



藥液配管新革命

Lead to new stage of the innovative connection technology
for chemical piping system market

Nano Link

 *Nano Link System*



Nano Link System

Nano Link System

技術改變未來

New Technology will be able to change for better tomorrow

革命性的設計,具優越安全性的連結構造
實現爾後必要的省空間化,集中化的時代

Innovative design, new connecting technology excellent in safety
New generation tool requires Compact and Integrated function

新世代藥液配管 = Nano Link System

New generation chemical piping system "Nano Link System"



品列表 Product family and the shape

名稱 description	形狀 Type	名稱 description	形狀 Type	名稱 description	形狀 Type	名稱 description	形狀 Type	名稱 description	形狀 Type		
	Straight	US		Adapter Tee Type A	AT		Male Connector	MC		Flange adapter	FA
	Elbow	UE		Adapter Tee Type B	AT		Male Elbow	ME		Panel Mount	PM
	Tee	UT		Adapter Tee Type C	AT		Reducing Straight	US		Cap	CP
	Adapter Straight	AS		Adapter Tee Type D	AT		Reducing Elbow	UE		Clamp	CL
	Adapter Elbow	AE		Tube Single End	TSS		Reducing Tee Type A / Type B / Type C	UT		Seal Ring	SR

Nano Link所實現的優勢

Features of Nano Link System

1 簡單的接續 Quick and Easy Setting
只需使用clamp夾住seal ring
Just Clamp Seal Ring between Flanges

螺絲構造
Thread

Clamp
構造
Clamp

2 安全性 Safety
特殊seal構造,可確保seal最佳狀態
Seal Ring supports excellent in safety

鎖附作業
Tightening

不要
No needs

3 尺寸 Size
inch 和mm共通化
Reduce many tube size

舊式、
1/2"×3/8"
12×10

N10

4 省空間化 Compact and Integration
直接連接可大幅減少TUBE之使用量
Direct joint by Nano Link System

