

770-772系列和803-804系列喷嘴 SCHLICK Series 770-772 and 803-804



Mod. 770-772, 803-804

压力式喷嘴/空心锥喷嘴/文丘里喷嘴
Pressure Nozzles / Hollow-Cone / Injector

如有技术变更,恕不另行通知。

SCHLICK 混合喷嘴

为雾化解决方案而生

SCHLICK混合喷嘴应用广泛, 雾化一致性好

The SCHLICK mixing nozzles allow diverse application options and ensure reproducible results

极为实用的设计: 喷嘴尾部可选螺纹设计, 方便安装到法兰或容器壁上

Functional SCHLICK design: Also available with a rear screw thread for easy fitting into a flange or container wall

喷嘴设计可根据客户实际应用进行调整, 以获得最佳的雾化效果

Optimal spray results through individual adjustment to the requirements of each application

材质

- 耐酸不锈钢
- 耐高温不锈钢
- 黄铜
- 哈氏合金
- 聚四氟乙烯
- 聚氯乙烯
- 钽合金
- 钛合金
- 其他客户指定材料

Materials

- Acid resistant stainless steel
- Heat resistant stainless steel
- Brass
- Hastelloy
- PTFE
- PVC
- Tantalum
- Titanium
- Custom materials available on request

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Three-/Four-
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多喷头技术
Multispray

喷射杆
Insertion Pipes

喷嘴头
Nozzle Heads

实心锥喷嘴
Full Cone Nozzles

空心锥喷嘴
Hollow Cone Nozzles

硬质合金喷嘴
Carbide Nozzles

扁平喷嘴
Flat Spray Nozzles

喷射喷嘴
Smooth-Jet Nozzles

Mischdüsen
Mixing Nozzles

拉瓦尔喷嘴
Laval Nozzles

清洗喷嘴
Cleaning Nozzles

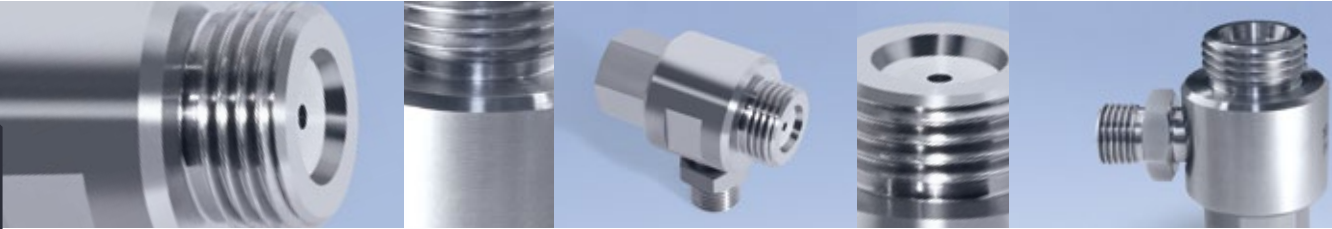
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品种多应用广—包括内混型和外混型的各种定制解决方案

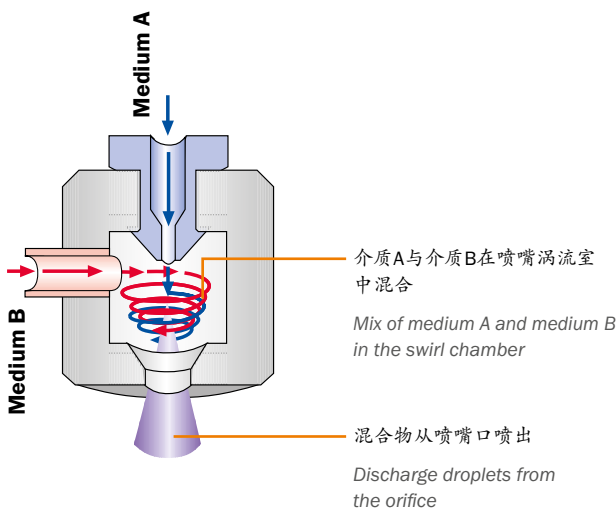
SCHLICK混合喷嘴用于两种介质的混合(如液体和液体、液体和气体或蒸汽等)。混合喷嘴分为两大类:文丘里喷嘴和压力式混合喷嘴。

