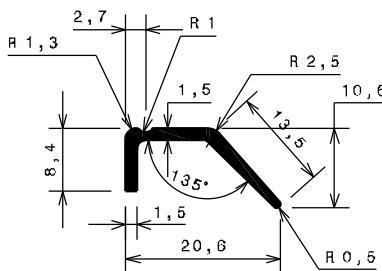
88-45

Lg moule : 2200



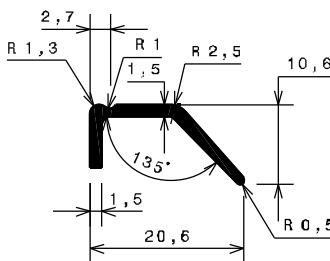
87-08

Lg moule : 3400

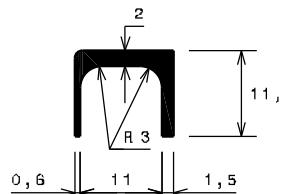
SECTIONS**REF**

87-24

Lg moule : 3000

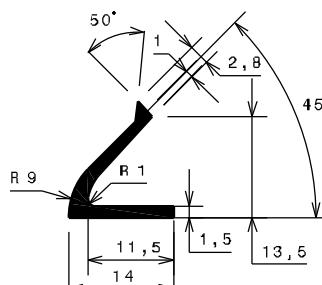


87-28

Lg moule : 3350
650

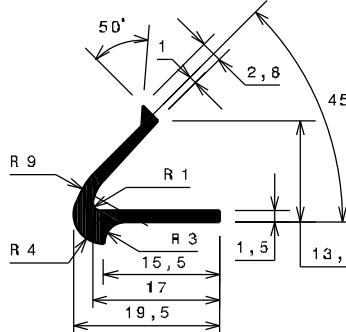
87-15

Lg moule : 3400



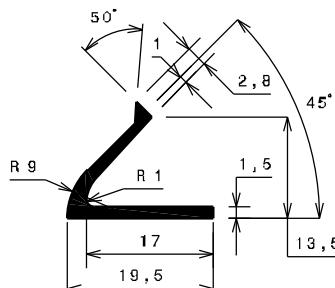
87-17

Lg moule : 3100



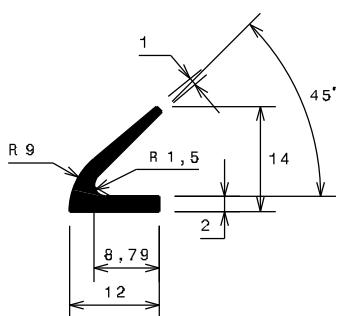
87-10

Lg moule : 1300



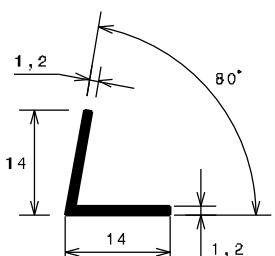
87-09

Lg moule : 3100

SECTIONS**REF**

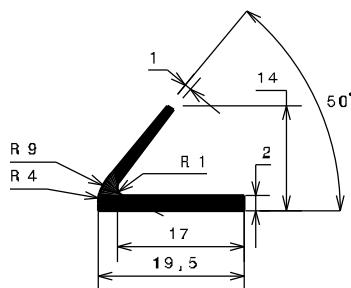
87-06

Lg moule : 3300



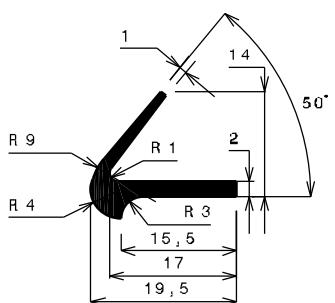
88-46

Lg moule : 2000



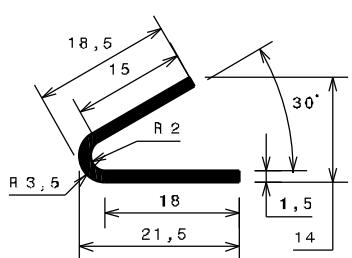
87-05

Lg moule : 2000



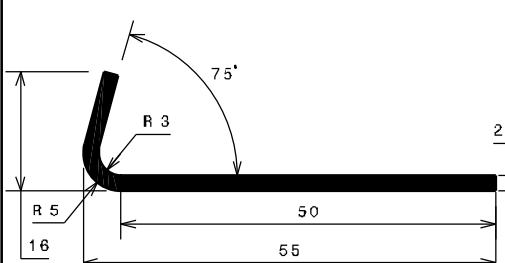
87-04

Lg moule : 1200



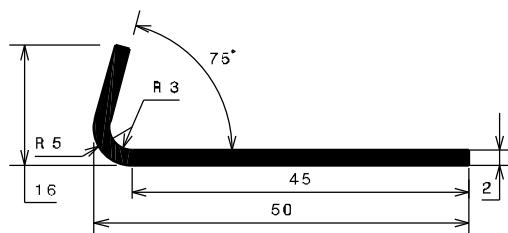
88-15

Lg moule : 3100



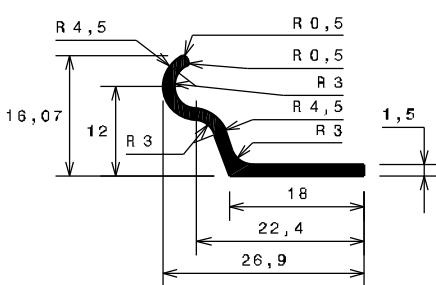
88-28

Lg moule : 1300

SECTIONS**REF**

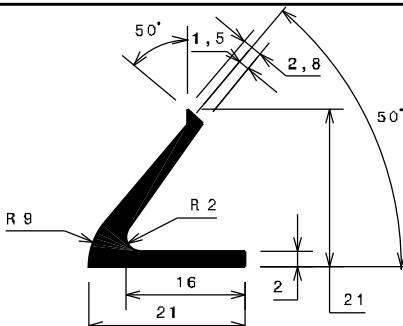
88-18

Lg moule : 1300



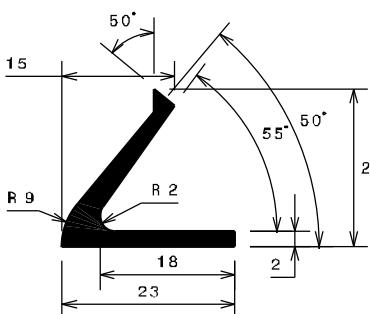
87-07

Lg moule : 3300



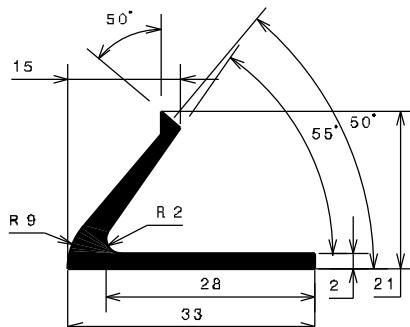
87-11

Lg moule : 3100



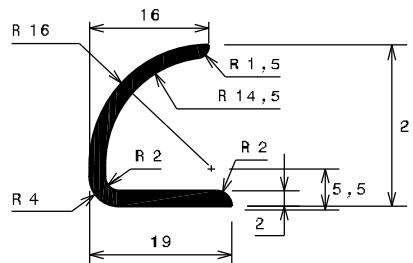
87-18

Lg moule : 3400



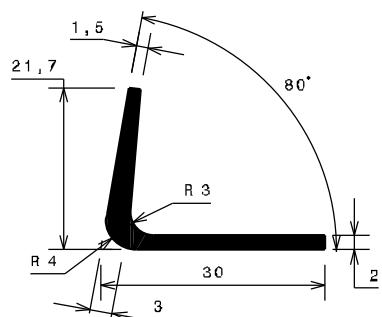
87-19

Lg moule : 3000



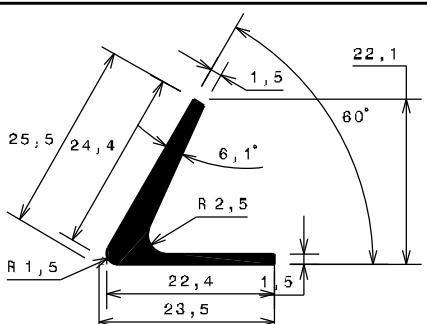
87-01

Lg moule : 3200

SECTIONS**REF**

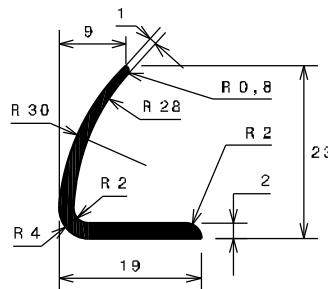
88-21

Lg moule : 3300



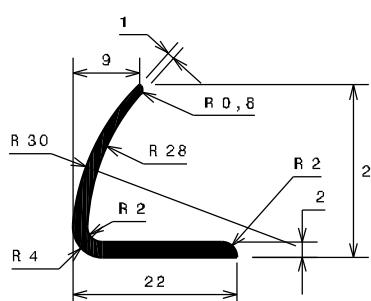
88-23

Lg moule : 3100



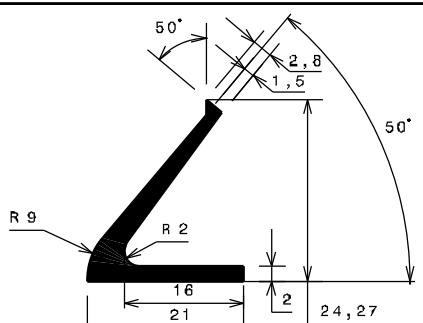
87-14

Lg moule : 3400



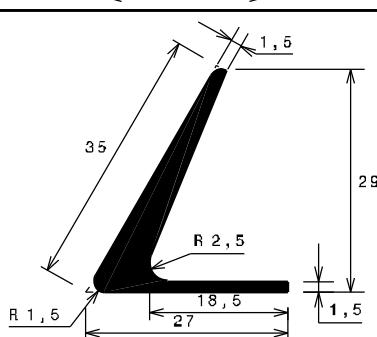
87-13

Lg moule : 3100



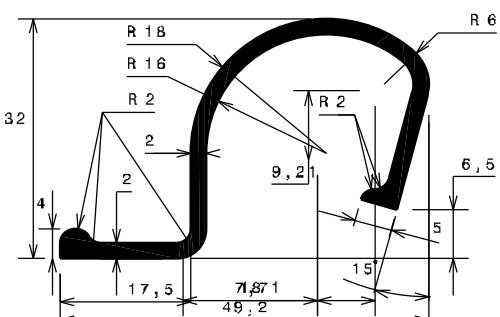
87-16

Lg moule : 1600



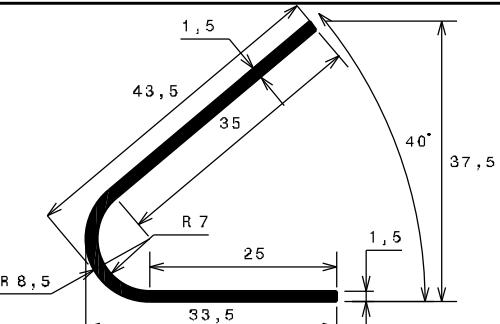
88-139

Lg moule : 3350

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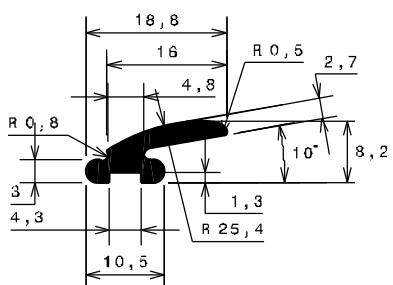
87-02

Lg moule : 3300



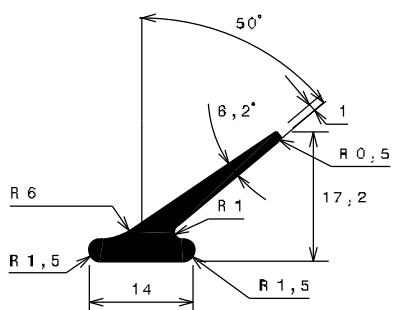
88-04

Lg moule : 1000

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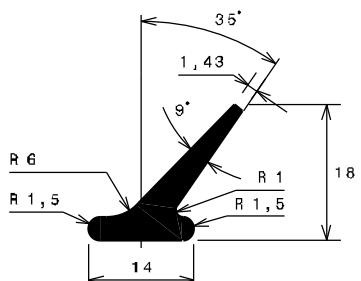
88-281

Lg moule : 3350



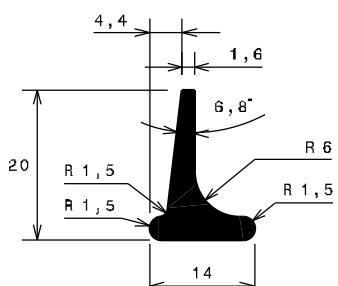
88-61

Lg moule : 3100



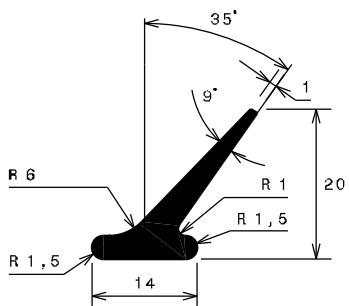
88-13

Lg moule : 3300



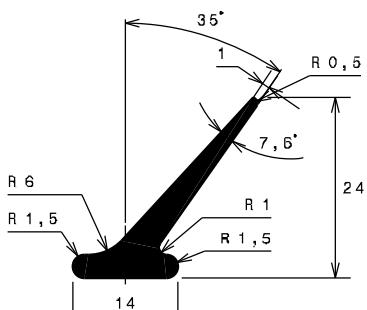
88-03

Lg moule : 3100



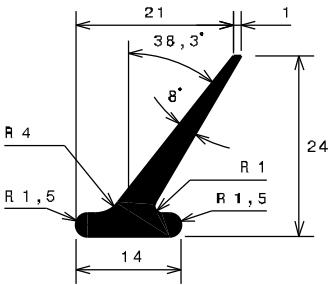
88-02

Lg moule : 3300



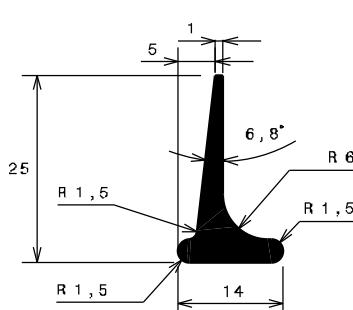
88-47

Lg moule : 3300

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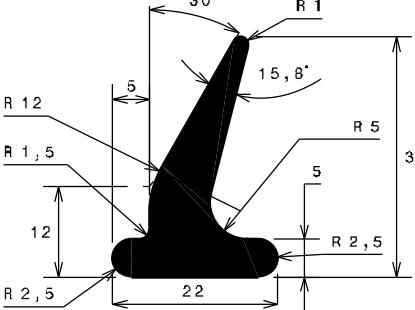
88-01

Lg moule : 3100



88-05

Lg moule : 3100

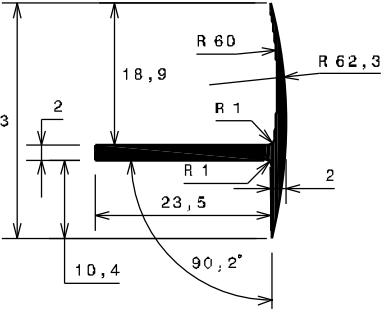
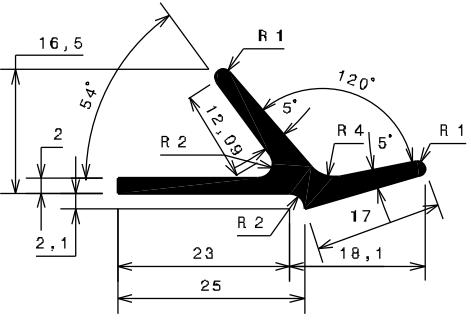
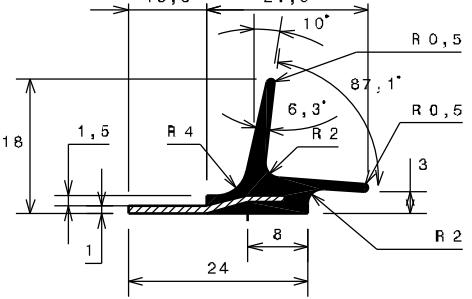
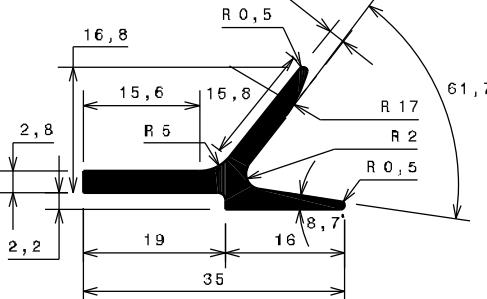
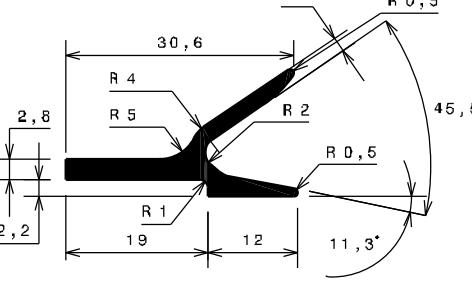
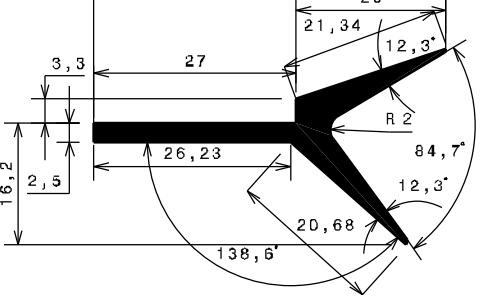


88-39

Lg moule : 3100

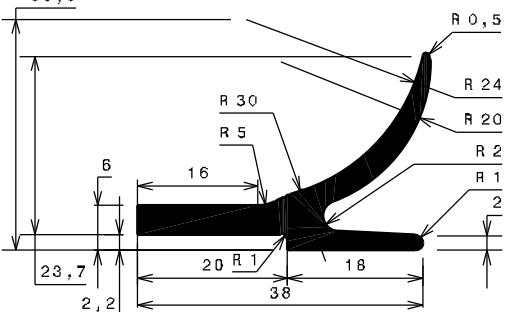
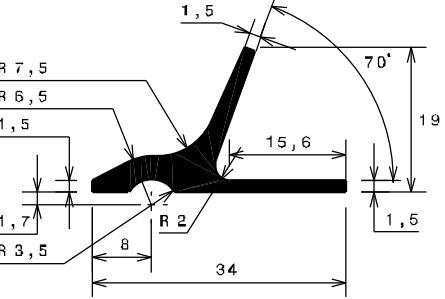
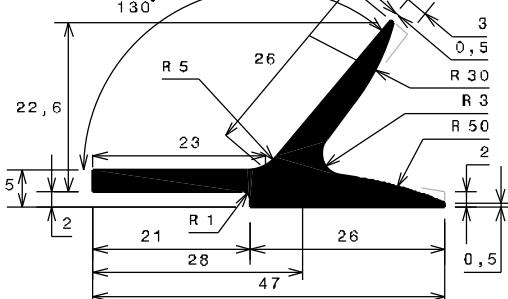
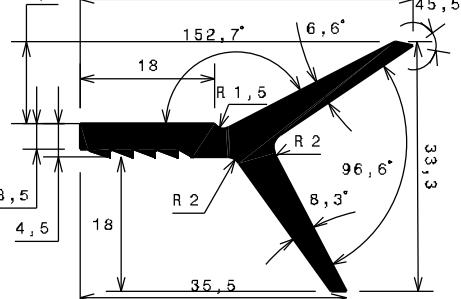
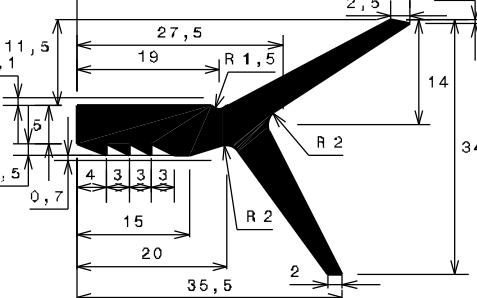
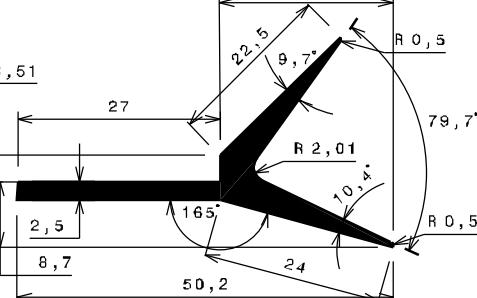
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	88-147 Lg moule : 600
	88-273 Lg moule : 3350 650
	88-30 Lg moule : 3300
	88-162 Lg moule : 3350
	88-161 Lg moule : 3350
	88-145 Lg moule : 1400

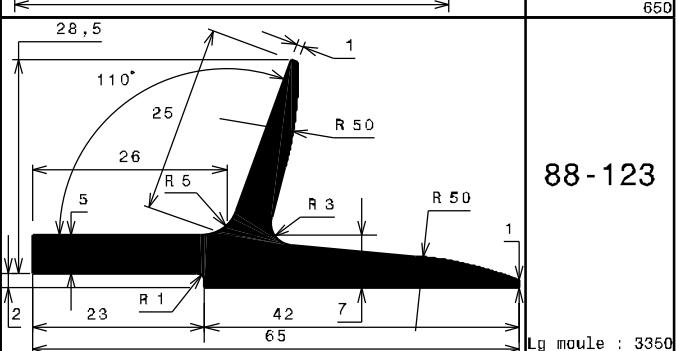
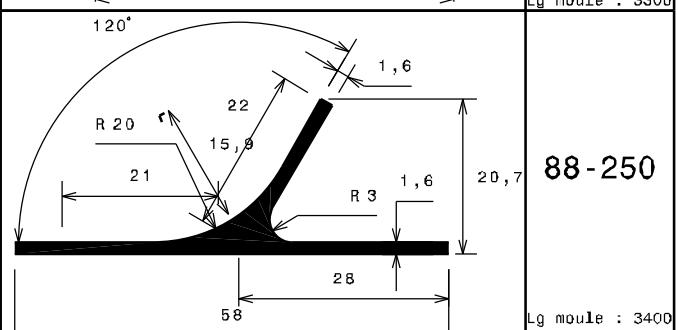
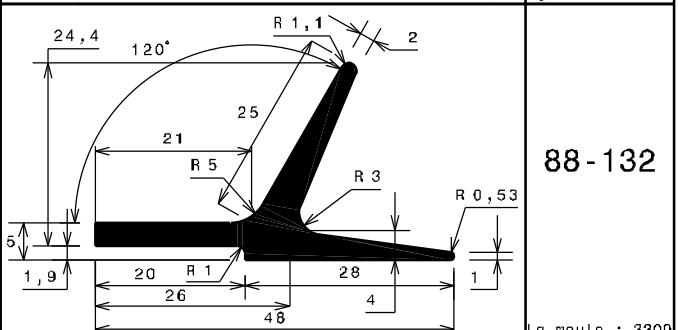
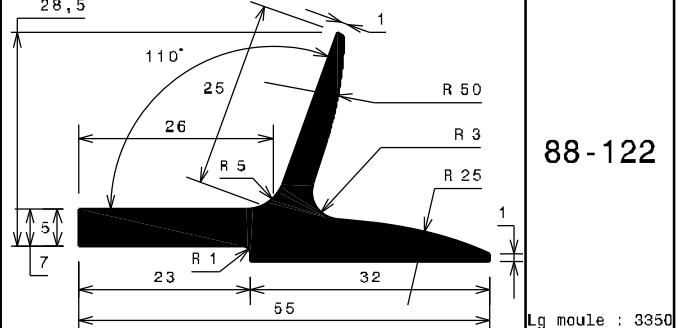
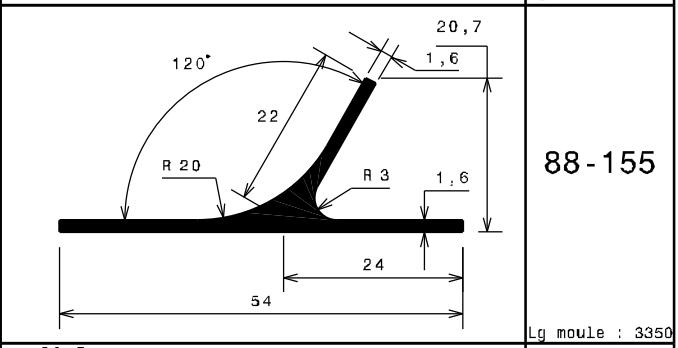
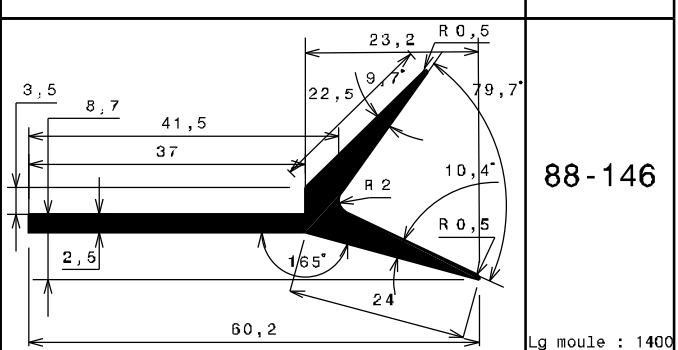
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	88-136 Lg moule : 3350
	88-22 Lg moule : 3300
	88-131 Lg moule : 3350
	88-254 Lg moule : 2850 650
	88-118 Lg moule : 3400
	88-152 Lg moule : 3300

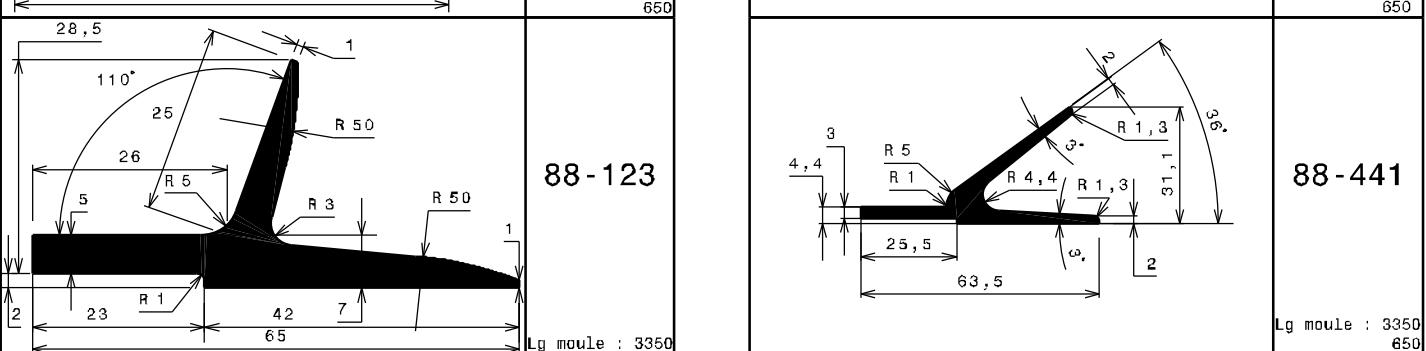
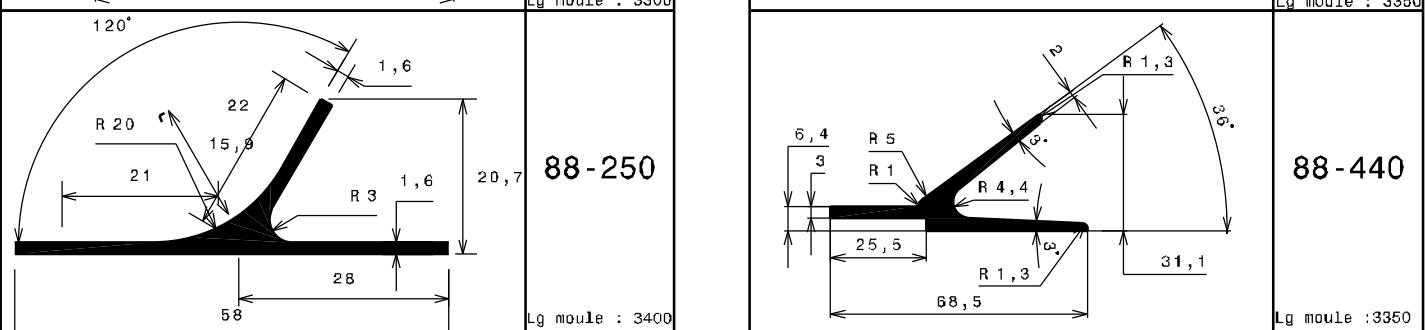
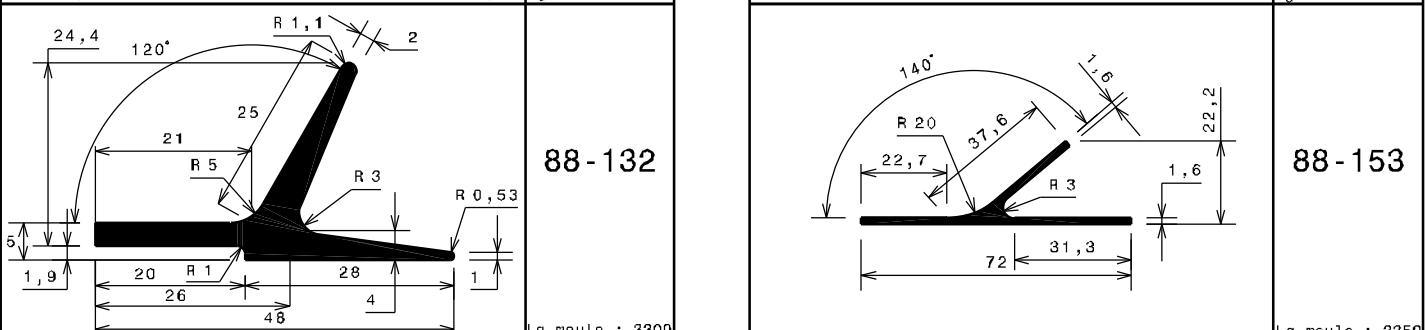
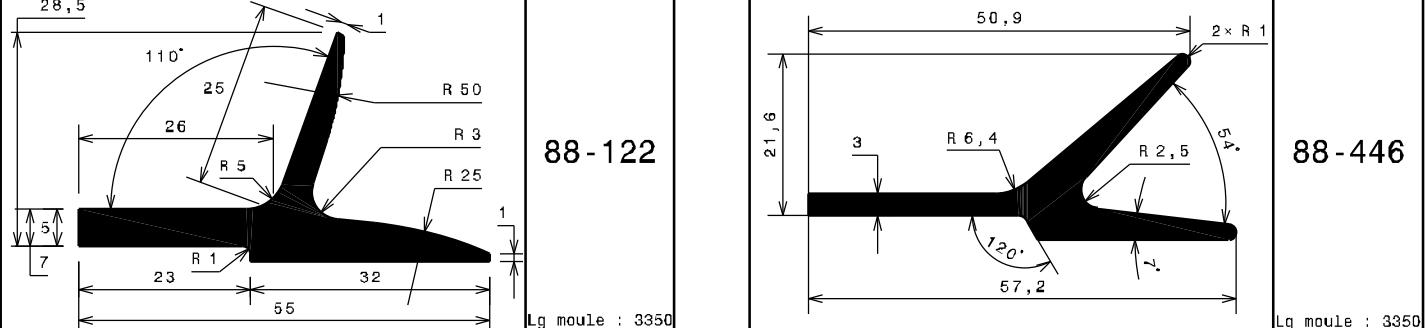
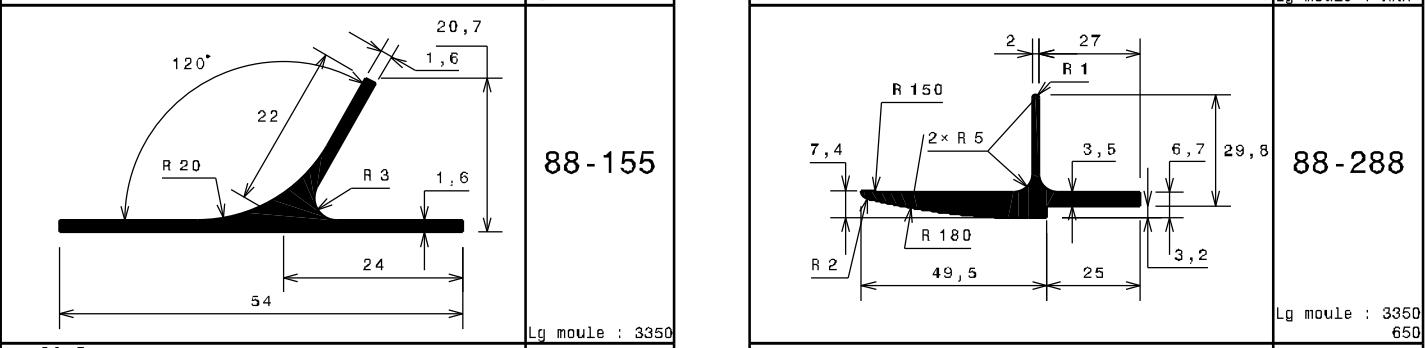
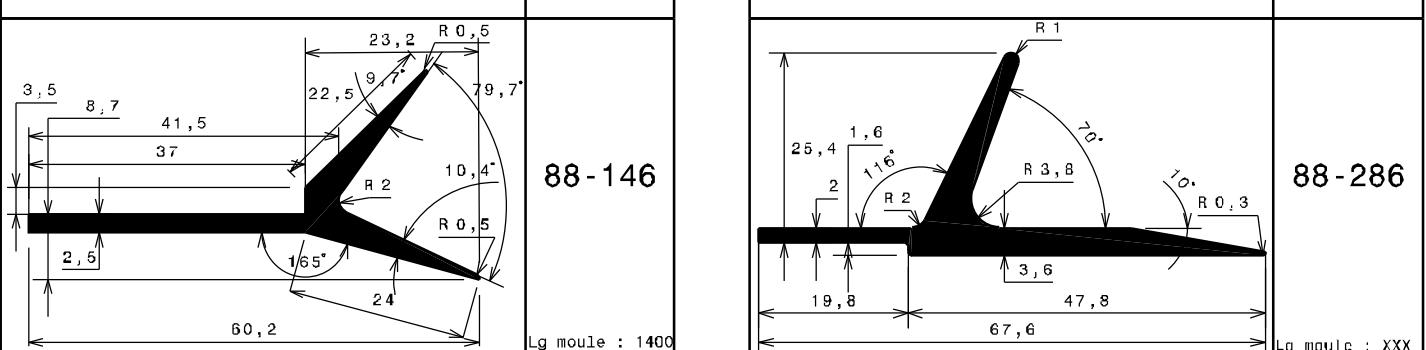
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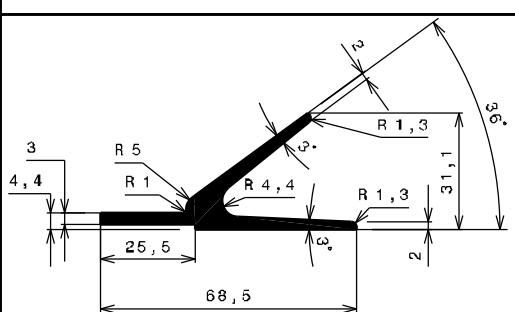
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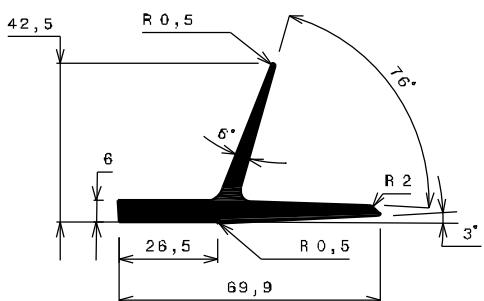
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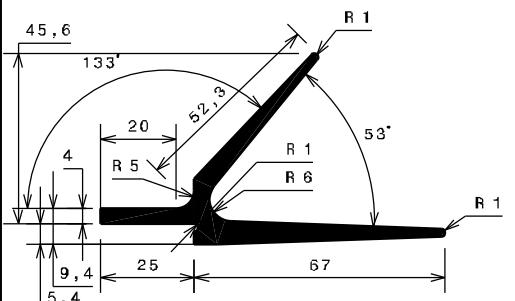
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88-442

Lg moule : 3350
650

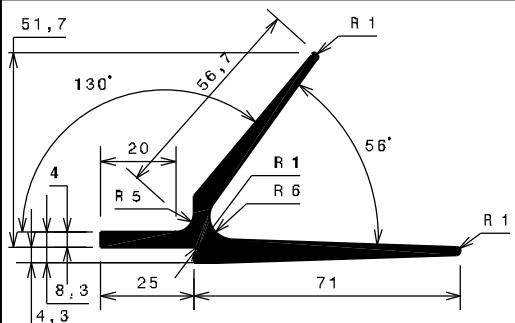
88-439

Lg moule : 600



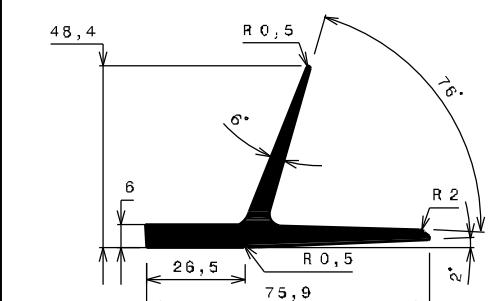
88-232

Lg moule : 1075



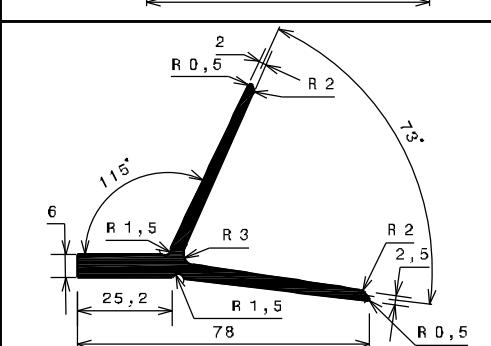
88-233

Lg moule : 1000



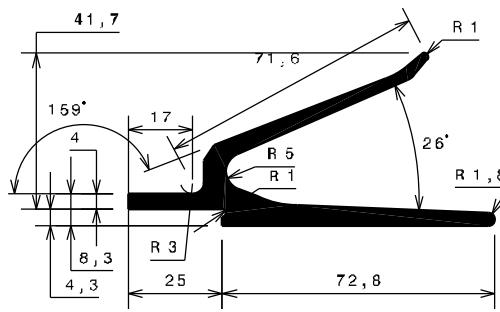
88-438

Lg moule : 600



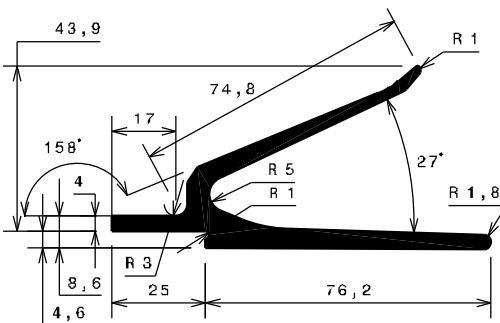
88-444

Lg moule : 600

SECTIONS**REF**

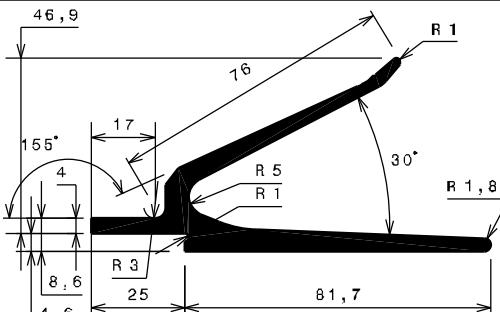
88-237

Lg moule : 1200



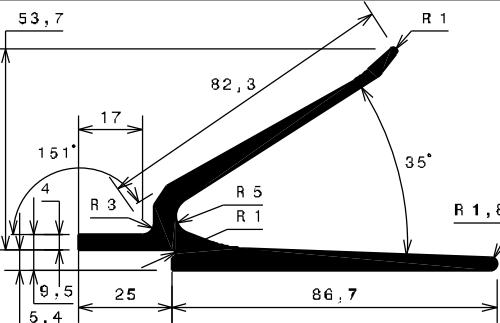
88-236

Lg moule : 1200



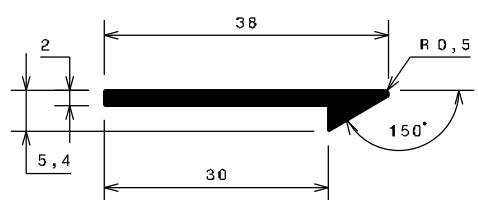
88-235

Lg moule : 1400

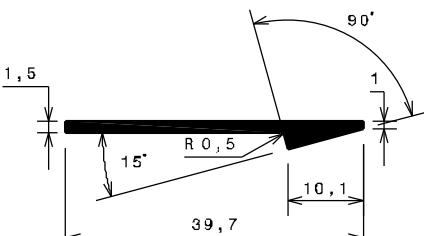


88-234

Lg moule : 1000

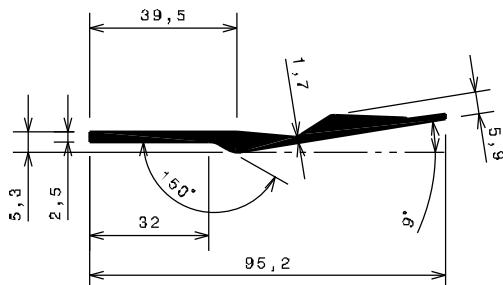
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88-245

