



机加工密封件

***Machined
parts***

Techné
LA PERFORMANCE AU QUOTIDIEN



www.techné.fr



- 方便而直接地查询到我们的库存信息和主要产品种类。
- 产品的技术信息，工作原理，安装条件等等。
- 在线材料物性报告。
- 有关泰克尼尔公司的最新信息

- Direct and easy access to our stock, on our main range of products.
- Technical informations, function principles, assembling conditions etc.
- Material data sheets on line
- News from Techné

请登陆我们的网站查询相关信息 www.techné.fr

Join us on techné.fr

泰克尼尔公司能够向您提供种类繁多的塑料和橡胶机加工零件。

如果您想定制小批量的零件样品，我们的设备也能完全满足您的需求。

TECHNE offers a wide range of plastic and elastomer machined parts.

Prototype, small or medium series : our equipment suits all your needs.

我们在此向您承诺/ We ensure:

最短的产品交货时间/
Very short delivery time

最广泛的产品尺寸范围/
An extensive range of dimensions

最完整的产品追溯性/
a full tracability

最可靠的原材料（全部材料经过相关认证）
Certified materials
(FDA, KTW, W270, USP VI).

最专业的设计和选材
Technical advice to chose your design and materials

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Techné
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1-材料 / Materials

泰克尼尔公司拥有庞大的材料库存量，保证了在最短的交货期内向您提供几乎所有种类的塑料和橡胶材料，其中一些材料（FDA，USP...）可以按照要求特制。

以下表格概括所有泰克尼尔公司常用机加工的原材料。其中一些材料可以按照要求特制。

Our stock allows to offer you very short delivery time on the whole range of plastic and rubber materials. Some materials (FDA, USP...) can be stabilized on request.

The following table sums up all the materials usually machined at techne with available grades and colours. Some materials can be stabilised on request.

代号 DESIGNATION	材料 MATERIAL	可用类型 AVAILABLE TYPES	颜色 COLOURS	认证 HOMOLOGATIONS (Auf Anfrage/on request)
橡胶弹性体/ELASTOMERS				
FKM	氟橡胶 Fluorocarbon	新:FKM 33484, 用于机加工和模制件 New: FKM 33484, used to machine and mould parts	黑色, 棕色, 绿色 Black, brown, green	FDA
NBR	丁腈橡胶 Nitrile	—	黑色, 白色 Black, white	FDA
EPDM	三元乙丙橡胶 Ethylene-propylene diene monomer	新:EPDM 334137, 用于机加工和模制件 New: EPDM 334137, used to machine and mould parts	黑色, 白色 Black, white	KTW, WRC/WRAS, ACS, FDA EN681, USP VI
HNBR	氢化丁腈橡胶 Hydrogenated Nitrile	—	黑色 Black	—
MVQ	硅胶 Silicone	—	粉红色, 蓝色 Pink, blue	FDA
PU	聚氨酯 Polyurethane	抗水解作用, 食品级填充MOS2 Hydrolysis resistant - Filled with MoS ₂	绿色, 蓝色, 红色, 灰蓝色 Green, blue, red, grey blue	FDA
PU-THP	/	纯聚氨酯, 有填充的 Virgin, filled	半透明, 黑色 Translucent, black	On request
塑料/ PLASTICS				
PA	聚酰胺 Polyamide	PA6, PA66, PA12, PA46, PA6G, 填充物/Filled	根据填充物 Depending on charge	CEE/BGA/FDA
PE	聚乙烯 Polyethylene	PE HD - PE UHMW	半透明 Translucent	CEE/BGA/FDA
PEEK	聚醚醚酮 Polyetherethercetone	PEEK-填充碳, 石墨, PTFE PEEK - Filled with Carbon, Graphite, PTFE	根据填充物 Depending on charge	CEE/BGA
POM	聚甲醛 Polyacetal	POM C - POM H	黑色, 白色, 黄色 Black, white, yellow	CEE/BGA/FDA
PTFE	聚四氟乙烯 Polytetrafluoroethylene	纯聚合物, 彩色 (Cro) ->食品级填充 玻璃纤维, 碳, 石墨, 青铜, MOS Virgin - Colored (Cro) Alimentary Filled with Glass, Carbon, Graphite, Bronze, MoS ₂ , Stainless	根据填充物 Depending on charge	CEE/BGA/FDA USP Class 6
PVDF	聚偏氟乙烯 Vinylidenpolyfluorid	?	白色 White	CEE/BGA/FDA
PVC	聚氯乙烯 Vinyl polychloride	?	灰色 Grey	?
PCTFE	聚三氟氯乙烯 Polychlorotrifluorethylene	?	白色 White	?
PETP	聚乙烯对苯二甲酸酯 Polyethylene terephthalate	?	自然, 黑色, 浅灰色, 透明, Natural, black, pale grey, transparent	CEE/BGA/FDA
PMMA	聚甲基丙烯酸甲酯 Polymethylmétacrylate	?	透明 Transparent	?
PC	聚碳酸酯 Polycarbonate	?	透明 Transparent	CEE/BGA/FDA
PP	聚丙烯 Polypropylene	?	黑色 Black	?
PFA	全氟烷氧基聚合物 Perfluoroalkoxy	?	白色 White	?
PAI	聚酰胺酰亚胺 Polyamide imide	?	黑色 Black	?

温度范围/Temperature range

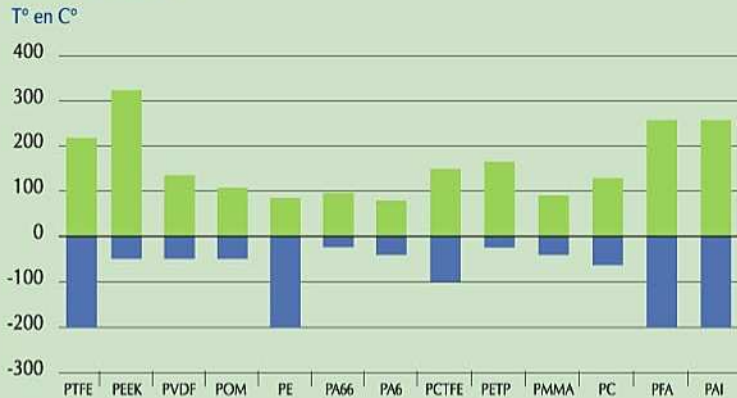
以下温度仅供参考之用

材料的实际耐温性也与工作条件有关（压力，外界环境.....）

The following temperatures are given only as a guide.

The actual resistance depends also on working conditions (stress, environment...)