SCHLICK压力混合喷嘴又分内混型和外混型两种。

内混型喷嘴770系列,两种介质在喷嘴内涡流室混合,混合物以空心锥形式从喷嘴口喷出。

外混型喷嘴772系列,两种介质离开喷嘴口才混合(两个空心锥交会时混合)。

内混型喷嘴工作原理(以770系列为例)
Principle of internal mix (SCHLICK model 770)



Multitalented – individual solutions through internal and external mixing

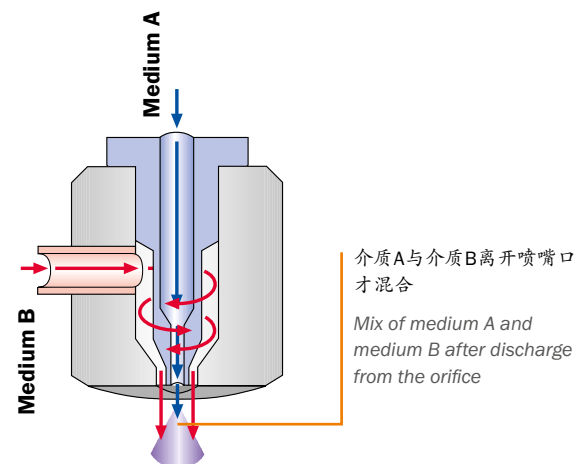
SCHLICK mixing nozzles allow the mixing of two media (e.g. liquid or liquid and gas/steam). Mixing nozzles are divided into two categories: injector nozzles and pressure mixing nozzles.

SCHLICK pressure mixing nozzles can work using both the principle of external mixing as well as internal mixing.

With internal mixing (SCHLICK model 770) both media are mixed in one mixing chamber. The mixture leaves the nozzle exit as a hollow cone.

With external mixing (SCHLICK model 772) both media only meet after leaving the nozzle exit. Mixing then takes place as the two hollow cones spray into each other.

外混型喷嘴工作原理(以772系列为例)
Principle of external mix (SCHLICK model 772)

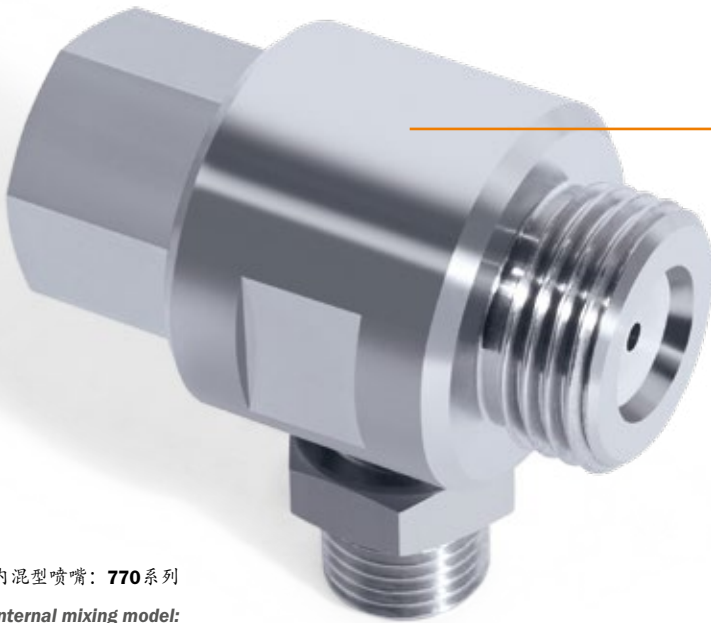


创新性产品设计造就了完美的雾化效果:

- 既有内混型喷嘴又有外混型喷嘴
- 尺寸和性能可根据客户要求定制
- 应用范围非常广泛
- 终身售后服务保障
- 免费产品设计和技术支持

Innovative product design for perfect spraying:

- Internal and external mixing models
- Individual performance data and dimensions available on request
- Very wide range of applications
- Long-term after-sales warranty
- Engineering free of charge










内混型喷嘴: 770系列

Internal mixing model:
SCHLICK model 770

内混和外混型混合喷嘴都可以根据实际应用调整设计, 包括尺寸和性能参数等, 喷嘴安装推荐采用喷杆或者尾部螺纹等方式。

Internal and external mixing SCHLICK mixing nozzles are especially adapted to the relevant application. Individual dimensions and performance data. Lance versions or systems with a rear screw fitting are recommended.