Lg moule : 3350
650

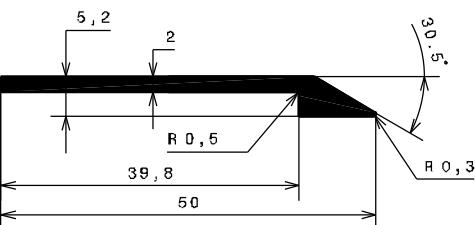
88-209

Lg moule : 3350



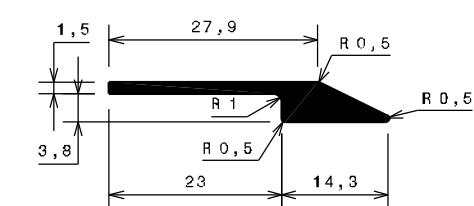
88-415

Lg moule : 2500



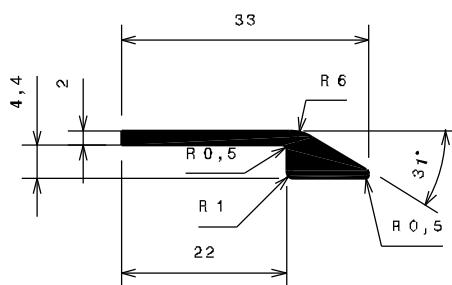
88-261

Lg moule : 2500



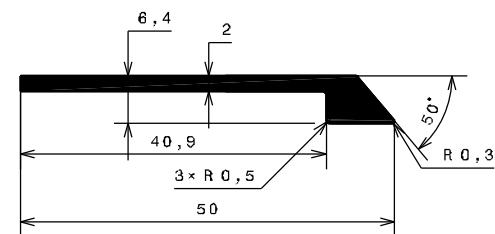
88-121

Lg moule : 3350



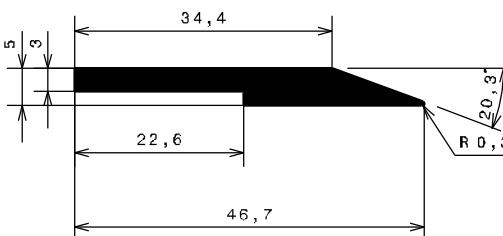
88-432

Lg moule: 3000

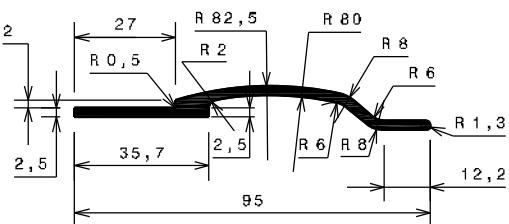


88-263

Lg moule : 2500

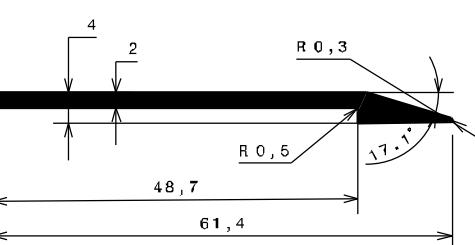


88-324

Lg moule: 3350
650

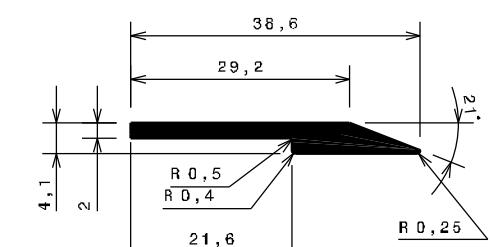
88-293

Lg moule : 650



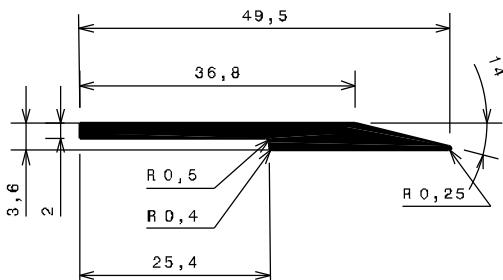
88-259

Lg moule : 2500



88-420

Lg moule :2500

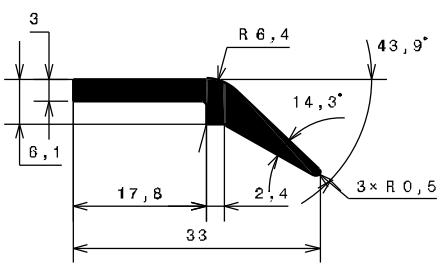


88-421

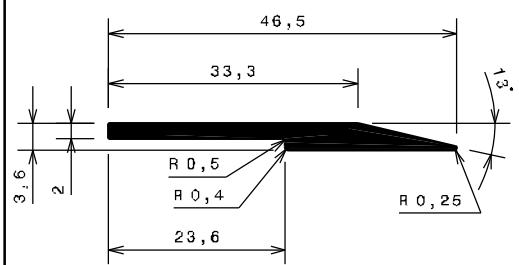
Lg moule :2500

SECTIONS

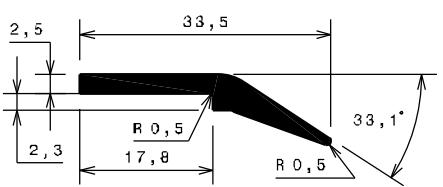
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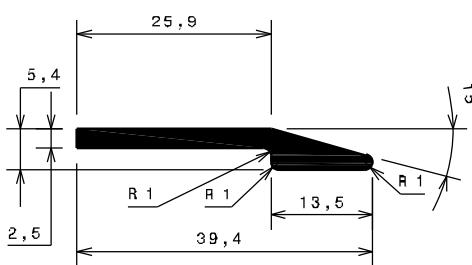
88-249



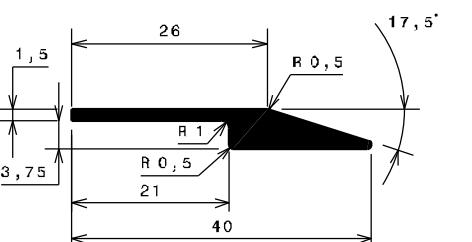
88-419



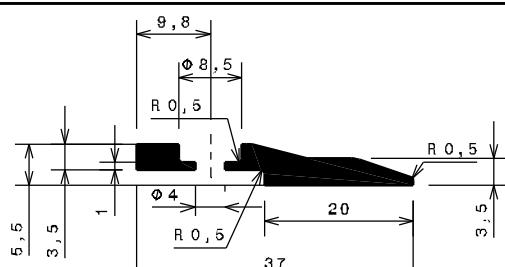
88-287



88-350



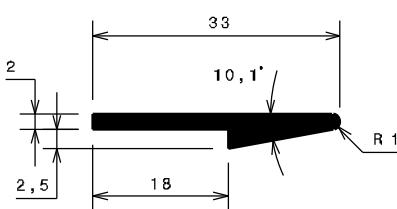
88-140



88-388

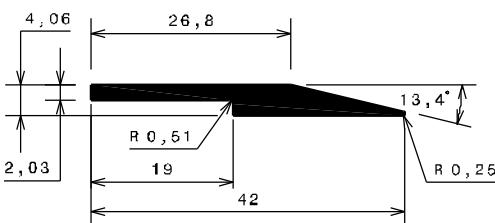
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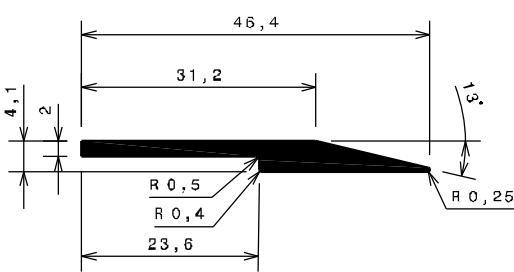


88-93

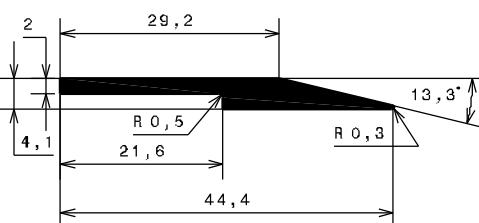
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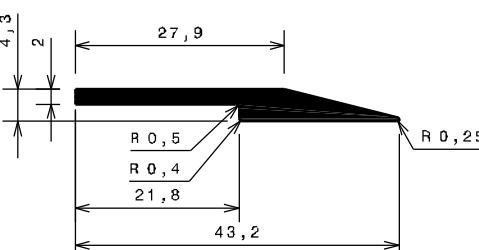
88-104



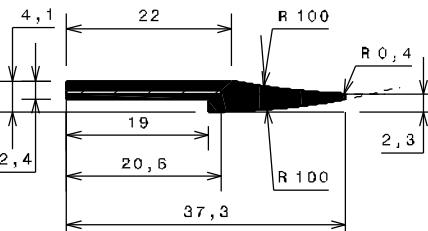
88-418



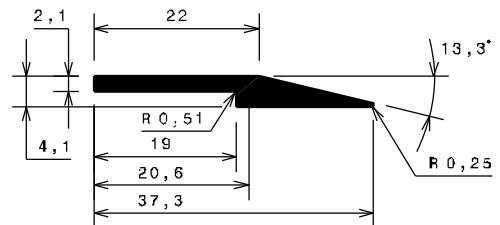
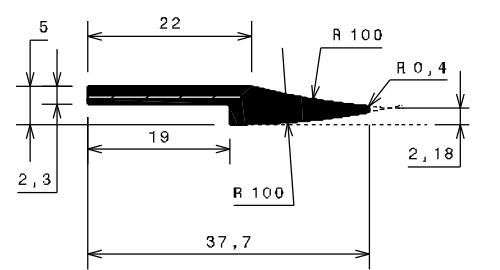
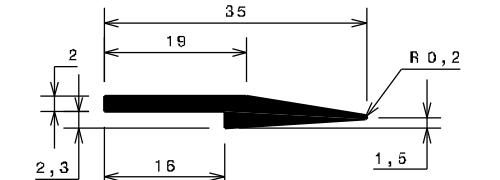
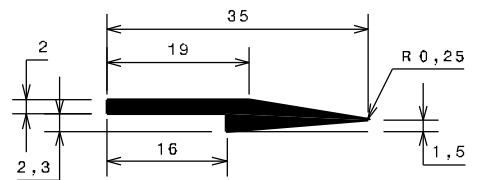
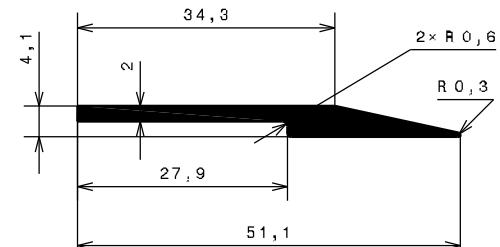
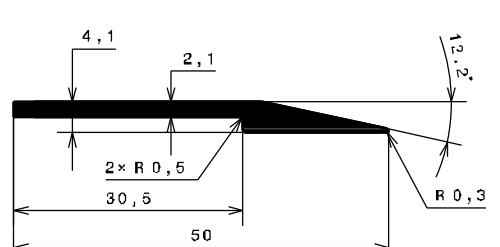
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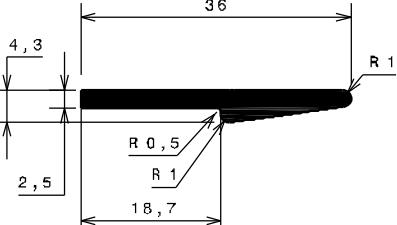
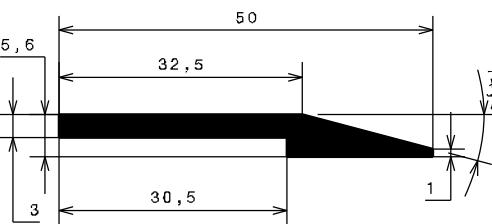
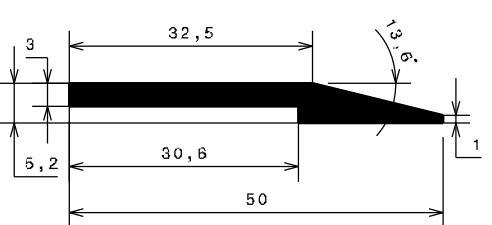
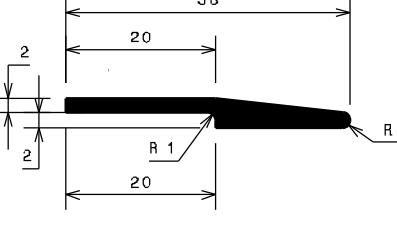
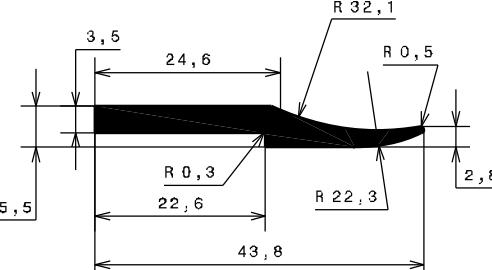
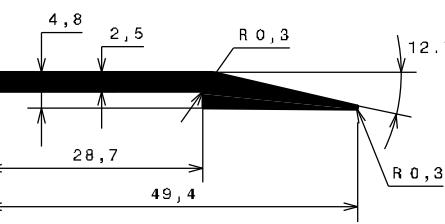


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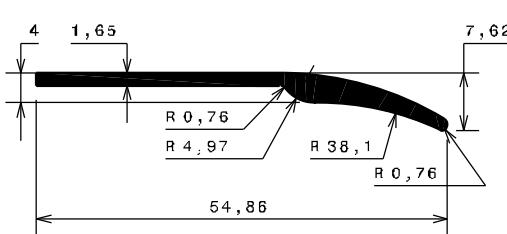
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SECTIONS	REF
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	88-179 Lg moule : 3250
	88-207 Lg moule : 3350
	88-36 Lg moule : 3100
	88-339 Lg moule: 3350 650
	88-262 Lg moule : 2500 650

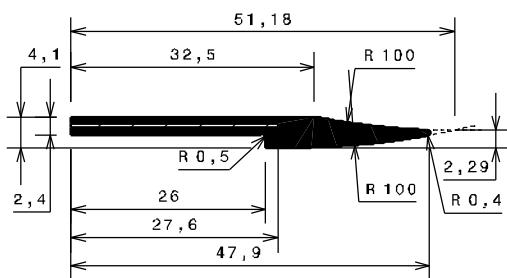
SECTIONS	REF
	88-349 Lg moule: 3000
	88-282 Lg moule : 3350 650
	88-284 Lg moule : 3350 650
	88-190
	88-422 Lg moule : 3300
	88-260 Lg moule : 3350 650

SECTIONS

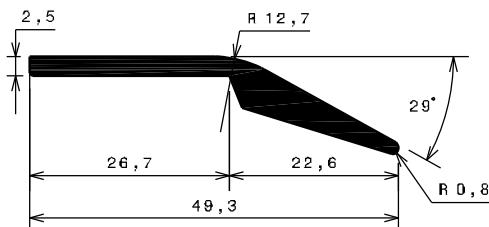
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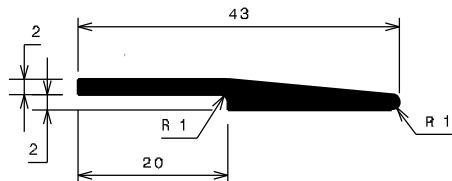
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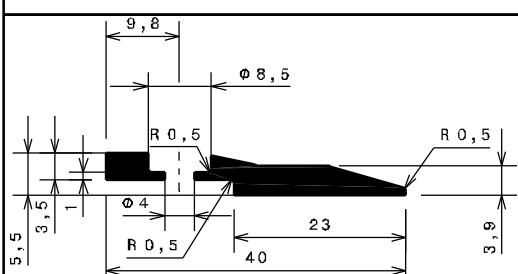
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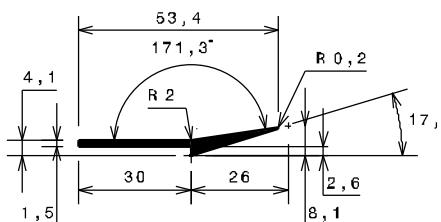
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88-189



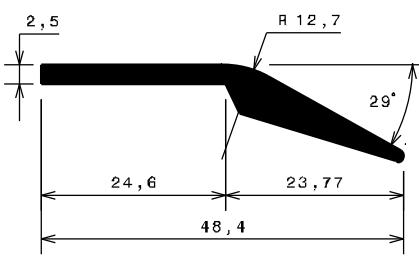
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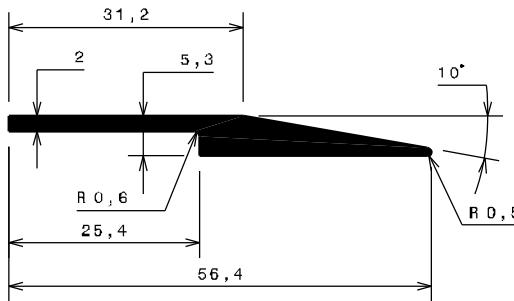
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SECTIONS

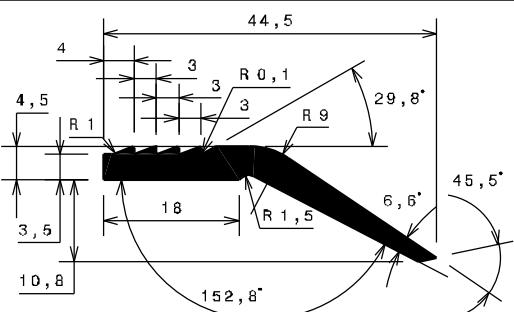
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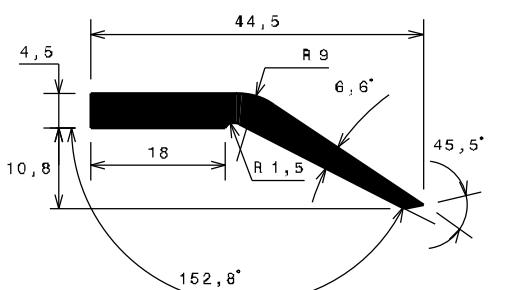
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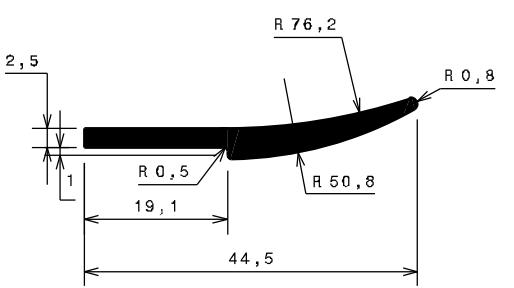
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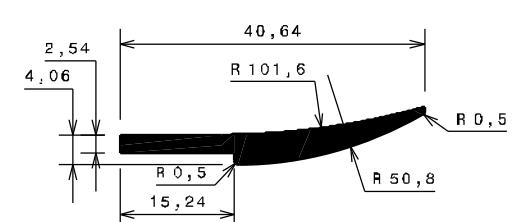
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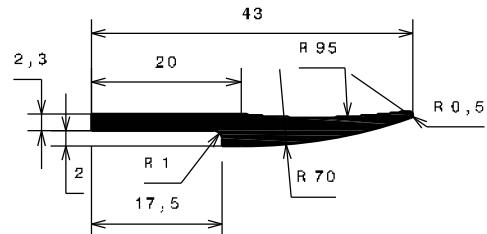
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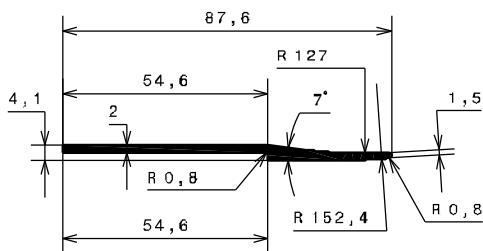
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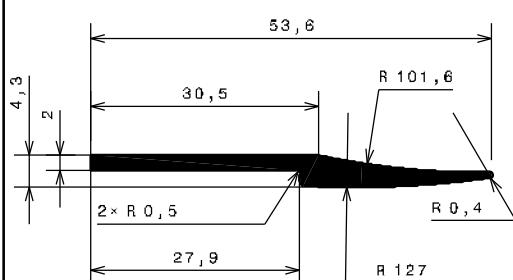
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SECTIONS**REF****SECTIONS****REF**

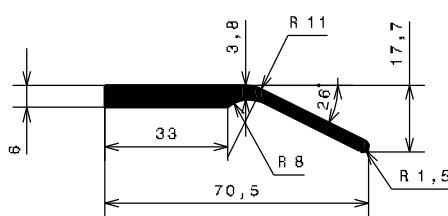
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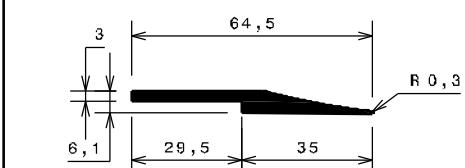
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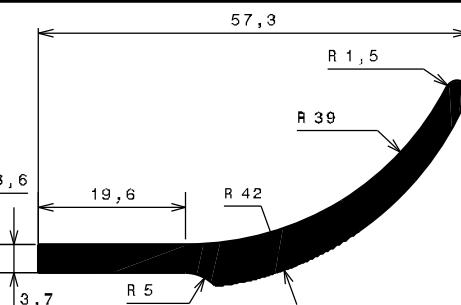
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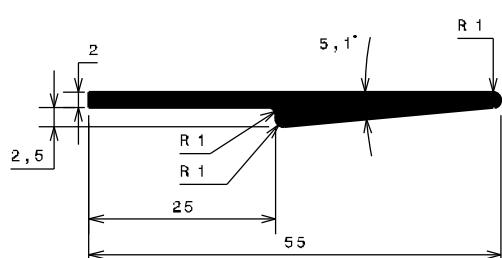
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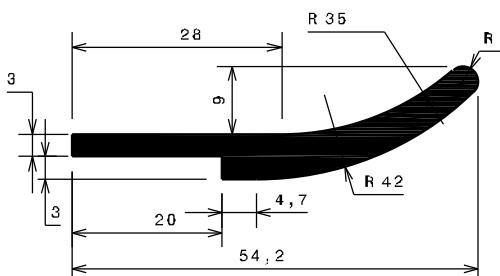
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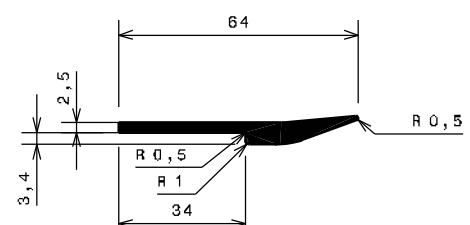
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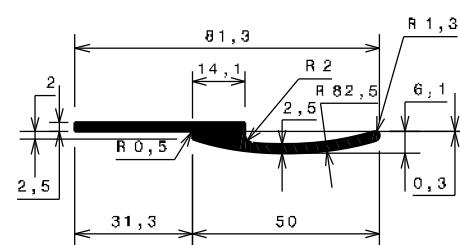
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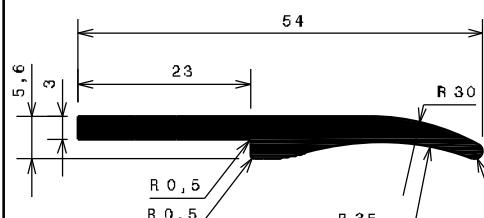
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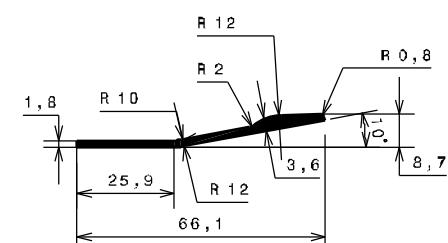
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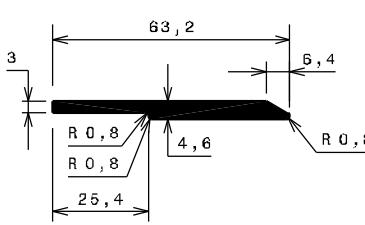
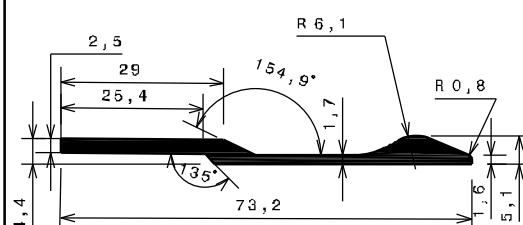
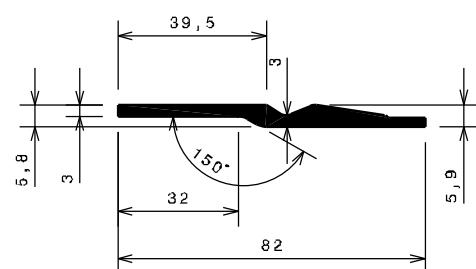
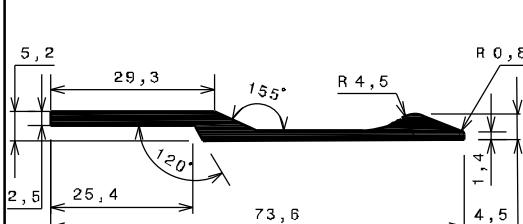
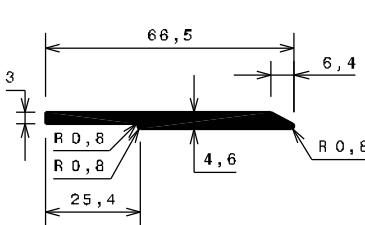
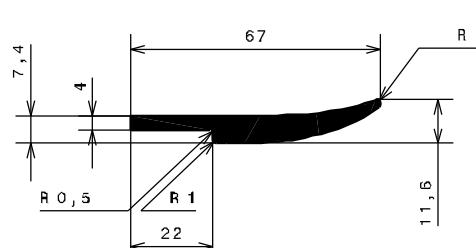
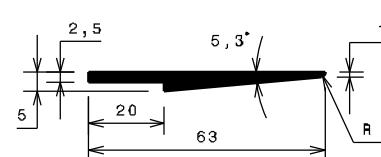
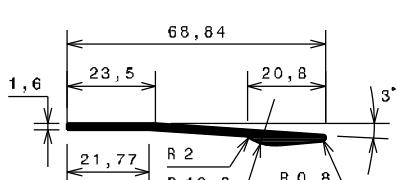
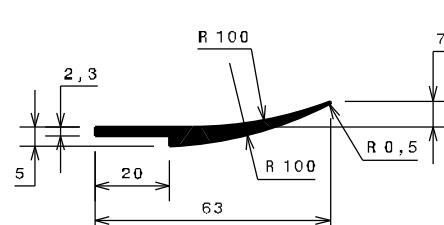
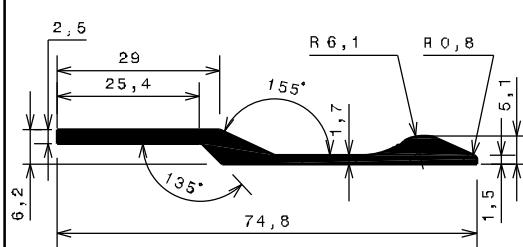
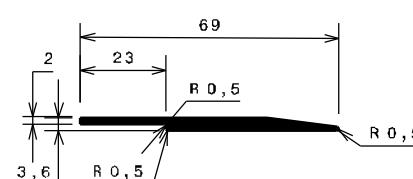
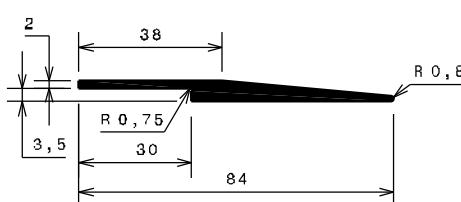
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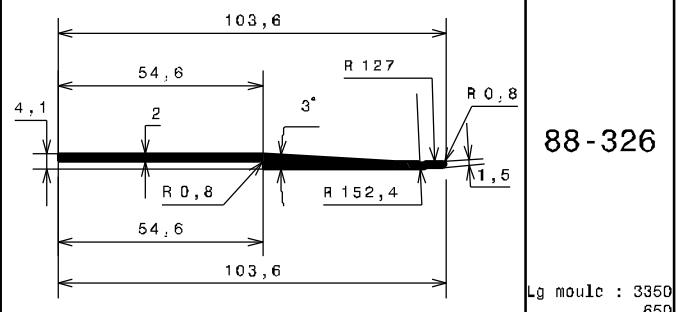
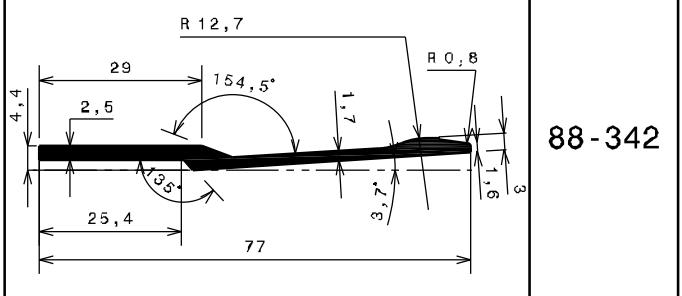
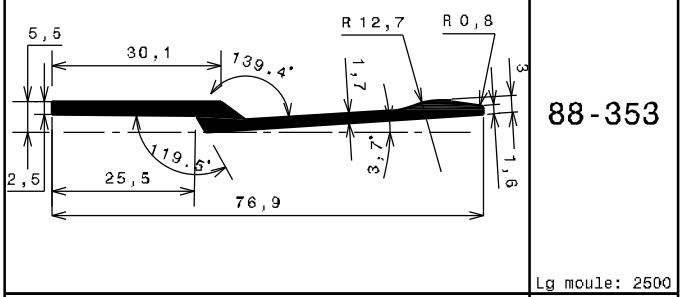
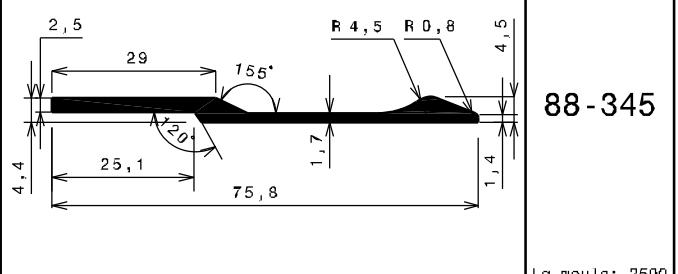
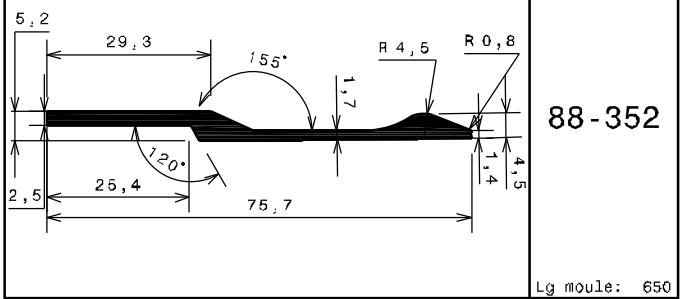
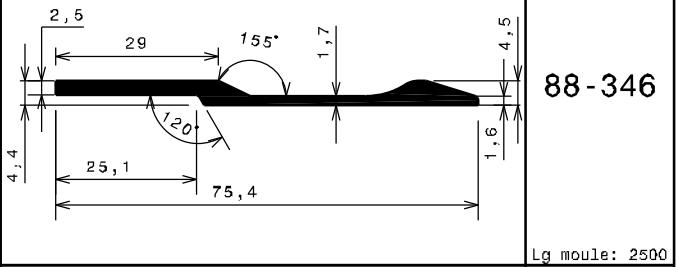
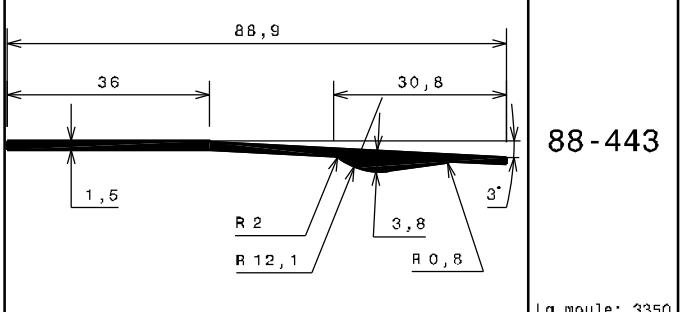
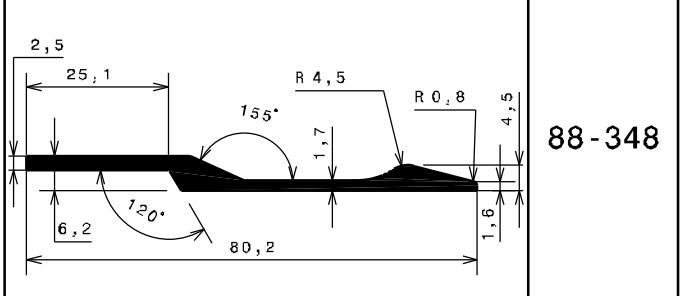
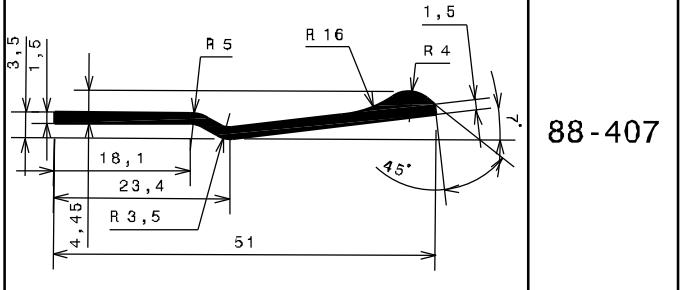
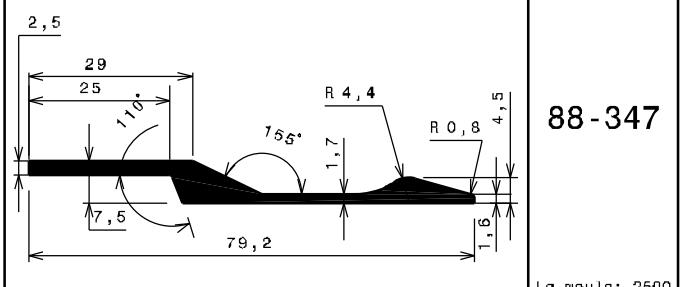
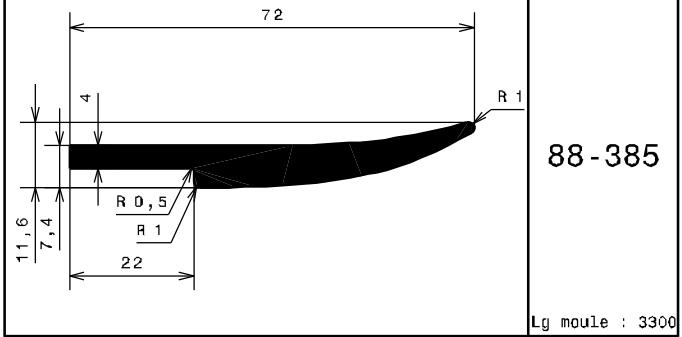
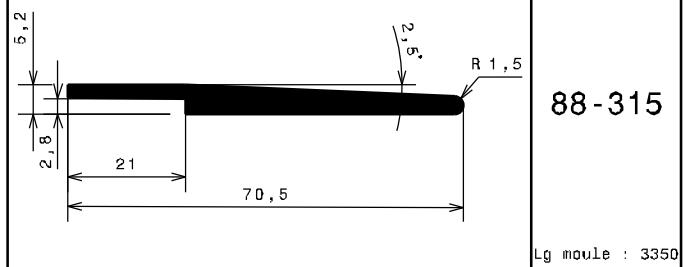


88-383



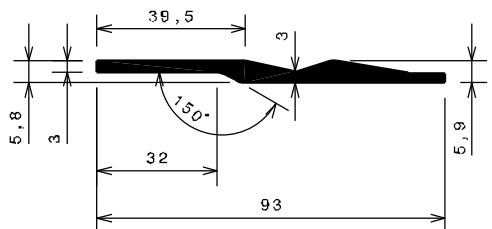
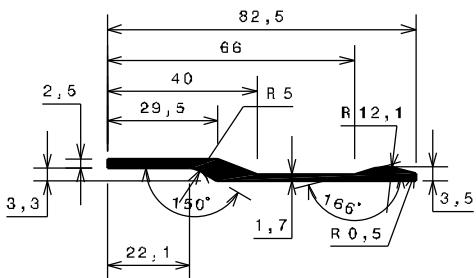
88-430

SECTIONS	REF	SECTIONS	REF
	88-173 Lg moule : 3350		88-343 Lg moule: 2500
	88-417 Lg moule :2500		88-351 Lg moule: 650
	88-172 Lg moule : 3350		88-386 Lg moule : 3300
	88-65 Lg moule : 3200		88-165
	88-89 Lg moule : 3400		88-344 Lg moule: 2500
	88-275 Lg moule : XXX		88-184 Lg moule : 1000

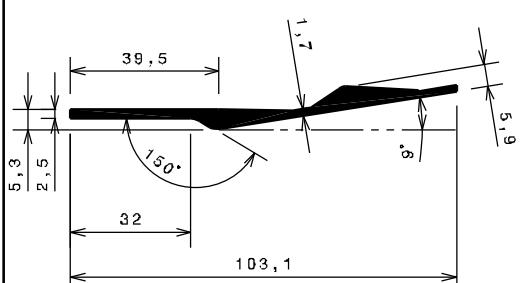
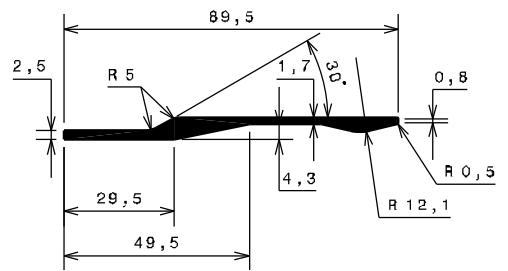
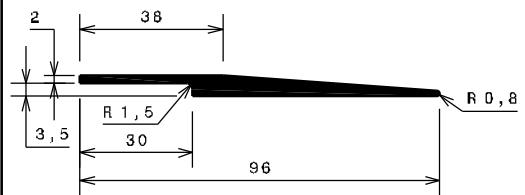
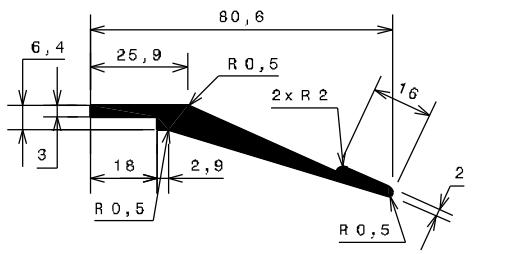
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SECTIONS

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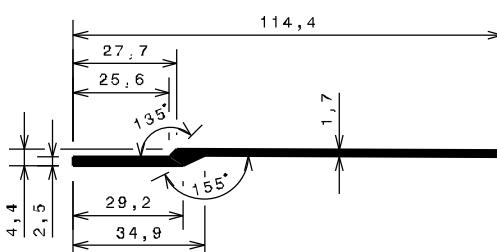
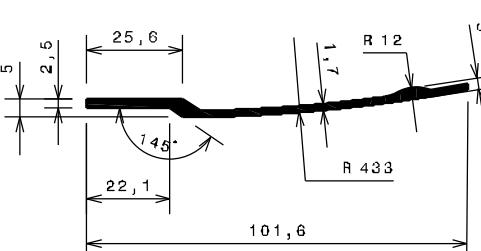
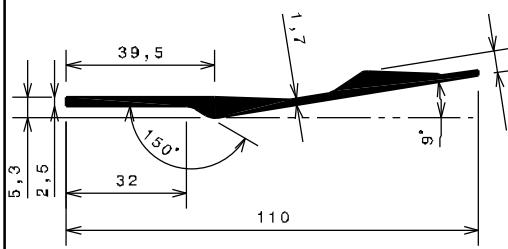
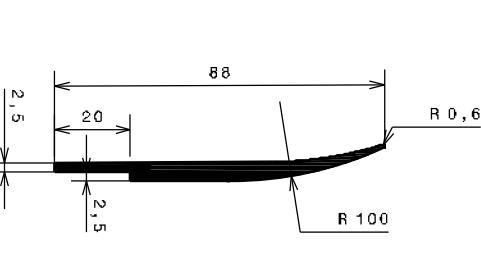
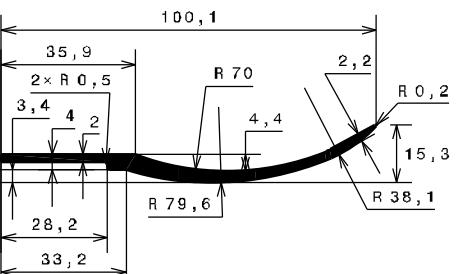
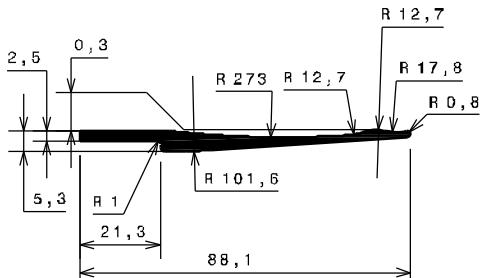