塑料/Plastics



橡胶 Elastomere/Elastomer



新/ New PU-THP:

我们建议使用这个物性与PU类似的新型橡胶。它可以在高温环境下替代PU。（最高170摄氏度）。

We propose this new rubber with a structure similar to PU. It can be used instead of the latest for high temperature environment (up to 170 °)

塑料 - 物性 Plastics-Properties

以下给出的物性仅为了帮助您挑选材料作指导之用。填充物和材料类型的不同，某些物性会有些许变化。（PA6 / PA66 等等。）

These properties are given as a guide only to help you choose the material. Some variations are possible according to the charge and the type of material (PA6 / PA66 etc.).

	PA	POM	PE	PTFE	PEEK	PETP	PC	PVDF
耐磨性 Wear resistance	很好 very good	一般 average	极好 exceptional	一般 average	极好 exceptional	很好 very good	一般 average	好 good
抗寒性 Cold flow resistance	好 good	好 good	一般 average	一般 average	很好 very good	很好 very good	好 good	一般 average
脆性 Brittleness	极好 exceptional	一般 average	极好 exceptional	很好 very good	好 good	不用 do not use	极好 exceptional	一般 average
摩擦系数 Friction coefficient	很好 very good	一般 average	很好 very good	极好 exceptional	很好 very good	很好 very good	-	很好 very good
不易变形 Dimensional stability	不用 do not use 吸潮 humidity take up	好 good	不用 do not use 膨胀 dilatation	不用 do not use 膨胀 dilatation	极好 exceptional	很好 very good	好 good	一般 average
抗化学性 Chemical resistance	一般 average	一般 average	很好 very good	极好 exceptional	很好 very good	一般 average	一般 average	很好 very good
耐蒸煮 Steam resistance	不用 do not use	一般 average	一般 average	很好 very good	很好 very good	不用 do not use	-	好 good
电气绝缘 Electrical insulation	好 good	好 good	极好 exceptional	好 good	很好 very good	好 good	好 good	-

橡胶-抗化学性 Elastomers - Chemical resistance

	ISO 6743	类型 / Types	应用 / Applications	NBR (°C)	HNBR (°C)	FKM (°C)	PU (°C)	PTFE (°C)	EPDM (°C)	MVQ (°C)
ISO 11158 矿物油 Mineral Oils	HH	没有任何添加的纯矿物油 Pure mineral oil, without additives.	能保证能量的传递, 没有保护或润滑的作用, 目前已经很少使用 They ensure energy transmission, not protection/lubrication. They are rarely used nowadays	100	130	150	110	200	/	150
	HL	有防锈和防氧化性的矿物油 Mineral oil with rust prevention and improved antioxydation properties.	很好的流动性, 在低压力的环境下使用 Excellent behavior with water. Used under low pressure.	100	130	150	110	200	/	150
	HM	与HL有同样的物性, 不过有更强的耐磨性。 Same properties as oils HL but with improved anti-wear properties.	通常使用在高压系统中 Commonly used in systems with high pressure	100	130	150	110	200	/	150
	HV	与HM有相同的物性, 不过有更强的黏度和温度特性 Same properties as HM oils but with improved viscosity/temperature properties.	应用于低温环境或温度强烈变化的环境, 在汽车和轮船设备中最常使用 Used in applications with low temperature or with strong temperature variations. Car or maritime equipments. The most used oil.	100	130	150	110	200	/	150
	HG	与HM有相同的物性, 不过有更强的防爬性质 Same properties as oils HM but with antisaccade properties	用于液压件和轴承合用的润滑系统, 低速时震颤必须最小化 For machines whose lubrication circuit is shared between the hydraulic parts and the slide. The vibrations and the jerks at low speed must be minimised.	100	130	150	110	200	/	150
ISO 12922 不易燃液体 Low flammable fluids	HFAE	水油乳状液 (含水量超过95%) Oil in water emulsion (more than 95% water).	用在有高泄漏风险的大型环路中。液压挤压 Used in the large circuits with high leakage risks. Hydraulic presses.	60	60	60	40	60	60	60
	HFAS	水合化学溶液 (含水量超过95%) Aqueous chemical solution (more than 95% water)		60	60	60	40	60	60	60
	HFB	水油乳状液 (含水量超过40%) Oil in water emulsion (more than 40% water).	很少使用 Little used.	60	60	60	40	60	/	60
	HFC	含水量超过35%的聚合水溶液 (polyethylene glycolene or polypropylene glycolene) with more than 35% water.	最常使用。工业上用于最高温度不超过60°C, 一般压力的环路。 The most used. Industrial use in circuits where the maximum temperature does not exceed 60°C and with average pressures.	60	60	60	/	60	/	60
	HFDR	无水合成液体 (含磷酸酯) Synthesis fluid without water (phosphoric esters).	用于高温高压 Use at high temperature and high pressure.	/	/	100	/	100	100	100
	HFDU	无水合成液体 Synthesis fluid.		100	/	100	/	100	/	100
ISO 15380 生物相容性材料 Biocompatible	HETG	植物油 Vegetal oil.	农业和林业 Agriculture and forests.	60	80	80	60	80	/	80
	HEPG	聚乙二醇 Polyglycols.	防水领域 Water protection zone.	60	100	100	60	100	/	100
	HEES	合成酯 Synthetic esters	工程机械 Construction machines.	60	100	100	60	100	/	100
	HEPR	PAO和沥青材料 Polyalphaoléfines and bituminous materials.		60	100	100	60	100	/	100

请向我们查询有关抗化学性能表的更详细信息
Please consult us for more detailed information concerning resistance tables.

2-生产工艺/ Production means

生产设备/Production equipments



?				
640				
530				
250				
105	3台两轴加工中心 3 CNC machines with 2 axes	1台三轴加工中心 1 CNC machines with 3 axes	1台三轴加工中心 1 CNC machines with 3 axes	2台带自动送料的三轴加工中心 2 CNC machines with 3 axes with bar feeder 1台带自动送料的四轴加工中心 1 CNC machines with 4 axes with bar feeder 2台带自动送料的两轴加工中心 2 CNC machines with 2 axes with bar feeder
	PTFE, 塑料和橡胶的单件和小批量产品 Single part and small series in PTFE, plastics and rubber			PTFE和塑料的大批量产品 Large series in PTFE and plastics.

我们配备了激光焊接机器能够焊接任何种类的弹簧。
 We are equipped with a laser bounding machine for any kind of spring.

我们配备了导向带切割机。
 We are equipped with a guiding tape cutting machine.

最后，我们能实现对密封环进行径直，倾斜或穿刺等切割手段。
 Lastly, we ensure any right, oblique or bayonet cut on rings.



