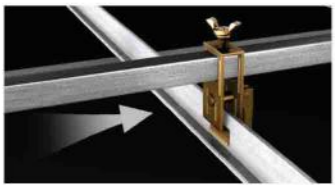


WHAT CAN YOU DO FOR ONLY 3 SECONDS?

Flexible and Problem Free

ASSEMBLY INSTRUCTIONS

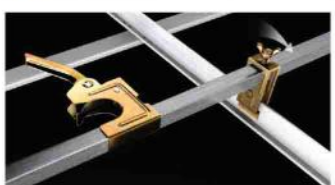
DAEJIN's brackets are very easy and simple to install Flexible sprinkler joints to suspended ceiling. The One Touch design of Centre/End bracket solves all the problems that arise when installing Flexible sprinkler joints to the ceiling.



Attach the end-bracket to the ceiling structure rail and check that the end bracket sits on the ceiling structure properly.



After the square bar passing through the hole of the end bracket, insert the middle bracket from the opposite square bar of the fixed end bracket.



Attach the rest of the end bracket in the same way as step 1 above and tighten the wing bolts on the top of the end bracket to a torque of 20-25kgf.



Place the reducer into the middle bracket properly and Pull down the lever to complete the connection.

Standard

DAEJIN Flexible Sprinkler Joint is designed in accordance with NFPA 13, 13D, and 13R for limited flexible application.

Certification

DAEJIN products presented here are listed and approved by various fire protection approval laboratories and organizations.



Genie systems®
www.genie-systems.com



Greetings...

Established in 1989, DAEJIN SANUP Co has been manufacturing machines and construction material for over 20 years. It started producing fire sprinkler joint in 2004. With experience and knowhow, the products of our company are noted of their high quality with competitive price and most of the products are exported in many countries.

DAEJIN has acquired ISO9001-2000, WQA, KFEIC (Korea Fire Equipment Inspection Cooperation, FM and UL certificates. Our reputable flexible sprinkler joints are the preferred choice worldwide.

Our flexible sprinkler joints along with their assembly part products come in such a wide variety of shapes and sizes that we feel confident that our products would match your expectations and particular needs. Thank you.

Lim, Young Soon

President
DAEJIN SANUP CO.

HISTORY...

- 1989.02 Daejin Sanup Co established
- 1999.03 Process washing machine shaft for Sanyo, Toshiba
- 2003.03 ISO 14001 ~ 2004 (KorE—070745)
ISO 9001 ~ 2000 (KorQ—071579)
- 2004.07 Export Die casting to Australia HALCRO
- 2004.12 Korea fire institute certificate for sprinkler joint
- 2005.06 Machining washing machine shaft for Mitsubishi
- 2006.09 Patent for DAEJIN sprinkler joint fixing part (10—063****)
- 2006.11 Patent for DAEJIN sprinkler joint fixing part (10—064****)
- 2006.12 Factory was moved to Hwaseong, Gyeonggi-Do
- 2008.10 Development of multi blade anchor for soil and rock
- 2008.11 FM Approval for braided model DJ25
- 2009.05 UL Certificate for our braided model DJSP25
- 2010.05 FM Approval for DJ28
- 2011.06 UL certificate for DJSP25
- 2011.07 UL certificate for new bracket design
- 2012.01 GENIE SYSTEM FOR DAEJIN BRAND NAME
- 2012.02 UL Certificate for Braided model DJ25B/Unbraided model DJ25UB
- 2013.05 UL Certificate for New Open Middle/End Bracket
- 2013.05 UL Certificate for One Touch Middle/End Bracket
- 2014.09 FM Approval for Genie-Brackets (B-CON-B / B-EL-B, B-COT / B-EOT)
10 USD 3Million Exporting Award by Korea International Trade Association
- 2015.06 LPCB Certificate for DJ25UB
- 07 KC Certification for Food Waste Disposal Equipment
- 07 CSA Certification for GAS CONNECTOR (Genie-Flex)



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Genie systems®

Flexible and Problem Free **One Touch** bracket

FLEXIBLE SPRINKLER JOINT

3 SECONDS INNOVATION



LUAN DUNG

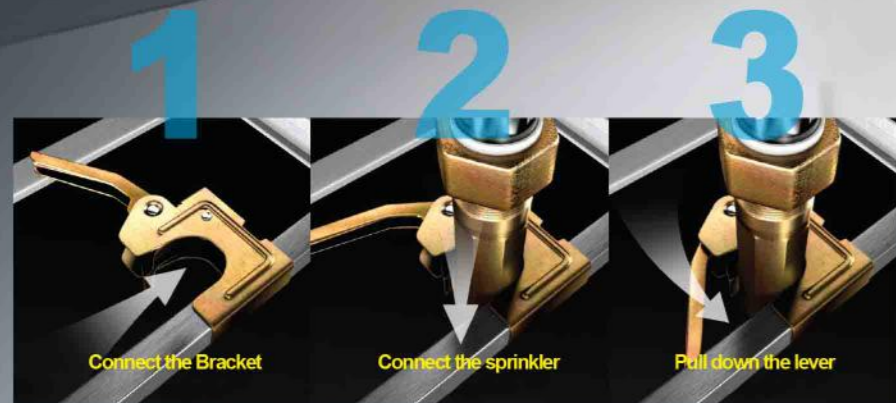
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DAEJIN
www.genie-systems.com

LUAN DUNG
www.luandung.com

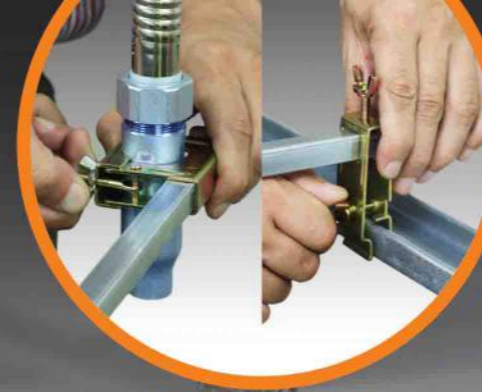
FLEXIBLE SPRINKLER JOINT

The fixed strength of the existing Bracket can be changed according to an environment and an installer. However One touch Centre/End Bracket of DAEJIN will always be installed with the same strength, no matter who installs it. It does not have to be an experienced, skilled installer. Just pull down the lever.