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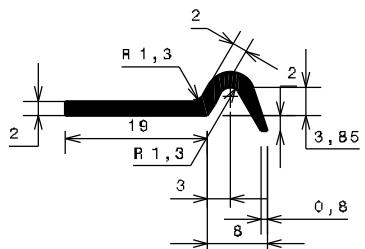


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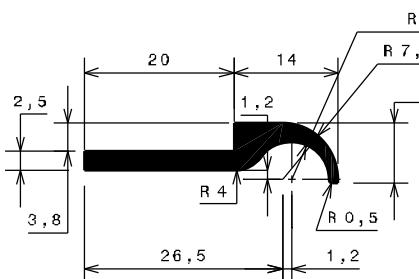


SECTIONS	REF	
	88-410 Lg moule : 2500	
	88-403 Lg moule : 650	
	88-279 Lg moule : 2500	
	88-406 Lg moule : 650	
	88-411 Lg moule : 2500	
	88-405 Lg moule : 2500	
	88-404 Lg moule : 650	

SECTIONS**REF**

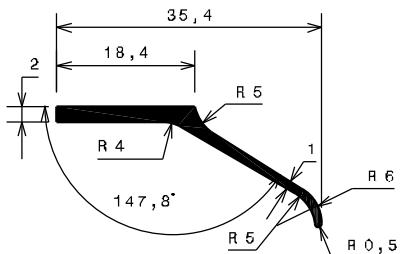
88-56

Lg moule : 3100



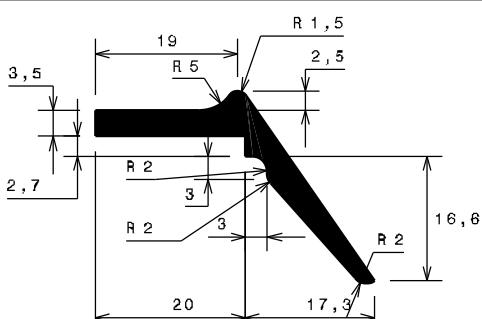
88-12

Lg moule : 3300



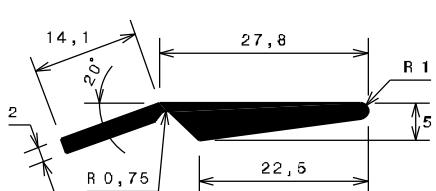
88-210

Lg moule : 3350



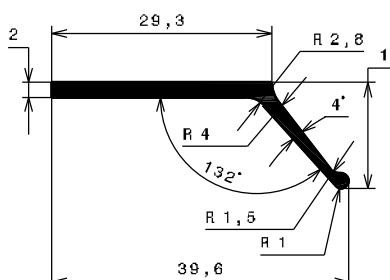
88-100

Lg moule : 3400



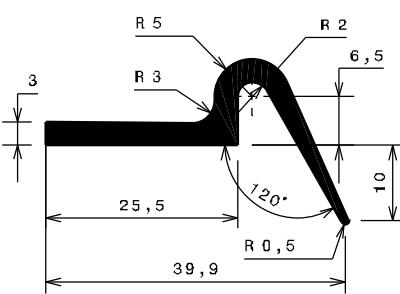
88-185

Lg moule : 3300



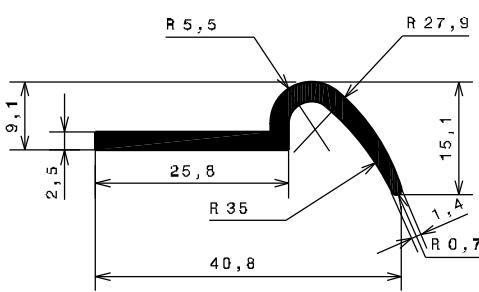
88-412

Lg moule : 3000

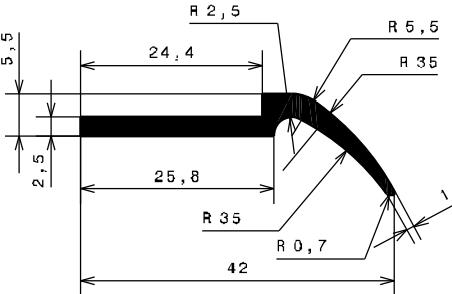
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88-203

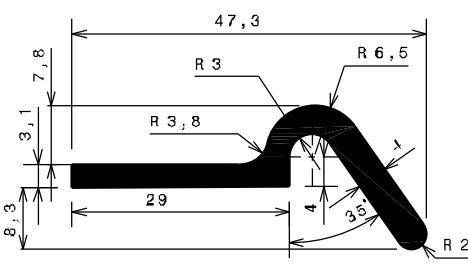
Lg moule : 3350



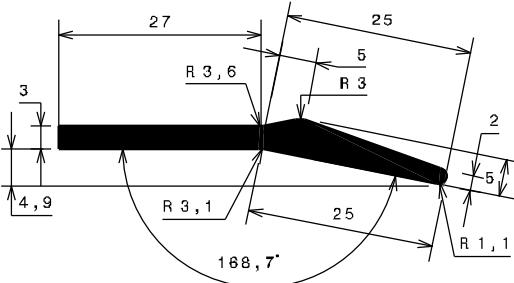
88-331

Lg moule: 3350
650

88-323

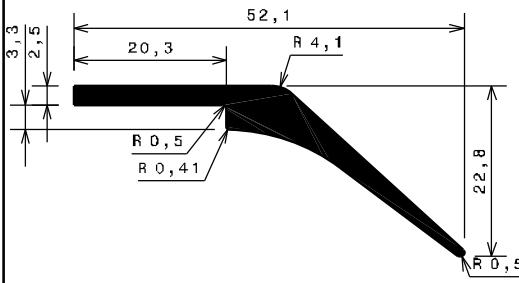
Lg moule: 3350
650

88-338

Lg moule: 3350
650

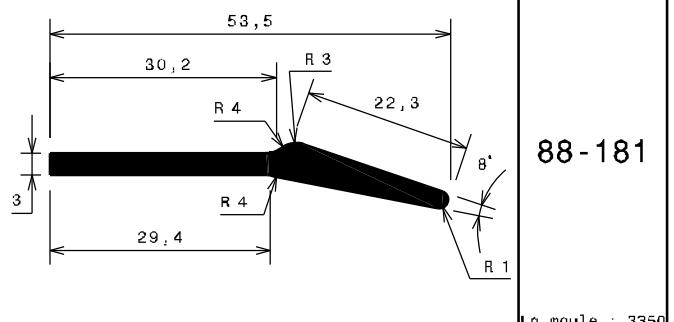
88-143

Lg moule : 3350

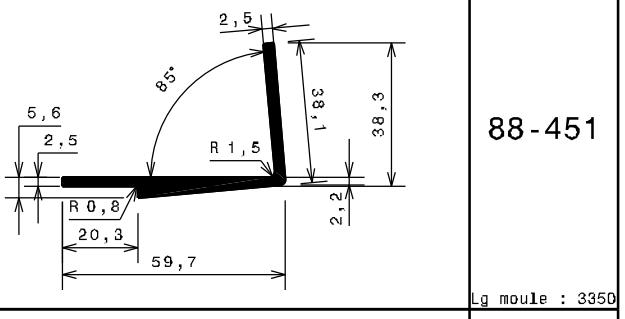


88-428

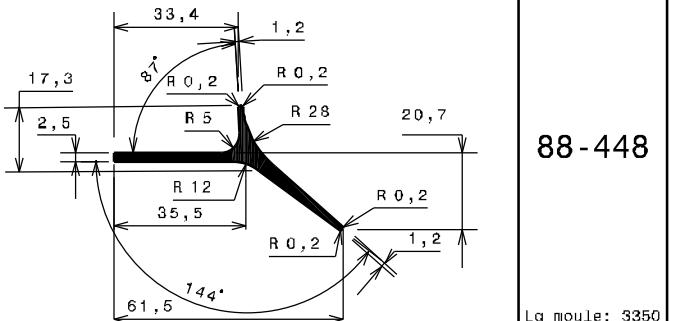
Lg moule : 650

SECTIONS**REF**

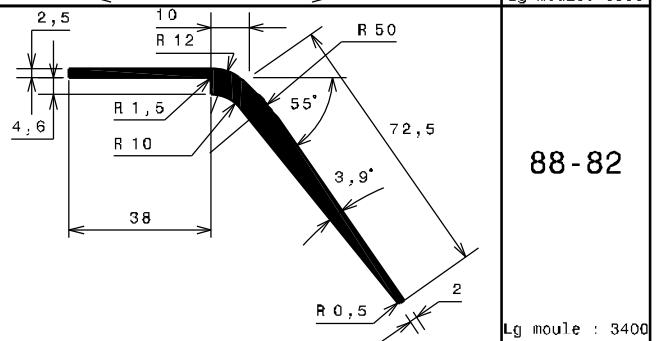
88-181

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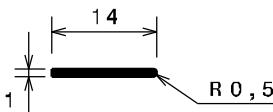
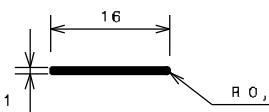
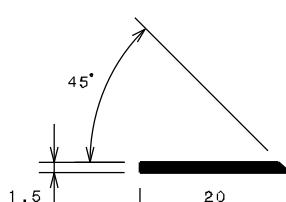
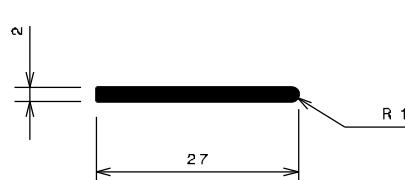
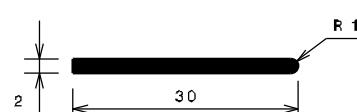
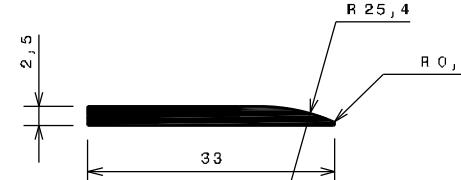
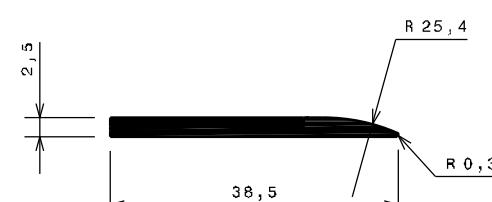
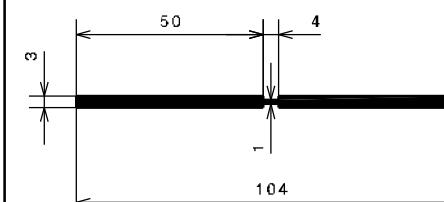
88-451

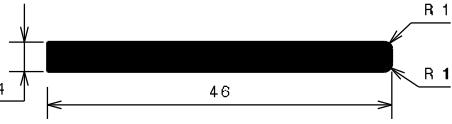
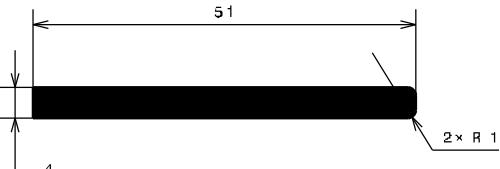


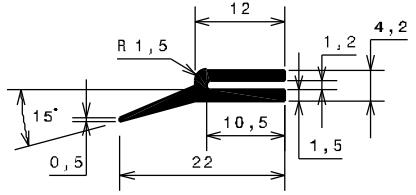
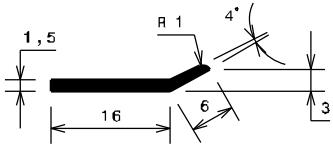
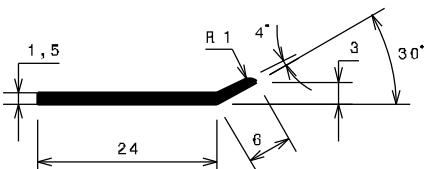
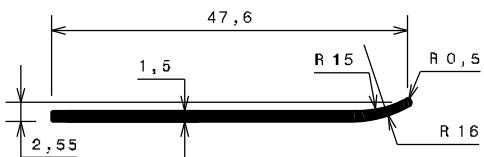
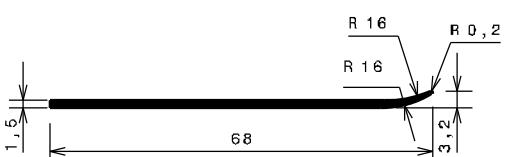
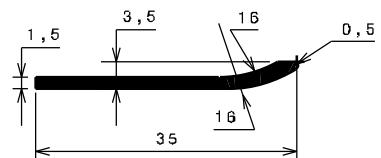
88-448

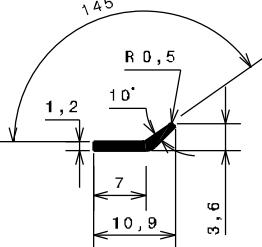
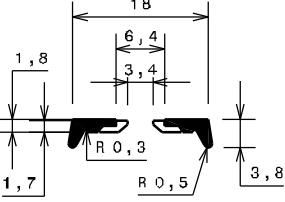
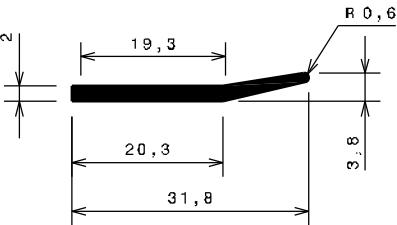
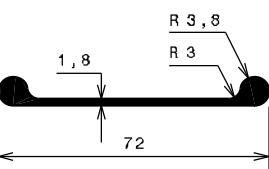
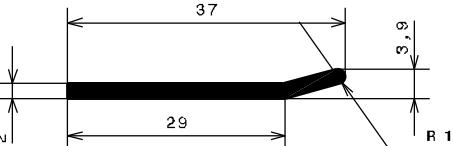
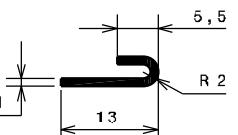
SECTIONS**REF**

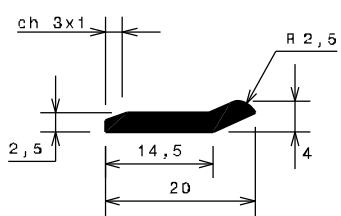
88-82

SECTIONS	REF	
	88-120	Lg moule : 650
	88-119	Lg moule : 650
	88-19	Lg moule : 600
	88-426	Lg moule : 650
	88-69	Lg moule : 3400
	88-124	Lg moule : 3000
	88-425	Lg moule : 650
	88-429	Lg moule : 650
	88-50	Lg moule : 3100
	88-133	Lg moule : 2500
	88-57	Lg moule : 3100
	88-395	Lg moule : 600

SECTIONS	REF	SECTIONS	REF
	88-74 Lg moule : 3400		
	88-380 Lg moule : 1200		

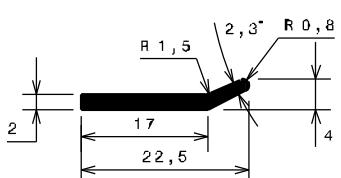
SECTIONS	REF
	88-54 Lg moule : 800
	88-85 Lg moule : 3400
	88-86 Lg moule : 3400
	88-195 Lg moule : 3350
	88-316 Lg moule : 3350 600
	88-174

SECTIONS	REF
	88-445 Lg moule : 3350
	88-242
	88-431 Lg moule : 650
	88-243 Lg moule : 1600
	88-399 Lg moule : 600
	88-41 Lg moule : 3200

SECTIONS**REF**

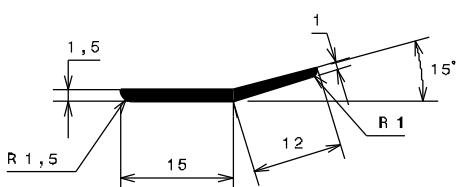
88-48

Lg moule : 3100

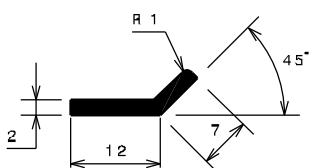


88-43

Lg moule : 3200

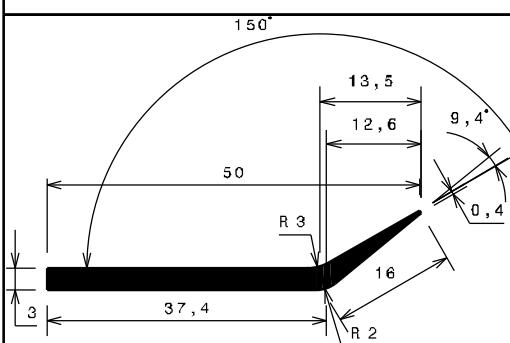


88-10

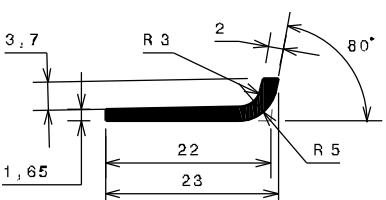
Lg moule : 3000
3400

88-33

Lg moule : 3200

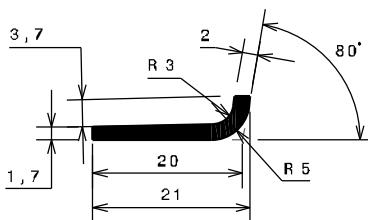


88-126



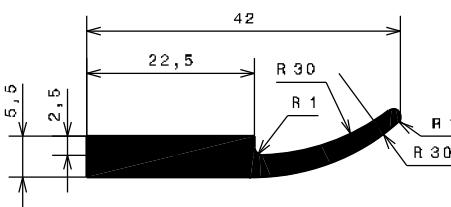
88-32

Lg moule: 2000

SECTIONS**REF**

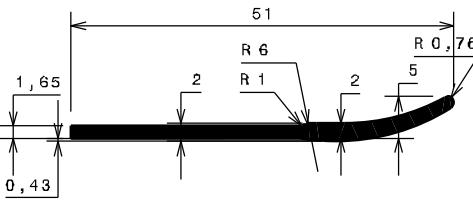
88-24

Lg moule : 2000



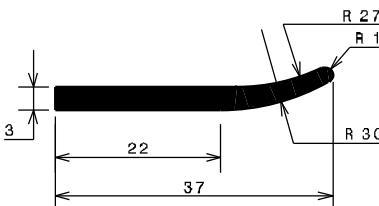
88-397

Lg moule : 3000



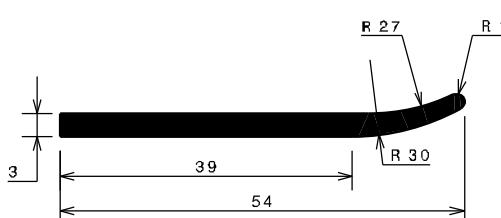
88-187

Lg moule : 3400



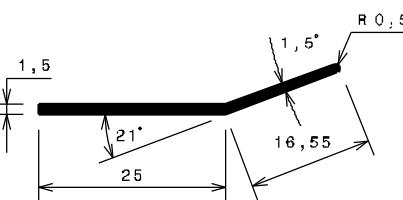
88-29

Lg moule : 3300



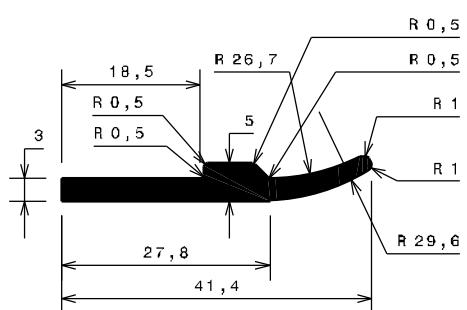
88-44

Lg moule : 3400



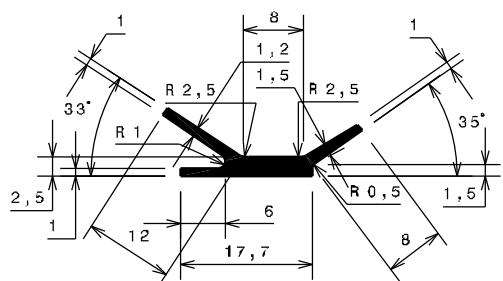
88-219

Lg moule : 3000

SECTIONS**REF**

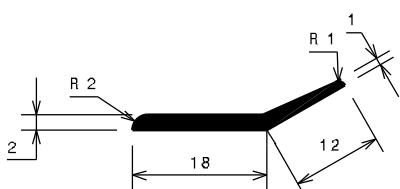
88-167

Lg moule : 3350



88-225

Lg moule : 1500



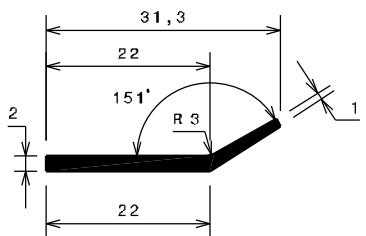
88-09

Lg moule : 3400



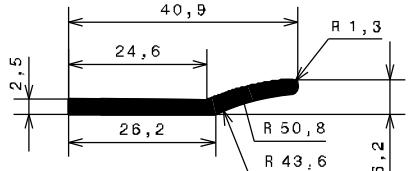
88-201

Lg moule : 3350



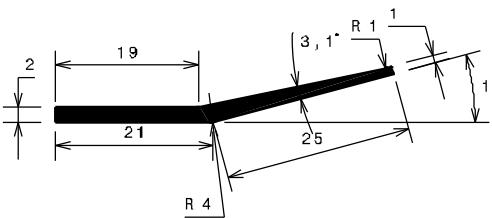
88-208

Lg moule : 3350



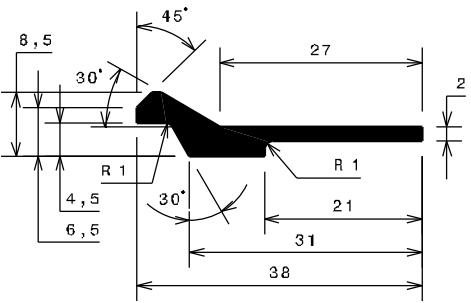
88-317

Lg moule : 3000

SECTIONS**REF**

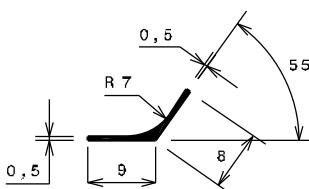
88-83

Lg moule : 3000



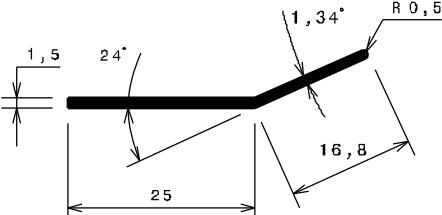
88-222

Lg moule : 3350



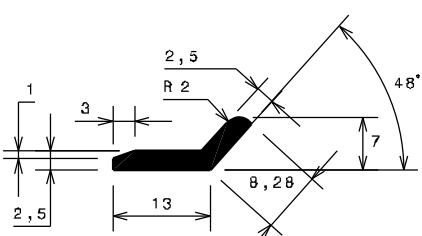
88-34

Lg moule : 3200



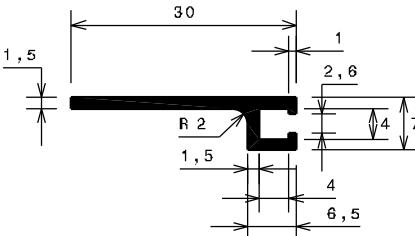
88-213

Lg moule : 3000



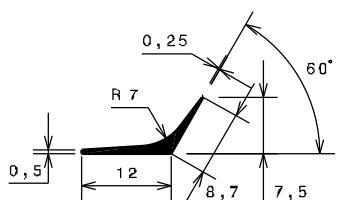
88-84

Lg moule : 3400



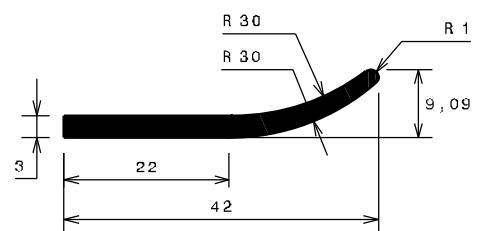
88-216

Lg moule : 2000

SECTIONS**REF**

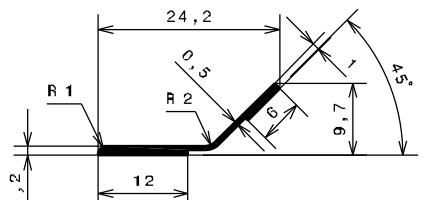
88-11

Lg moule : 3000



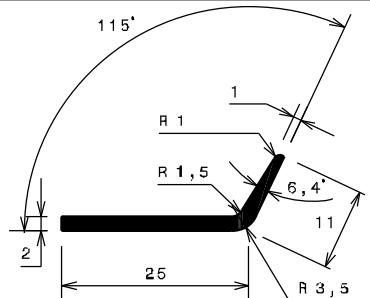
88-128

Lg moule : 3350



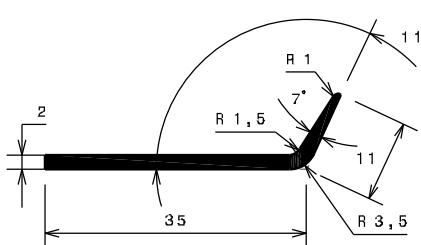
88-160

Lg moule : 3000



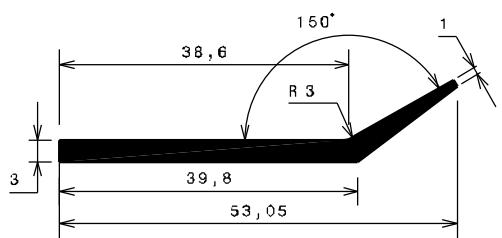
88-87

Lg moule : 3400



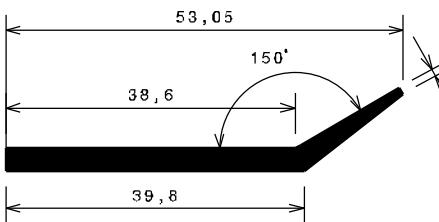
88-115

Lg moule : 2200



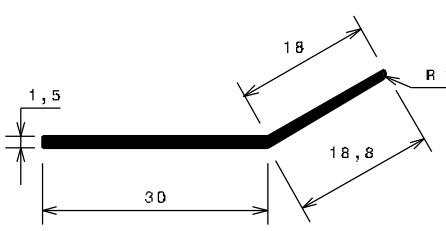
88-224

Lg moule : 3350

SECTIONS**REF**

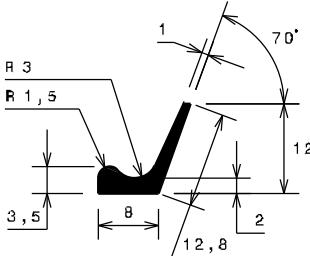
88-223

Lg moule : 3350



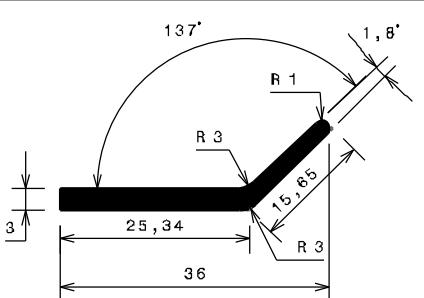
88-193

Lg moule : 3400



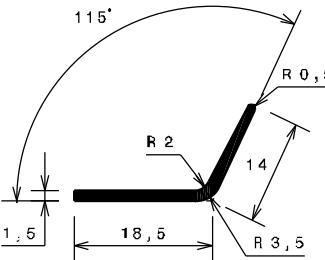
88-14

Lg moule : 3300



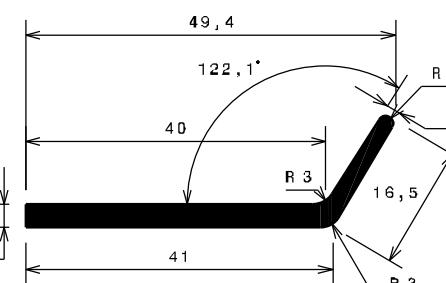
88-149

Lg moule : 1200



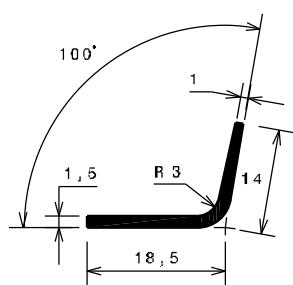
88-20

Lg moule : 3300



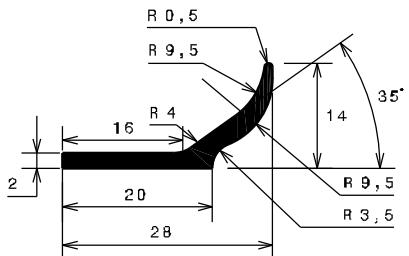
88-142

Lg moule : 3350

SECTIONS**REF**

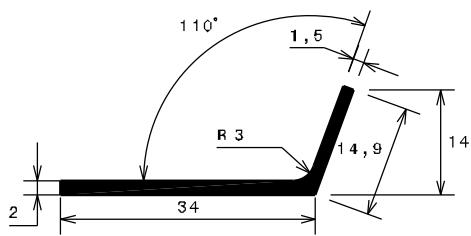
88-38

Lg moule : 3400



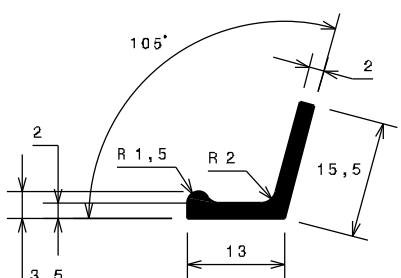
88-42

Lg moule : 3300



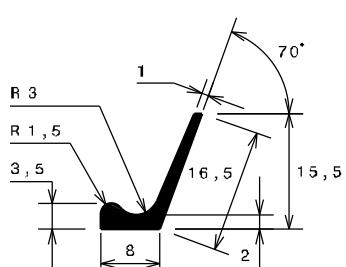
88-40

Lg moule : 3200



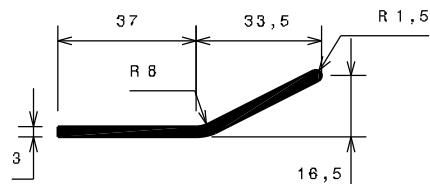
88-229

Lg moule : 3350



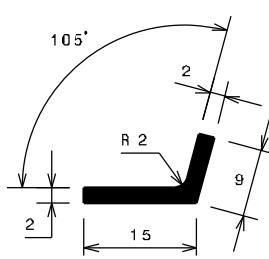
88-17

Lg moule : 3300



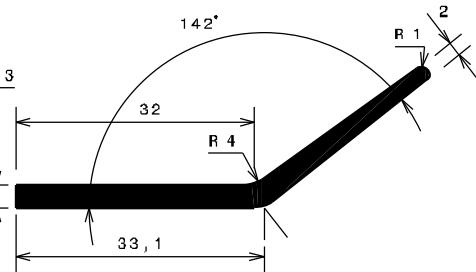
88-178

Lg moule : 3300

SECTIONS**REF**

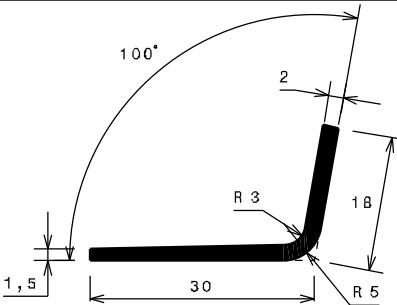
88-98

Lg moule : 3400



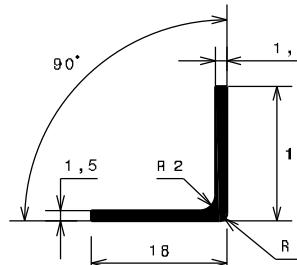
88-168

Lg moule : 3350



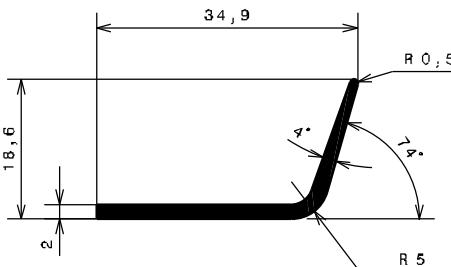
88-08

Lg moule : 2000



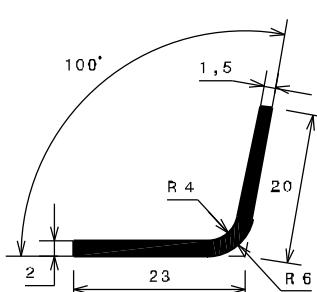
88-25

Lg moule : 1700



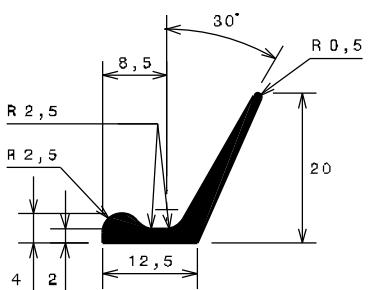
88-396

Lg moule : 3000

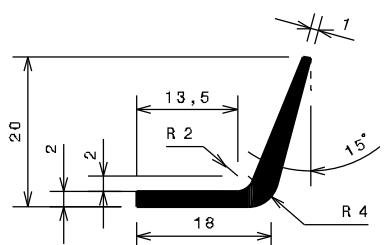


88-26

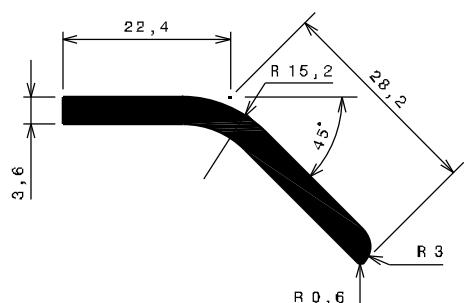
Lg moule : 2000

SECTIONS**REF**

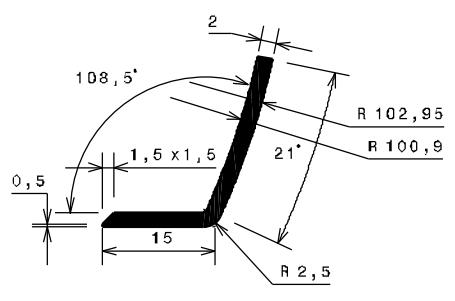
88-27



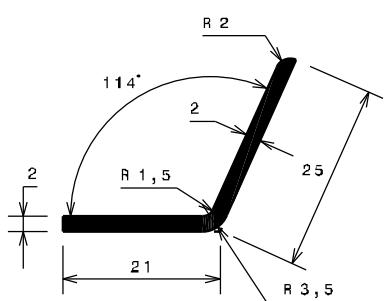
88-334



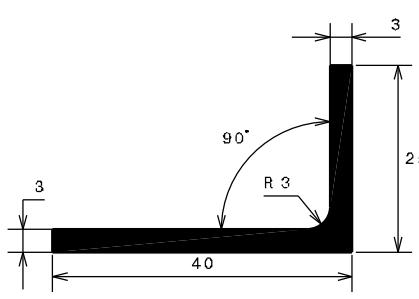
88-447



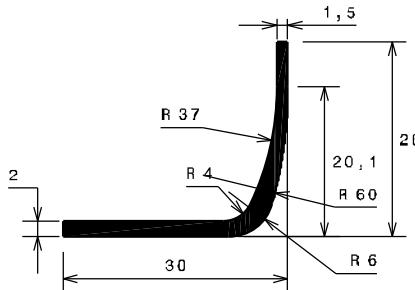
88-148



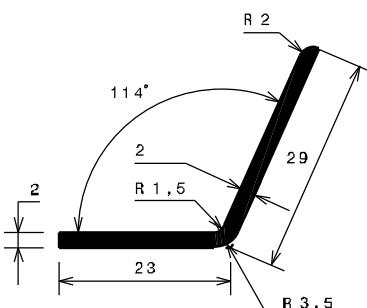
88-163



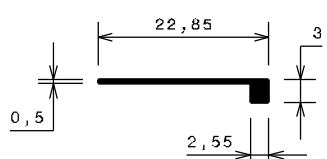
88-16

SECTIONS**REF**

88-31

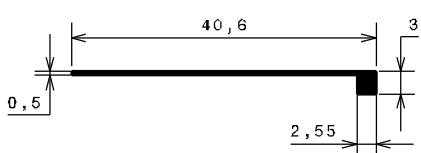


88-159

SECTIONS**REF**

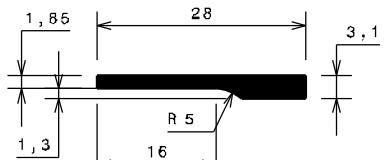
88-137

Lg moule : 2000



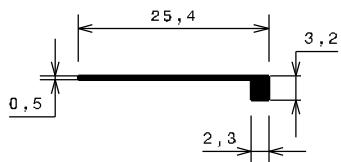
88-138

Lg moule : 2000



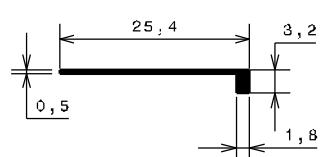
88-88

Lg moule : 3400



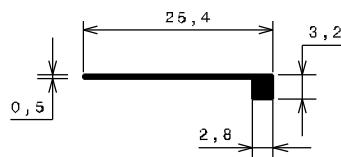
88-134

Lg moule : 2000



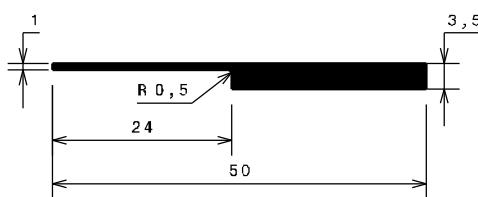
88-117

Lg moule : 2000



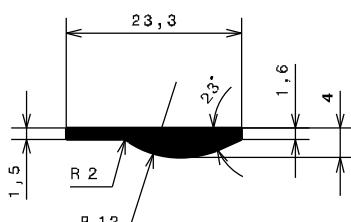
88-135

Lg moule : 2000

SECTIONS**REF**

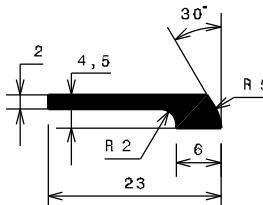
88-63

Lg moule : 3100



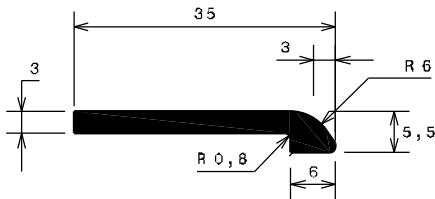
88-398

Lg moule : 3000



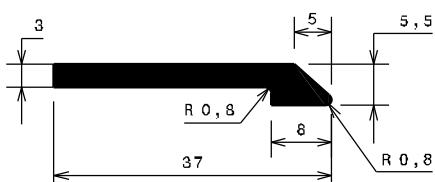
88-07

Lg moule : 3350



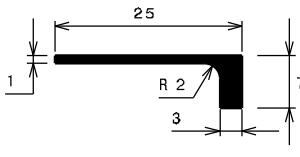
88-114

Lg moule : 1200



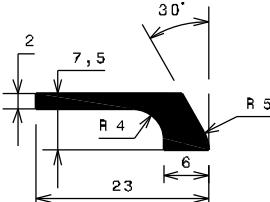
88-64

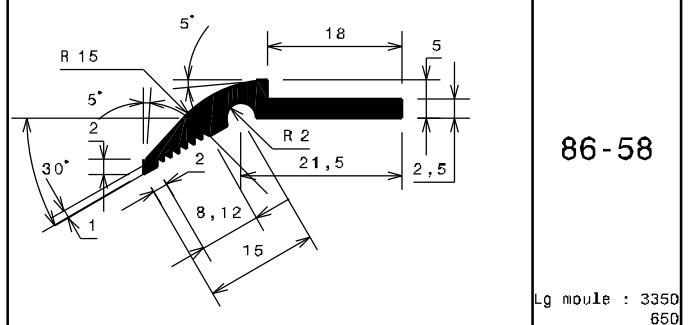
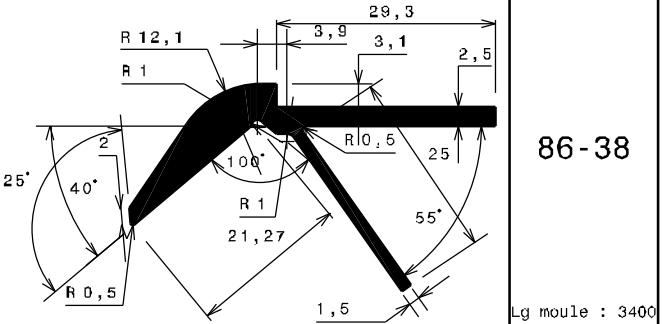
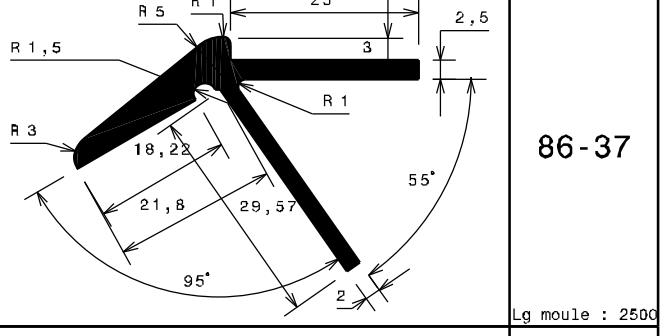
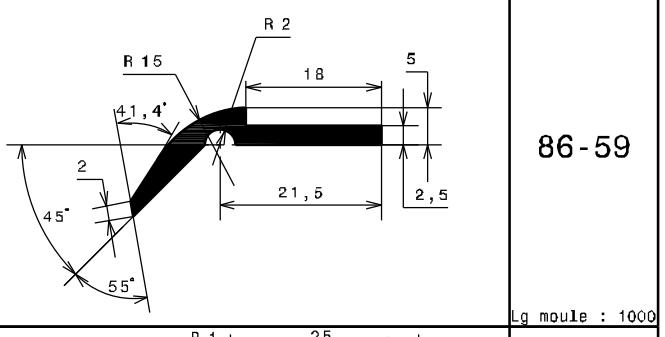
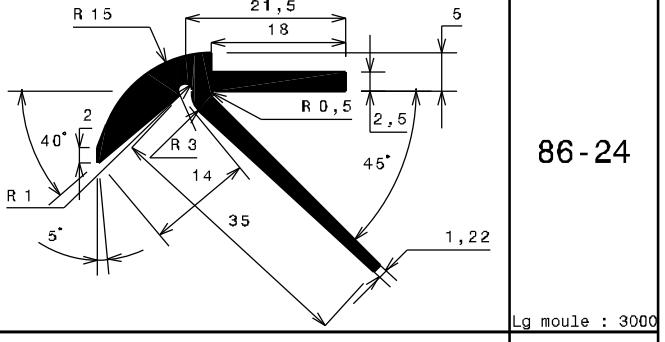
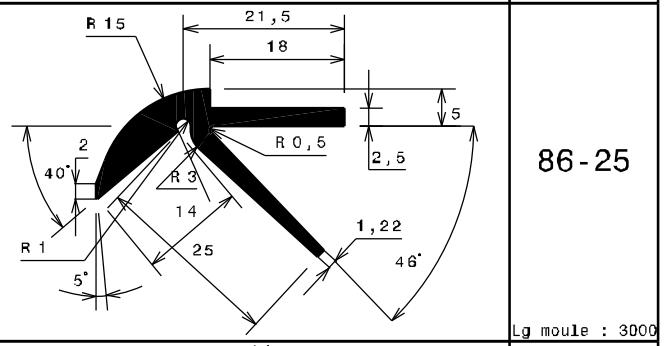
Lg moule : 3350