材料仓库/ Material stock

成品/Finishing

我们所有的机加工部件都手工去除毛刺，我们的石磨设备能提供最优质的成品表面处理。

我们还可以对部件进行激光雕刻（生产日期，商标，批号）

All our machined parts are manually deflashed. Our abrasive stones equipment allows us to offer excellent surface finish.

We can engrave any part (with production date, logo, batch number) on laser.

质量控制/Controls

我们的车间配备有以下设备：

Our workshop is with following machines equipped:

1. 标准投影机/ Standard projector.
2. 微电脑投影机/ Computerized projector.



我们的技术部门装备有以下检测仪器：

Our technical department is with following machines equipped:

1. 3D测量仪/ 3D measurement
2. 硬度计/durometer
3. 粗糙度测量计/ Roughness meter
4. TGA和DSC/ TGA and DSC
5. 拉伸强度测量仪/ machine traction

依靠我们的光学检测仪，我们可以对您的部件提供100%的质量控制（随设计和尺寸而定）

We can propose a 100% control of your part with our optical sorting machines (depending on profiles and dimensions).

产品包装/Packaging

所有产品都会包装好以保证运输途中无损坏。

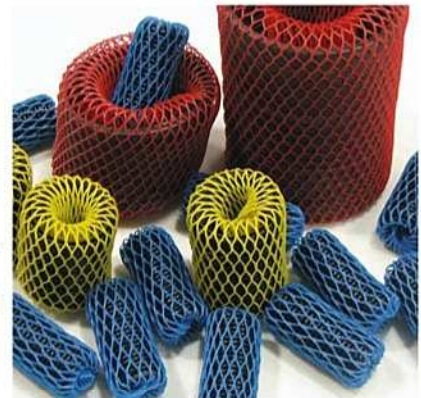
我们也可以根据要求进行特殊包装。

如有要求，可在我们的无尘车间（等级100.000）清洗和包装您的产品。

Parts are packed to ensure their protection during transportation.

We are also open to any special packaging request.

We can wash and pack your parts in our clean room class 100.000 on request.



新/
New

涂层/Coating

我们对机加工部件提供涂层处理以提高它们的性能，详情请向我们咨询！

We offer coating treatments on machined parts to improve their performance: ask us about it !

3-设计和选材/profile and materials

我们可以依据您的设计图纸或者样品提供报价单。

We can propose a quotation based on your drawing or sample.

TECHNE可以为您的产品的设计和选材进行技术支持。

TECHNE brings you technical assistance to define your profile and material.

请提供以下必要参数：

Following elements are necessary:

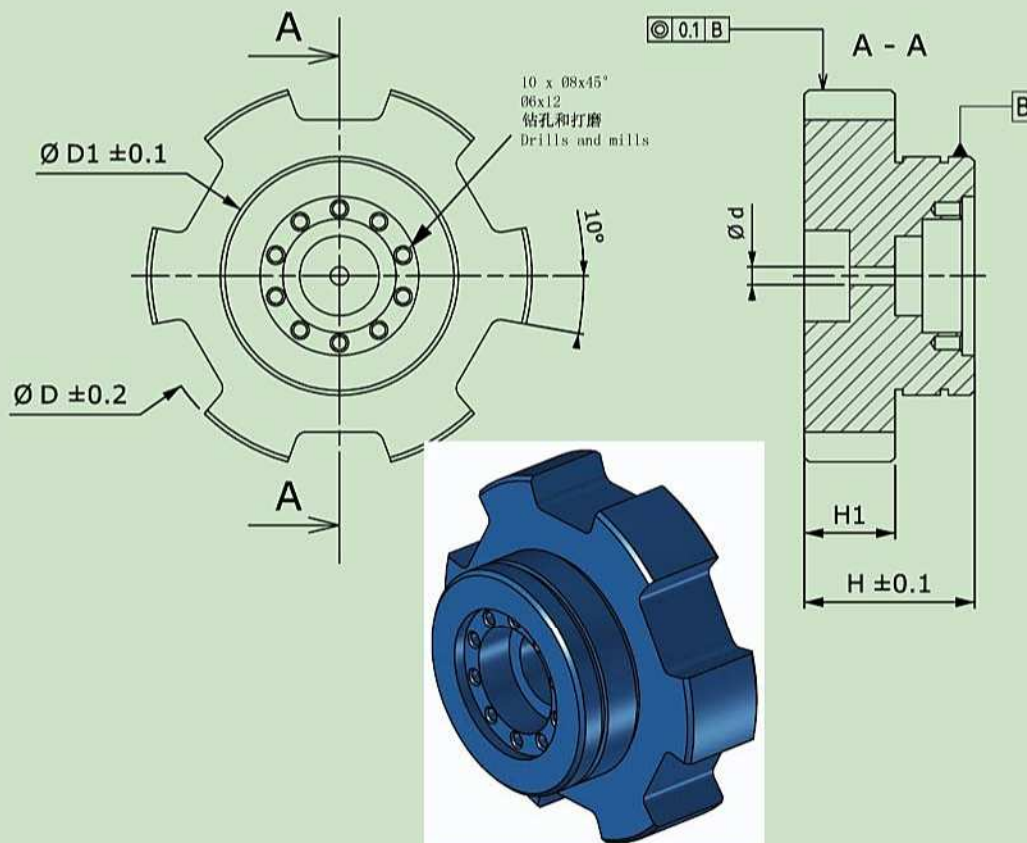
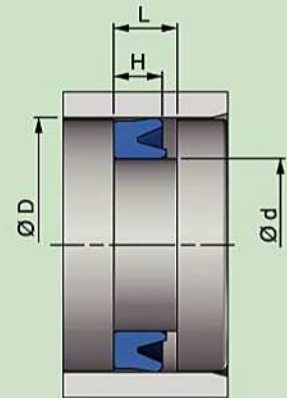
- o 沟槽尺寸（如是密封件尺寸，另请注明！）
Housing dimensions (or seal dimension : in this case, please specify !)
- o 温度/ Temperature
- o 速度/ Speed
- o 压力/ Pressure
- o 接触的液体/ Fluids in contact
- o 特殊情况/ Particular conditions

我们的产品目录给出一些速度，压力和温度值。

这些数值均表示最大值，不能同时满足。

Our catalogue gives some values for speed, pressure and temperature.

They are indicative maximum values and cannot be combined.



4-防尘圈/Wipers

使用/ USE

设计用于往复直线运动

Designs used in alternative linear motions.