	雾化形状:	空心锥
	雾化角度:	30° - 90°
	处理量:	可根据实际应用调整
	常规孔径:	0,3 mm - 15 mm

	Spray pattern:	circular hollow-cone
	Spray angle:	30° - 90°
	Capacity:	individually adjusted according to the particular application
	Standard orifices:	0.3 mm - 15 mm

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喷嘴杆
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Carbide Nozzles

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喷射喷嘴
Smooth-Jet Nozzles

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803-804系列喷嘴 SCHLICK Series 803-804



定制化—精准的文丘里喷嘴

SCHLICK混合喷嘴用于两种介质的混合(如液体和液体、液体和气体或蒸汽等)。混合喷嘴分为两大类:文丘里喷嘴和压力混合喷嘴。

此类喷嘴工作原理类似文丘里管原理。

第一种介质起到推进剂的作用,利用文丘里管原理形成负压,使得另外一种介质被吸进喷嘴,两种介质在喷嘴内混合后,喷射出喷嘴。

Individuality - Precise solutions using injection

SCHLICK mixing nozzles allow the mixing of two media (e.g. liquid or liquid and gas/steam). Mixing nozzles are divided into two categories: injector nozzles and pressure mixing nozzles.

The principle of the SCHLICK injector nozzles emulates the Venturi principle.

The mixing takes place inside the nozzle to allow the medium to function as a propellant and the second medium is sucked into the mixing chamber. Both media leave the injector combined as one mixture.



804系列文丘里喷嘴,第一种介质从左面通过喷嘴中心,形成负压,使得另外一种介质通过从喷嘴下端接口被吸进喷嘴,两种介质在喷嘴内混合。

The model 804 SCHLICK injector nozzle with a central attachment for the propellant. Another attachment on the side is available for the second medium. The mixing of the media takes place inside the nozzle.

创新性产品设计造就了完美的雾化效果:

- 两种介质在喷嘴内部混合
- 可根据实际应用调整喷嘴设计
- 拆装极其简单
- 应用范围非常广泛
- 终身售后服务保障
- 免费产品设计和技术支持

Innovative product design for perfect spraying:

- A mixture of two media inside the nozzle
- Individual adaptation to the relevant application
- Extremely easy installation/de-installation
- Very wide range of applications
- Long-term after-sales warranty
- Engineering free of charge



雾化形状: 视实际应用



雾化角度: 大致30° (视实际应用)



处理量: 可根据实际应用调整



常规孔径: 0.3 mm - 30 mm

Spray pattern: dependent on application



Spray angle: approx. 30° (dependent on application)



Capacity: individually adjusted according to the particular application



Standard orifices: 0.3 mm - 30 mm

803系列文丘里喷嘴,也是第一种介质通过喷嘴中心,形成负压,第二种介质通过四周的孔被吸进喷嘴,两种介质在喷嘴内混合后,喷射出喷嘴。

The SCHLICK injector nozzle model 803 also has a central attachment for the propellant. The second medium is however aspirated from the surroundings through several bore holes. Both media leave the nozzle combined as one mixture.

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应用

- 液体充气
- 加热
- 气液混合
- 两种液体混合

Applications

- Aerating liquids
- Heating processes
- Mixing liquids and gas/steam
- Mixing two liquids



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770-772和802-803系列喷嘴具体技术参数

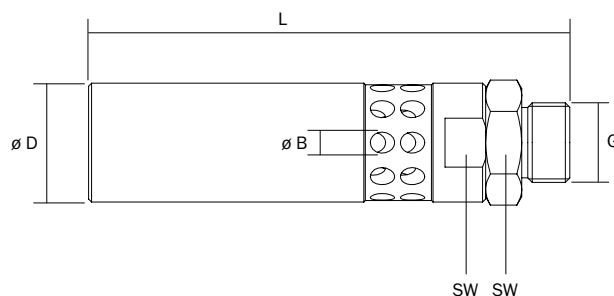
Technical Details SCHLICK Series 770-772 and 802-803