88-66

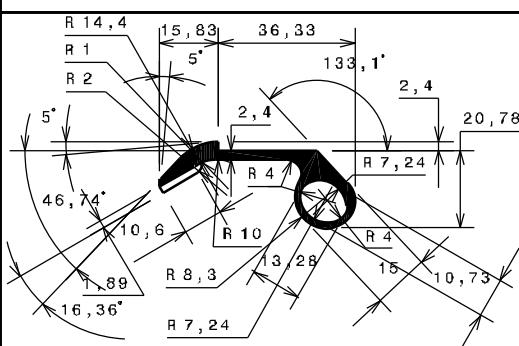
Lg moule : 3200

SECTIONS	REF	SECTIONS	REF
	88-06 Lg moule : 3350		

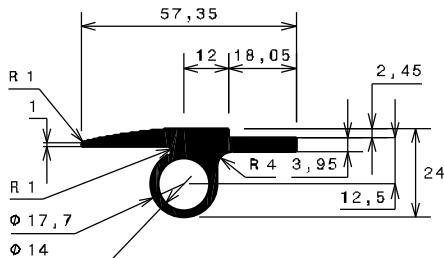
SECTIONS**REF****SECTIONS****REF**

SECTIONS

REF

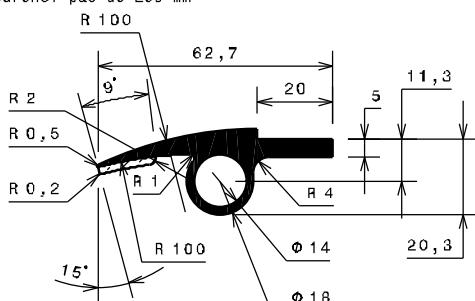


86-39



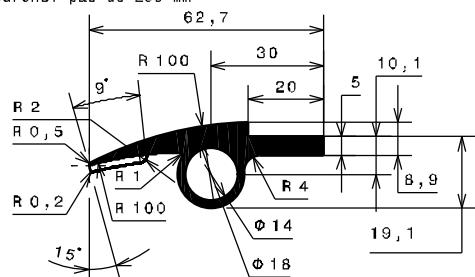
86-33

Godrons: pas de 250 mm

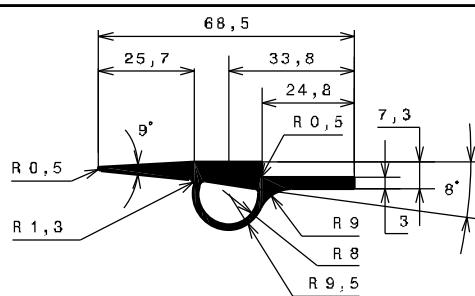


86-36

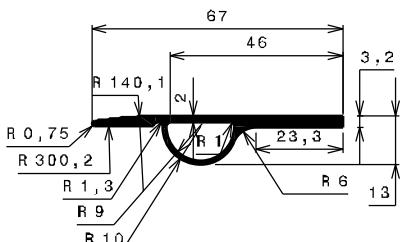
Godrons: pas de 250 mm



86-82



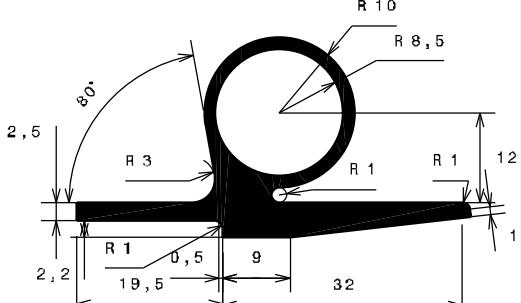
86-53



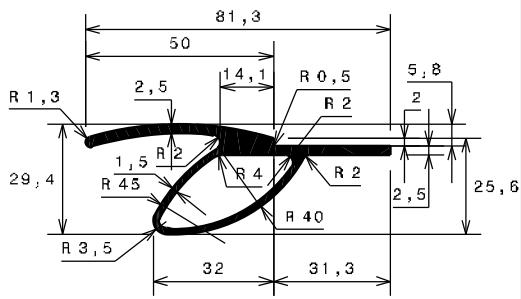
86-84

SECTIONS

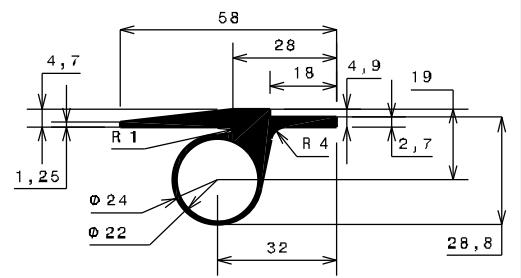
REF



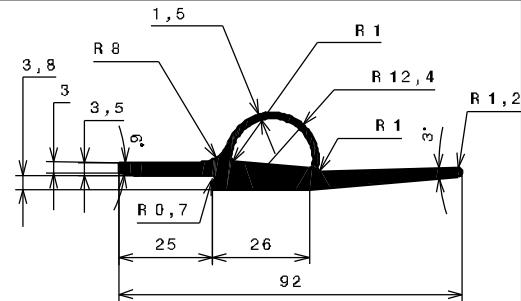
86-76



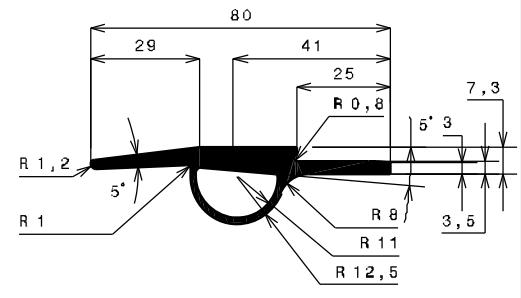
86-68



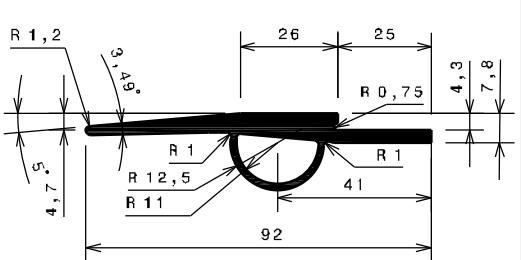
86-34



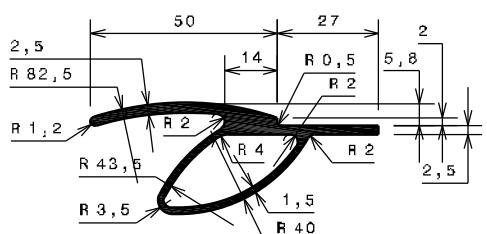
86-77



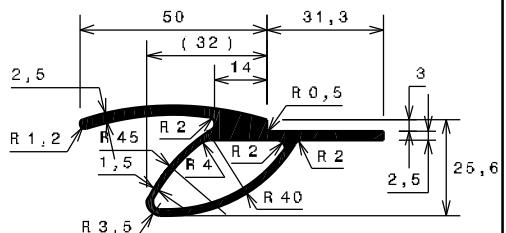
86-52



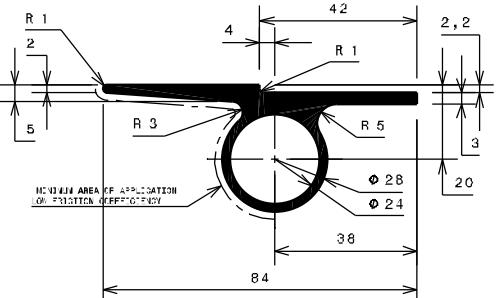
86-73

SECTIONS**REF****SECTIONS****REF**

86-69

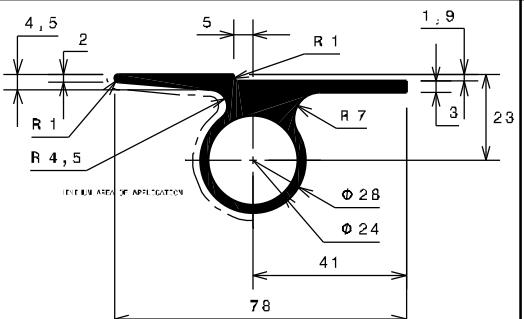
Lg moule : 3300
650

86-70

Lg moule : 3300
650

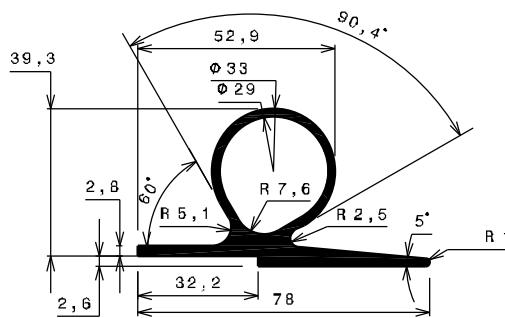
86-41

Lg moule : 3350



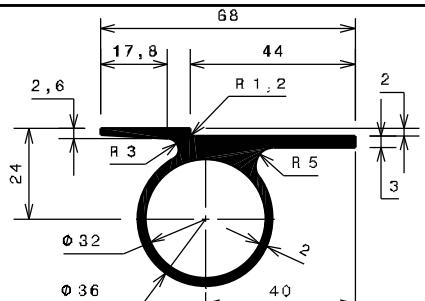
86-42

Lg moule : 3350



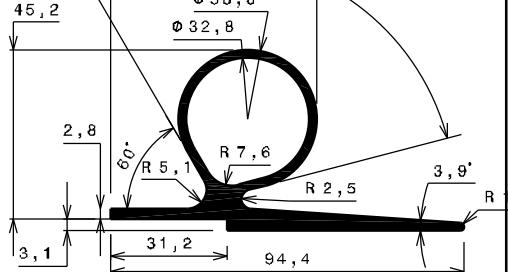
86-87

Lg moule : 3350



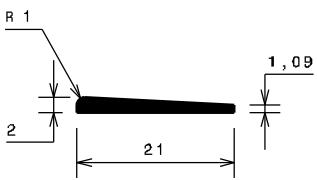
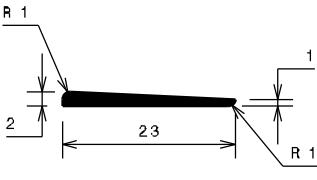
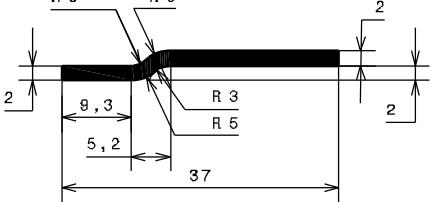
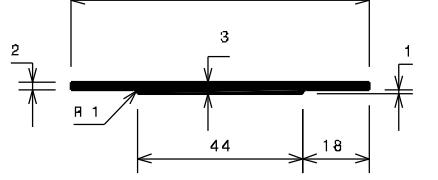
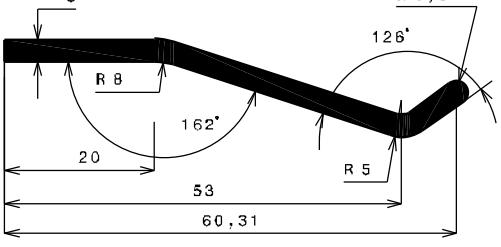
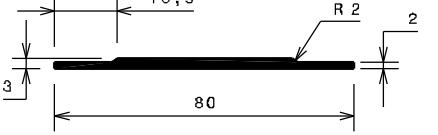
88-170

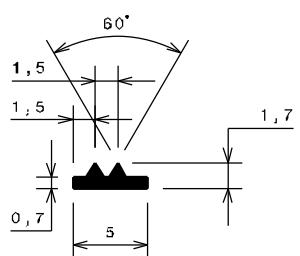
Lg moule : 3350

SECTIONS

86-86

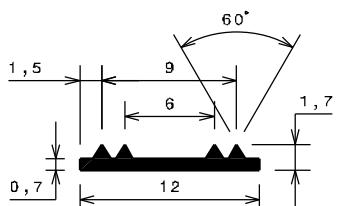
Lg moule : 3350

SECTIONS	REF
	86-15 Lg moule : 3100
	86-08 Lg moule : 3100
	86-43 Lg moule : 3350
	86-51 Lg moule : 3350
	86-46 Lg moule : 3350
	86-26 Lg moule : 1600

SECTIONS**REF**

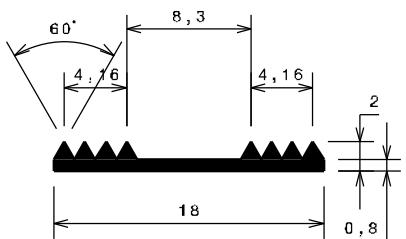
86-06

Lg moule : 3300

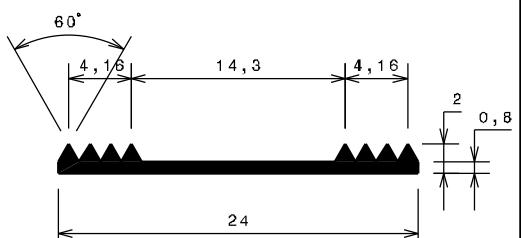


86-05

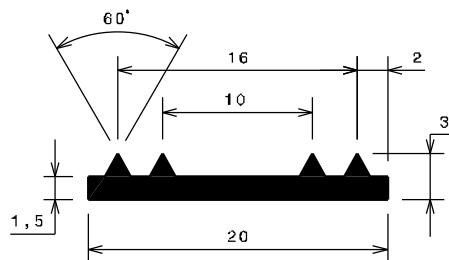
Lg moule : 3300



86-02

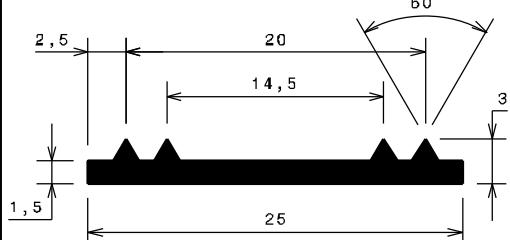
Lg moule : 3100
700

86-03

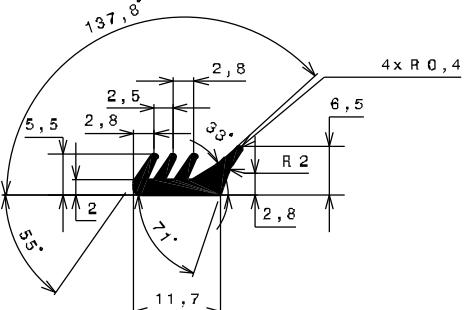
Lg moule : 3100
700

86-04

Lg moule : 3300



86-01

Lg moule : 3100
2000**SECTIONS****REF**

86-83

Lg moule : 2100



D PROFILES

All these profiles are moulded in silicone with various fabric reinforcements available.

The sections are produced in straight length.

However the profiles can be shaped by a variety of techniques including moulding of angles, sticking, cutting, etc...; in that case, specific tooling is required - Please contact us -.

EXAMPLE OF DESIGNATION

7332 B452+PRF89/91 Lg3000

Profile reference

Material reference

Fabric references (separate by « / »)

Extended length of the seal

PROFILES D

Tous ces profilés sont moulés en silicium avec différents renforts tissus possibles. Des solutions avec d'autre élastomères sont possible par exemple EPDM ou Polyuréthane.

Toutes ces sections sont réalisées de manière standard en longueur droite.

Cependant, ces profils peuvent être utilisés pour obtenir des joints en forme, par moulage d'angles, collage, découpage etc... nécessitant la création d'outillages adaptés - Nous consulter - .

EXEMPLE DE DESIGNATION

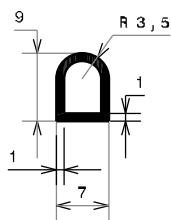
7332 B452+PRF89/91 Lg3000

Référence profilé

Référence matière

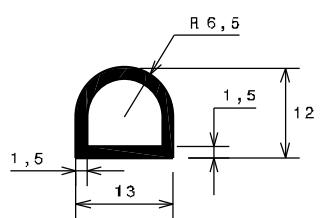
Références tissus (séparées par « / »)

Longueur développée du joint

SECTIONS**REF**

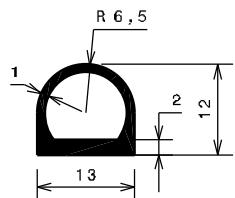
72-53

Lg moule : 3400



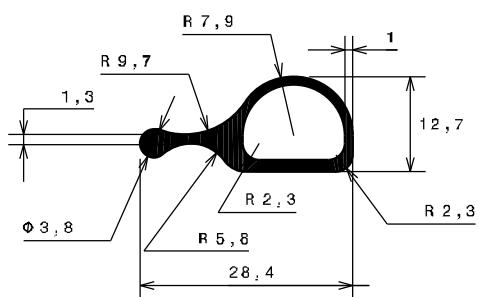
72-02

Lg moule : 3200

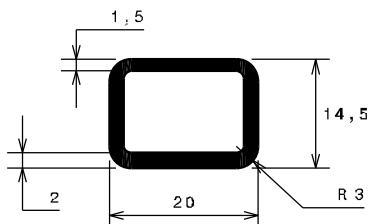


72-51

Lg moule : 3350

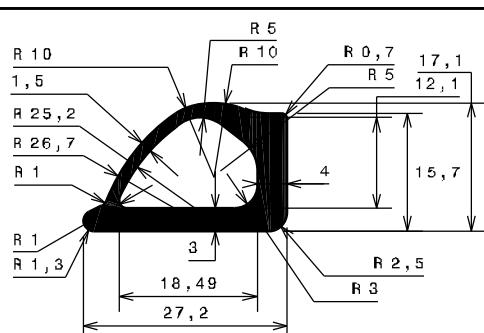


72-39

Lg moule : 3350
650

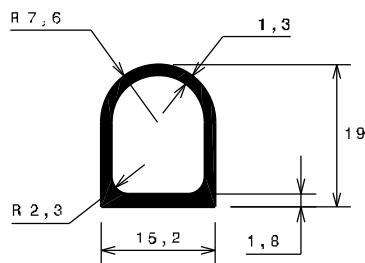
72-01

Lg moule : 3200



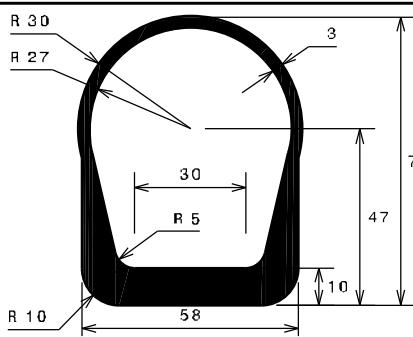
72-11

Lg moule : 3400

SECTIONS**REF**

72-04

Lg moule: 3100



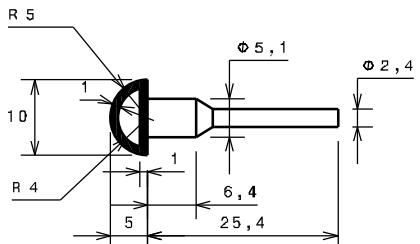
72-14

Lg moule : 1650

SECTIONS

REF

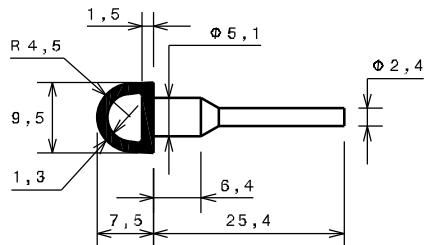
pas des picots: 37,3mm



73-20

Lg moule: 3000

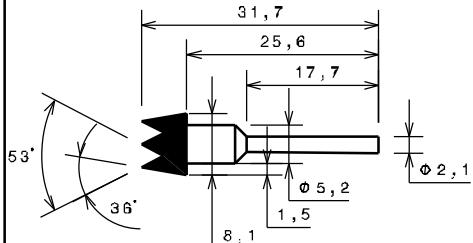
pas des picots: 37,3mm



72-09

Lg moule: 3000

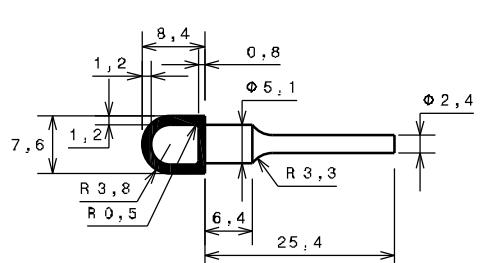
pas des picots: 37,7mm



72-35

Lg moule : 1600

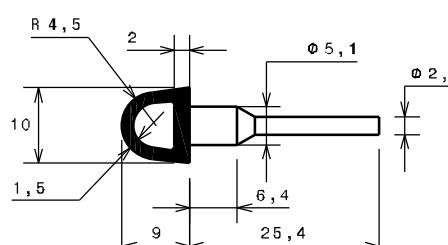
Pas des picots: 37,3mm



72-29

Lg moule : 2500
650

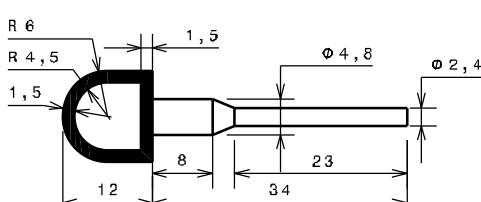
pas des picots: 37,3mm



72-05

Lg moule: 3000

pas des picots: 40mm



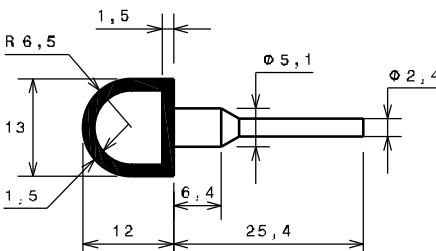
72-16

Lg moule: 1600

SECTIONS

REF

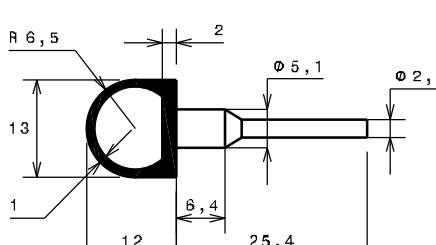
pas des picots: 37,3mm



72-10

Lg moule: 1800

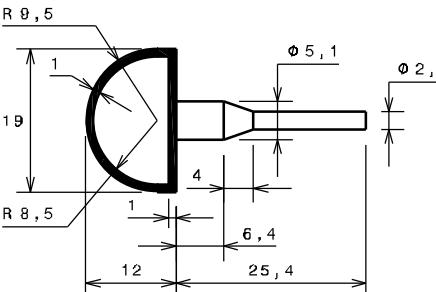
pas des picots: 37,3mm



72-12

Lg moule: 1800

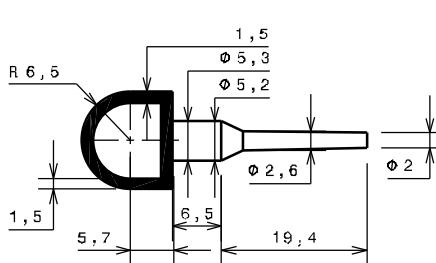
pas des picots : 80mm



73-24

Lg moule: 3000

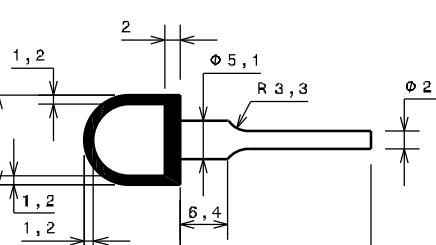
pas des picots: 37,6mm



72-30

Lg moule: 2000

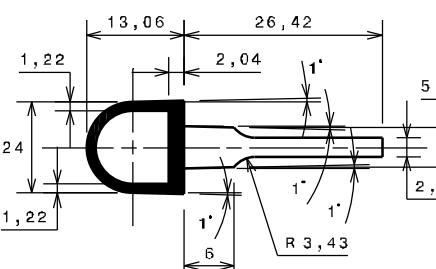
Pas des picots: 37,3mm



72-31

Lg moule : 2000

pas des picots: 38,04mm



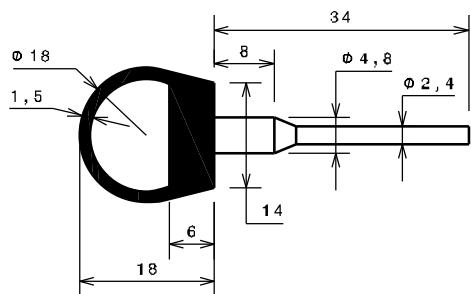
72-36

Lg moule : 1700

SECTIONS

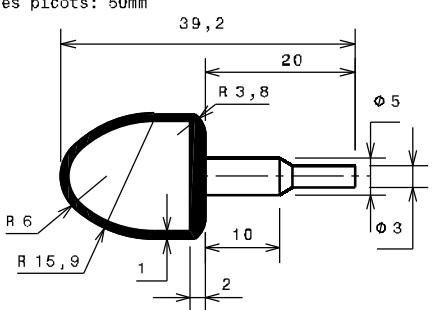
REF

pas des picots: 40mm



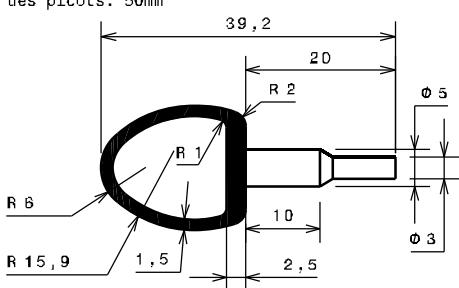
72-32

Pas des picots: 50mm



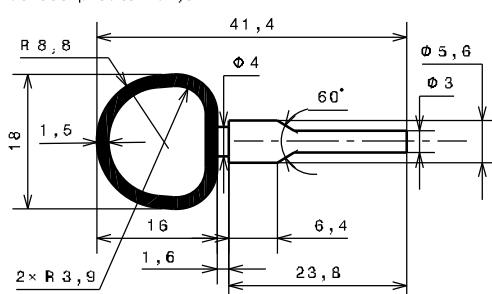
72-42

Pas des picots: 50mm



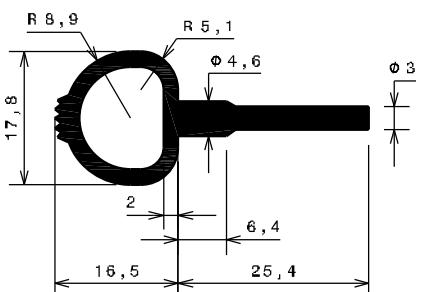
72-41

Pas des picots: 37,3mm



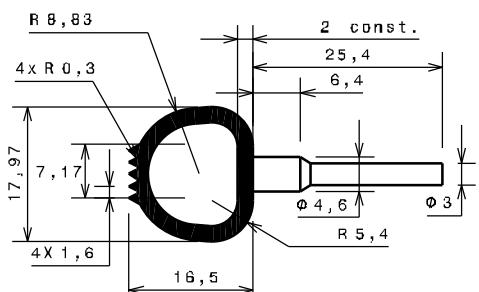
72-43

pas des picots: 38,1



72-52

pas des picots: 37,3mm

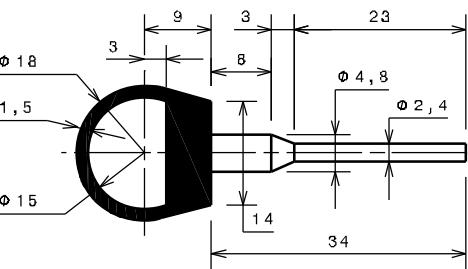


72-21

SECTIONS

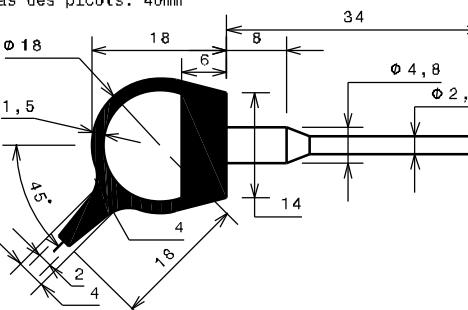
REF

pas des picots: 40mm



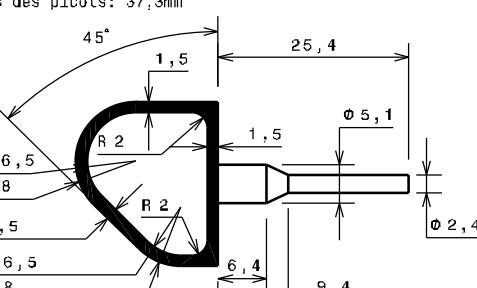
72-27

Pas des picots: 40mm



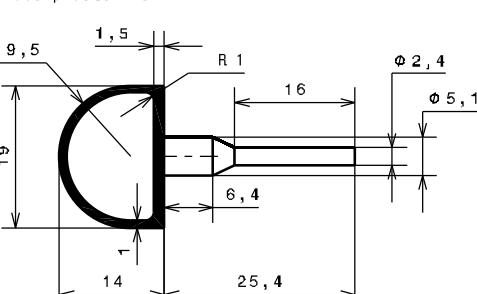
72-20

Pas des picots: 37,3mm



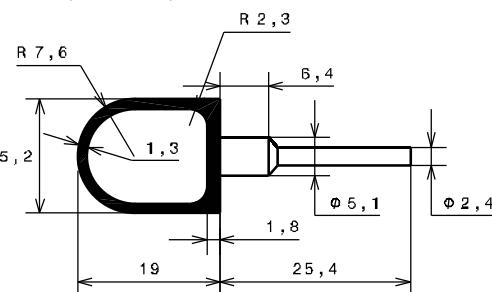
72-28

Pas des picots: 40mm

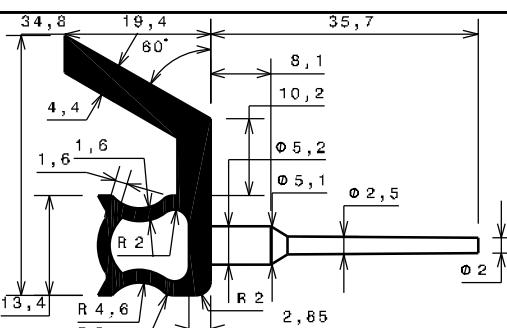


72-45

Pas des picots: 37,3mm



72-46

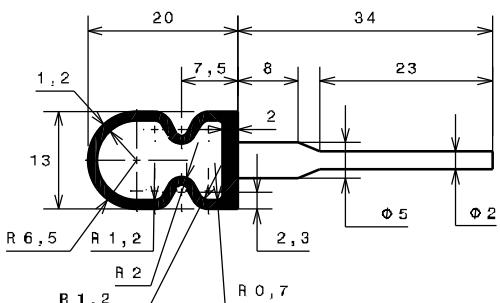


73-23

SECTIONS

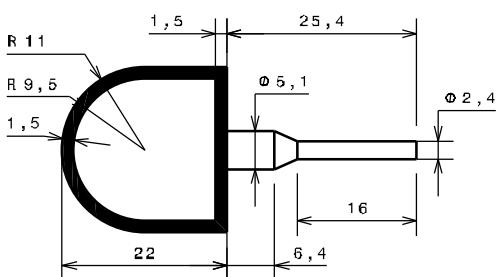
REF

pas des picots: 40mm



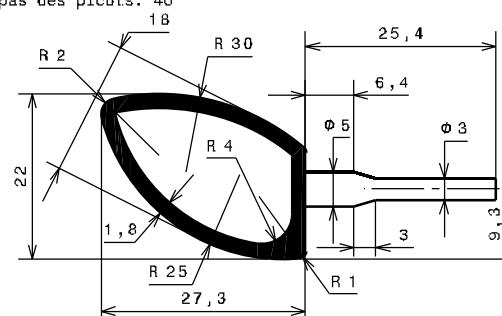
72-44

pas des picots: 37,3mm



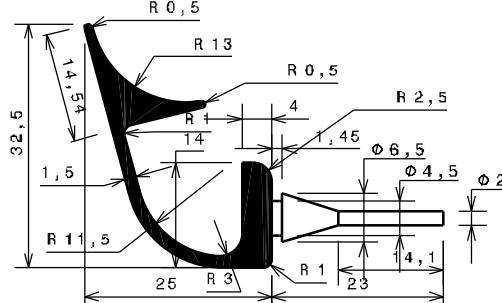
72-18

pas des picots: 40



72-54

pas des picots: 50mm

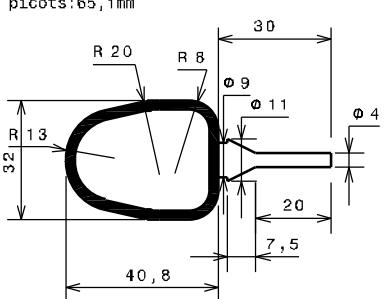


72-22

pas des picots: 38,5mm

pas des picots: 65,1mm

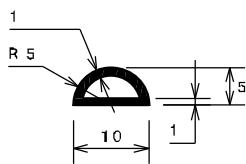
72-55



Lg moule: 3350

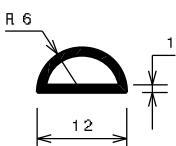
SECTIONS

REF

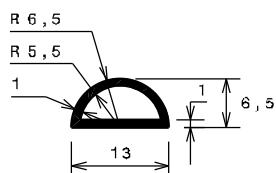
SECTIONS**REF**

73-09

Lg moule : 3400

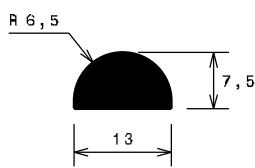


73-106

Lg moule : 3350
650

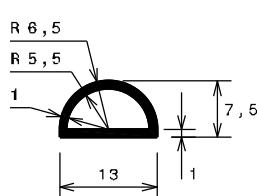
73-08

Lg moule : 3200



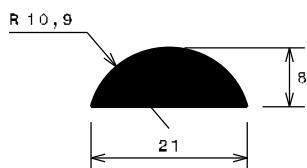
73-07

Lg moule : 3200



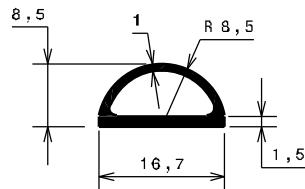
73-05

Lg moule : 3200



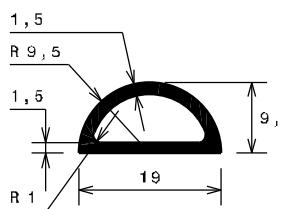
73-12

Lg moule : 3200

SECTIONS**REF**

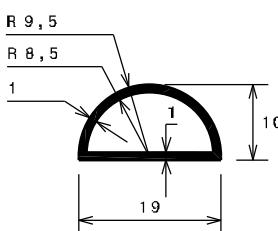
73-319

Lg moule : 1600



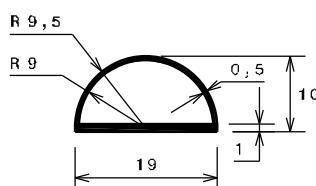
73-53

Lg moule : 1600



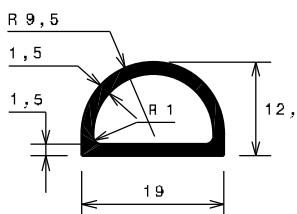
73-01

Lg moule : 3200



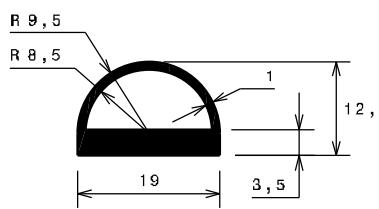
73-10

Lg moule : 3200



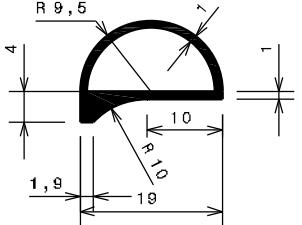
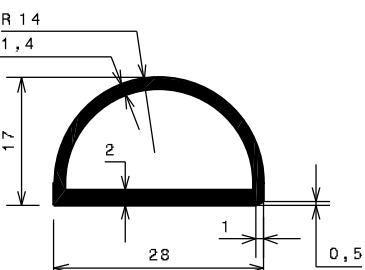
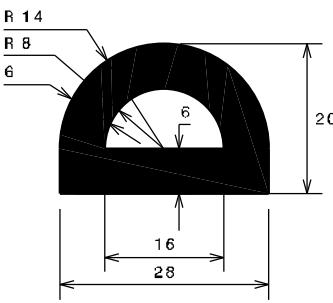
73-51