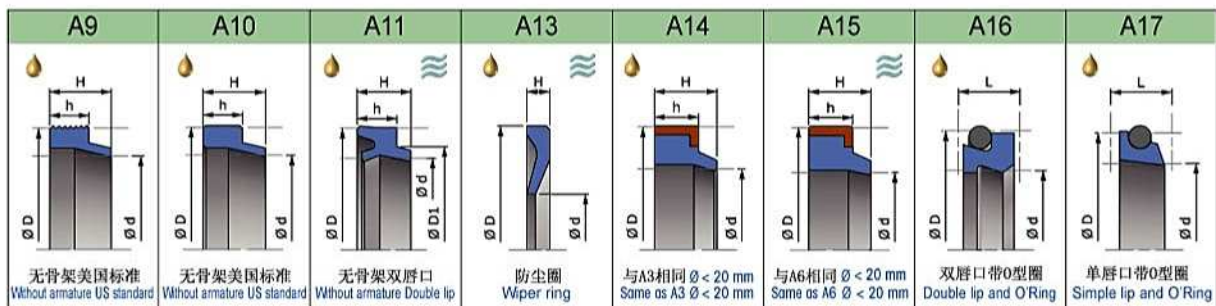
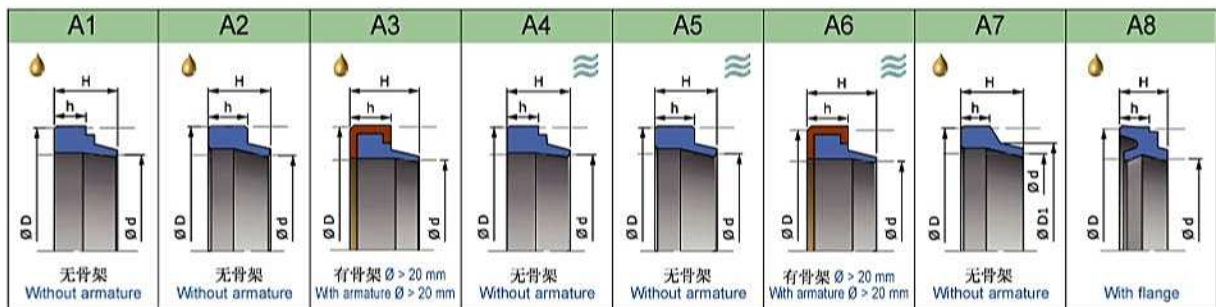
选材/MATERIAL CHOICE

	PU	FKM	NBR	EPDM	SILICONE	PTFE	FILLED PTFE
唇口/ Lip							
图样/ Design	A1 → A15 除了A13 except A13					A16 & A17	
速度/Speed	→ 4 m/s					→ 4 m/s	

	POM	PA	PTFE	FILLED PTFE
金属骨架 &A13/ Armature & A13	→ 1 m/s			
	→ 4 m/s			

某些特殊应用，可以使用其它材料 (PE, PEEK, HNBR...).

For some special applications, it is possible to use other materials (PE, PEEK, HNBR...).



其它的设计图样请向我们咨询/Other profiles on request

5-活塞和活塞杆密封件 Piston & rod seals

选材/Material choice

用于往复直线运动的设计
Designs used in alternative linear motions.

	PU	FKM	NBR	EPDM	SILICONE	PTFE	FILLED PTFE
U							
图样 Designs	所有除了 All except					S19, S 19S, K 19 K 19 S	
速度 Speed(m/s)	→ 0,5 m/s					→ 4 m/s	
压力 Pressure (bar)	→ 400	→ 160				→ 400	

配套橡胶O形密封圈/Elastomer O'ring.
配套POM或者PA挡圈/POM or PA anti-extrusion ring.

合成密封件/COMPOSITE SEALS

橡胶O型圈或者PTFE填充密封圈。
某些情况下，密封圈可以用PU, PE, PEEK, PA, POM等材质生产。
Elastomer O'ring or expander PTFE or filled PTFE ring.
In some cases, the ring can be made in PU, PE, PEEK, PA, POM...