舊有品
Current

40%
減少
Reduce 40%

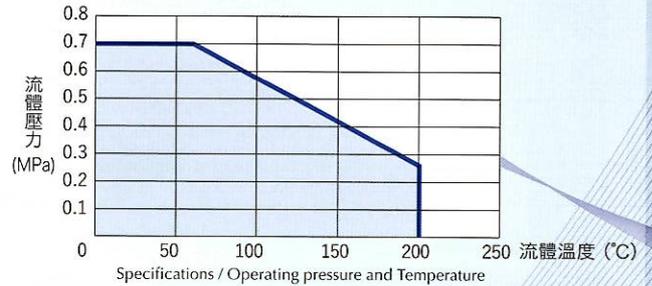
在任何條件下都能發揮最佳性能

Specification

最高使用溫度
Max. Temp.
200°C

最高使用壓力
Max. Operating Pressure
0.7MPa
*參考曲線圖

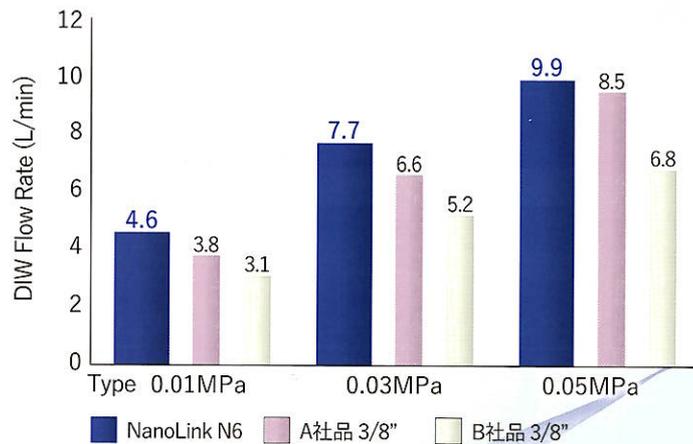
使用流體
liquid



減少壓力損失、確保流量安定

Stable flow rate by lower differential pressure

Flow Rate (DIW) at each inlet pressure

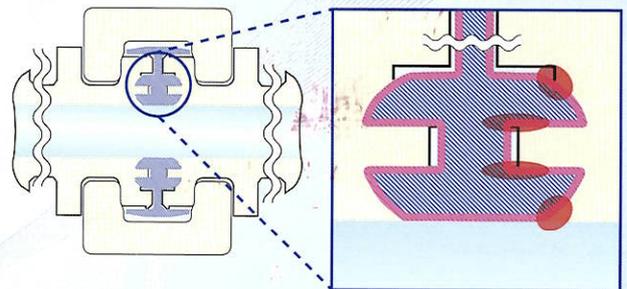


獨特之seal構造

Seal Ring Structure

seal面之面壓解析

Seal Pressure Analysis



4處seal構造、可靠度大幅提升
High performance by the fourfold seal structure

Tube 適合表

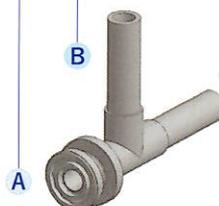
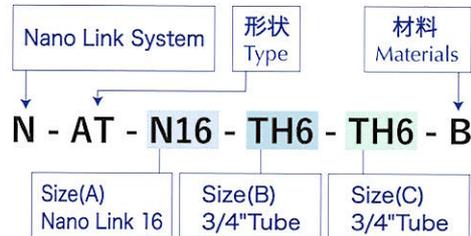
Nano Link (Nominal)	Inch Size	mm Size	Nano Link Supports
N4 (I.D. 4.4mm)	1/4" (6.35×3.95) (6.35×4.35)	6×4	1/4"(6.35x3.95)
N6 (I.D. 6.4mm)	3/8" (9.53×6.33)	8×6	3/8"(9.53x6.33)
N8 (I.D. 8mm)	3/8" (9.53×7.53)	10×8	—
N10 (I.D. 10mm)	1/2" (12.7×9.5)	12×10	1/2"(12.7x9.5)
N16 (I.D. 16mm)	3/4" (19.0×15.8)	19×16	3/4"(19.0x15.8)
N22 (I.D. 22.2mm)	1" (25.4×22.2)	25×22	1"(25.4x22.2)

I.D.=Internal Diameter

Nano Link 型號

Ordering Information

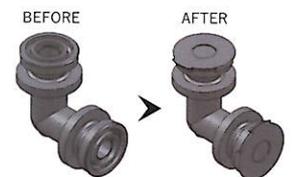
Adapter T



PB CAP

PB Cap

鎖附狀態(Elbow)



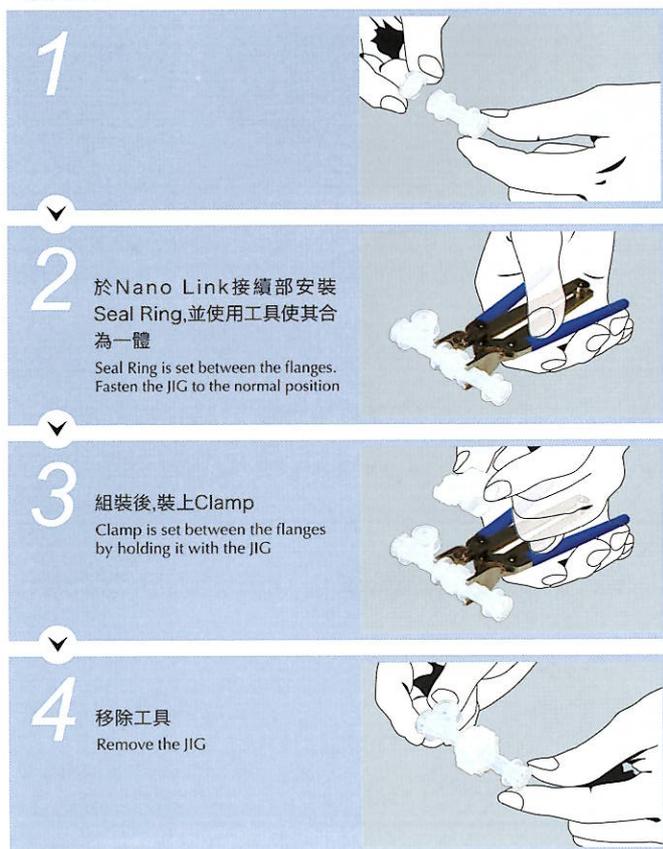
製品照片



PB Cap可有效防止Partical入侵,以利設備更快
PB cap protects particle contamination and supports quick start up

施工方法 Image of installation

● 鉗子式 N4/N6/N8/N10/N16/N22 JIG Pliers

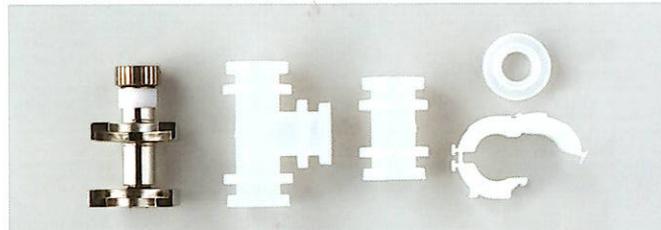
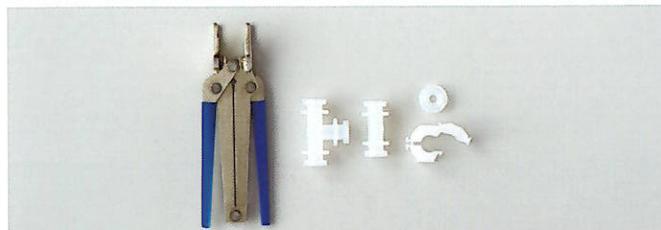


● 滑軌式 N16/N22 JIG Sliding



● 施工工具

JIG, Nano Link System requires the JIG
施工時需要專用的工具



產品應用(設計流程) Design flow and application products

依據客人各種需求,進行客製化設計

Please contact us, Yodogawa offers solutions by application products.

設計流程

Design flow



● 應用範例

Application products



 **淀川ヒューテック株式会社**
Yodogawa Hu-Tech Co.,Ltd.

2-4-8 Esaka-Cho, Suita City, Osaka Japan

Nano Link 相關詢問請洽

Tel.06-6386-2211(代)

+81-6-6386-2211

<http://www.yodogawa.co.jp/nanolink/>