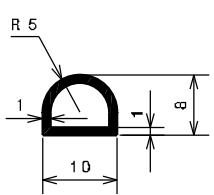
Lg moule : 1600



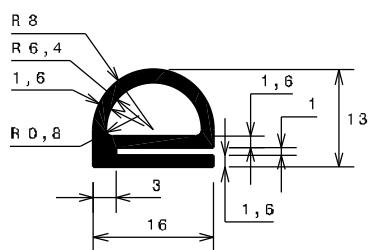
73-17

Lg moule : 3100

SECTIONS	REF	SECTIONS	REF
	73-108		
	73-103		
	73-43		

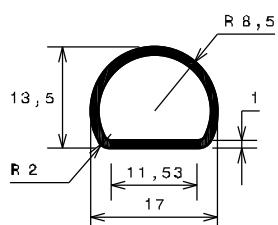
SECTIONS**REF**

73-114

Lg moule : 3350
650

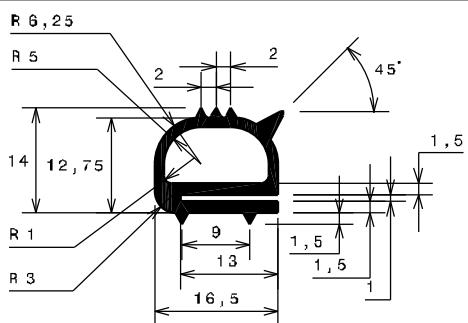
73-21

Lg moule : 3100



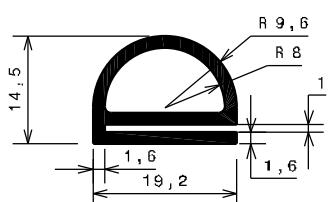
73-90

Lg moule : 3350



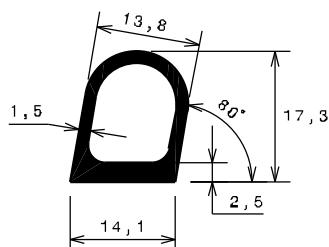
73-18

Lg moule : 3100



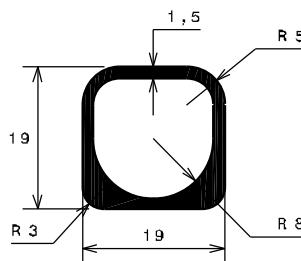
73-115

Lg moule : 1000



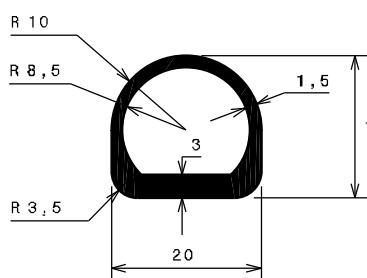
73-96

Lg moule : 1500

SECTIONS**REF**

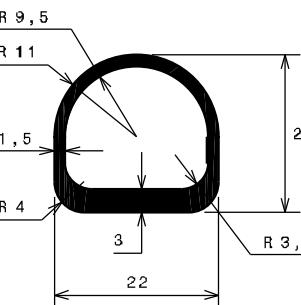
73-91

Lg moule : 3350

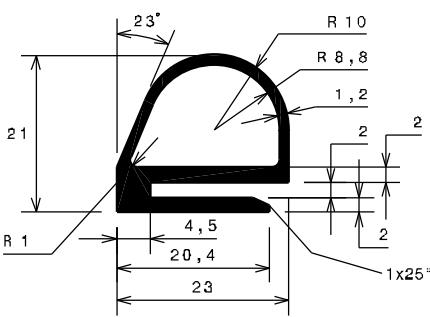


73-31

Lg moule : 3400

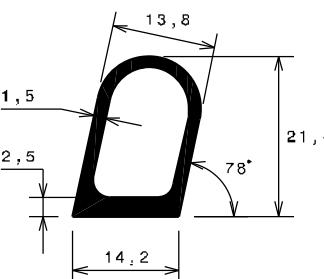


73-74

Lg moule : 3350
600

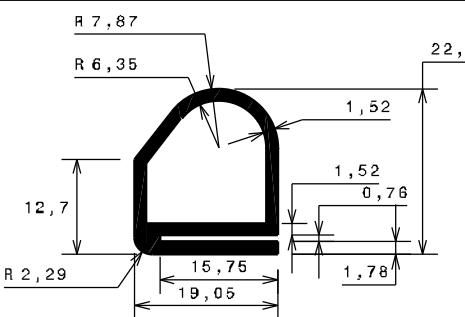
73-30

Lg moule : 3400



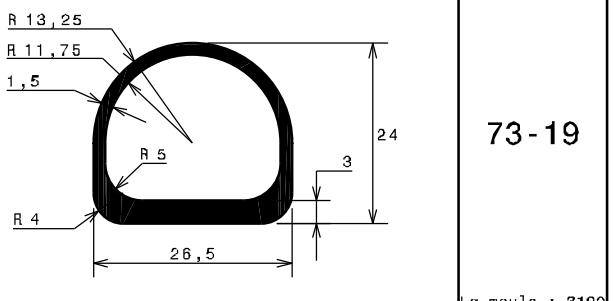
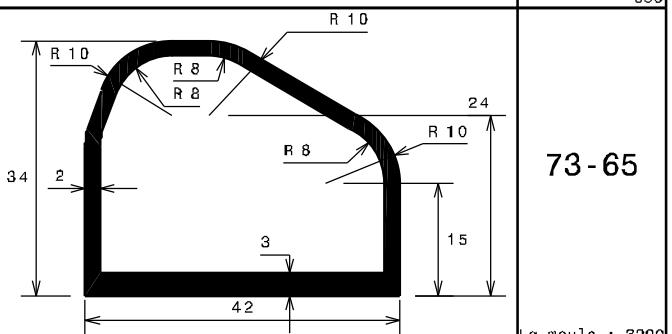
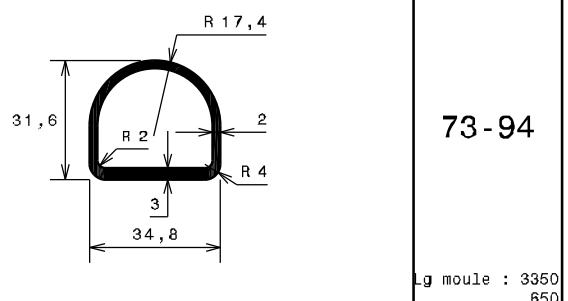
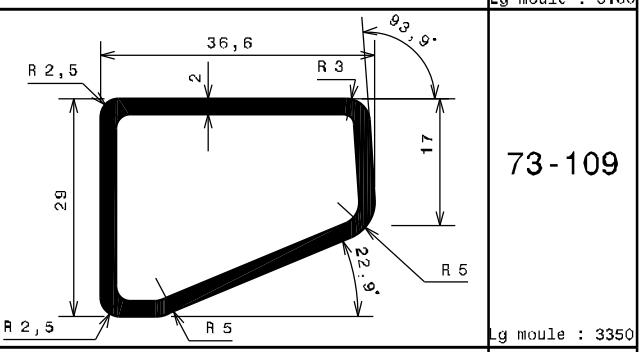
73-95

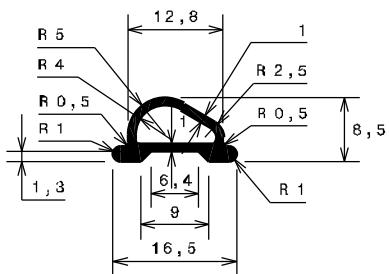
Lg moule : 1500



73-25

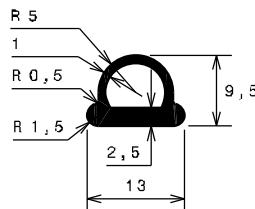
Lg moule : 3400

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SECTIONS**REF**

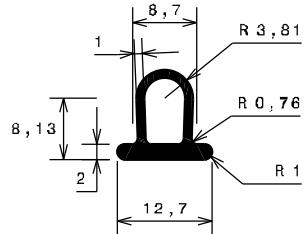
73-50

Lg moule : 1200



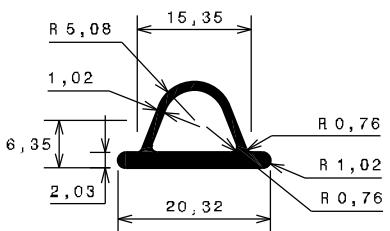
73-52

Lg moule : 3000



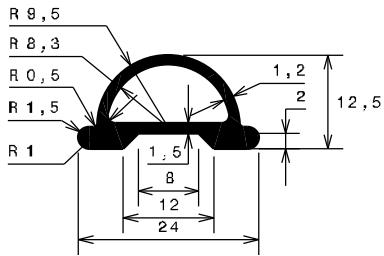
73-89

Lg moule : 3350



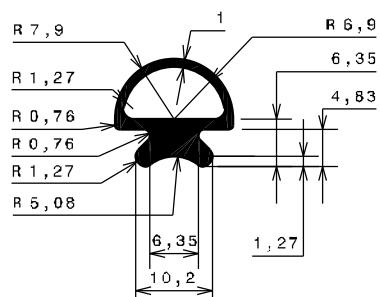
73-88

Lg moule : 3350



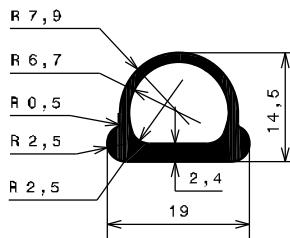
73-38

Lg moule : 1200



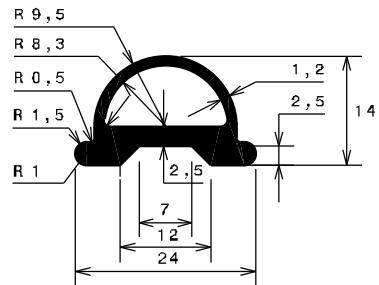
73-46

Lg moule : 3400

SECTIONS**REF**

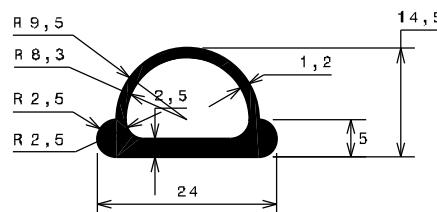
73-112

Lg moule : 3350



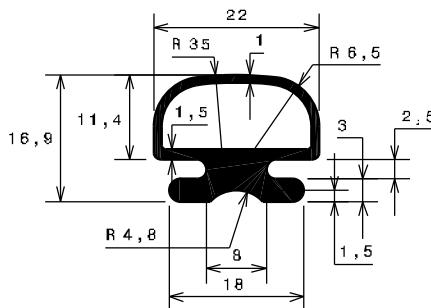
73-35

Lg moule : 1200



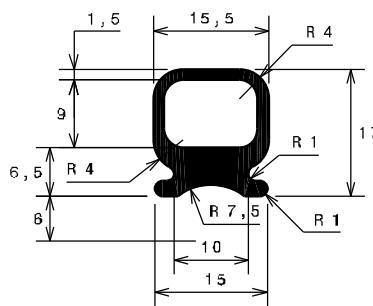
73-03

Lg moule : 3200



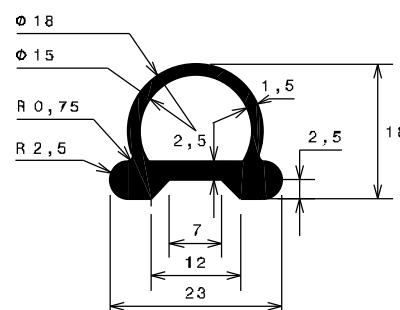
73-97

Lg moule : 3350



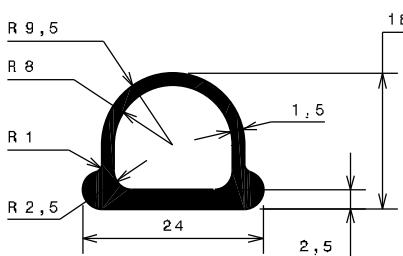
72-03

Lg moule : 3200



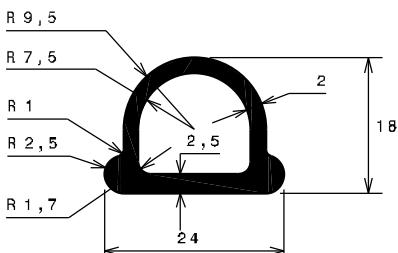
73-48

Lg moule : 3400

SECTIONS**REF**

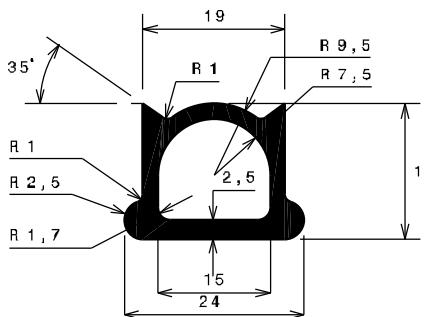
73-26

Lg moule : 3200



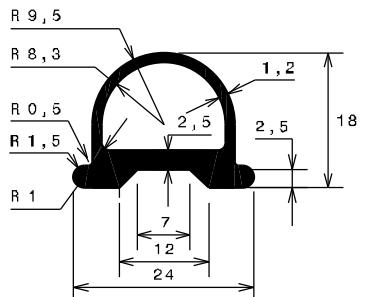
73-39

Lg moule : 3200



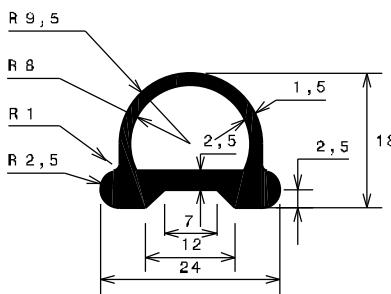
73-16

Lg moule : 3100

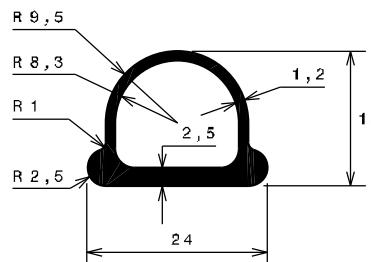


73-36

Lg moule : 1200

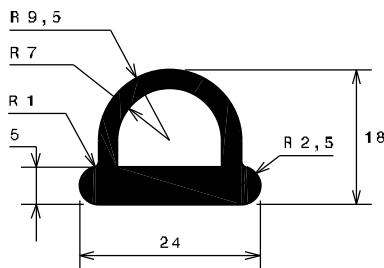


73-34

Lg moule : 3200
3000

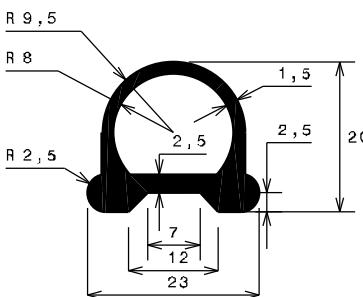
73-11

Lg moule : 3200

SECTIONS**REF**

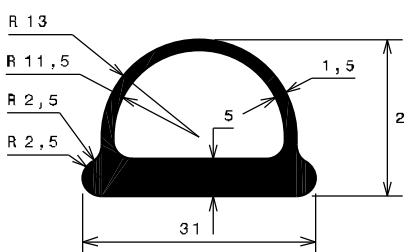
73-68

Lg moule : 650



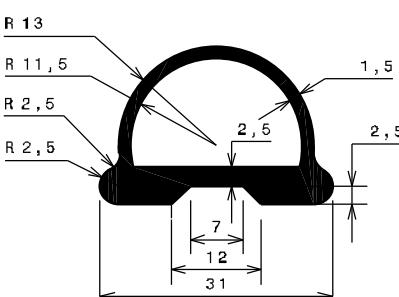
73-55

Lg moule : 3350



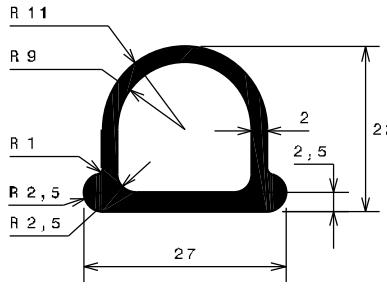
73-14

Lg moule : 3100



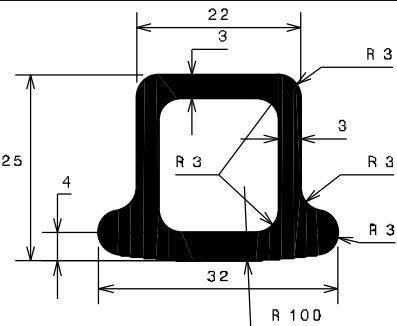
73-37

Lg moule : 1200



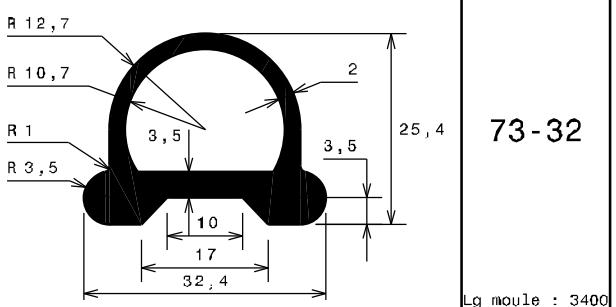
73-86

Lg moule : 1800

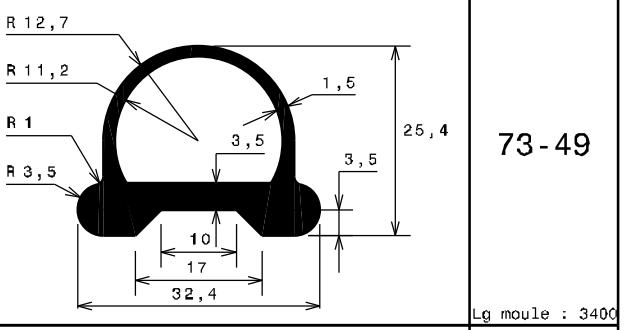


73-15

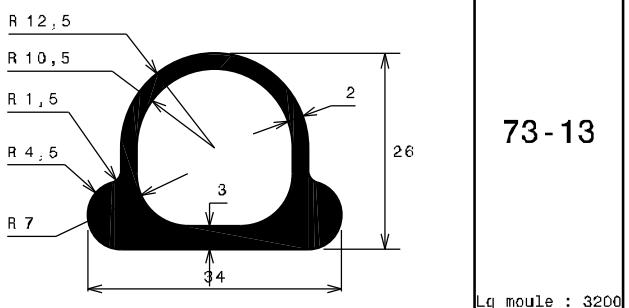
Lg moule : 1200

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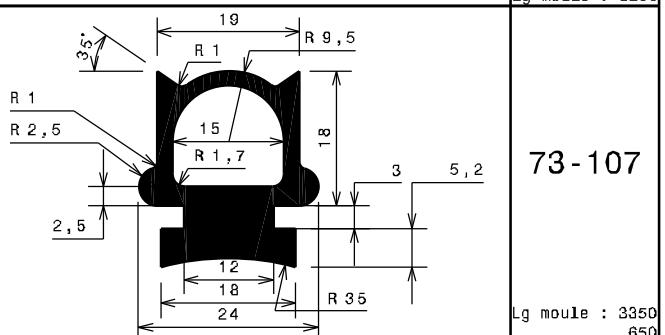
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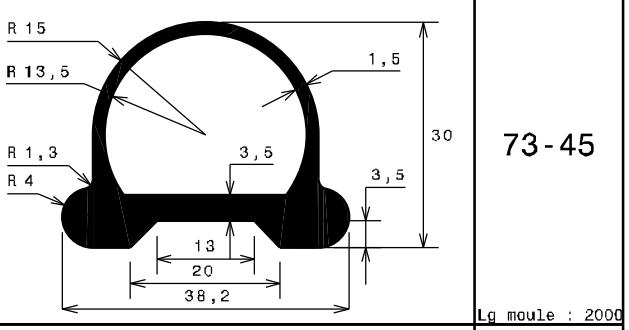
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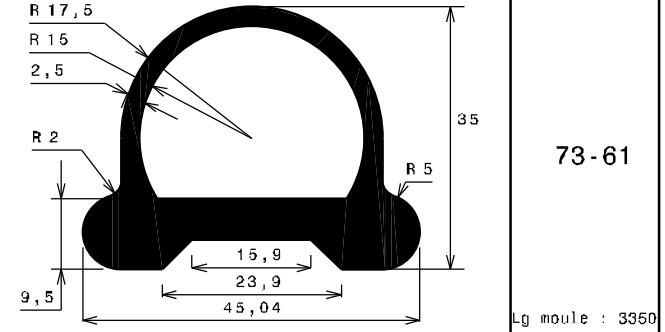
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73-107

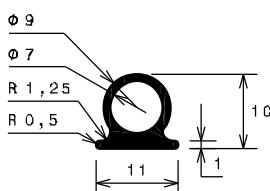
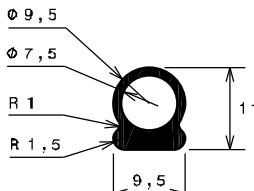
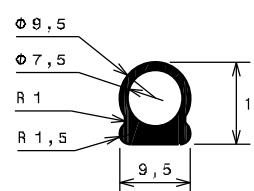
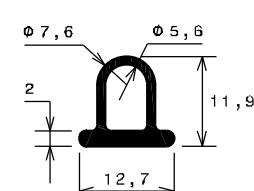
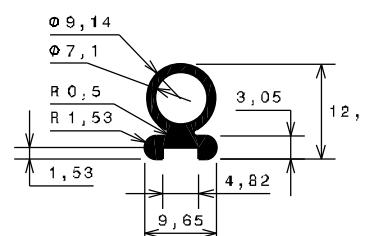
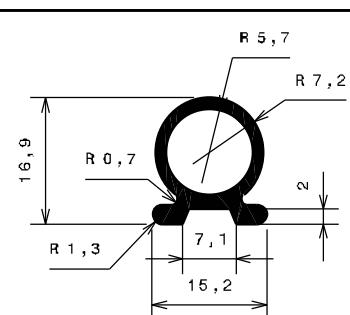
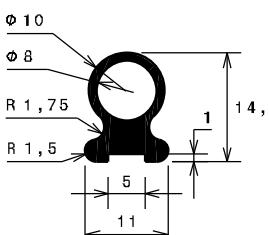
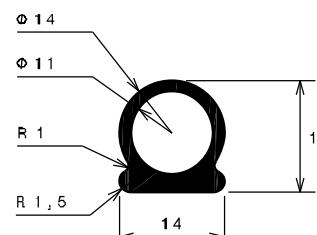
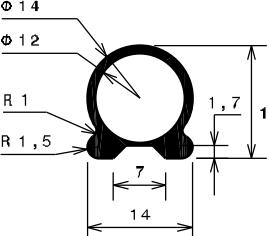
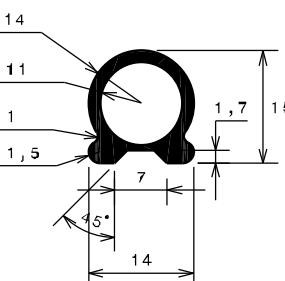
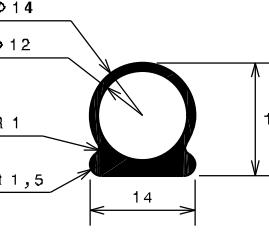
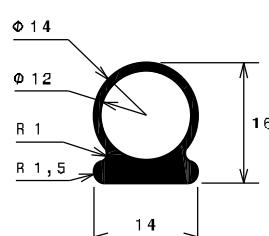


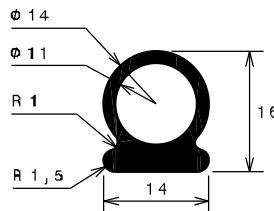
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73-61

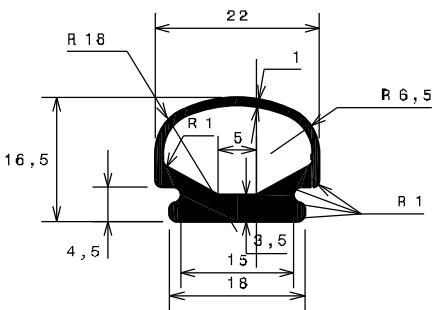
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	76-41	Lg moule : 2200
	76-60	Lg moule : 2400
	76-78	Lg moule : 3350
	76-32	Lg moule : 3000
	76-97	Lg moule : 3350
	76-21	Lg moule : 1500
	76-14	Lg moule : 3300
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	76-22	
	76-29	Lg moule : 1600
	76-48	Lg moule : 3400

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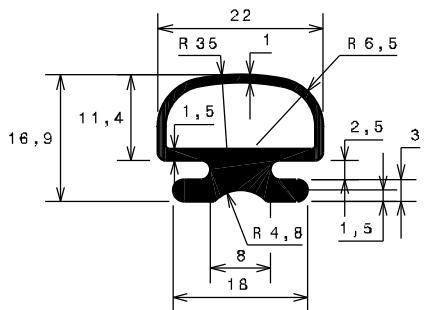
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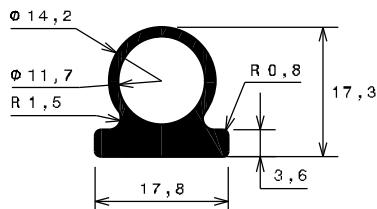


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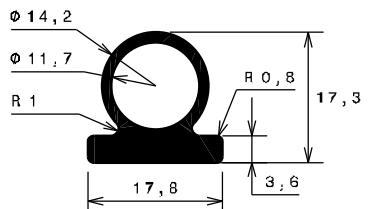
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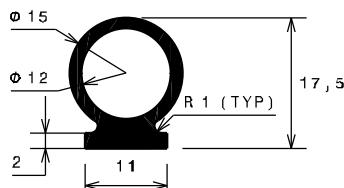
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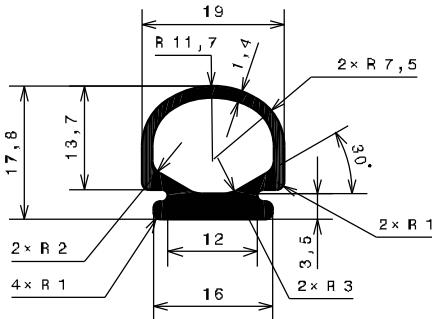
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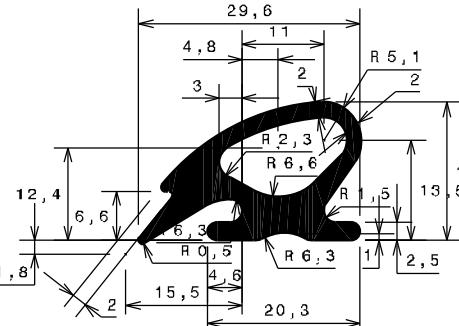
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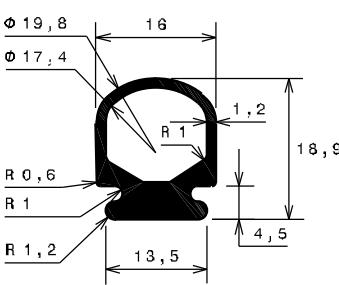
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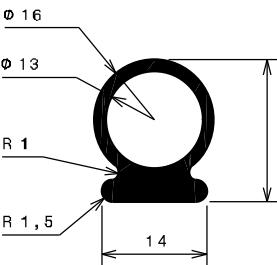
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Lg moule : 3350
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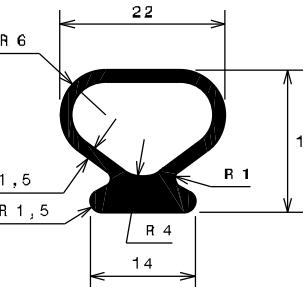
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76-80

Lg moule : 3350
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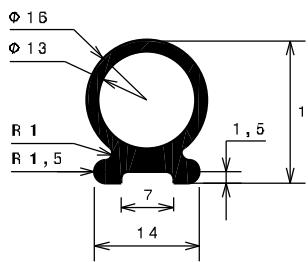
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Lg moule : 3100



76-24

Lg moule : 3400

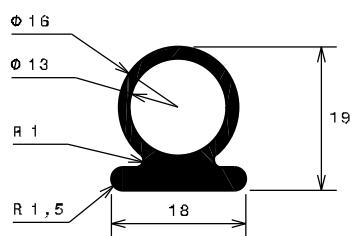


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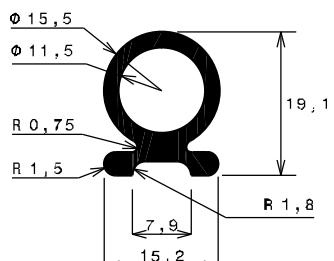
SECTIONS

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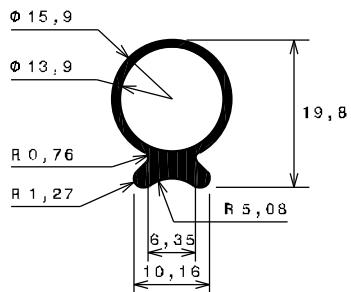
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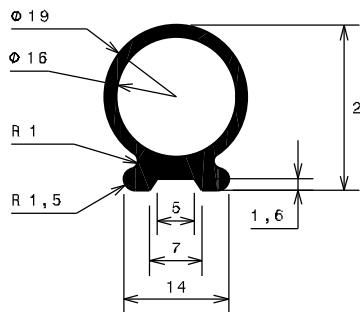
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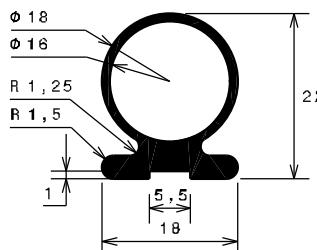
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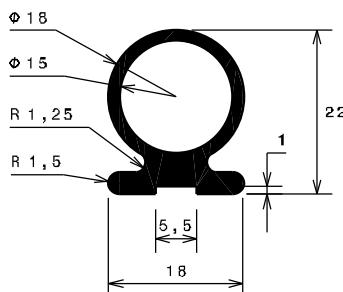
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76-90

Lg moule : 3350



76-31

Lg moule : 3400

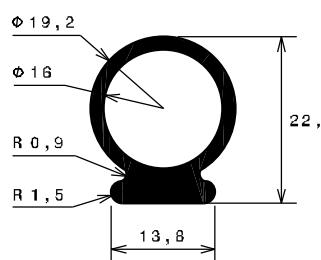


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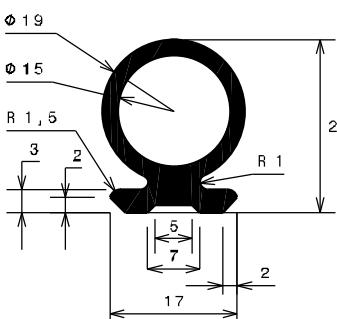
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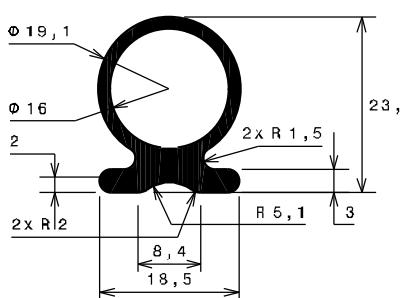
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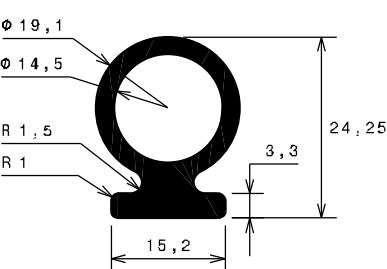
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Lg moule : 3350



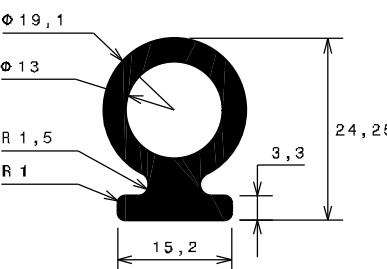
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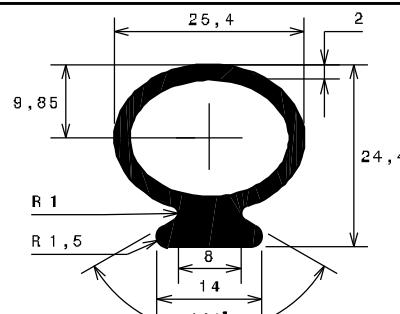
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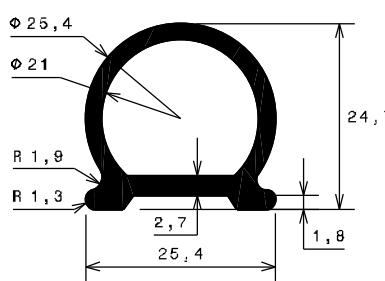
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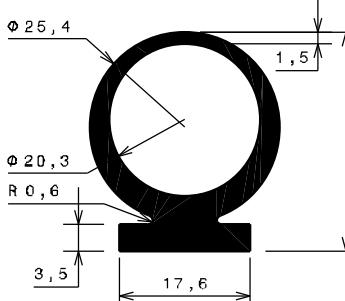
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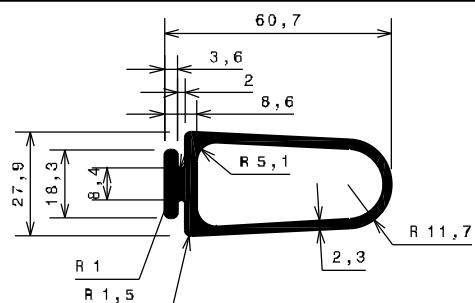
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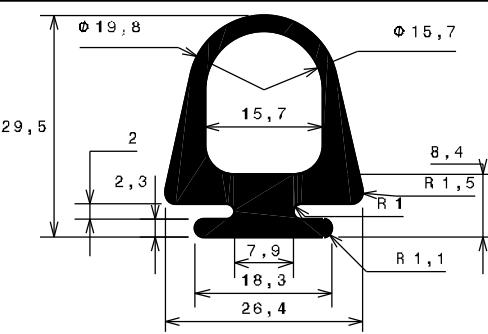
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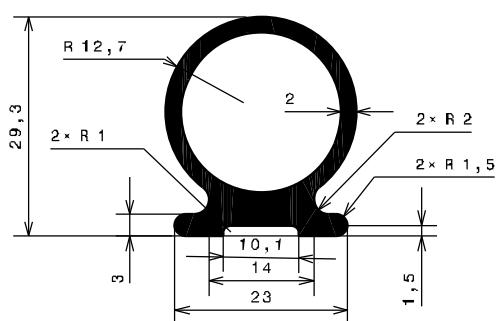
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Lg moule : 3350
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76-102

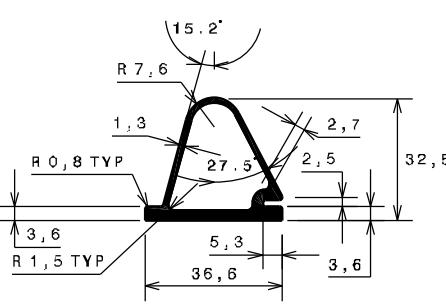
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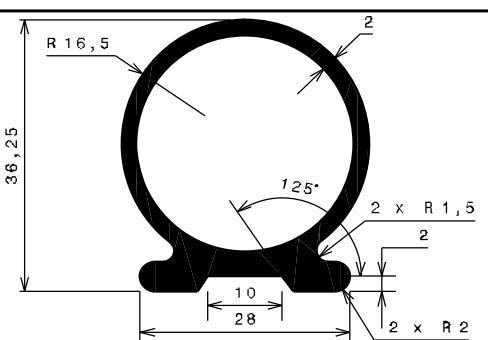
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Lg moule : 3300

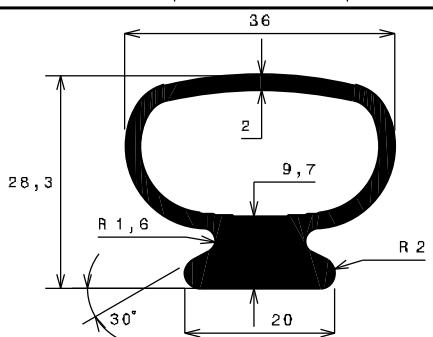


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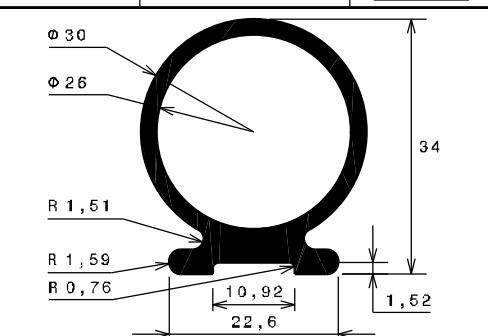
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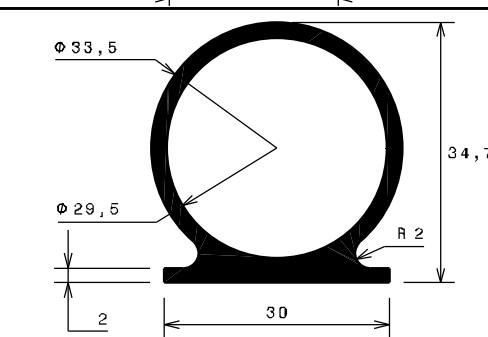
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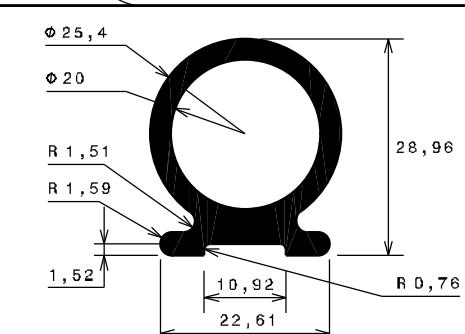


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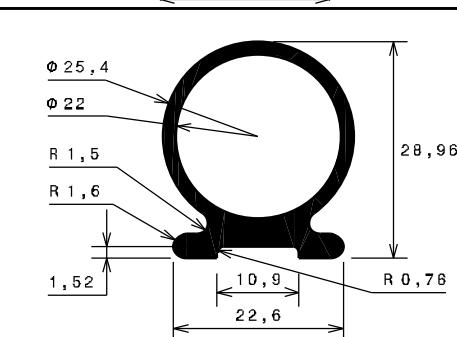


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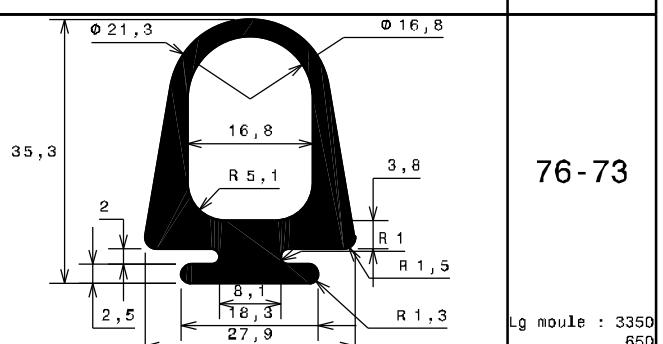
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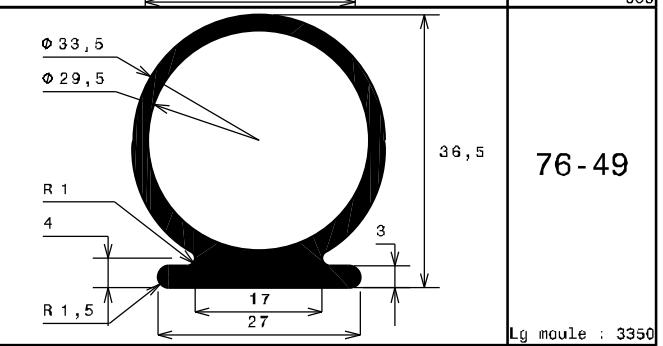


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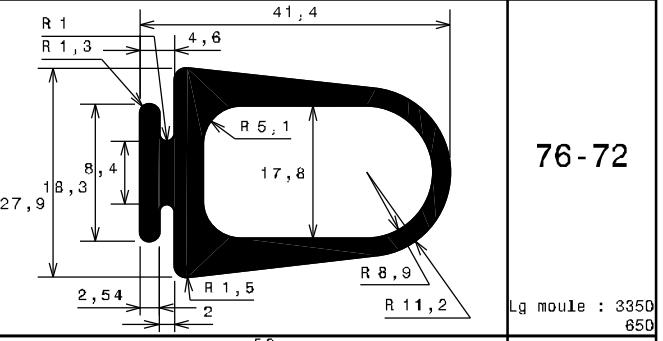
Lg moule : 3400

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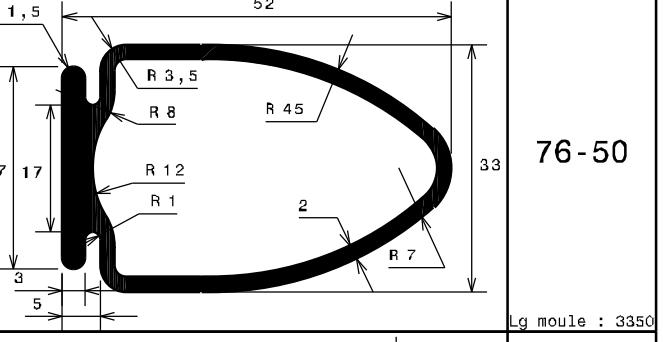
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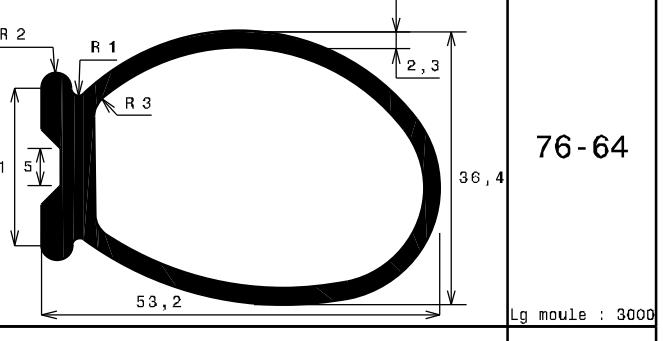
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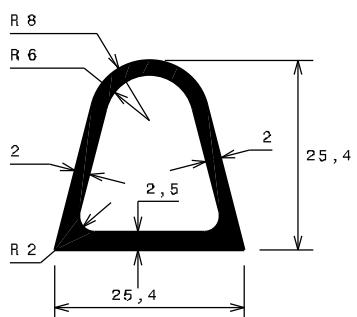
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76-50

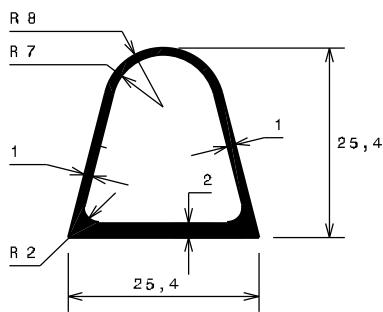


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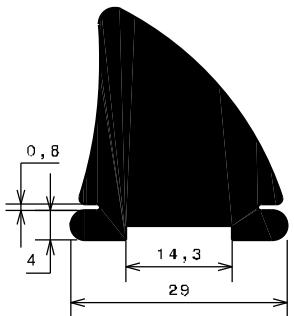
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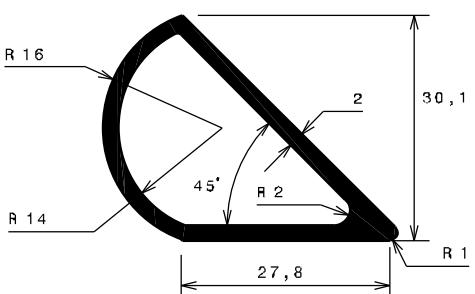
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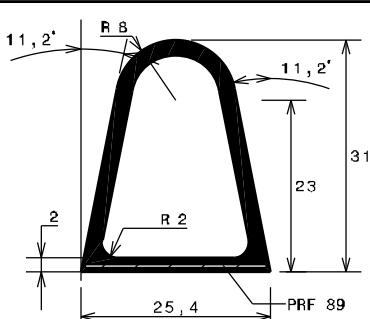
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Lg moule : 600



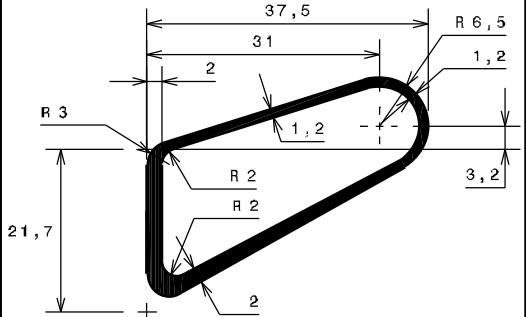
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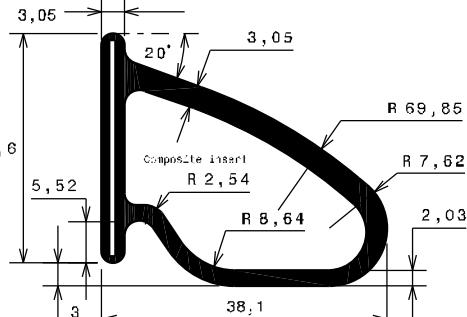
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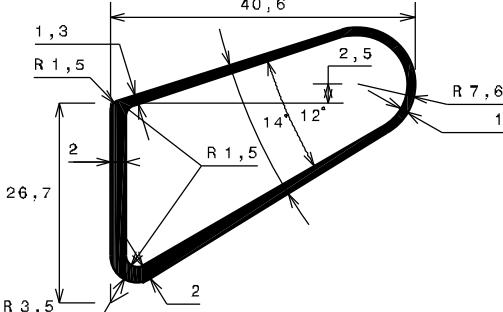
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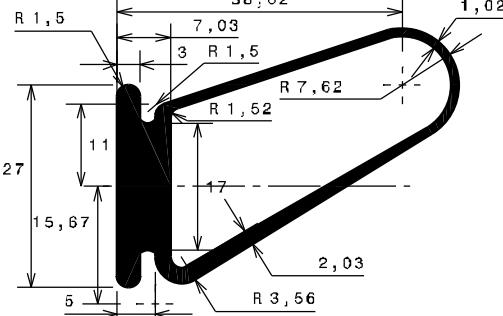
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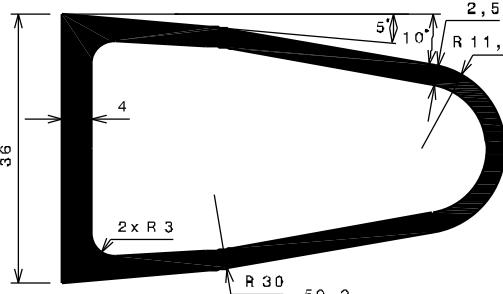
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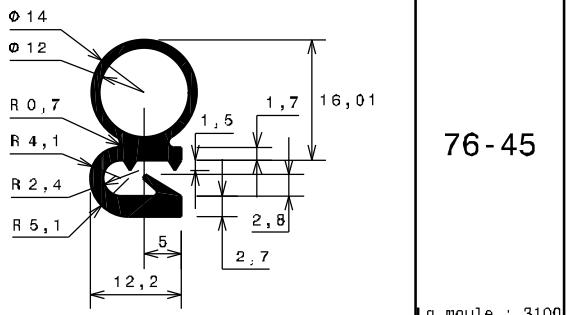
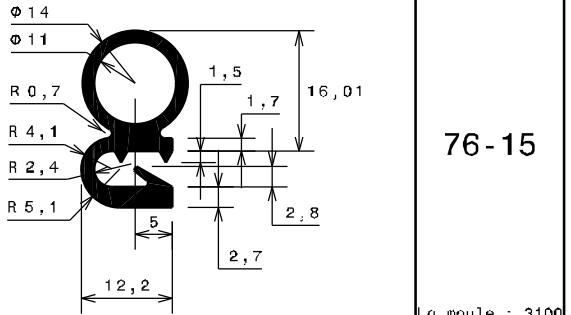
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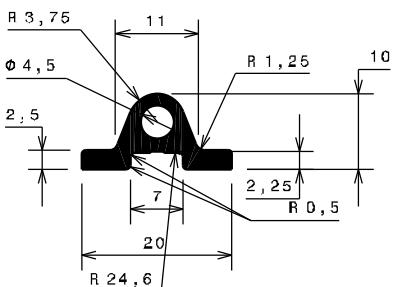
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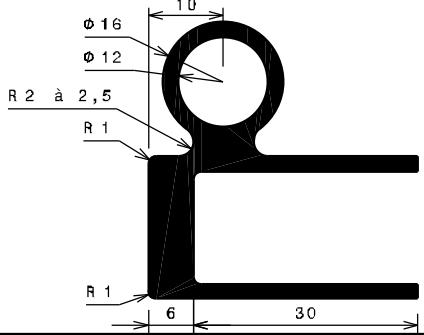
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	76-15		

SECTIONS**REF**

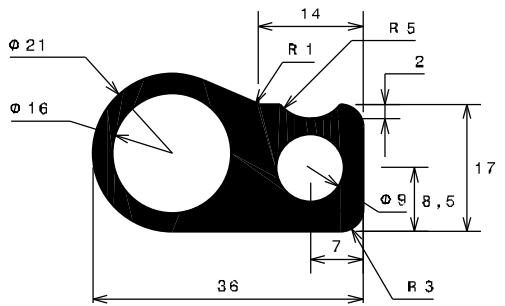
76-01

Lg moule : 3200

SECTIONS**REF**

76-10

Lg moule : 2000



76-09

Lg moule : 3000

INFLATABLE SEALS

Inflatable seals provide a simple, positive solution to tightness problems against gases, liquids, dust and dirt on high clearance openings (TGV doors, Aircraft carrier hatches, cockpit caponies, fire-doors and so on....).