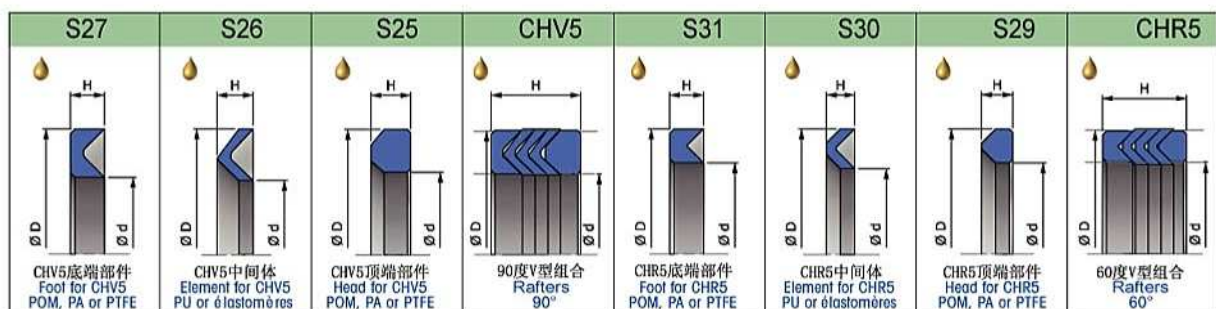
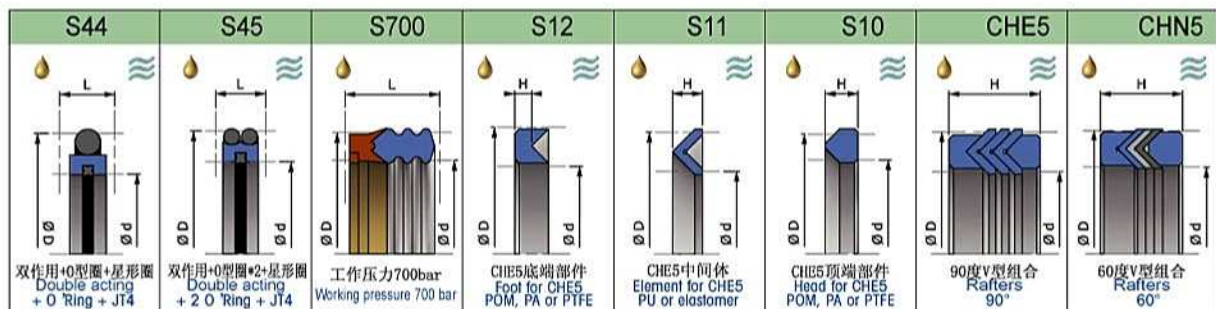
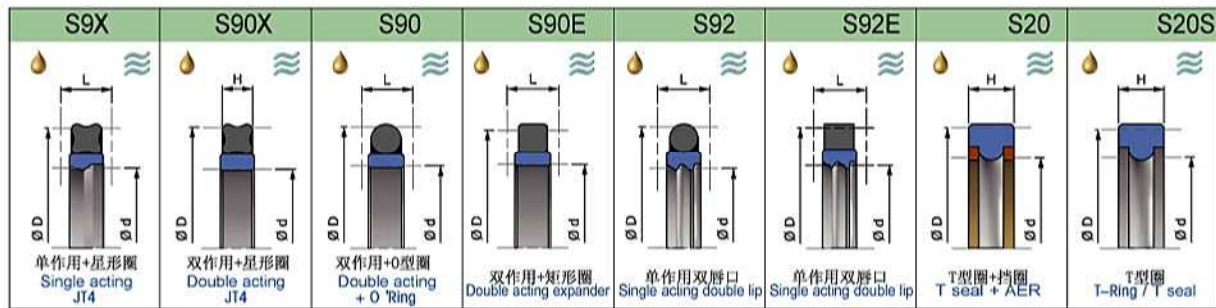
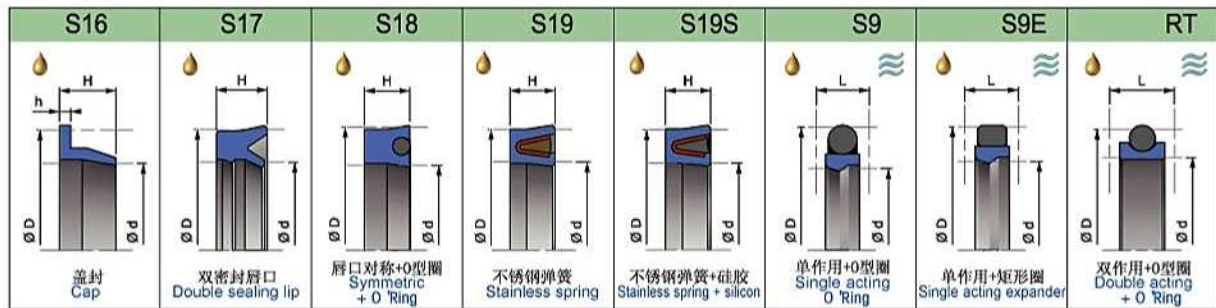
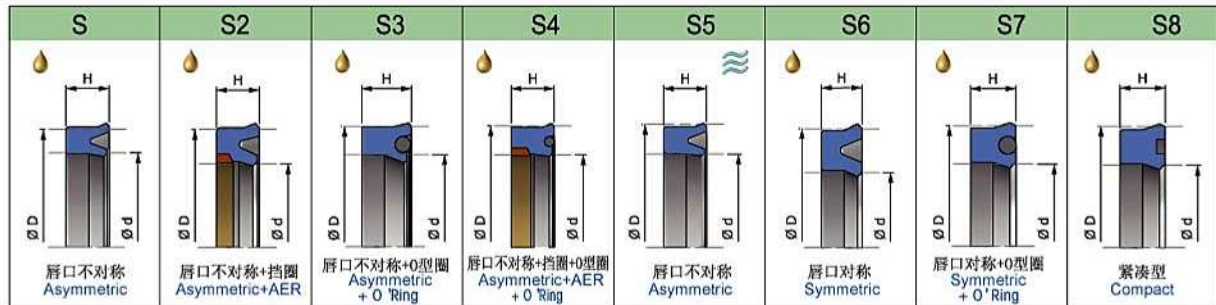
V型组合/RAFTERS

	PU	FKM	NBR	HNBR	EPDM	SILICONE	PTFE	FILLED PTFE
中间体 Intermediate elements								
两端 Head & foot	POM, PA, PTFE						PTFE, POM, PA	
图样 Designs	CHE5, CHN5 (活塞杆或活塞/Rod or piston)*						CHV5, CHR5	
速度 Speed (m/s)	→ 0,5 m/s						→ 4 m/s	
压力 Pressure (bar)	→ 400				→ 160		→ 400	

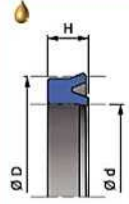
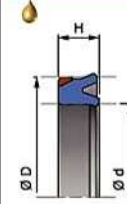
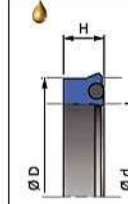
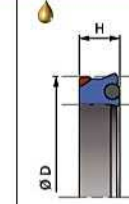
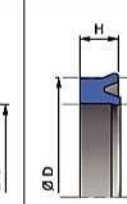
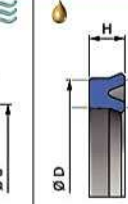
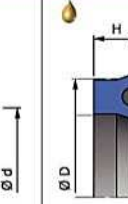
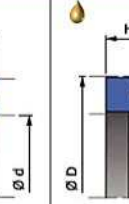
*5是组合数：有可能有其他的组合数
5 is the number of elements : it is possible to have any number of elements.

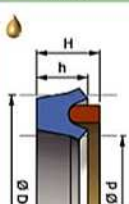
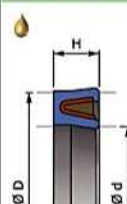
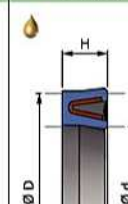
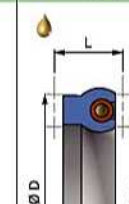
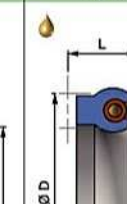
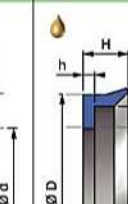
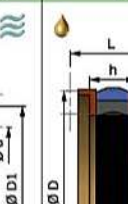
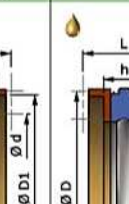
其它的设计图样请向我们咨询/Other profiles on request

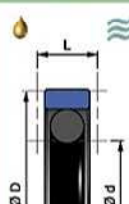
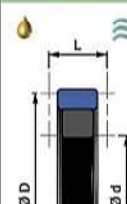
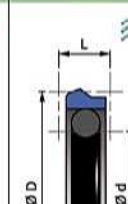
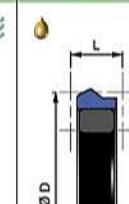
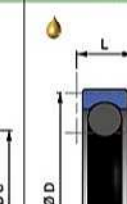
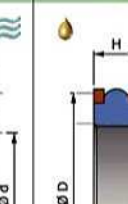
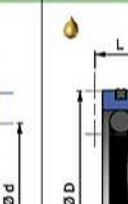
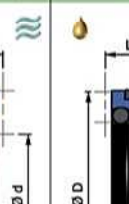
活塞杆密封件-截面形式 Rod seals - Designs