803系列喷嘴尺寸

Dimensions of model 803

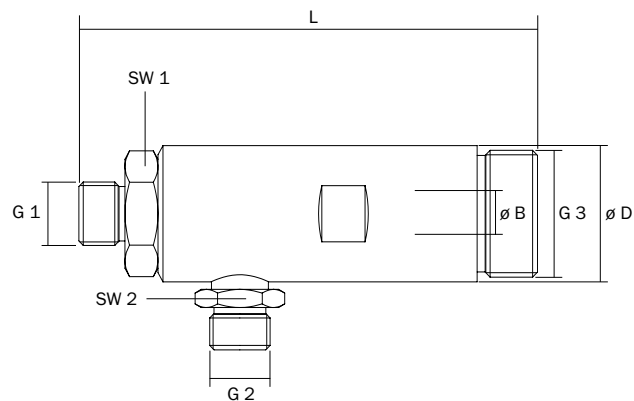
Größe Size	1	2	3	4
螺纹规格 (英制) Connector ISO 228 G	1/4 - 3/8	3/8 - 1/2	1/2 - 3/4	1 - 1 1/4
总长H (mm) Total length L in mm	60	110	160	185
直径D (mm) Diameter D in mm	21,0	29,5	39,5	54,0
扳手开口尺寸 (mm) Spanner size SW in mm	22	27	36	50
直径B (mm) Diameter B in mm	bis 3	bis 5	bis 9	bis 13



804系列喷嘴尺寸

Dimensions of model 804

Größe Size	1	2	3	4
螺纹规格 (英制)1 Connector ISO 228 G 1	1/4 - 3/8	3/8 - 1/2	1/2 - 3/4	1 - 1 1/4
螺纹规格 (英制)2 Connector ISO 228 G 2	1/4	3/8	1/2	3/4
螺纹规格 (英制)3 Connector ISO 228 G 3	1	1	1	1
总长H (mm) Total length L in mm	60	110	160	185
直径D (mm) Diameter D in mm	30	35	45	60
扳手开口尺寸 (mm)1 Spanner size SW 1 in mm	22	27	36	55
扳手开口尺寸 (mm)2 Spanner size SW 2 in mm	17	22	27	32
直径B (mm) Diameter B in mm	bis 3	bis 5	bis 9	bis 15



SCHLICK 雾化技术— 为雾化解决方案而生。

神奇的SCHLICK 雾化技术
Clever SCHLICK technology

从设备设计规划到实际批量生产,
Schlick都能提供完美解决方案。

SCHLICK know-how – from planning
to installation. We would be delighted
to assist in the optimisation of your
technical and operational results.

770/772系列喷嘴尺寸

Dimensions of model 770/772

尺寸可根据客户要求设计
喷嘴设计按客户实际应用场景调整。
喷嘴安装推荐采用喷杆或者头部螺纹等方式。

Dimensions available on request.

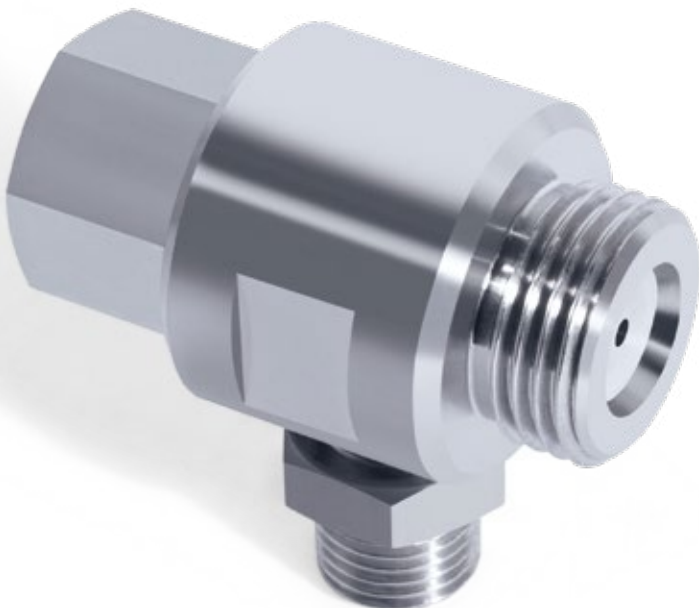
Individual adaptation to the actual application.
Preferred installations are lance versions or designs
with front end threads.

770/772和803/804系列喷嘴尺寸

Dimensions of model 770/772 and 803/804

如需现有定制的压力式混合喷嘴和文丘里喷嘴的流量等数据,
请联系我们。

Injector or pressure-mix nozzles are specially designed for the
application at hand. Flow rate data are available on request.



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