They are used to maintain a secure tightness between two units separated by a large varying clearance with an external pressure.

The seal inflates until the ridged part leans against the countersurface to ensure the contact. When the internal pressure is released, the seal gets back to its initial form on deflation.

The hollow section is made of an elastomer adapted to the service conditions which have been specified and reinforced with a fabric (mainly PRF 89 / PRF 91) to provide excellent tearing and bursting resistance.

JOINTS GONFLABLES

Les joints gonflables apportent une solution simple et positive au maintien d'une étanchéité efficace contre le passage des gaz, des liquides, des poussières et des impuretés pour les ouvertures à forts débattements (Portes TGV, Sas Porte-avions, verrières de cockpit, portes coupe-feu....)

Ce type de joint est utilisé pour assurer l'étanchéité entre deux éléments séparés par un grand espace, pouvant être variable, et soumis à une pression externe.

Lors du gonflage, le joint se développe jusqu'à ce que la partie striée s'appuie contre la surface opposée pour assurer le contact.

A la libération de la pression interne, le joint reprend sa forme initiale.

La section creuse est réalisée dans un élastomère approprié aux conditions de service spécifiées, et renforcée par un tissu (PRF 89 / PRF 91 principalement) qui donne au joint une excellente tenue au déchirement et à l'éclatement.



The inflatable seals manufactured are classified in two categories including :

- high lift inflatable seals ;
- flat and extra-flat inflatable gaskets.

We can offer a wide range of products in both categories, but any request for other applications can be met.

GENERAL CONDITIONS OF USE :

For an efficient use of the inflatable seal, we recommend :

- An internal pressure between 0,35 and 2 bars.
- To maintain pressure during use time.
- Use a temperature from - 55°C to +180°C.
- A depth of the groove used to place the seal which does not exceed half the seal height in neutral position (example : section 71-06).

 *Plusieurs types de sections sont utilisés actuellement. Ces sections peuvent être classées en 2 grandes catégories :*

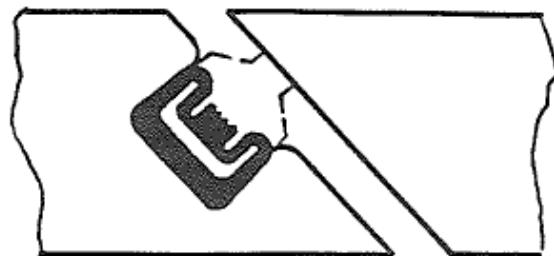
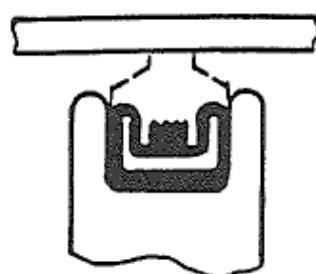
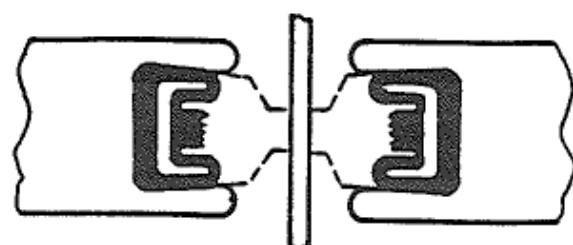
- les joints gonflables à grand développement,*
- les joints gonflables plats et extra-plats.*

Divers types de profils sont actuellement offerts dans chacune des catégories. Ceux-ci, pour toute nouvelle application, ne sont pas limitatifs en dimensions ou en développés.

CONDITIONS GÉNÉRALES D'UTILISATION :

Pour une utilisation efficace du joint, il est préconisé :

- Une pression interne comprise entre 0,35 et 2 bars.*
- Le maintien de la pression pendant la durée d'utilisation.*
- Une température d'utilisation de - 55°C à +180°C.*
- Une profondeur de gorge servant de logement au joint qui n'excéde pas la moitié de la hauteur du joint en position repos (Section 71-06 pour exemple).*

EXAMPLES OF FITTING / EXEMPLES DE MONTAGE



TO FEED THE SEAL

The seal can be air feeded with :

- A rubber connector (vulcanized with the seal) with a 10 mm external diameter and a 300 mm standard length.

This simple solution enables to feed the seal with air by jointing on an inflexible or semi-inflexible tube in order to remove any fitting problem.

The tightness at the junction level can be reinforced with a clamping ring (see plan N°1 on the following page).

- A metallic valve which is vulcanized with the seal.

This connector can be made of brass, steel, inox, etc...

A metallic coned flange which is stucked to the seal heel offering a good position of the valve (see plan N°2 on the following page).

- A removable metallic valve similar to the « bicycle valve » type with various sizes and shapes fitting to any special case.

(see plan N°3 on the following page).

ALIMENTATION DU JOINT

Pour la mise en pression du joint, l'alimentation peut se faire à l'aide :

- D'une valve caoutchouc vulcanisé avec le joint de diamètre extérieur 10 mm et de longueur courante 300 mm.

Cette solution simple permet d'alimenter le joint en air par un emboîtement sur un tube semi-rigide ou rigide, ce qui supprime tout problème d'ajustage au montage.

L'étanchéité au niveau du raccord peut être renforcée à l'aide d'un collier de serrage (voir schéma N°1 page suivante).

- D'une valve métallique vulcanisé avec le joint

Ce connecteur peut être réalisé en laiton, acier, inox, etc.

Une colerette métallique conique adhérée sur le talon du joint permet une bonne mise en place de la valve voir schéma N°2 page suivante).

- D'une valve métallique amovible du type « Valve de vélo » de dimensions et de formes pouvant s'adapter à tous les problèmes particuliers.

(Voir schéma N°3 page suivante).



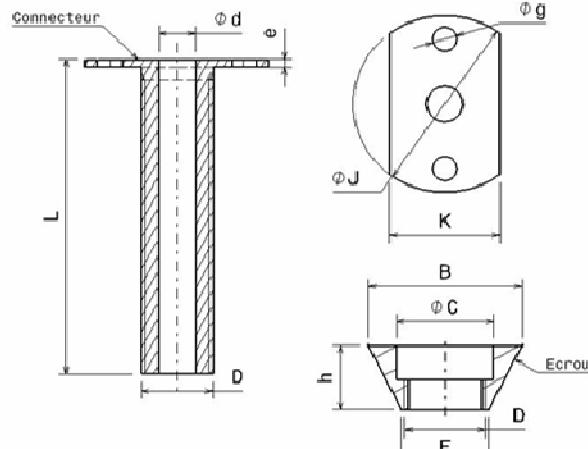
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1		<p>Avec valve coudée rapportée</p>
2		
3		<p>Joint gonflable</p> <p>Valve métallique</p> <p>Valve silicone</p>



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Famille valves N°1 / Valve family N°1								
D d m L Mouletage pas a	Paramètres							
	Référence	0007	0010	0017	0030	0036	0040	0041
	L	36,5	27	24	46	29	66	51
	D	6	6	6	6	6	6	6
	d	4,2	4,2	4,2	4,2	4,2	4,2	4,2
	m	18	18	10	36	18	55	40
	a	0,5	0,5	1	0,5	2	1	1

Famille valves N°2 / Valve family N°2						
Connecteur 	Paramètres					
	Référence	0002	0005	0006	0037	0043
	L	26,7	25		15	
	D	3	6	6	6	6
	d	3	3		3	
	e	0,7	0,8		0,5 à 0,8	
	g	2	2		2	
	J	15	15		15	
	K	9	9		9	
	B	12,6		14		14
	C	8				
	h	5,45		7,4		6
	F	7,2		8		8
	Filetage	M6	M6	M6	M6	M6



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Famille valves N°3 / Valve family N°3						
Paramètres						
Référence V_VA_xxxx	0011	0026	0028	0029	0031	0039
L	40,5	40	28	45	35	40
K	18,45	20	17	17	16	17
D1	7,7	8	10	6	6	7,7
D2	8	8,5	10	6,5	7,21	8
d	6	6	8	4	5	6
g	4,6	4,5	6	3	3	4,6
e	2,6	2	2	2	2	2,6
R	14,5	14	15	12	11	14,5
h1	2,2	2	2,5	2	2	2,2
Ecrous	Moleté	M8	M10	M6	M6	Moleté
h2	3	3,8	5	3,2	5,2	3
Filetage		M8	M10	M6	M6	

Front view: Shows a top-down view of the valve assembly with a gasket (Rondelle) and two nuts (ecrous). Dimensions shown are L (total height), K (width), and D2 (diameter).

Side view: Shows a vertical cross-section of the valve body. Dimensions shown are L (total height), K (width), D1 (inner diameter), d (outer diameter), g (gasket thickness), e (nut thickness), R (nut outer radius), h1 (nut height), and h2 (nut shoulder height).

Cross-section: Shows a detailed cross-section of the valve body. Dimensions shown are D (outer diameter), d (inner diameter), K (width), and R (nut outer radius).

Famille valves N°4 / Valve family N°4			
Paramètres			
Référence V_VA_xxxx	0012	0018	0052
L	25	18,5	20
D	7,7	7,7	8
d	3	3	3
J	5,3	5,3	5,3
K	6,5	6,5	6,5
e	1,5	1,5	1,5
A	12	20	20
B	10	10	10

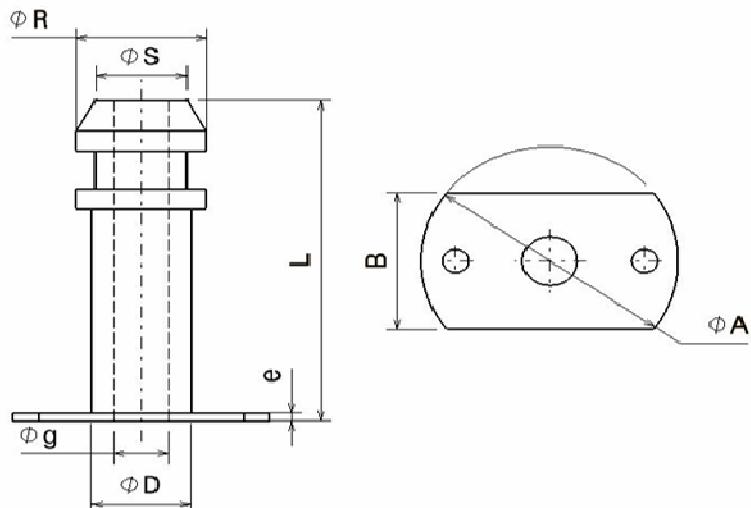
Front view: Shows a circular valve face with a central hole and a dimension A.

Side view: Shows a longitudinal cross-section of the valve body. Dimensions shown are L (total length), D (outer diameter), d (inner diameter), J (width), K (width), e (nut thickness), A (width), and B (width).



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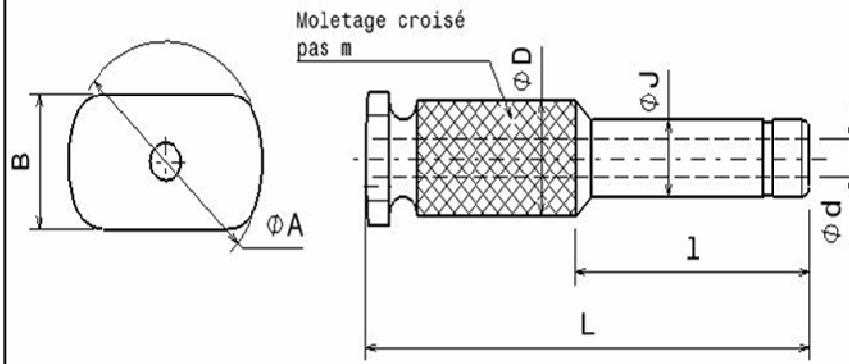
Famille valves N°5 / Valve family N°5



Paramètres

Référence	0020
V_VA_xxxx	
L	21
e	0,5
D	5,8
g	3,2
R	7,6
S	5,3
A	15
B	9

Famille valves N°6 / Valve family N°6



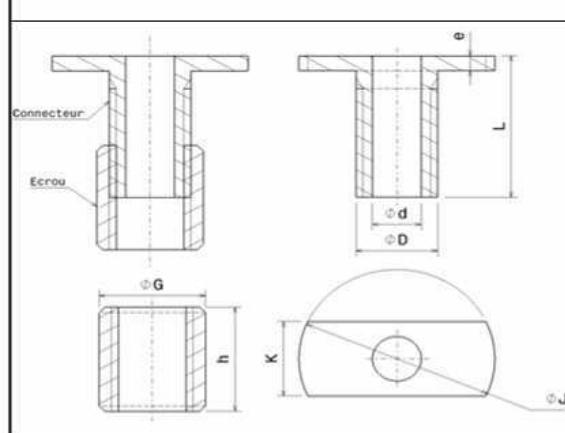
Paramètres

Référence	0013	0014
V_VA_xxxx		
L	28,5	20
I	15	14,2
D	6	6
d	2	2
J	4	4
m	0,5	1
A	12,5	12,5
B	7	7



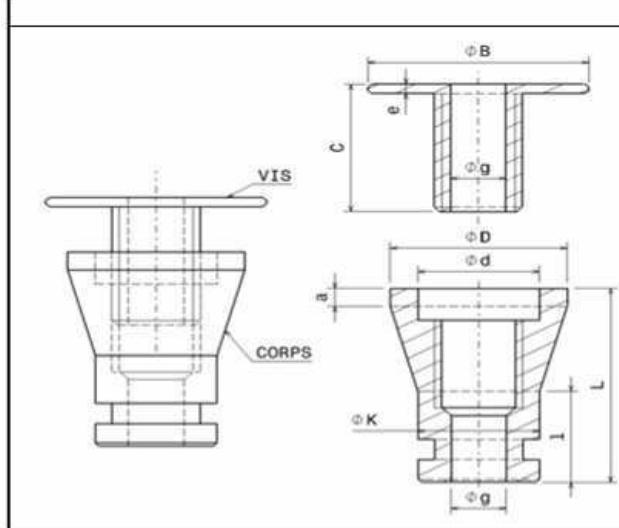
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Famille valves N°7 / Valve family N°7



Paramètres				
Référence	0021	0044	0045	0046
L	9,5	18,86	16,32	18,225
D	5	6	6	6
d	3	4	4	4
e	1	1	1	1
J	12	12	12	12
K	5	6	6	6
G	6,5	8	8	8
h	7	8,5	8,5	8,5
Filetage	M5	M6	M6	M6

Famille valves N°8 / Valve family N°8



Paramètres			
Référence	0016	0022	0023
L	21,33	23,33	22,33
I	10	10	10
D	16	16	16
d	11	11	11
g	5	5	5
K	11	11	11
a	2	4	3
B	20	20	20
C	14	18	16
e	1	1	1
Filetage	M8	M8	M8



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Famille valves N°9 / Valve family N°9				
	Paramètres			
	Référence	0033	0034	0049
	L	27	98	34,6
	D	9,6	9,6	8
	d	4,92		6,5
	G	13	13	12
	K	4,5	4,5	4
	J	6,5	6,5	6
	R	5,9	5,9	6
	S	8	8	6
e				
m	6	9	7,5	
Filetage int.				
	M6			
Filetage ext.				
				M8

Famille valves N°10 / Valve family N°10			
	Paramètres		
	Référence	0019	0038
	L	22,7	38
	I	16,7	30
	J	16	20
	K	10	12
	D	7,1	10
g			
	3,2	5	



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Famille valves N°11 / Valve family N°11	
	Paramètres
Référence	0051
B (mm)	10
A (mm)	8
'SCREW THREADS' (mm)	1,5
C (mm)	18
D (mm)	5,5
e (mm)	2,5
K (mm)	25
L (mm)	50
f (mm)	1



Valves

<p>Ref V_VA_0001</p>	<p>Ref V_VA_0024</p>
<p>Ref V_VA_0003</p>	<p>Ref V_VA_0025</p>
<p>V_VA_0004</p>	<p>Ref V_VA_0042</p>
<p>Ref V_VA_0009</p>	<p>Ref V_VA_0008</p>



RADIUS OF CURVATURE

These seals can be used for curve-shaped structures but not with sharp edges.
The drawings below indicate the possible radii of curvature according to the applications.
However, sharper radii can be achieved making special arrangements.
For specific applications - Please contact us -.

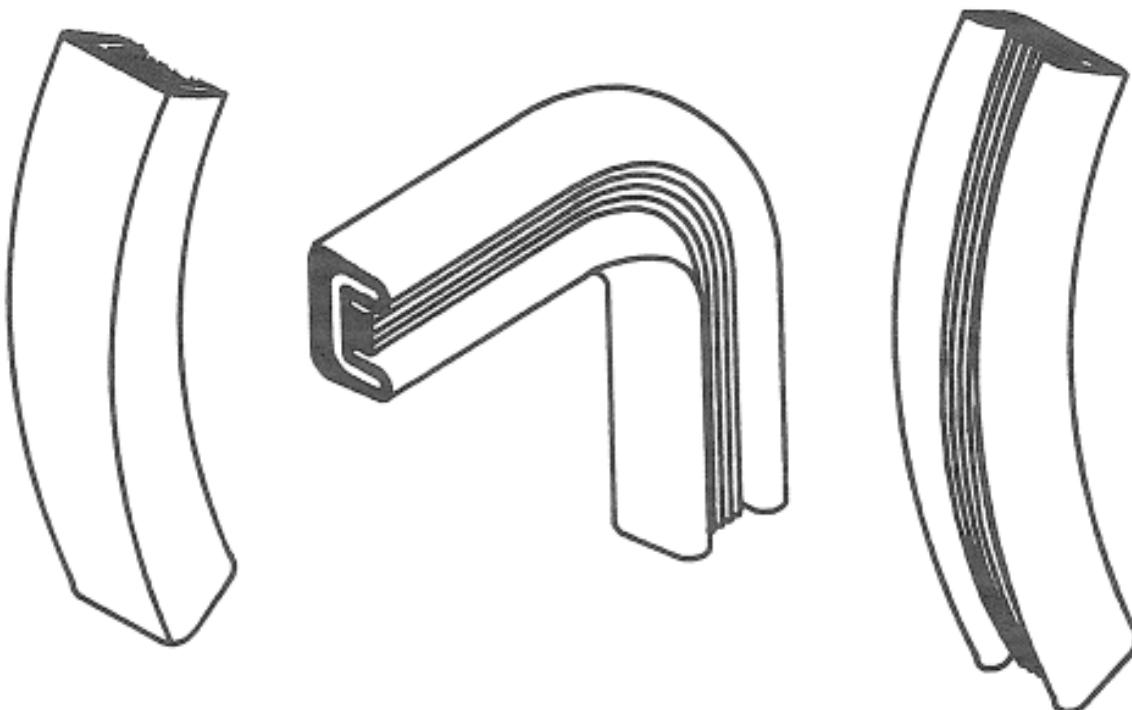


RAYONS DE COURBURE

Ces joints peuvent être utilisés sur des structures à configuration courbe mais en aucun cas sur des structures présentant des angles vifs.

Les croquis ci-dessous indiquent les différents rayons de courbure que l'on peut admettre selon le montage du joint.

Toutefois en prenant des dispositions spéciales, il est possible de suivre des rayons encore plus serrés; dans ces conditions particulières d'utilisation, - Nous consulter - pour études et définitions.



MINIMUM RADIUS
RAYON MINIMAL
A

MINIMUM RADIUS
RAYON MINIMAL
C

MINIMUM RADIUS
RAYON MINIMAL
B



MATERIALS

Inflatable seals are manufactured either joined by vulcanisation or in straight lengths plugged at both ends.

In the standard version, and according to their use, these seals are made of :

- silicone reference B 452 reinforced with a polyester fabric reference PRF89,
- or silicone reference B 587 reinforced with a polyester fabric reference PRF89.

Both materials offer the best flexibility/mechanical strength ratio.

These seals can also be made of :

- **silicone reference B 452 or B 587 reinforced with a PRF 91 fabric :**
for a better resistance to abrasion and pressure.
- **silicone reference D 590 reinforced with a PRF 89 fabric :**
for a major mechanical strength or less noxious smokes in case of fire.
Possible to make other schemes : - Please contact us -.



MATERIAUX

Tous les joints gonflables sont réalisés fermés par vulcanisation ou en longueurs droites bouchées aux extrémités.

Dans la version standard, ces joints, selon leur destination, sont réalisés :

- soit en silicone référence B 452 renforcés avec un tissu polyester référence PRF89,
- soit en silicone référence B 587 renforcés avec un tissu polyester référence PRF89.

Ces définitions présentent le meilleur compromis souplesse/résistance mécanique.

En outre, ces joints peuvent être réalisés :

- ***En silicone référence B 452 ou B 587 avec renforcement tissu PRF 91 :***
pour une meilleure tenue à l'abrasion et une plus grande résistance à la pression.
- ***En silicone référence D 590 avec renforcement tissu PRF 89 :***
pour une tenue mécanique plus importante ou pour des émissions de fumées moins nocives en cas de feu. Plusieurs autres combinaisons sont possibles : Nous consulter.



EXAMPLE OF DESIGNATION

7106 B452+PRF89/91 Lg3200 C

Profile reference

Material reference

Fabric references (separate by « / »)

Extended length of the seal

Seal state at delivery : C = circular ; D = straight

EXEMPLE DE DESIGNATION

7106 B452+PRF89/91 Lg3200 C

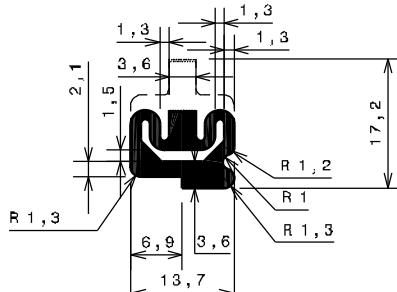
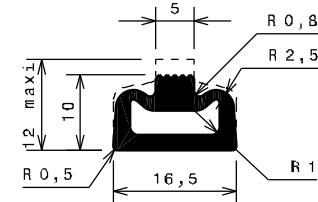
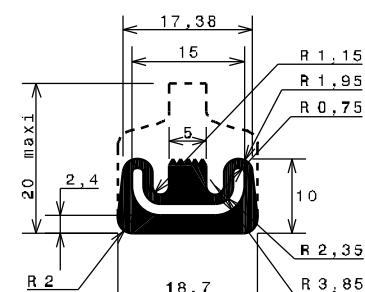
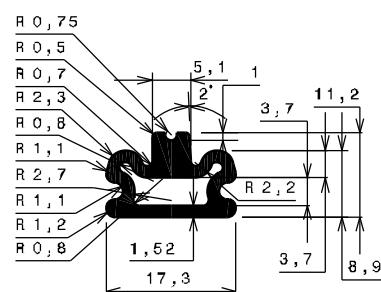
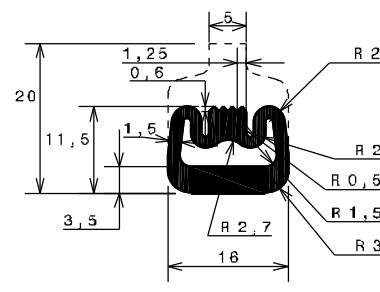
Référence profilé

Référence matière

Références tissus (séparées par « / »)

Longueur développée du joint

Etat de livraison du joint : C = circulaire ; D = droit

SECTIONS	REF	TYPES de Connecteur	PRESSIONS d'utilisation	RAYONS de Courbures
	71-35	-	Mini 0,8 bar Maxi 2 bars	A:100 B:100 C:150
Lg moule : 3000 600				
	71-07	4-12-968	Mini 0,8 bar Maxi 2 bars	A:150 B:150 C:200
Lg moule : 3200				
	71-09	4-12-968	Mini 0,8 bar Maxi 2 bars	A:100 B:100 C:200
Lg moule : 3100				
	71-24	4-12-968 - 4-12-896	Mini 0,8 bar Maxi 2 bars	A:- B:- C:-
Lg moule : 3400				
	71-03	4-12-968 4-12-895 4-12-896	Mini 0,8 bar Maxi 2 bars	A:150 B:150 C:200
Lg moule : 3000				

SECTIONS	REF	TYPES de Connecteur	PRESSIONS d'utilisation	RAYONS de Courbures
<p>Lg moule : 1500</p>	71-19	4-12-968	Mini 0,8 bar	A:100
		4-12-895		B:75
		4-12-896	Maxi 2 bars	C:150
<p>Lg moule : 3200</p>	71-01	4-12-968	Mini 0,8 bar	A:100
		4-12-895		B:75
		4-12-896	Maxi 2 bars	C:150
<p>Lg moule : 3400</p>	71-14	4-12-895	Mini 0,8 bar	A:150
		4-12-896	Maxi 2 bars	B:150 C:250
<p>Lg moule : 1200</p>	71-27	Valve Tube Flanc	Mini 0,8 bar	A:-
		-		B:-
			Maxi 2 bars	C:-
<p>Lg moule : 3400</p>	71-10	4-12-968	Mini 0,8 bar	A:150
				B:150
			Maxi 2 bars	C:250

SECTIONS	REF	TYPES de Connecteur	PRESSIONS d'utilisation	RAYONS de Courbures
<p>Lg moule : 3000</p>	71-29	-	Mini 0,8 bar	A:-
				B:-
			Maxi 2 bars	C:-
<p>Lg moule : 3000 250</p>	71-31	-	Mini 0,8 bar	A:150
				B:150
			Maxi 2 bars	C:150
<p>Lg moule : 3100</p>	71-05	4-12-968	Mini 0,8 bar	A:150
		4-12-895		B:125
		4-12-896	Maxi 2 bars	C:75
<p>Lg moule : 3200 650</p>	71-06	4-12-968	Mini 0,8 bar	A:150
				B:150
			Maxi 2 bars	C:250
<p>Lg moule : 3400</p>	71-11	4-12-968	Mini 0,8 bar	A:150
				B:150
			Maxi 2 bars	C:250

SECTIONS	REF	TYPES de Connecteur	PRESSIONS d'utilisation	RAYONS de Courbures
	71-37	Valve Tube Flanc	Mini 0,8 bar Maxi 2 bars	A:- B:- C:-
Lg moule : 3350				
	71-23		Mini 0,8 bar Maxi 2 bars	A Préformer
Lg moule : 3400				
	71-32		Mini 0,8 bar Maxi 2 bars	A:100 B:100 C:150
Lg moule : 3000 600				
	71-08	4-12-968	Mini 0,8 bar	A:250
Lg moule : 3200		4-12-556	Maxi 2 bars	B:250 C:300



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SEALS OF FULL SECTIONS

All these profiles are moulded in silicone with various fabric reinforcements available.

The sections are produced in straight length.

However the profiles can be shaped by a variety of techniques including moulding of angles, sticking, cutting, etc...; in that case, specific tooling is required - Please contact us -.

EXAMPLE OF DESIGNATION

2902 B452+PRF89/91 Lg3000

Profile reference

Material reference

Fabric references (separate by « / »)

Extended length of the seal

■ ■ **PROFILES Divers**

Tous ces profilés sont moulés en silicone avec différents renforcements tissus possibles.

Toutes ces sections sont réalisées de manière standard en longueur droite.

Cependant, ces profils peuvent être utilisés pour obtenir des joints en forme, par moulage d'angles, collage, découpage etc... nécessitant la création d'outillages adaptés - Nous consulter - .

EXEMPLE DE DESIGNATION

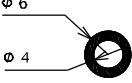
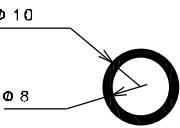
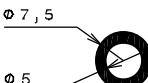
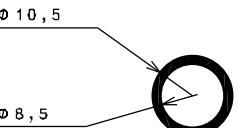
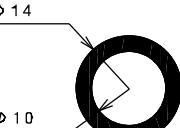
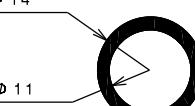
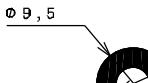
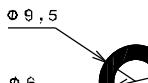
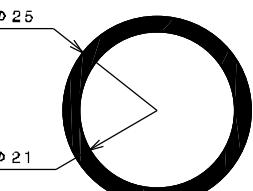
2902 B452+PRF89/91 Lg3000

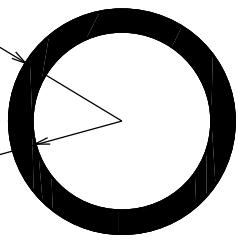
Référence profilé

Référence matière

Références tissus (séparées par « / »)

Longueur développée du joint

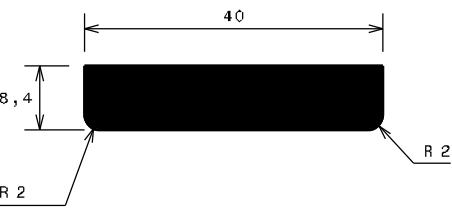
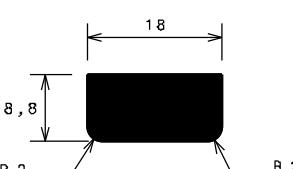
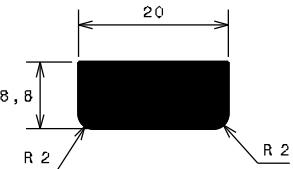
SECTIONS	REF	SECTIONS	REF
	21-06 Lg moule : 2000		21-22 Lg moule : 600
	21-24 Lg moule : 1700		21-47 Lg moule : 600
	21-07 Lg moule : 3200		21-21 Lg moule : 3400
	21-18 Lg moule : 3200 3400		21-36 Lg moule : 2000
	21-01 Lg moule : 3200 3400		21-10 Lg moule : 3400
	21-04 Lg moule : 1200		21-02 Lg moule : 3100

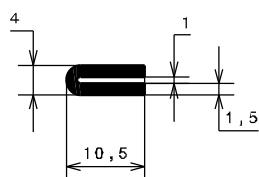
SECTIONS	REF
	21-05
	Lg moulc : 2600

SECTIONS	REF

SECTIONS	REF
	47-44 Lg moule : 3350
	47-45 Lg moule : 350
	47-20 Lg moule : 3350
	47-23 Lg moule : 3350
	47-25 Lg moule : 3350
	47-29 Lg moule : 3350

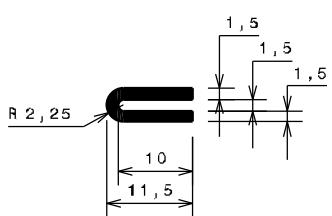
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	47-50 Lg moule : 600
	47-24 Lg moule : 3350
	21-56 Lg moule : 1200
	21-19 Lg moule : 500
	29-02 Lg moule : 1000
	29-03 Lg moule : 1000

SECTIONS	REF	SECTIONS	REF
	29 - 04 Lg moule : 1000		
	29 - 01 Lg moule : 1000		
	29 - 05 Lg moule : 1000		

SECTIONS**REF**

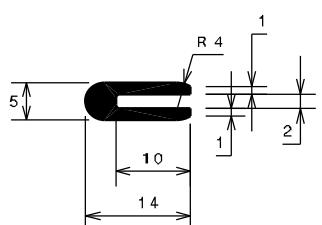
67-85

Lg moule : 1200



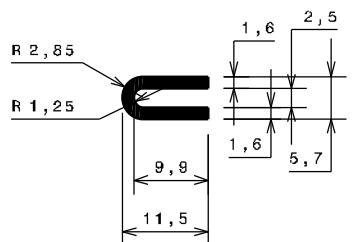
67-29

Lg moule : 3100



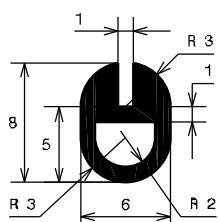
67-21

Lg moule : 2200



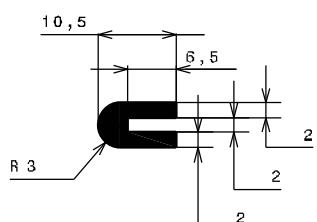
67-44

Lg moule : 1200



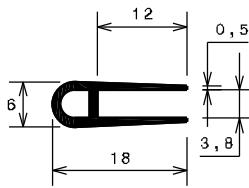
69-36

Lg moule : 520



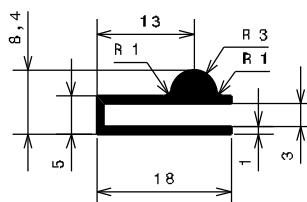
67-79

Lg moule : 1200

SECTIONS**REF**

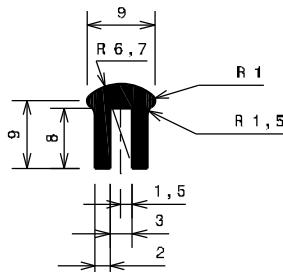
69-14

Lg moule : 3100



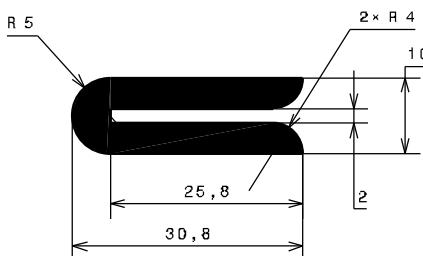
67-74

Lg moule : 2000



69-38

Lg moule : 650



67-81

Lg moule : 1200

SECTIONS	REF	SECTIONS	REF
	69-22		
	69-01		
	69-02		
	69-03		



MOULDED SEALS

JOINTS MOULES

MOULDED SHAPED PARTS

This section covers a wide range of applications as regards the shape and the size.

Moulded shaped parts :

Once the elastomer is selected, the tooling required to produce this part is designed.

Each tooling corresponds to a specific elastomer.

Making a part in another elastomer may involve size differentials because each material is shrunk differently.

Tests can then be carried out to get the size variations.

Therefore, before placing an order, it is recommended to - Consult us -.

Joined shaped parts :

We can make shaped parts bonded to metallic or composite armatures.

This technique provides a more reliable assembly than sticking in some cases.

PIECES DE FORME MOULEES

Ce domaine couvre une large gamme d'applications tant sur le plan forme que dimensionnel.

Pièces de forme moulées :

*Après avoir défini l'élastomère, l'outillage nécessaire à la fabrication de la pièce est créé.
Chaque outillage est donc conçu pour un élastomère déterminé.*

La réalisation d'une pièce dans un autre élastomère peut entraîner, du fait des différences de retrait matière, des écarts dimensionnels.

Des essais peuvent alors être réalisés pour donner les variations de cotes.

Il est donc nécessaire avant toute commande de - Nous consulter -.

Pièces de forme adhérées :

Nous pouvons réaliser, à l'aide d'outillages, des pièces de forme avec armatures adhérées (clinquants, rondelles, entretoises, supports etc.).

Cette technologie assure une liaison intime de l'assemblage. Cela permet d'éviter le collage qui, dans certains cas n'offre pas une solution satisfaisante.



HUTCHINSON®



PUNCHED PARTS

We manufacture flat parts to any geometry punching them. They are produced from sheets moulded in our factory. For any other requirement, - please contact us -.

However, such a technique cannot offer accurate dimensions to parts : once they are punched, the edges can be concave or convex.

These flaws can be avoided :

- by **cutting with machine finishing** for circular parts ;
- by **cutting with a jet of water** ;
- by **moulding** , in the other cases.

Punching is suitable in the following conditions :

DIDC hardness	30	30<h<40	40 <h>60</h>	h>60
Thickness limit (mm)	3	4	6	10

PIECES DECOUPEES

Par découpe à l'emporte-pièce, nous réalisons des pièces planes de formes géométriques variées et non limitatives. Ces pièces sont obtenues à partir de plaques moulées dans notre usine.

Pour toutes autres réalisations, - Nous consulter -.

Toutefois, la technique de découpe ne permet pas d'obtenir des pièces aux cotes très précises : un ménisque apparaît sur les arêtes de découpe, celui-ci pouvant être concave ou convexe.

Ces déformations peuvent être évitées :

- par **une découpe en usinage**, dans le cas de pièces circulaires;
- par **une découpe au jet d'eau**;
- par **moulage**, dans les autres cas.

Les conditions favorables à une bonne découpe à l'emporte-pièce sont données par le tableau ci-dessous :

Dureté DIDC	30	30<d<40	40<d<60	d>60
Epaisseur maxi (mm)	3	4	6	10

 **MOULDED SHEETS**

Sheets can be made from all elastomers with a hardness usually between 40 IRHD and 70 IRHD, as well as from silicone foams with a 0.45 to 0.8 density.