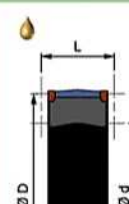
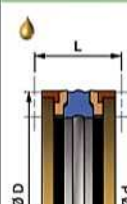
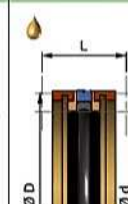
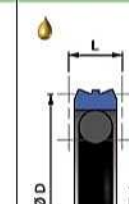
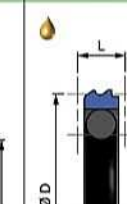
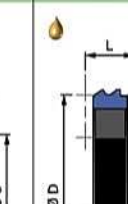


活塞密封件-截面形式 Piston seals - Designs

 <p>唇口不对称 Asymmetric</p>	 <p>唇口不对称+挡圈 Asymmetric + AER</p>	 <p>唇口不对称+O型圈 Asymmetric + O Ring</p>	 <p>唇口不对称+挡圈+O型圈 Asymmetric + AER + O Ring</p>	 <p>唇口不对称 Asymmetric</p>	 <p>唇口对称 Symmetric</p>	 <p>唇口对称+O型圈 Symmetric + O Ring</p>	 <p>唇口对称+O型圈 Symmetric + O Ring</p>
---	--	--	---	---	--	--	--

 <p>唇口对称+固定环 Symmetrisch + limiter</p>	 <p>内嵌不锈钢弹簧 Stainless spring</p>	 <p>不锈钢弹簧+硅胶 Stainless spring and silicon</p>	 <p>圆形不锈钢弹簧 Round stainless spring. Also exists in rod.</p>	 <p>圆形不锈钢弹簧+硅胶 Round stainless spring + silicon. Also exists in rod+silicon</p>	 <p>配金属板 Plate</p>	 <p>JP4</p>	 <p>JP3</p>
--	--	---	---	---	---	---	---

 <p>双作用+O型圈 Double acting + O Ring</p>	 <p>双作用+矩形圈 Double acting expander</p>	 <p>单作用+O型圈 Single acting O Ring</p>	 <p>单作用+矩形圈 Single acting expander</p>	 <p>双作用, 空间缩小 Double acting, reduce spaces</p>	 <p>T型圈+挡圈 T seal + AER</p>	 <p>双作用+O型圈+星形圈 Double acting + O Ring + JT4</p>	 <p>双作用+O型圈*2+星形圈 Double acting + 2 O Ring + JT4</p>
---	---	---	---	---	---	---	---

 <p>JP4</p>	 <p>JP5</p>	 <p>JP6000</p>	 <p>单作用 Single acting</p>	 <p>单作用双唇口 Single acting double lip</p>	 <p>单作用双唇口 Single acting double lip</p>
--	--	---	--	--	---

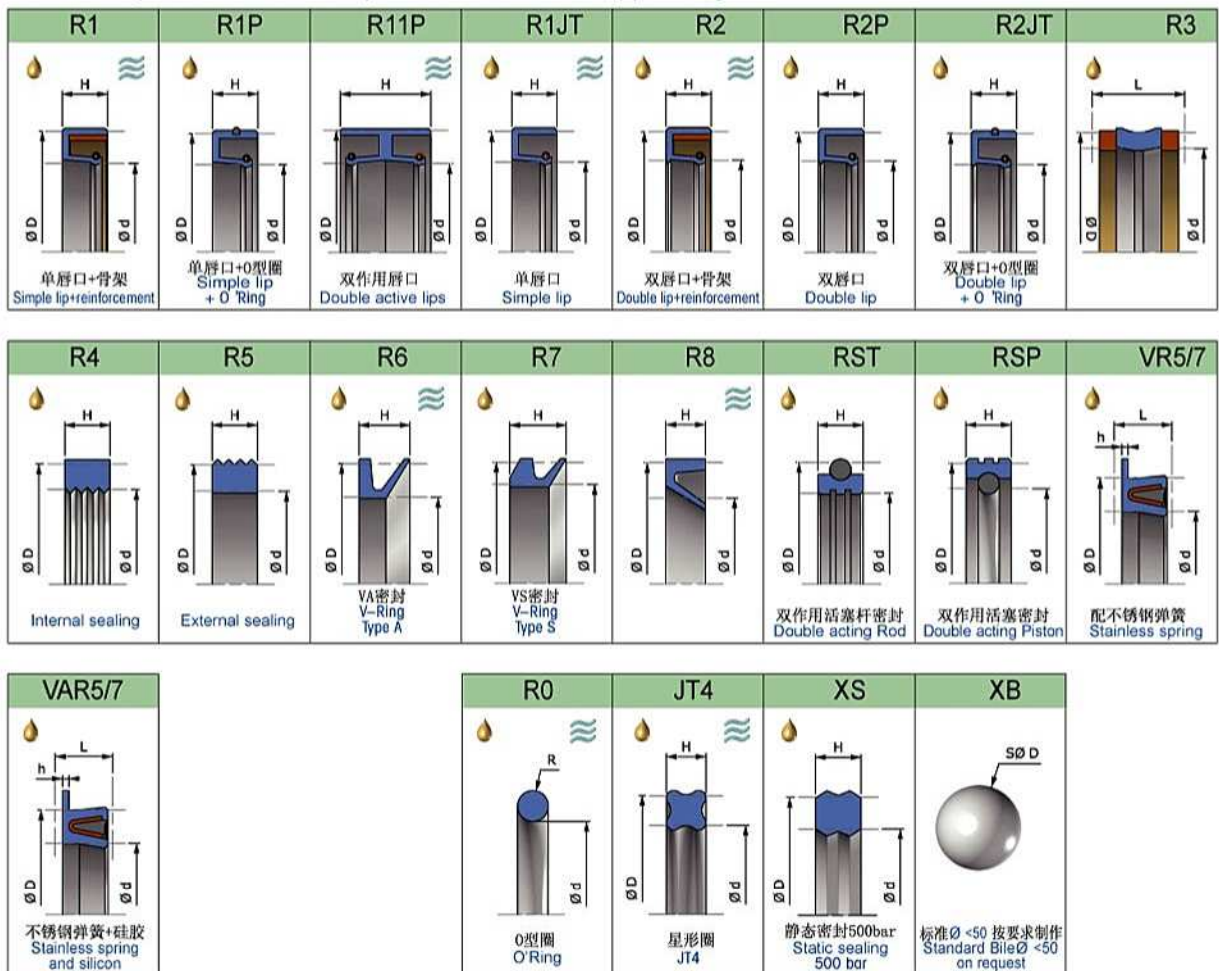
其它的设计图样请向我们咨询/Other profiles on request

6-旋转和静态密封件 Rotary and static sealing

用于旋转和静态应用的设计/
Designs used in rotary or static applications.

