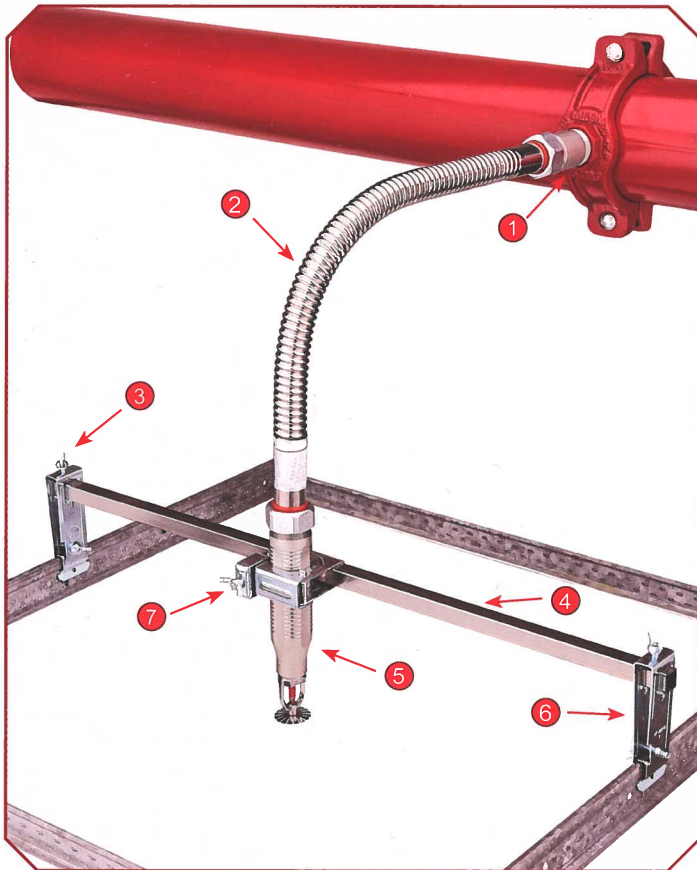
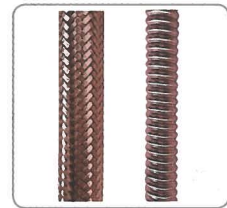


STRUCTURE & MATERIAL SPECIFICATION



1 Inlet Nipple



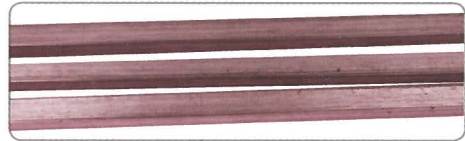
2 ※ Braided hose
※ Unbraided hose



3 ※ Wing screw set



※ Hexagon screw set



4



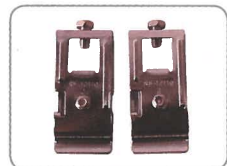
5 ※ 90° bend



※ Straight



6 ※ Long side bracket



※ Shot side bracket



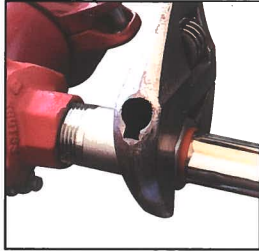
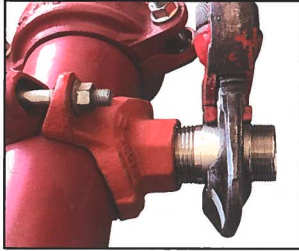
7 ※ Center bracket regular



※ Fast center bracket

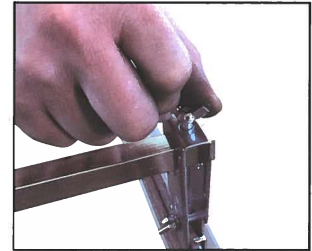
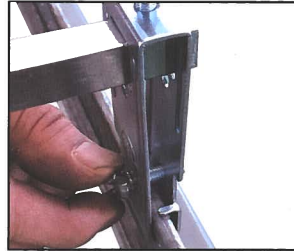
Description		Material
Corrugated tube Braid&collar-rings		AISI 304 stainless steel
Discharge Nipple	Straight	Galv Steel ASTM 1020
	90° Bend	Galv Steel ASTM 1020
Inlet Nipple		Galv Steel ASTM 1020
Hexagon Slip nut		Galv Steel ASTM 1020
Gasket		EPDM
Isolation Ring		Nylon 66
Center Bracket	Fast Center Bracket	Galv. Stell ASTM A283 Gr.D
	Regular Center Bracket	Galv. Stell ASTM A283 Gr.D
Side Bracket	Long Side Bracket	Galv. Stell ASTM A283 Gr.D
	Shot Side Bracket	Galv. Stell ASTM A283 Gr.D
Square Bar		Galv. Stell ASTM A283 Gr.B
Bolts & Screws	Hexagon Screw Set	Galv. Stell ASTM A283 Gr.D
	Wing Screw Set	Galv. Stell ASTM A283 Gr.D