Sheets or discs can also be reinforced with a wire fabric or gauze.

Please contact us :

- For constructions with hardness less than 40 IRHD or more than 70 IRHD.
- For sizes and thickness not listed hereafter.
- For all products reinforced with fabric.

 **PLAQUES MOULEES**

La réalisation des plaques est possible pour tous les élastomères dont la dureté est comprise entre 40 DIDC et 70 DIDC le plus couramment, ainsi que pour des mousse de silicium de densité 0,45 à 0,8.

Il est possible également de renforcer les plaques ou les disques avec du tissu ou une toile métallique.

Prière de nous consulter :

- Pour la réalisation dans des duretés inférieures à 40 DIDC ou supérieures à 70 DIDC.*
- Pour les dimensions et épaisseurs différentes de celles indiquées ci-après.*
- Pour toutes les fabrications avec entoilage.*



SIZES:

SIZE	THICKNESS (All materials except Foams)	THICKNESS (Foams)
270 x 270	0,8 mm to 35 mm	2 mm to 30 mm
500 x 500	1,5 mm to 30 mm	4 mm to 20 mm (with fabrics)
3000 x 300	1 mm to 5 mm	2 mm to 5 mm



DIMENSIONS :

FORMAT	EPAISSEURS (Tout matériau sauf Mousses)	EPAISSEURS (Mousses)
270 x 270	0,8 mm to 35 mm	2 mm to 30 mm
500 x 500	1,5 mm to 30 mm	4 mm to 20 mm (avec tissus)
3000 x 300	1 mm to 5 mm	2 mm to 5 mm



EXTRUSIONS

JOINTS EXTRUDES



EXTRUDED PROFILES

You will find below the extrusion « sections » we are able to provide.

The drawing plates available fit an accurate elastomer, nevertheless these sections can be made in other elastomer in some cases - Please contact us -.

Seals to complex geometry can be produced from extruded profiles -Please contact us -.

EXAMPLE OF DESIGNATION

8852 D590 Lg3000

Profile reference _____
Material reference _____
Seal length supplied _____

PROFILES EXTRUDES

Les « sections » des profilés extrudés que nous réalisons sont présentées ci-après.

Les filières existantes sont données pour une nuance d'élastomère précise, il est cependant possible pour quelques cas particuliers de réaliser ces sections dans d'autres nuances de matière - Nous consulter -.

A partir de profilés extrudés, il est possible de réaliser des joints de forme complexe - Nous consulter.

EXEMPLE DE DESIGNATION

8852 D590 Lg3000

Référence profilé _____
Référence matière _____
Longueur d'approvisionnement du joint _____

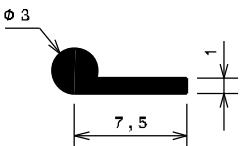
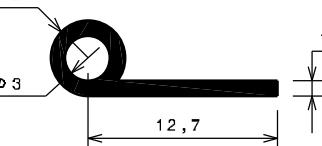
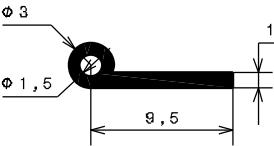
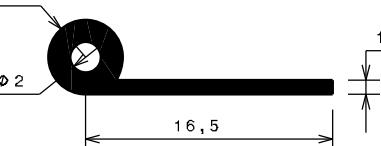
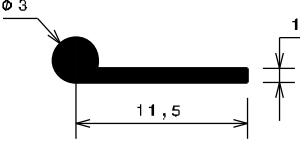
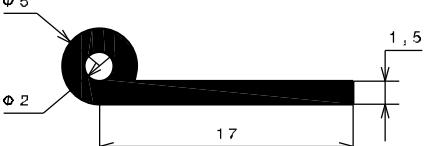
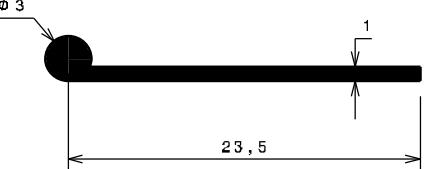
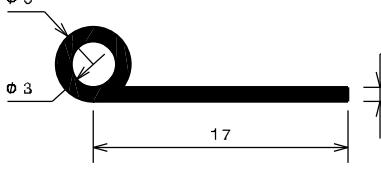
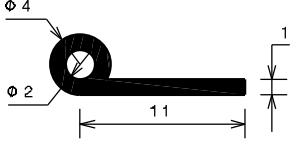
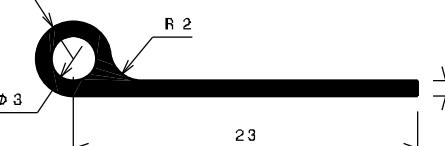
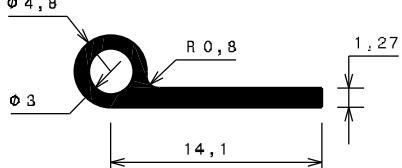
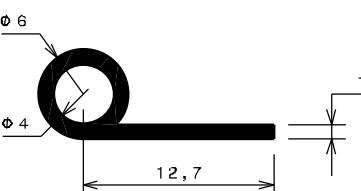
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21-11	165	29-10	168	47-04	194	67-04	170	67-78	174	69-06	179
21-12	165	29-11	169	47-05	191	67-05	170	67-80	172	69-07	181
21-14	165	29-12	169	47-06	194	67-06	171	67-82	173	69-08	180
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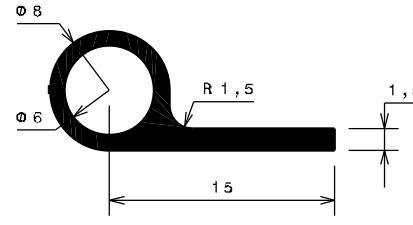
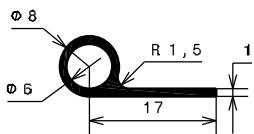
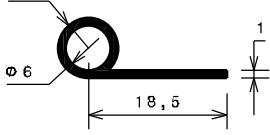
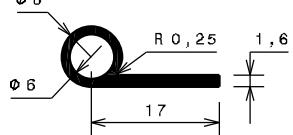
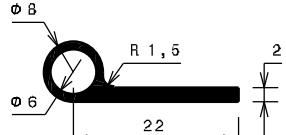
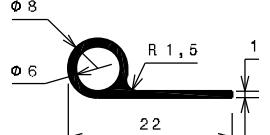
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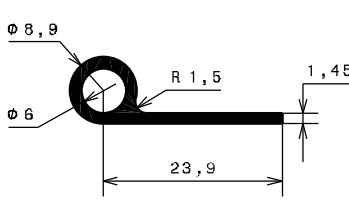
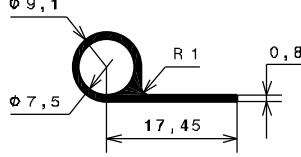
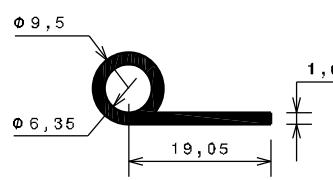
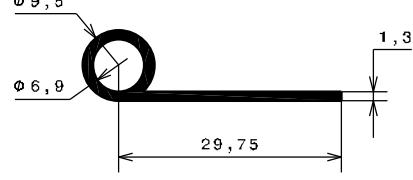
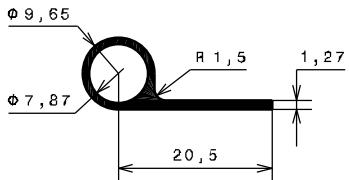
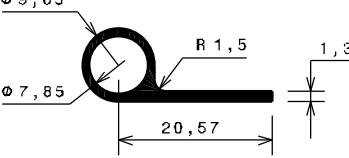
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	74-53 D590		74-60 C600
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	74-159 C500		74-46 N632

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	74-251 D585
	74-190 C600
	74-426 D500
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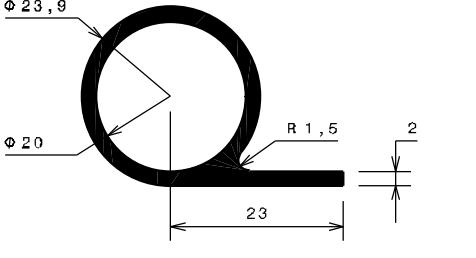
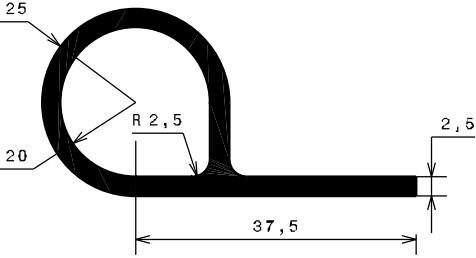
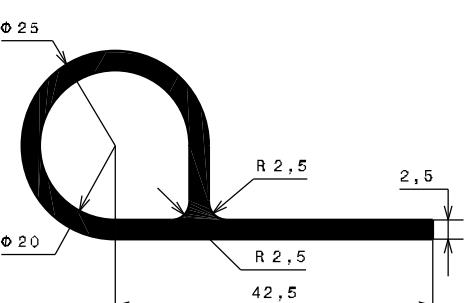
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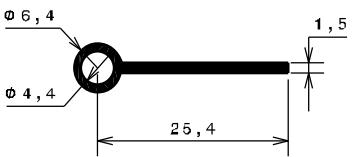
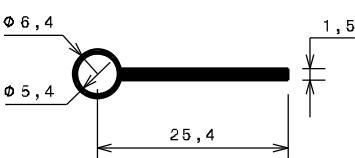
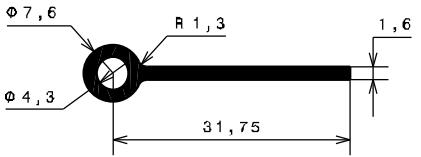
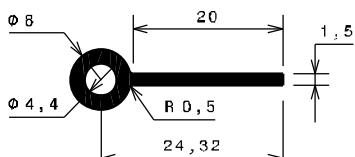
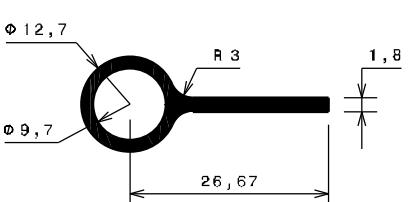
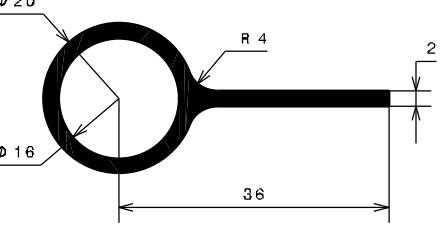
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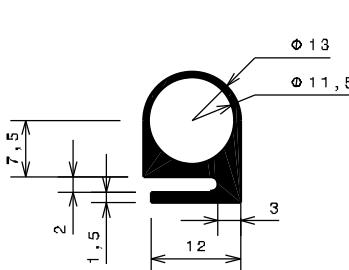
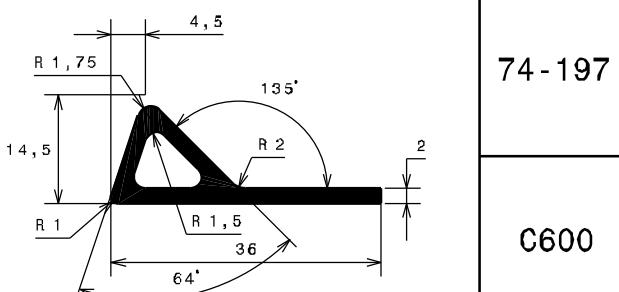
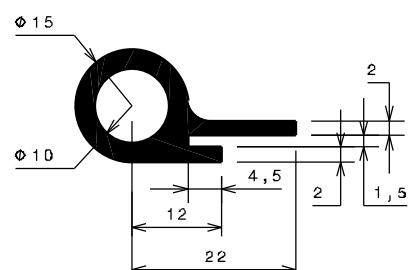
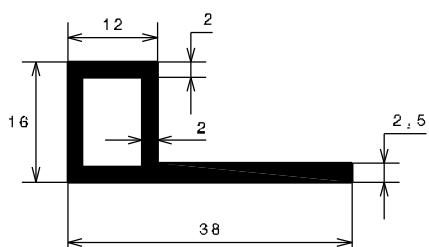
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	74-117 C600 C700		74-341 D590
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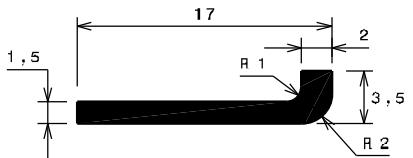
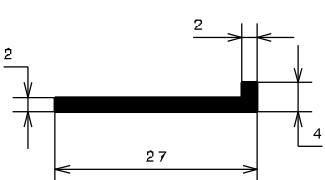
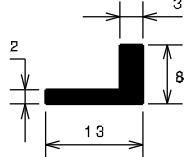
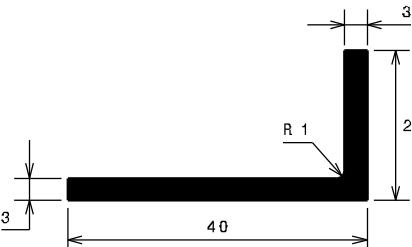
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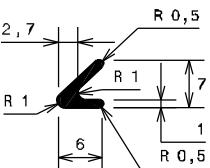
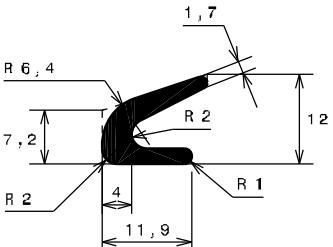
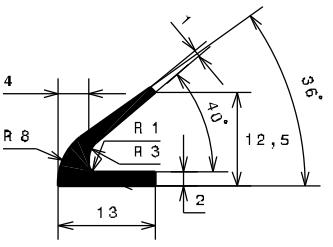
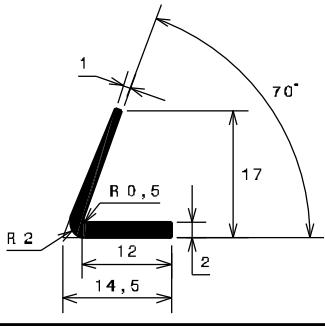
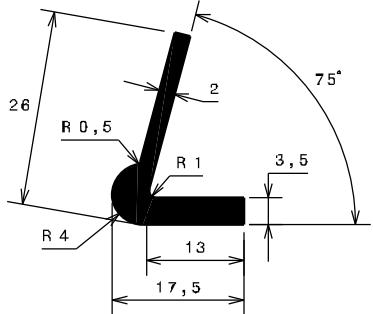
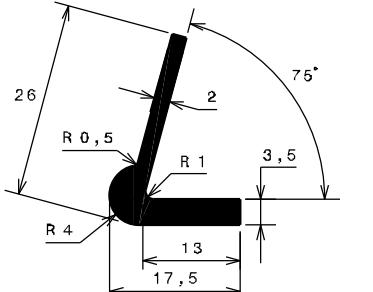
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SECTIONS	REF	SECTIONS	REF
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	74-284 D585		74-393 D600
	74-31 D590		74-86 D720
	74-118 F600		74-309 D590
	74-57 D500		74-321 D590
	86-71 D500		74-82 D551

SECTIONS	REF	SECTIONS	REF
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SECTIONS	REF	SECTIONS	REF
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	88-60 C400		
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SECTIONS	REF	SECTIONS	REF
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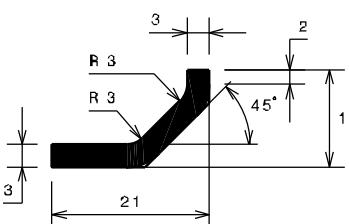
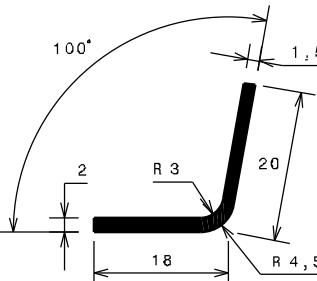
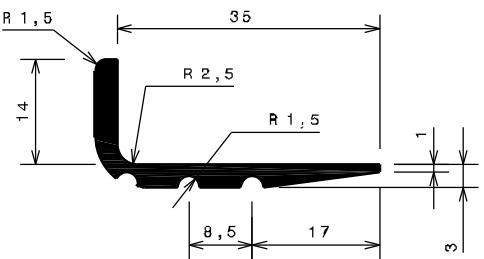
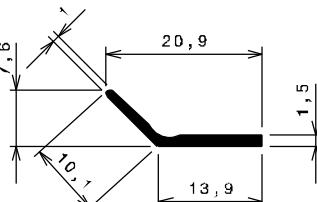
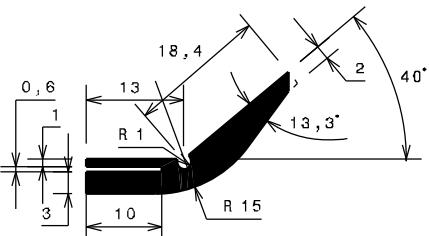
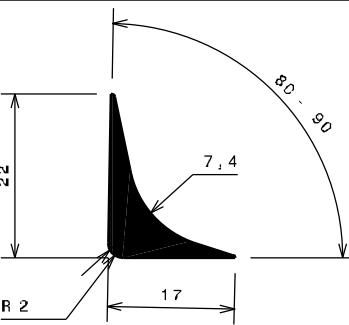
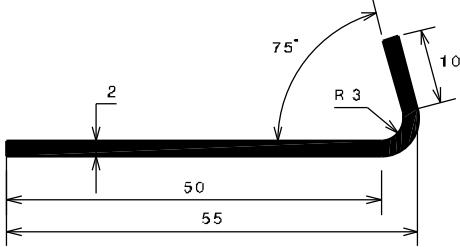
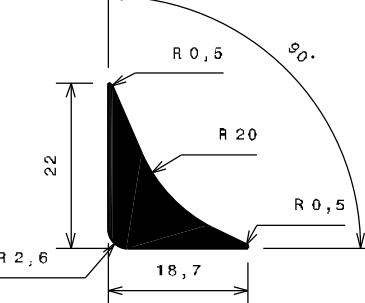
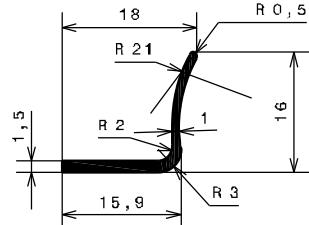
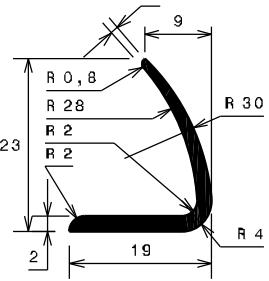
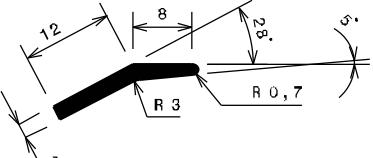
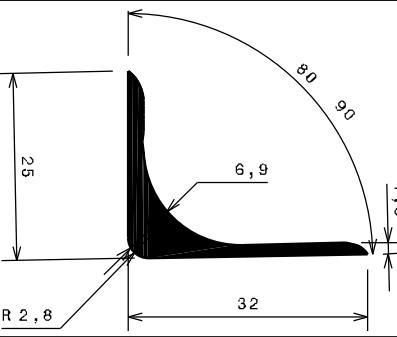
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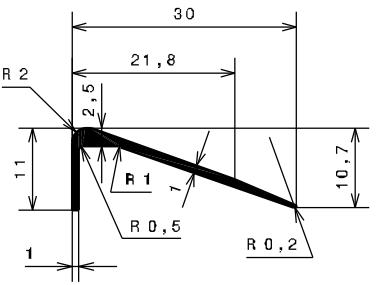
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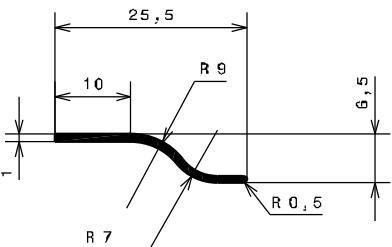
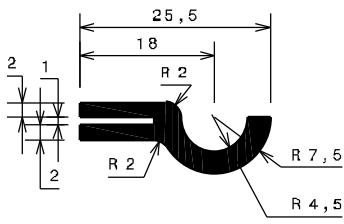
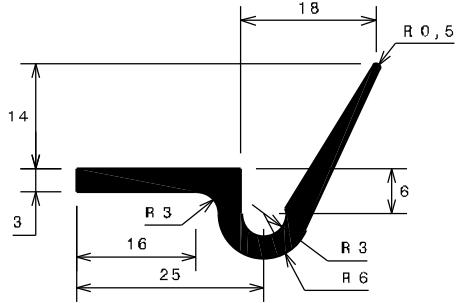
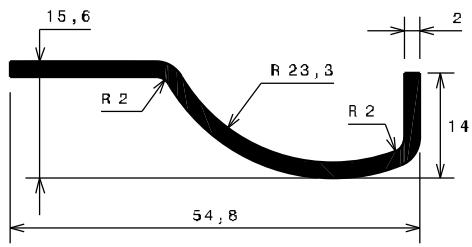
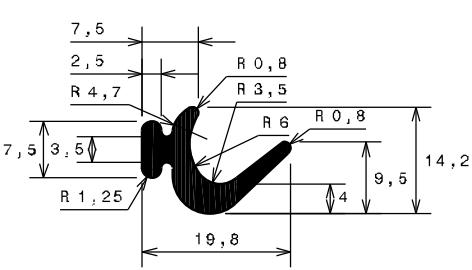
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	88-364 D721		88-367 D721
	88-370 D721		88-227 C600

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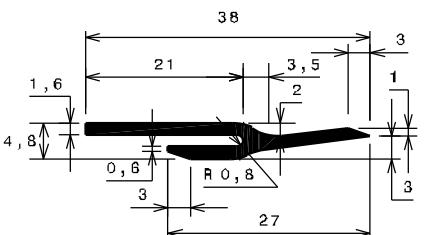
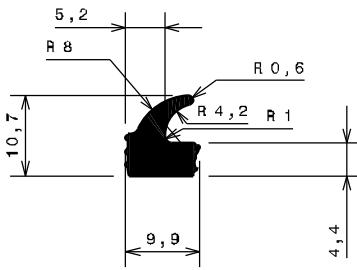
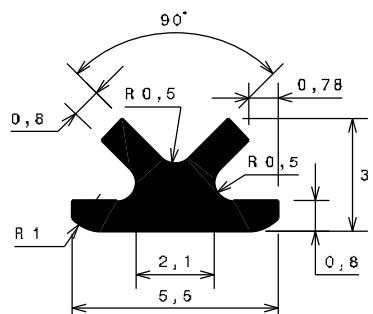
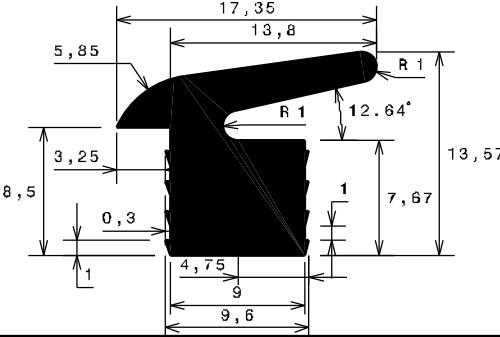
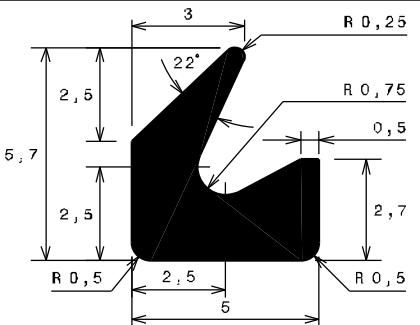
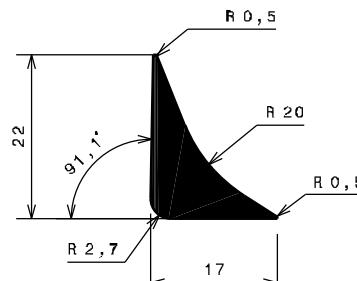
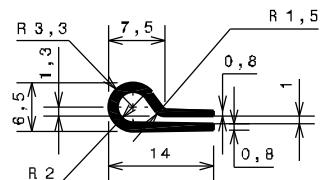
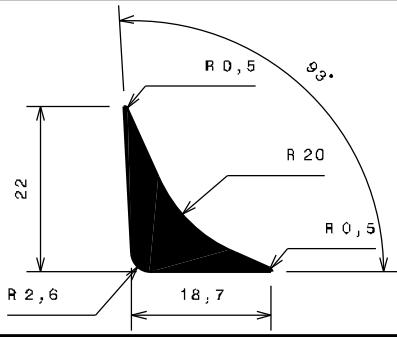
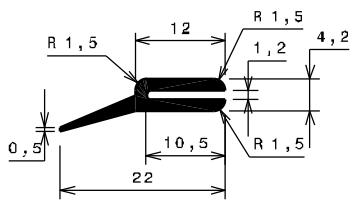
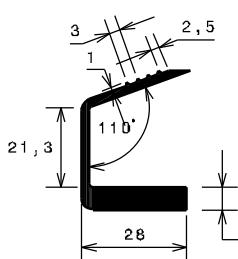
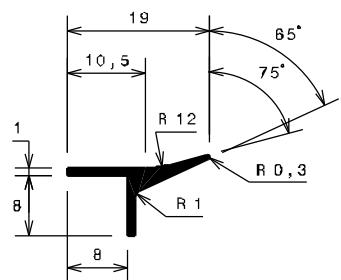
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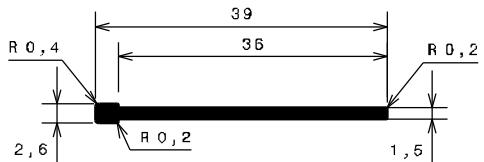
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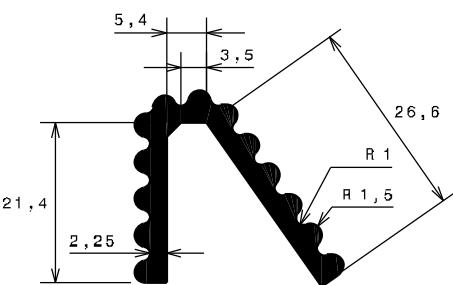
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	88-330 N632		88-408 D500
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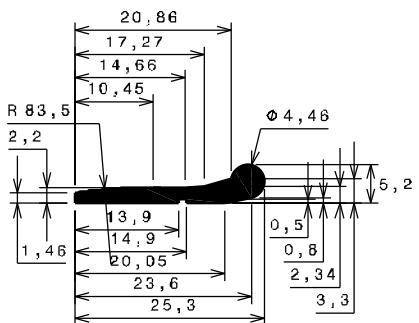
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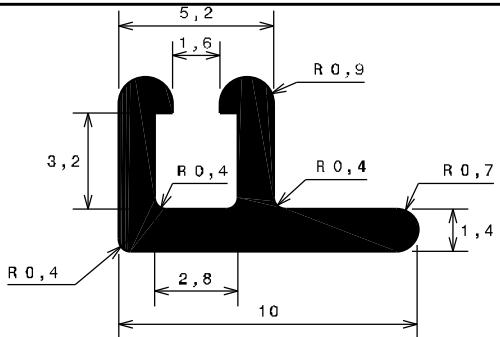
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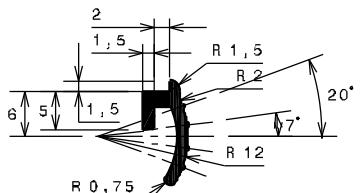
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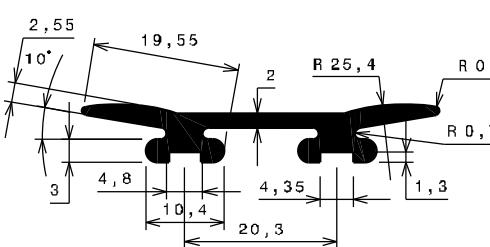
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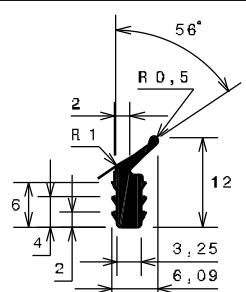
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88-103

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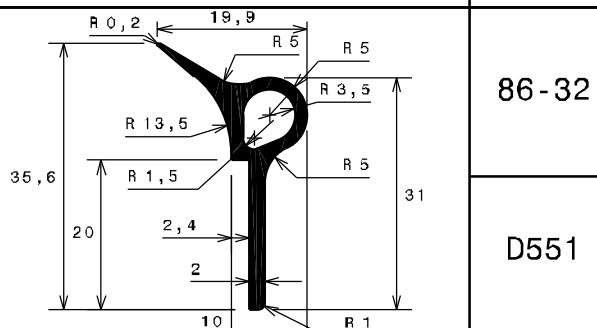


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D585

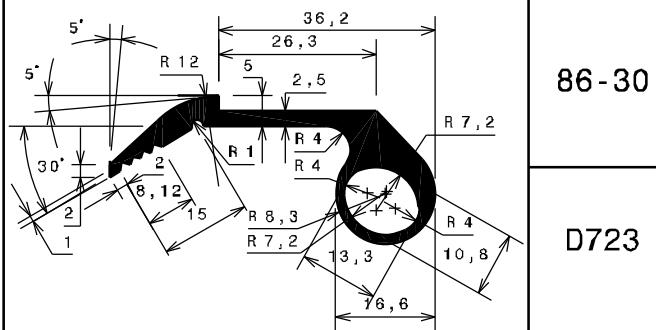
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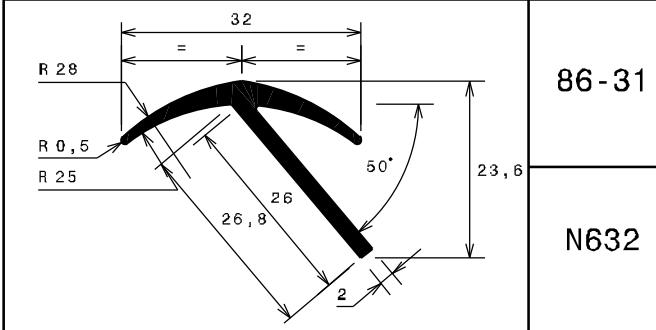
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D551



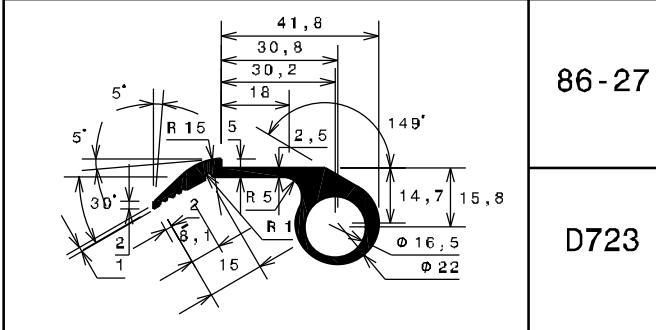
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D723



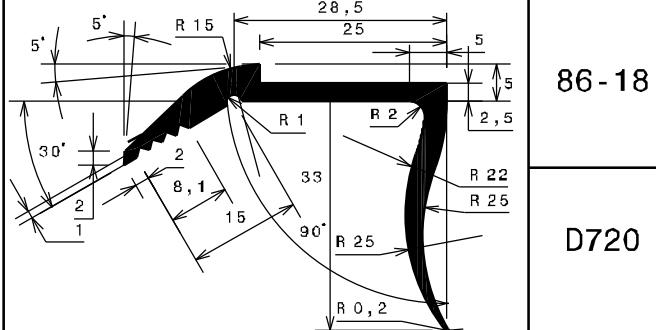
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N632



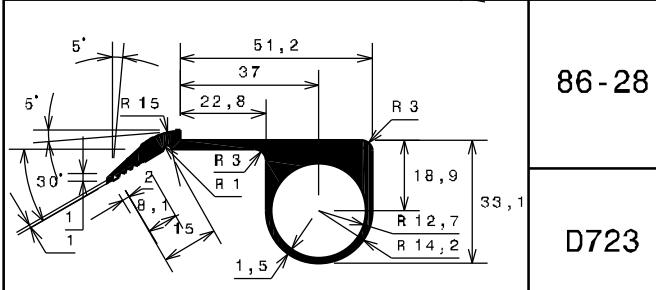
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D723



86-18

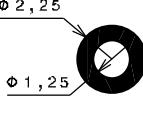
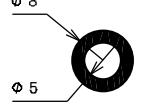
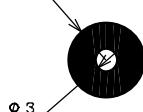
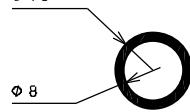
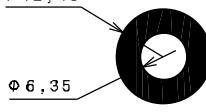
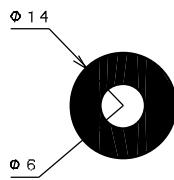
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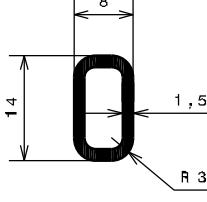
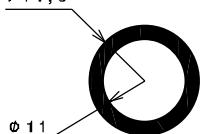
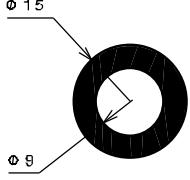
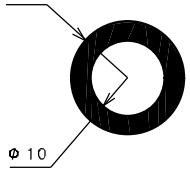
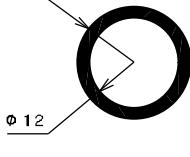
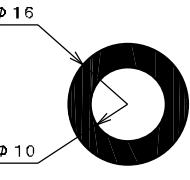