材料 MATERIAL	R0	R1	R1P	R1JT	R11P	R2	R2P	R2JT	R3	R4	R5	RST	RSP	VR5/ 7	VAR5/ 7		
PU	600 bar	5 m/s – 0,5 bar							0,2 m/s 400 bar	0,2 m/s 400 bar							
FKM	100 bar (400 BAE)	15 m/s – 0,5 bar							0,2 m/s 250 bar	0,2 m/s 160 bar							
NBR		10 m/s – 0,5 bar															
HNBR		5 m/s – 0,5 bar															
EPMD		9 m/s – 1 bar										0,5 m/s 160 bar	2 m/s 300 bar	0,5 m/s 150 bar			
MVQ												0,5 m/s 250 bar					
PTFE																	
Filled PTFE																	

不能同时应用于最高速度和最大压力。
Maximum speed and maximum pressure shall not be applied together.

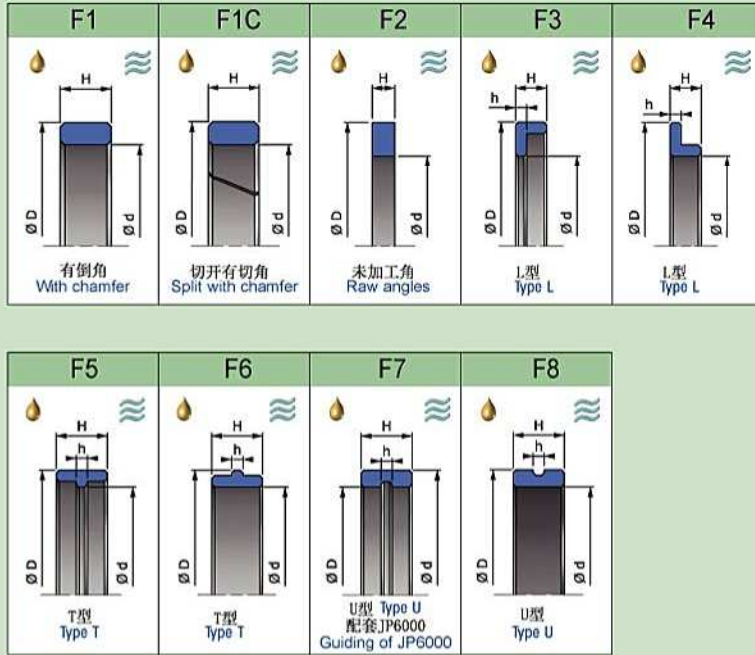


其它的设计图样请向我们咨询/Other profiles on request

7-导向环/ Guiding rings

F设计用于传动和旋转运动

F designs are used in translation and rotation motions.

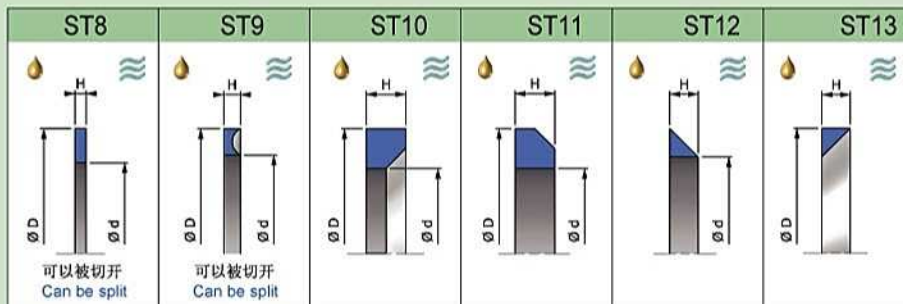


挡圈/Anti-extrusion rings (AER)

ST设计用于防止橡胶部件在高压下被挤出。

ST designs are used to avoid the extrusion of elastomer parts under high pressure.

POM	PA	PTFE	FILLED PTFE	PU
-----	----	------	-------------	----



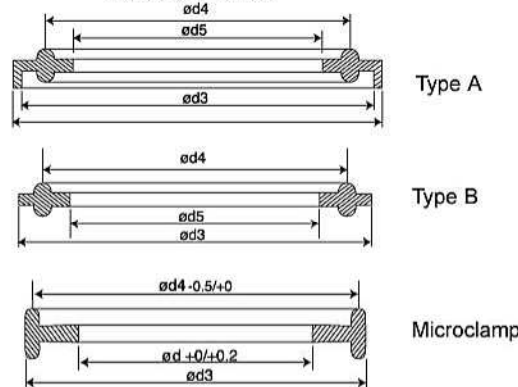
其它的设计图样请向我们咨询/Other profiles on request

8-卫生级密封件/Aseptic seals

我们的库存中保有所有标准尺寸的密封件，同样，我们也可以按您的要求加工任何特殊尺寸。
We have all standard sizes on stock. We machine any special size.



卡箍及法兰垫片



尺寸/Dimensions

SMS (ISO 2652) xxxx Techné code			
DN	xxxx	Clampstuetzen ferule	Verpackung packaging
12	0012	34	25
12,7	0127	34	25
17,2	0172	34	25
21,3	0213	34	25
25	0025	50,5	10
33,7	0337	50,5	10
38	0038	50,5	10
40	0040	64	10
51	0051	64	10
63,5	0063	77,5	10
70	0070	91	10
76,1	0076	91	10
88,9	0889	106	10
101,6	1016	119	10
104	0104	119	10
114,3	1143	130	10
135,7	1397	155	10
168,3	1683	183	10
219	2191	233,5	10

DIN 32676 xxxx Techné code			
DN	xxxx	Clampstuetzen ferule	Verpackung packaging
10	0010	34	25
15	0015	34	25
20	0020	34	25
25	0025	50,5	10
32	0032	50,5	10
40	0040	50,5	10
50	0050	64	10
65	0065	91	10
80	0080	106	10
100	0100	119	10
115	0115	130	10
125	0125	155	10
150	0150	183	10
200	0200	233,5	10
250	0250	268	10
300	0300	319	10