Installation of the Sprinkler can be completed with just pulling down a lever slightly as an end bracket and a centre bracket are assembled in one touch, compared to the conventional installation methods of screwing the bolt several times to tighten. Now it is possible for anyone to install the Sprinkler fast and accurately in 3 seconds.

Just pull down the lever! **One Touch bracket**



Daejin's Hit Item! **Cap Type bracket**
This image is only for understanding of the products. It can be different from the actual products.



Technical Data

Temperature	225 oF	
Working pressure	175 psi	
Maximum Bend Radius	4" (UL type), 8" (FM type)	
K-Factor	1/2" Outlet	5.6 gpm
	3/4" Outlet	11.2 gpm(UL), 8.0gmp(FM)

Features

Length	610, 790, 915, 1220, 1525, 1800mm	
Reducing nipple Dia	1/2", 3/4" NPT or BSPT (Straight or 90 degree elbow)	
Type	Unbraided	UL certificate
	Braided (ø 26.8)	UL and FM approval
	Braided (ø 28.0)	FM approval
	Braided (ø 32.0)	FM approval

FRICITION LOSS DATA

DJ25B Series Braided Hose with Fittings

Model	Rated Pressure, psig	Max. Ambient Temp, °F	Nom. Inlet by Outlet Size, in	Assembly Length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, mm	Equivalent Length of 1 in. Schedule 40 Steel Pipe, ft (m)	Flexibility Type
DJ25B	175	225	1x1/2	2.0 (610)	1	190	12	Limited
	175	225	1x1/2	2.6 (790)	1	190	19	Limited
	175	225	1x1/2	3.0 (915)	2	190	42	Limited
	175	225	1x1/2	4.0 (1220)	2	190	53	Limited
	175	225	1x1/2	5.0 (1525)	3	190	68	Limited
DJ25B	175	225	1x1/2	5.9 (1800)	3	190	94	Limited
	175	225	1x3/4	2.0 (610)	1	190	21	Limited
	175	225	1x3/4	2.6 (790)	1	190	27	Limited
	175	225	1x3/4	3.0 (915)	2	190	47	Limited
	175	225	1x3/4	4.0 (1220)	2	190	49	Limited
DJ25B	175	225	1x3/4	5.0 (1525)	3	190	73	Limited
	175	225	1x3/4	5.9 (1800)	3	190	99	Limited

* UL : 19mm minimum bend radius, where C=120

FRICITION LOSS DATA

DJ28B / DJ32B-C Series Braided Hose with Fittings

Model	NPT in.	k-Factor	Minimum Bend Radius in. (mm)	Number of Bends	Rated Working Pressure psi (kPa)	Hose Assembly length in. (mm)	Equivalent Length of 1 in. Schedule 40 Pipe, ft (m)
DJ28B	1/2	5.6	9 (230)	1	175 (1205)	2.3 ft	22.9 (6.9)
	1/2	5.6	9 (230)	2	175 (1205)	3.3 ft	34.6 (10.5)
	1/2	5.6	9 (230)	3	175 (1205)	3.9 ft	41.0 (12.5)
	1/2	5.6	9 (230)	4	175 (1205)	4.9 ft	50.4 (15.3)
	1/2	5.6	9 (230)	4	175 (1205)	5.9 ft	58.5 (17.8)
DJ28B	3/4	8.0	9 (230)	1	175 (1205)	2.3 ft	15.7 (4.8)
	3/4	8.0	9 (230)	2	175 (1205)	3.3 ft	26.9 (8.2)
	3/4	8.0	9 (230)	3	175 (1205)	3.9 ft	34.8 (10.6)
	3/4	8.0	9 (230)	4	175 (1205)	4.9 ft	43.8 (13.5)
	3/4	8.0	9 (230)	4	175 (1205)	5.9 ft	53.4 (16.2)

* FM : 9" minimum bend radius, where C=120

FRICITION LOSS DATA

DJ25B Series Braided Hose with Fittings

Model	NPT in.	Hose Assembly length, ft (m)	Equivalent Length of 1 in. Schedule 40 Pipe, ft (m)
DJ25B	1/2	2 (0.6)	13.7 (4.1)
	1/2	2.6 (0.8)	17.9 (5.4)
	1/2	3 (0.9)	22.2 (6.7)
	1/2	4 (1.2)	37.0 (11.2)
	1/2	5 (1.5)	45.5 (13.8)
	1/2	6 (1.8)	63.0 (19.2)
DJ25B	3/4	2 (0.6)	10.5 (3.2)
	3/4	2.6 (0.8)	14.4 (4.4)
	3/4	3 (0.9)	18.3 (5.6)
	3/4	4 (1.2)	32.8 (10.0)
	3/4	5 (1.5)	43.2 (13.1)
	3/4	6 (1.8)	58.7 (17.9)

* FM : 10" minimum bend radius, where C=120

Problem-free :

Daejin's various specially designed and patented brackets will solve many problems when installing the Flexible joint to the suspended ceiling.

Safety :

Rigorous water leakage test is applied to all the joint in the factory lab. All the products of our company have been approved by FM and UL.

Available length : 700-1800mm (for UL and FM approved model)
400-3500mm (for Japan and Korea)