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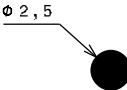
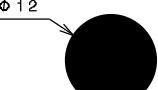
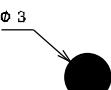
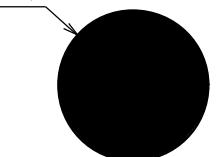
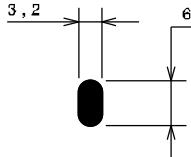
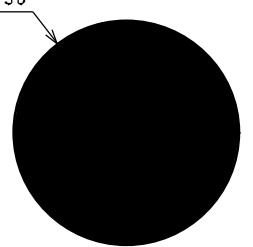
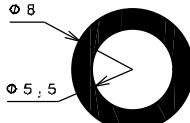
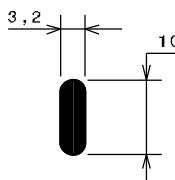
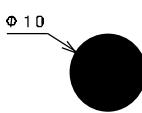
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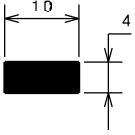
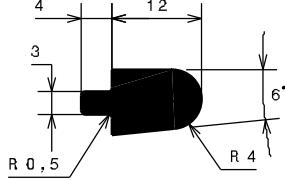
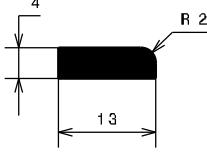
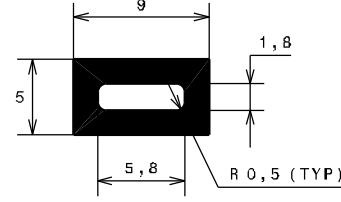
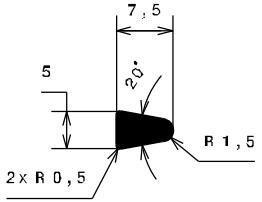
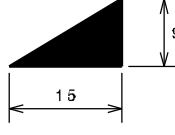
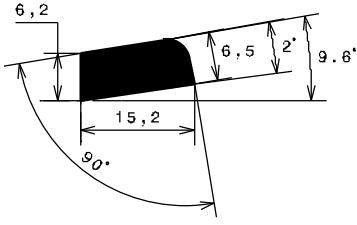
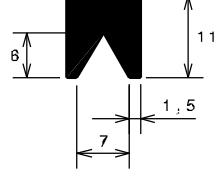
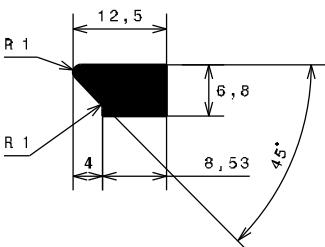
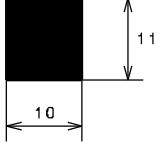
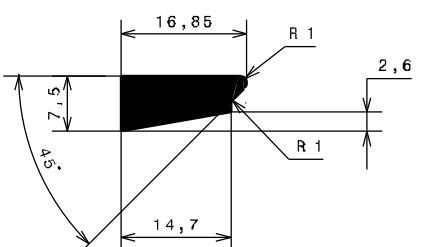
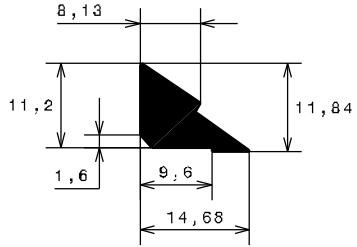
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	21-33 E750
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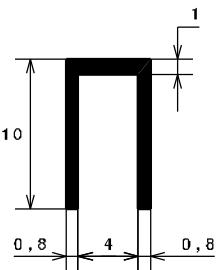
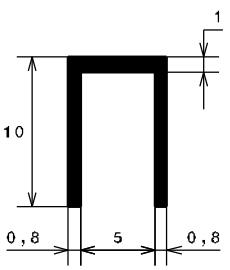
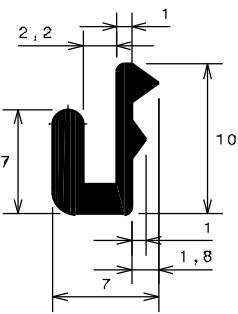
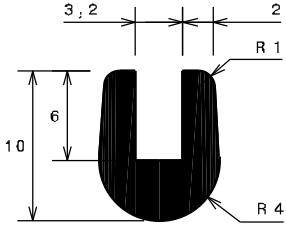
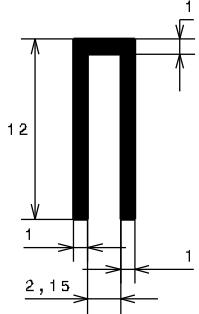
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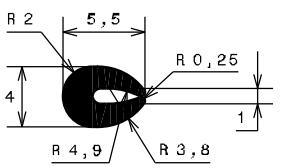
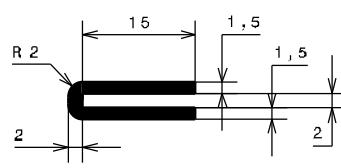
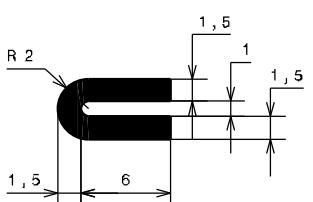
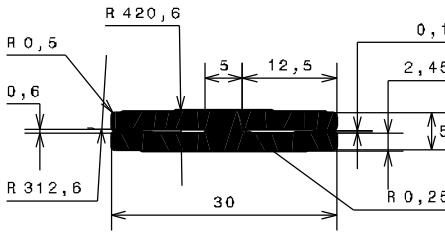
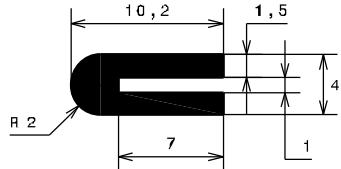
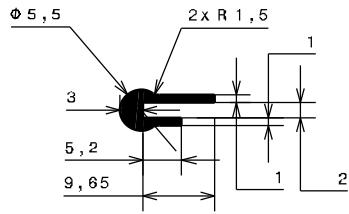
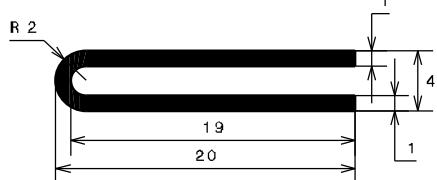
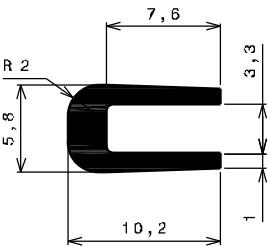
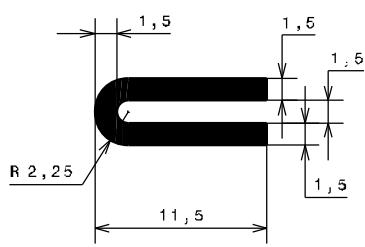
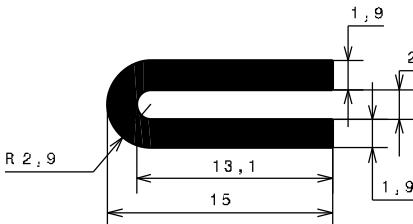
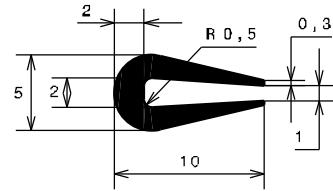
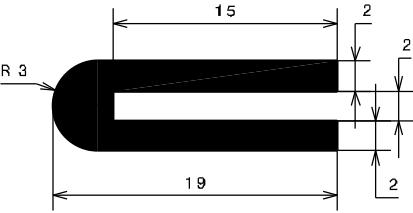
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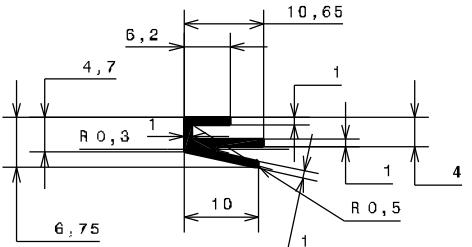
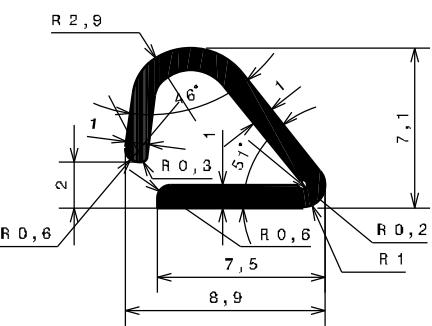
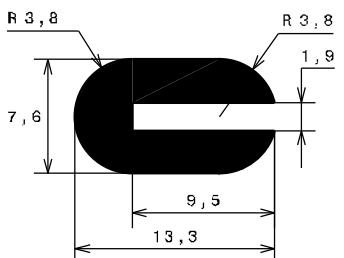
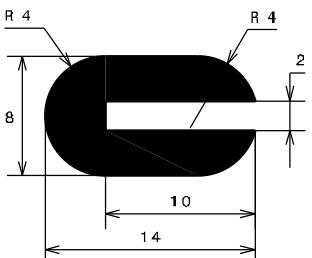
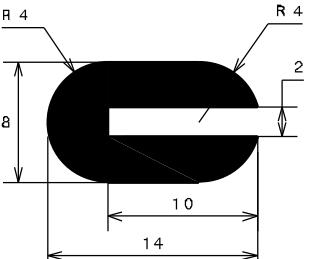
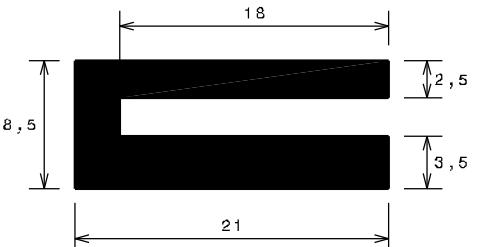
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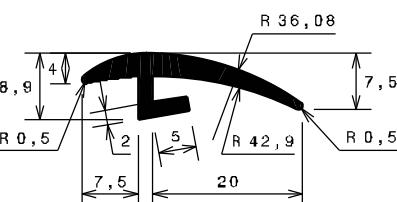
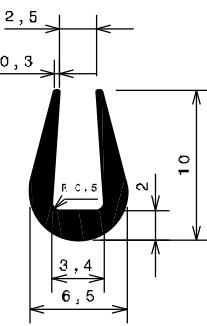
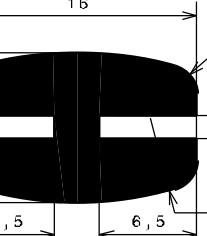
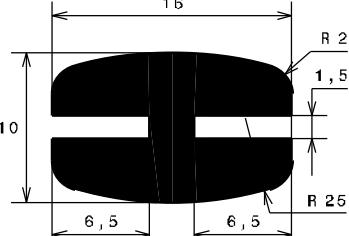
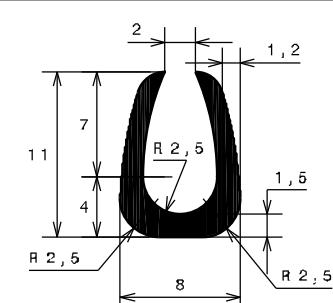
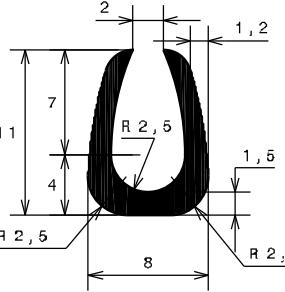
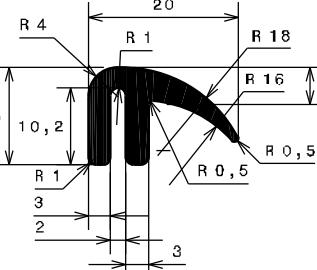
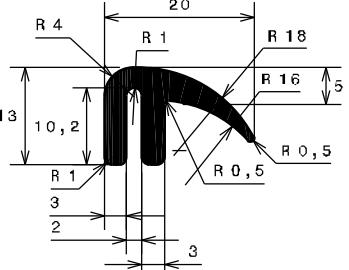
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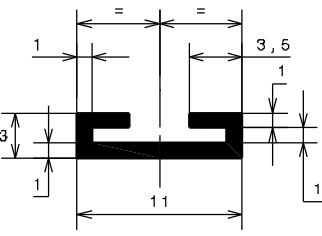
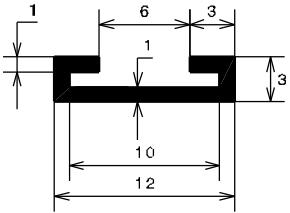
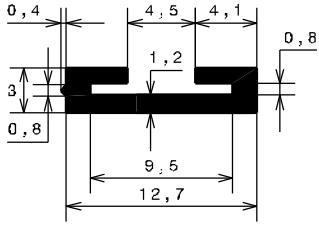
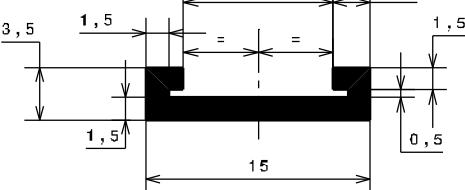
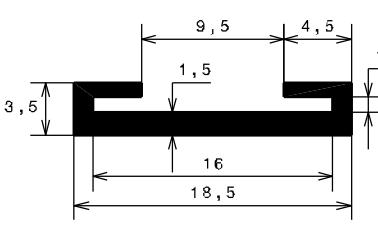
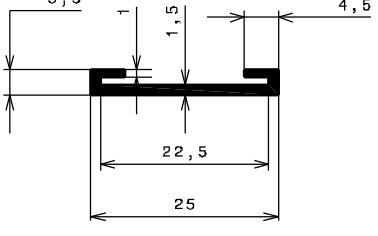
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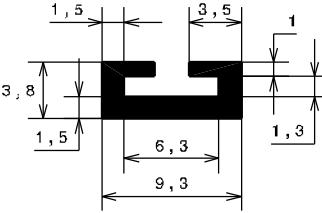
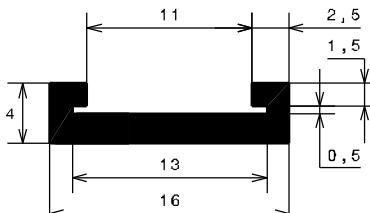
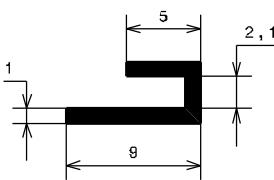
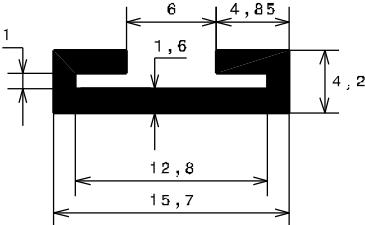
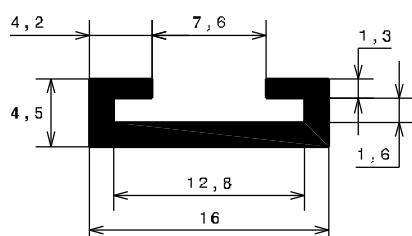
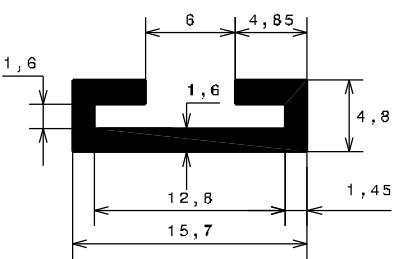
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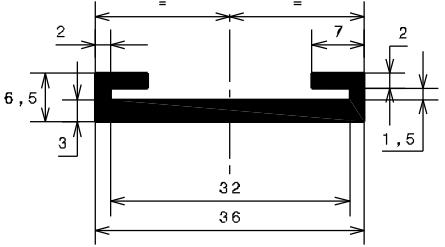
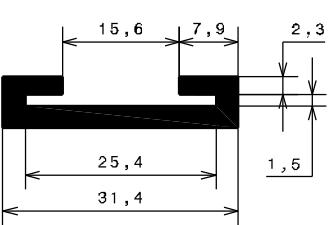
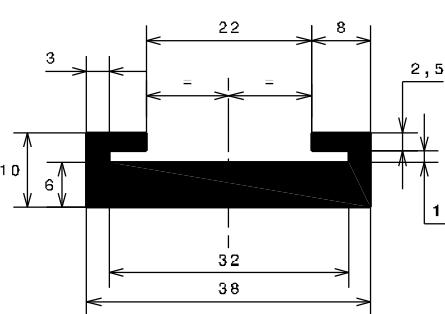
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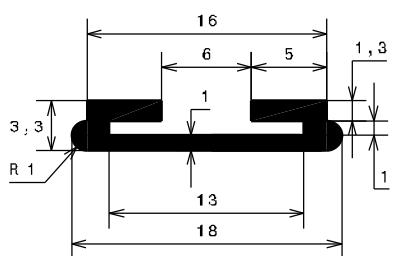
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	67-76 D721
	67-39 D500
	67-11 C400
	67-42 D500
	67-45 E850

SECTIONS	REF
	67-50
	D585
	67-86
	67-51
	C700
	67-12
	C500
	67-54
	D590

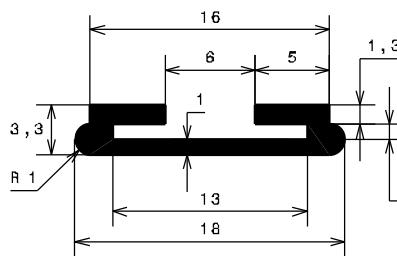
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	67-27 N600
	67-14 C600
	67-16 F600
	67-26 -
	67-02 D590
	67-78 D590

SECTIONS	REF
	67-23 D590
	67-28 N600
	67-67 D590
	67-08 D600 D590 E651
	67-57 E850
	67-09 D600 D590 N640

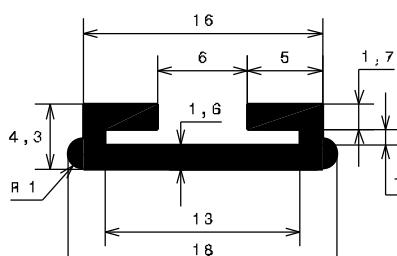
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	67-47		E619
	67-25		-

SECTIONS**REF**

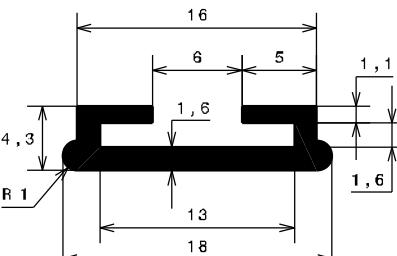
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SECTIONS**REF**

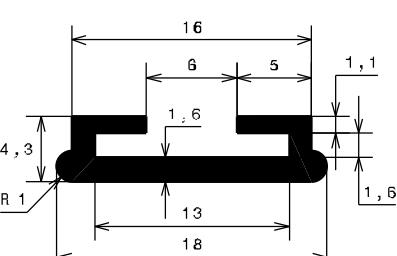
67-35



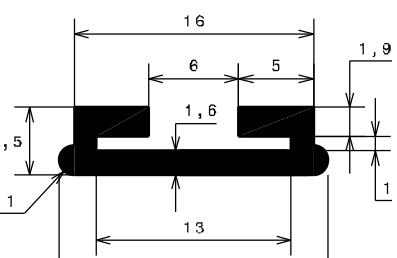
67-34



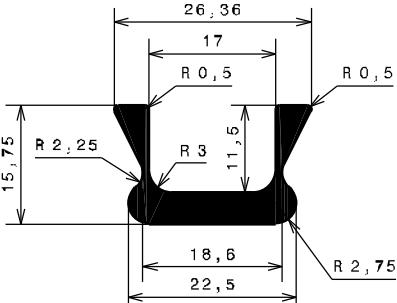
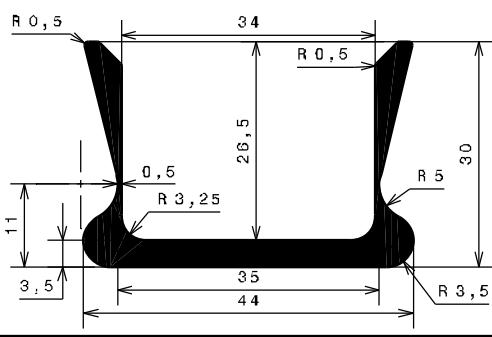
67-36



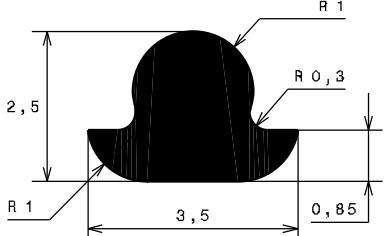
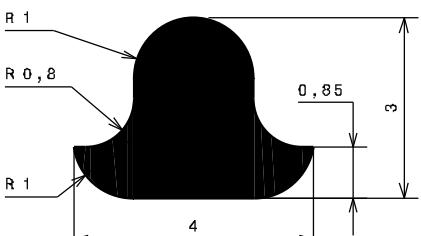
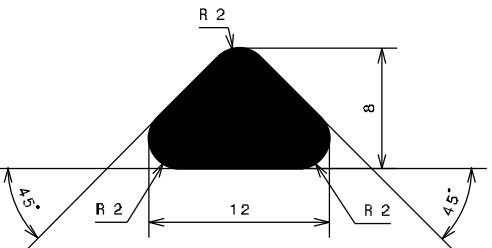
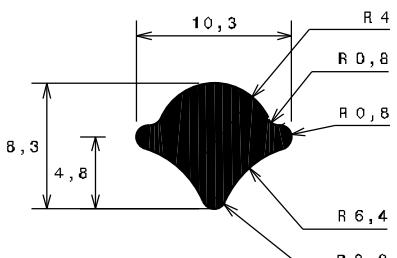
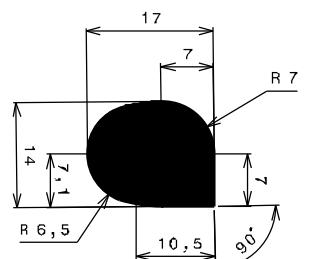
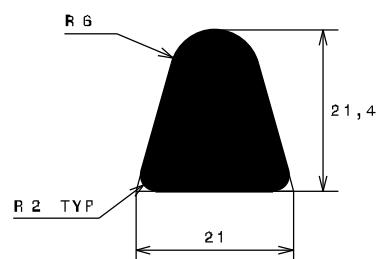
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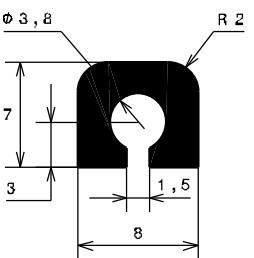
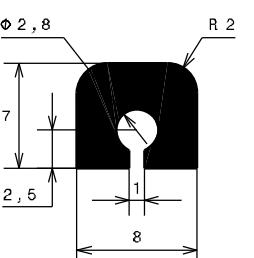


67-33

SECTIONS	REF
	67-63 D500
	67-64 D500

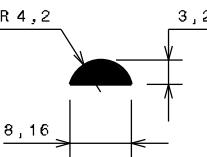
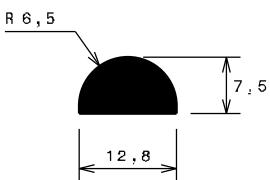
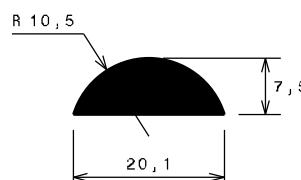
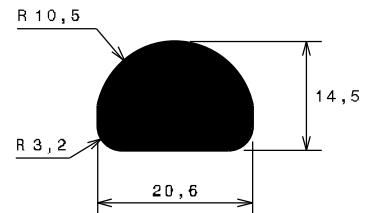
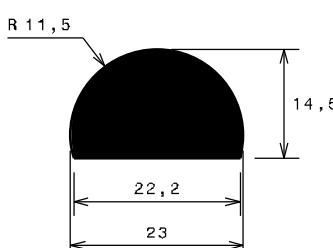
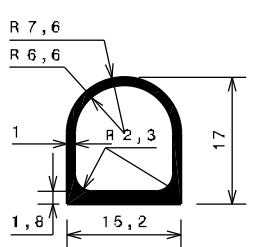
SECTIONS	REF

SECTIONS	REF
	69-02 D590
	69-29 N632
	69-11 C400 C500
	69-33 D801
	69-35 FOAM
	69-31 Foam EPDM

SECTIONS	REF	SECTIONS	REF
	69-06 D500		
	69-05 D500		

SECTIONS	REF	SECTIONS	REF
	69-09 C600		69-13 C400
	69-08 C600		69-39 D590
	69-18 D590		69-17 D590
	69-20 D590		69-04 D590
	69-19 D590		69-15 C500
	69-21 D710		

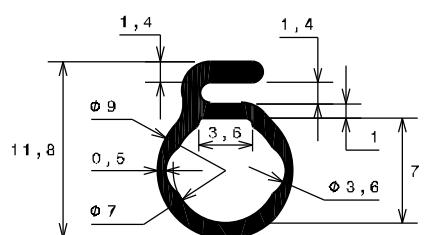
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	69-23 E521		
	69-07 D590		
	69-12 D590		
	69-30 N640		

SECTIONS	REF
	73-54 D585
	73-07 D450 D563 D564
	73-06 D564
	73-22 Mousse Silicone
	73-40 Mousse Silicone
	72-15 D720

SECTIONS	REF	SECTIONS	REF
	73-98 D400		
	73-84 D590		
	73-04 D600		
	73-93 D590		
	73-41 C500		
	73-23 -		

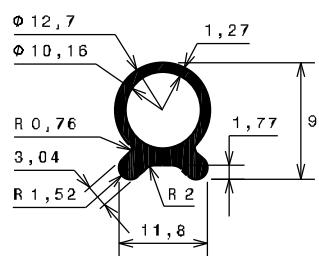
SECTIONS

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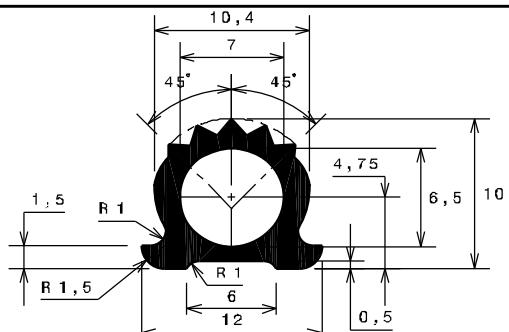
76-54

D590



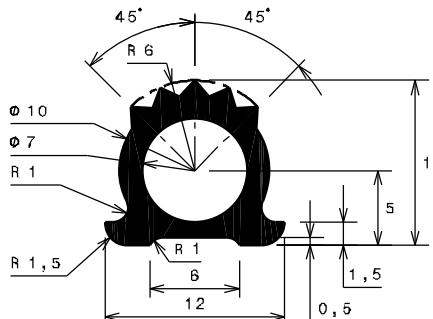
76-46

D600



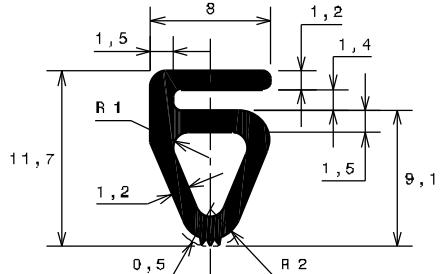
76-13

B452



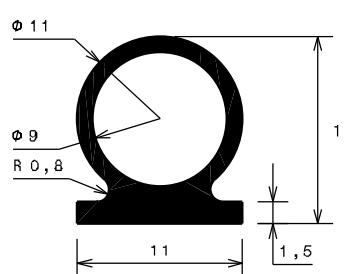
76-05

B452



76-33

C500

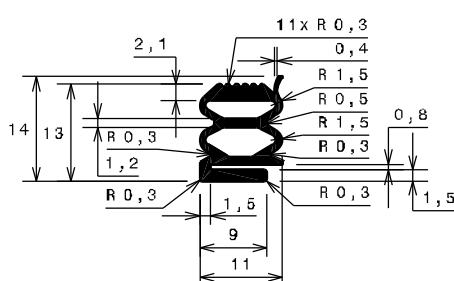


76-06

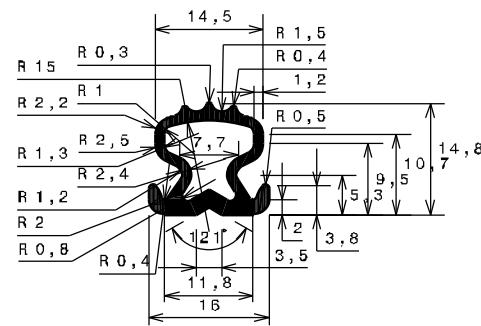
D500
F600

SECTIONS

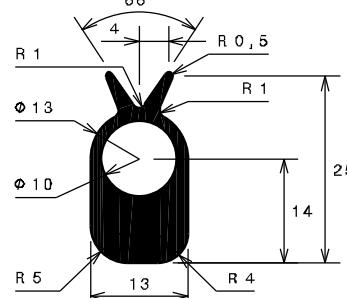
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76-79

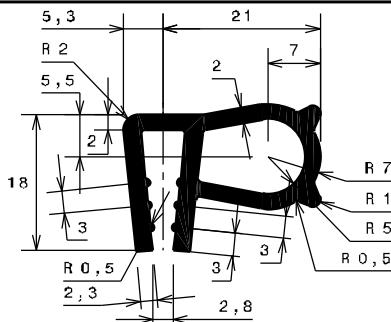


76-39



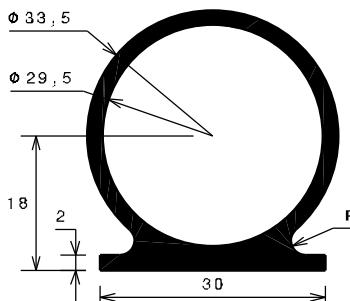
76-82

D500



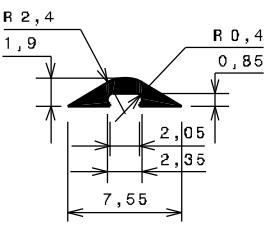
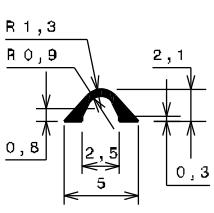
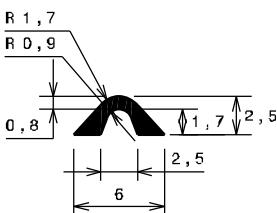
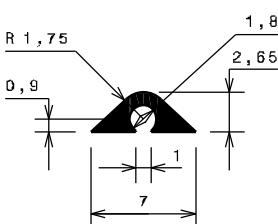
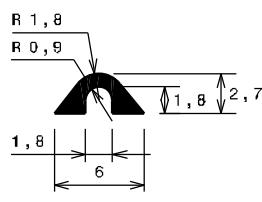
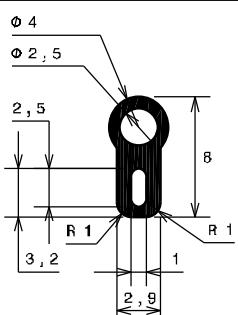
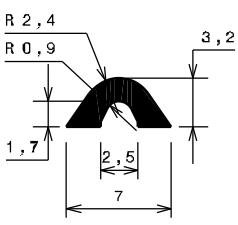
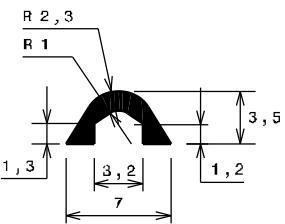
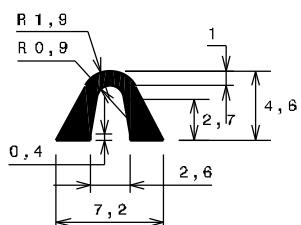
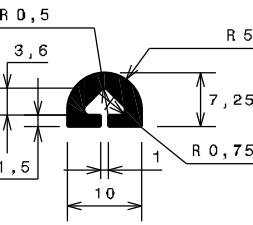
76-66

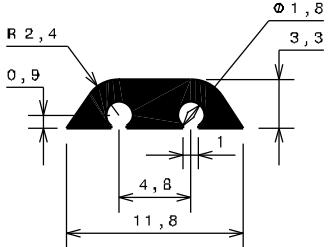
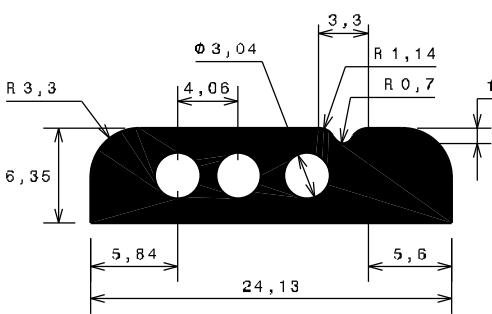
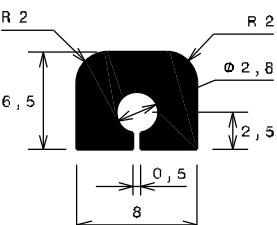
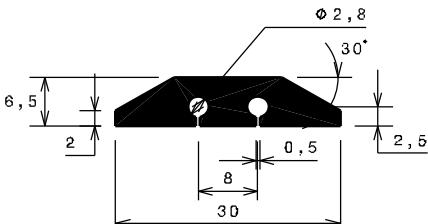
D590



76-69

D720

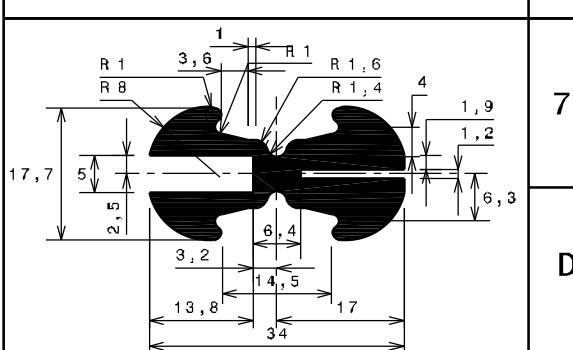
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	77-05 D401
	77-12 D401
	77-08 D401
	77-03 D401
	77-20 D401
	77-38 D500
	77-06 D401
	77-15 D401
	77-27 D401
	77-39 D500

SECTIONS	REF	SECTIONS	REF
	77-04 D401		
	77-33 D500		
	77-09 B452		
	77-10 B452		

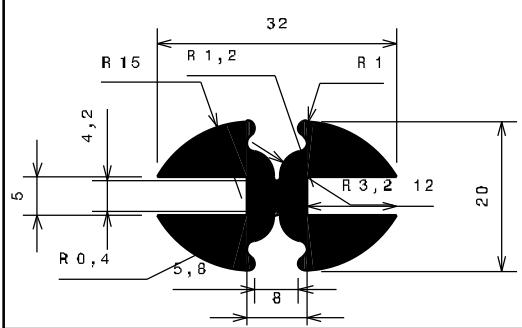
SECTIONS	REF	SECTIONS	REF
	77-25		77-22
	D800		D600
	77-32		77-29
	D600		D700
	77-13		77-11
	D590		C600
	77-28		77-30
	D710		D700
	77-18		77-24
	D720		D800
	77-17		77-14
	D720		D590

SECTIONS	REF
	77-37 C700
	77-16 D401
	77-07 B452
	69-32 D801
	77-44 D801
	77-26 D500

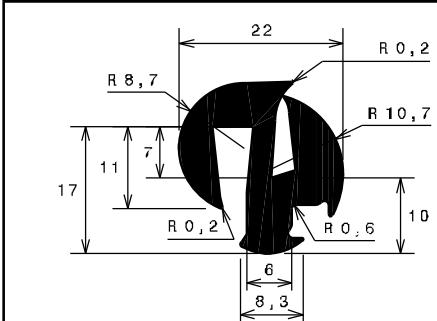
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	77-45 D590
	77-47 D491
	77-46 D590
	77-49 D587
	77-43 D801

SECTIONS**REF**

77-41

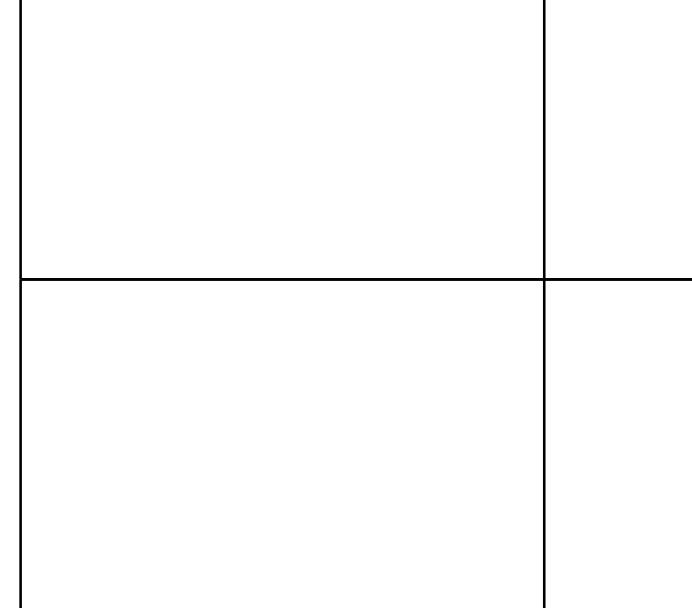
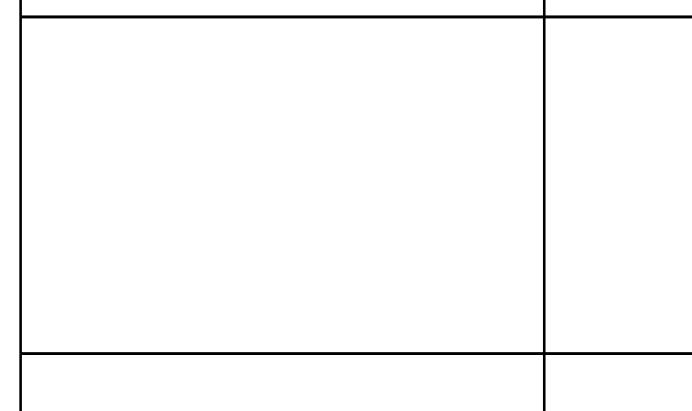
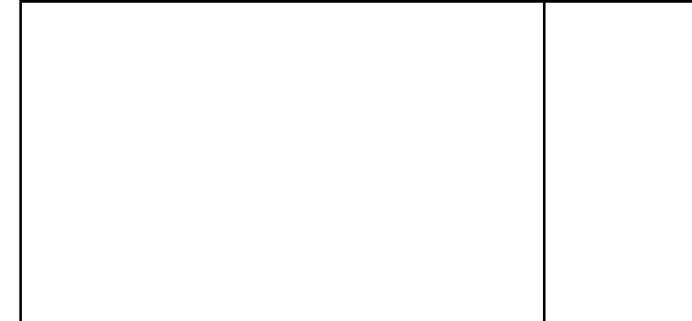


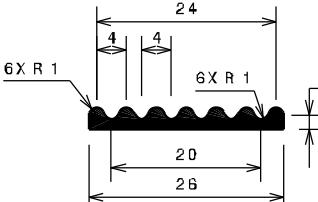
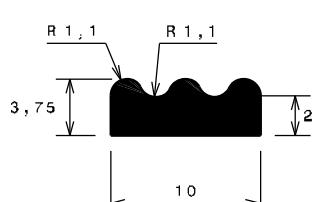
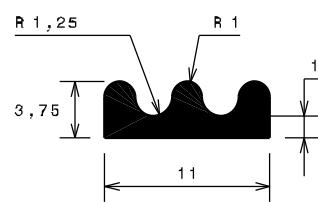
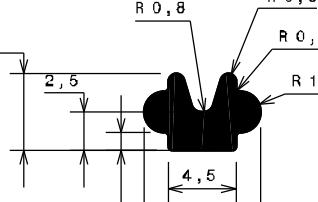
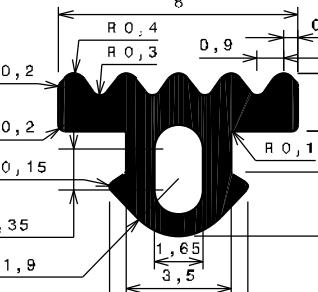
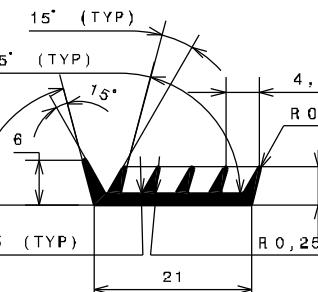
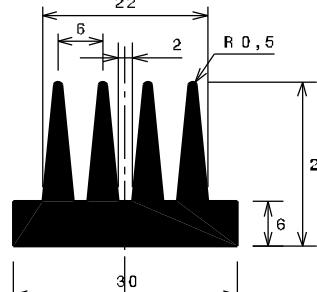
77-40

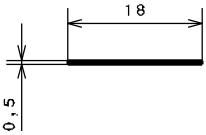
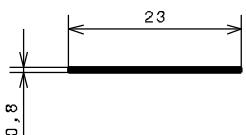
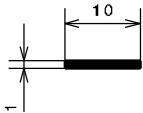
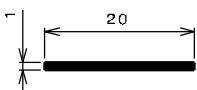
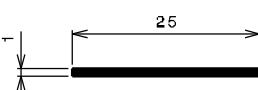
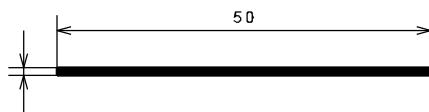


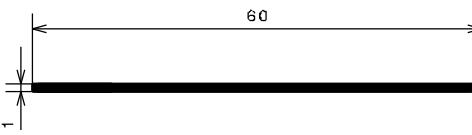
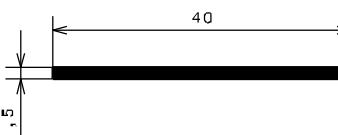
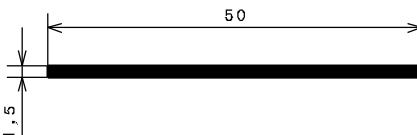
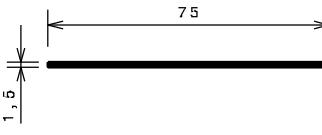
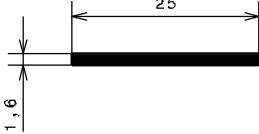
77-36

C700

SECTIONS**REF**

SECTIONS	REF
	86-49 D591
	86-23 D720
	86-19 D500
	86-85 D590
	77-31 D720
	77-48 D590
	77-23 D600

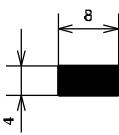
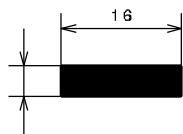
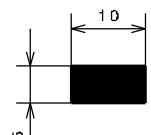
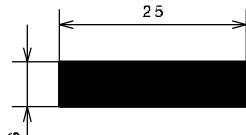
SECTIONS	REF
	47-05
	C500
	47-09
	D600
	47-34
	C600
	47-58
	N530
	47-49
	D800
	47-02
	N330

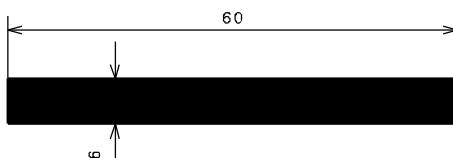
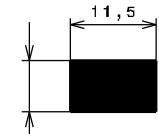
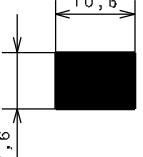
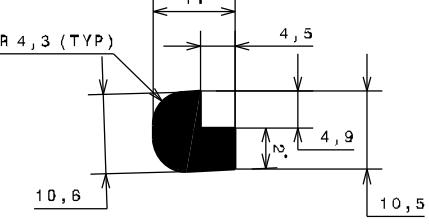
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	47-28
	D600
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	D801
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	F600
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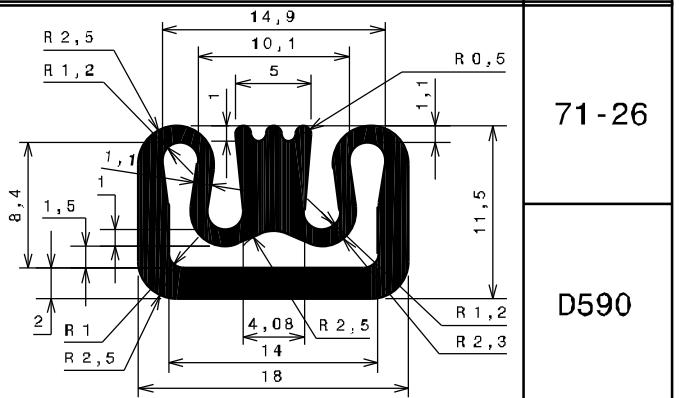
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	47-37 D720
	47-54 D491
	47-41 C600
	47-15 -
	47-48 F400

SECTIONS	REF
	47-47 F400
	47-56 C300
	47-36 F600
	47-10 C600
	47-57 C300
	47-19 D500 D590

SECTIONS	REF	SECTIONS	REF
	47-26 D500		47-30 D585
	47-39 C800		47-01 C700
	47-33 C600		47-43 C600
	47-38 C800		47-40 SILICONE FOAM BLACK
	47-13 D500		47-22 D500
	47-18 N632		47-11 C800

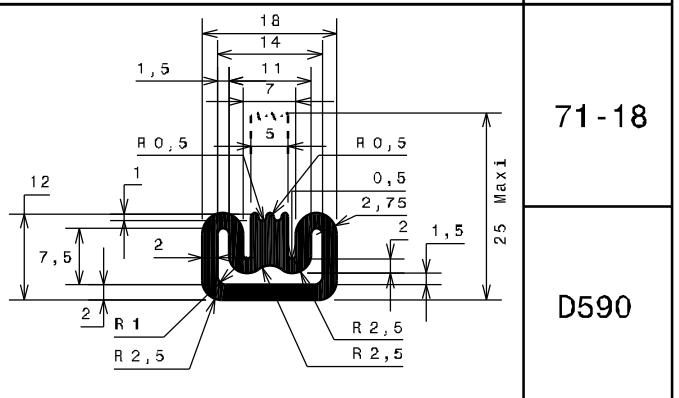
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	47-08 C500
	47-16 D590 D800
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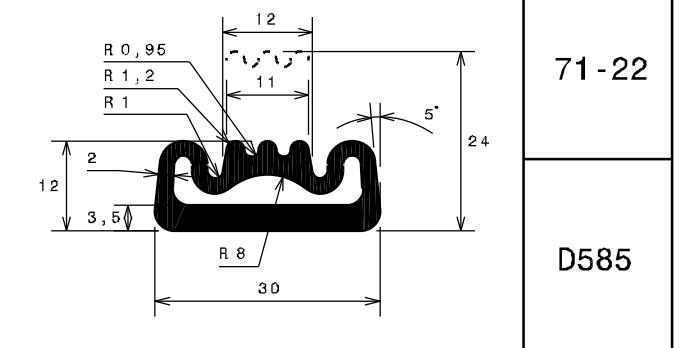
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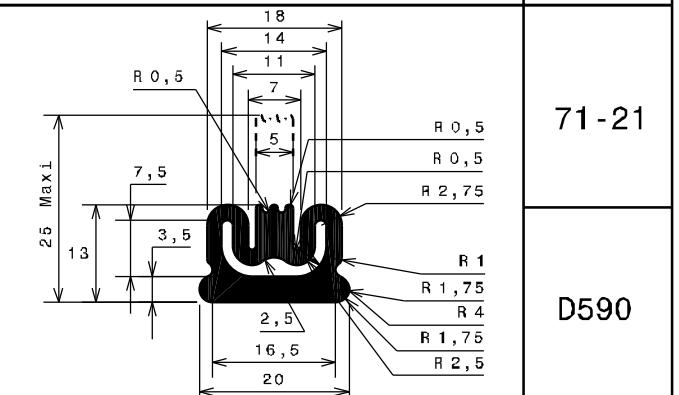
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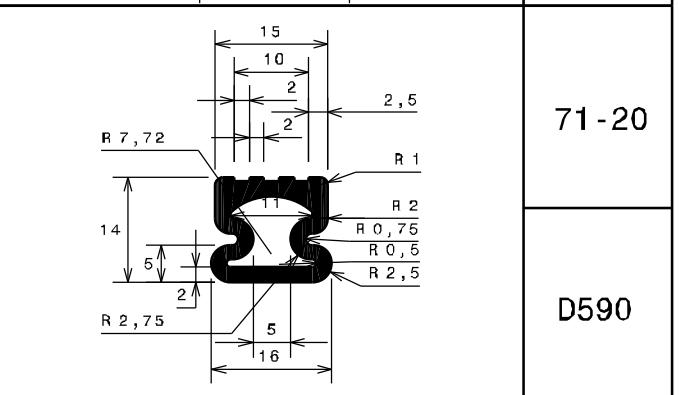
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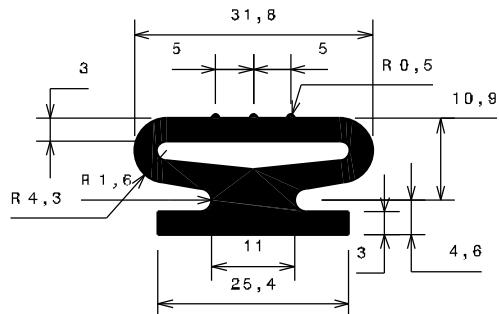
71-21

D590



71-20

D590

SECTIONS**REF**

71-33

D700



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