ISO 1127 xxxx Techné code			
DN	xxxx	Clampstuetzen ferule	Verpackung packaging
4 micro	0400	25	50
6 micro	0600	25	50
8 micro	0800	25	50
9 micro	0090	25	50
10 micro	1050	25	50
15 micro	1500	25	50
18 micro	1800	25	50
8 mini	0008	34	25
9 mini	0009	34	25
10 mini	0010	34	25
15 mini	0015	34	25
8	8000	50,	10
10	1050	50,5	10
15	1550	50,5	10
20	0020	50,5	10
25	0025	50,5	10
32	0032	50,5	10
32	3264	64	10
40	0040	64	10
50	0050	77,5	10
65	0065	91	10
76	0076	91	10
80	0080	106	10
100	0100	130	10
125	0125	155	10
150	0150	183	10
200	0200	233,5	10

BS4825 / USOD Cote inches xxxx - Techné code			
DN	xxxx	Clampstuetzen ferule	Verpackung packaging
1/2"	0012	22	10
3/4"	0075	22	10
1"	0001	50,5	10
1 1/2"	0025	50,5	10
2"	0002	64	10
2 1/2"	0025	77,5	10
3"	0003	91	10
3 1/2"	0035	106	10
4"	0004	119	10
4 1/2"	0045	130	10
5"	0005	144	10
5 1/2"	0055	155	10
6"	0006	167	10
6 5/8"	0066	183	10
8"	0008	217,4	10
8 5/8"	0086	233,5	10
10"	0010	268	10
10 5/8"	0106	286,1	10
12"	0012	319	10
12 5/8"	0126	338	10

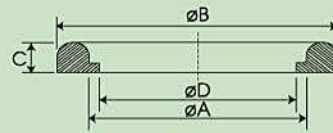
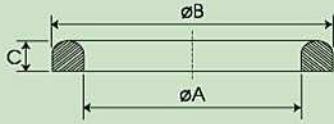
如需其它尺寸请与我们联系！
如需修改，请告知：
-DN+标准
-内径 外径

For informations please contact us.
To identify clamps, let us know
• DN + Standard
• Ø inside Ø outside



D-Rings D型圈

DIN 11851



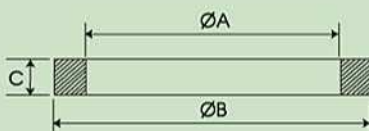
19.2b2d.xxxx				
DN	ØA	ØB	C	xxxx
10	12	20	4.5	0010
15	18	26	4.5	0015
20	23	33	4.5	0020
25	30	40	5	0025
32	36	46	5	0032
40	42	52	5	0040
50	54	64	5	0050
50H	54	64	8	0508
65	71	81	5	0065
65H	71	81	8	0658
80	85	95	5	0080
80H	85	95	8	0808
100	104	114	6	0100
100H	104	114	8	1008
125	130	142	7	0125
150	155	167	7	0150
150H	155	167	8	1508

19.6b2d.xxxx					
DN	ØA	ØB	C	ØD	xxxx
10	12	20	5	10.5	0010
15	18	26	5	16.5	0015
20	23	33	5	20.5	0020
25	30	40	5	26.5	0025
25H	30	40	6	26.5	0250
32	36	46	6	32.5	0032
40	42	52	6	38.8	0040
50	54	64	6	50.5	0050
65	71	81	6	66.5	0065
80	85	95	6	81.5	0080
100	104	114	6	100.5	0100
125	130	142	7	125	0125
150	155	167	7	150	0150

包装/ Packaging

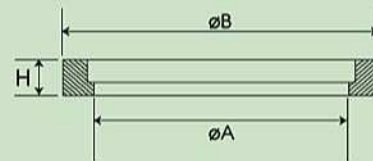
Ø ≤ 25	50
26 ≤ Ø ≤ 49	25
Ø > 50	10

SMS



19.4b2d.xxxx				
DN	ØA	ØB	xxxx	Verpackung Packaging
25	25	32	0025	50
32	32	40	0032	25
38	38	48	0038	25
51	51	61	0051	10
63.5	63.5	73.5	0063	10
76	76	86	0076	10
89	89	101	0089	10
108	108	120	0108	10

SMS L



19.3b3d.xxxx					
DN	ØA	ØB	H	xxxx	Verpackung Packaging
25	22.6	31.6	5.4	0025	50
38	35.5	47.5	5.6	0038	25
51	48.6	60.6	5.6	0051	10
63	60.6	73	5.6	0063	10
76	73.1	85.5	5.6	0076	10
104	99.8	115	5.6	0104	10

其它的设计图样请向我们咨询/Other profiles on request

9-密封件截面图集/ Profiles summary

A1	A2	A3	A4	A5	A6	A7	A8	A9	
A10	A11	A13	A14	A15	A16	A17	S1	S2	
S3	S4	S5	S6	S7	S8	S9	S9E	S9X	
S10	S11	S12	S16	S17	S18	S19	S19S	S20	
S20S	S44	S45	S90	S90E	S90X	S92	S92E	S700	
CHE5	CHN5	CHV5	CHR5	K1	K2	K3	K4	K5	
K6	K7	K8	K8E	K8X	K9	K10 K11 K12	K13 K14 K15	K16	
K17	K18	K19	K19S	K20	K22	K23	K24	K25	
K30	K30S	K50	K60	K70	K80	K80E	K80X	K82	
RP	K82E	R0	R1	R1JT	R1P	R11P	R2	R2JT	
R2P	R3	R4	R5	R6	R7	R8	RST	RSP	
VR 5/7	VAR 5/7	F1	Geschlitzte/Split F1	F2	F3	F4	F5	F6	
F7	F8	ST8	ST9	ST10	ST11	ST12	ST13	XS	
XB	JT4	A: 防尘圈/Wipers			CH: V型组合/Rafters		F: 导向环/Guiding		
		R: 旋转密封件/Rotary seal			S: 活塞杆密封件/Rod seal		K: 活塞密封件/Piston seal		
		ST: 挡圈/AER			X: 特殊设计/Special profile				

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Techné's
informations



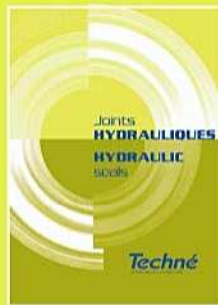
表面处理
Surface treatments



旋转密封件
Rotary sealing



橡胶密封件
Rubber sealing



液压密封件
Hydraulic Seals



卡箍及垫片
Gaskets



卫生级密封件
Aseptic seals



轴承
Bushes



烧结轴承
Sinterbushes

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