HOW TO INSTALL



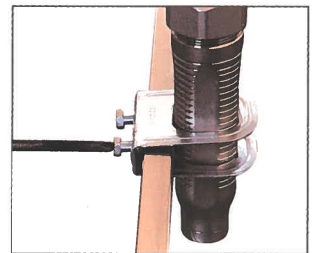
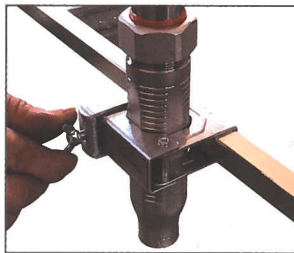
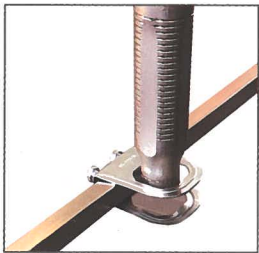
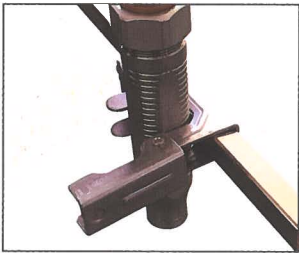
• INLET NIPPLE INSTALLATION

Using pipe wrench to connect Inlet Nipple and mechanical tee of the water supply pipeline, sealing with Teflon tape or pipe glue, etc. Tightening torque would be around 50 N·m(35ft-lbs). Checking the Hexagon nut to keep the mechanical tee and pipe line in good sealing performance.



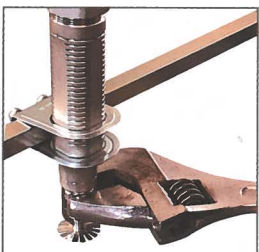
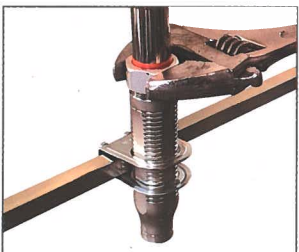
• BRACKET SYSTEM INSTALLATION

Connecting the square bar through three brackets. One bracket in the middle of square bar is for Discharge Nipple. The other two brackets should be put two sides of the bar. After putting the side brackets into right location, fixing the side brackets to the main-rail and tightening all the bolts on brackets with torque 4 N·m (3ft-lbs)



• HOSE BENDING ADJUSTMENT

Before connecting Discharge Nipple to the center bracket, all the hose bending must be adjusted to the right position according to the requirement of below hose bending degrees. Then tightening the center bracket with torque 4 N·m(3ft-lbs)



• DISCHARGE NIPPLE and SPRINKLER INSTALLATION

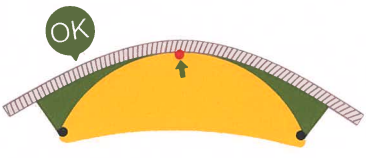
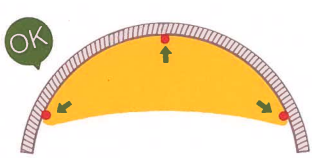
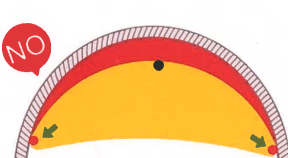



Tightening the nut of Discharge Nipple with torque 15 N·m(12ft-lbs).

Connecting the sprinkler head to Discharge Nipple according to the sprinkler installation instructions.







Taking the leakage test in according with NFPA guidelines.

USE MECH RADIUS CHECK HOSE HEND

Use outer edge check MDFU unbraided hoses

		
GREATER than 	EQUAL to 	SMALLER than 

Use inner edge check MDFB unbraided hoses

		
GREATER than 	EQUAL to 	SMALLER than 

HOSE BENDING, CORRECT OR WRONG

