



Description	Part Number	Short Code	List Price
MODEL TNL280 PENDENT K28 (400) THREADS 1" (25MM)			
TNL280,PENDENT,OPN,1NPT,ENT/BLACK	DB00446591	TNL280	S\$653.19
MODEL TNL280 PENDENT K28 (400) IS07-1RI THREADS - INTERNATIONAL ONLY			
TNL280,PENDENT,OPN,1BSPT,ENT/BLACK	DB00446593	TNL280M	S\$653.19
WRENCH,W5,HL-22,N25,N252,TNL280,P22/25			
	6880050105	VVW5	S\$242.47

TNL280 SPRAY NOZZLE

- K-Factor = 28 (400)
- Pendent, Open Nozzle
- See Bulletin 099
- cULus Corrosion Resistant Nozzle
- Designed primary for use in tunnel fire protection.

Features



B & FM SPRAY NOZZLES

- Window Model B
 - 1/4" K-Factor = 1.81 (26)
 - 5/16" K-Factor = 2.57 (37)
 - 3/8" K-Factor = 3.45 (50)
- **B Nozzles = SIN R041X**
- Window Model FM
 - 3/4" K-Factor = 14.4 (207)
 - 5/8" K-Factor = 10.0 (144)
 - 1/2" K-Factor = 6.6 (95)
- **FM Nozzles = SIN R041X**
- See Bulletin 103

Description	Part Number	Short Code	List Price
MODEL B WINDOW SPRAY NOZZLE K1.81 (26) THREADS 1/2" (15MM) R041X			
1/4" Bronze	4500111685	B4B	S\$ 100.45
5/16" Bronze	4500112085	B5B	S\$ 100.45
3/8" Bronze	4500112485	B3B	S\$ 100.45
MODEL FM WINDOW SPRAY NOZZLE K6.6 (95) THREADS 1/2" (15MM) R041X			
1/2" (15mm) Bronze	4500113286	FMWB	S\$ 115.18
MODEL FM WINDOW SPRAY NOZZLE THREADS 5/8", 3/4" R041X			
5/8" Bronze	4500114086	FMW5B	S\$ 119.90
3/4" Bronze	4500114886	FMW4B	S\$ 119.90

Description	Part Number	Short Code	List Price
MODEL FM SPRAY NOZZLE K9.8 (141) THREADS 1/2" (15MM) R042X			
1/2" Bronze	4500113287	FMCB	S\$ 175.28
MODEL FM SPRAY NOZZLE K6.5 (94) THREADS 3/4" (20MM) R042X			
5/8" Bronze	4500114087	FMC5B	S\$ 199.57
3/4" Bronze	4500114887	FMC4B	S\$ 199.57

Requires Model W2 Sprinkler Wrench	6880050100	WW2	S\$ 203.86
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FM SPRAY NOZZLES

- Cornice Type
 - 5/8" K-Factor = 9.8 (141)
 - 1/2" K-Factor = 6.5 (94)
- **SIN R042X**
- See Bulletin 103



HV SPRAY NOZZLES

- High Velocity Nozzles
- Bulletin 105



PLD

- Upright or Pendent
- Pilot Line Detector
- Bulletin 180

Description	Part Number	Short Code	List Price
MODEL HV-AS WITH STRAINER			
Discharge Angle: 75° K-Factor: 1.54(22) Finish: Bronze	6999994620	HVAS75B	S\$802.70
Discharge Angle: 75° K-Factor: 1.54(22) Finish: Chrome	6999994621		S\$802.70
Discharge Angle: 80° K-Factor: 1.26 (18) Finish: Bronze	6999994624	HVAS80B	S\$802.70
Discharge Angle: 80° K-Factor: 1.26 (18) Finish: Chrome	6999994625		S\$802.70
Discharge Angle: 90° K-Factor: 2.24 (32) Finish: Bronze	6999994628	HVAS90B	S\$802.70
Discharge Angle: 90° K-Factor: 2.24 (32) Finish: Chrome	6999994629		S\$802.70
Discharge Angle: 100° K-Factor: 1.82(26) Finish: Bronze	6999994632	HVAS100B	S\$802.70
Discharge Angle: 100° K-Factor: 1.82(26) Finish: Chrome	6999994633		S\$802.70
Discharge Angle: 115° K-Factor: 2.94 (42) Finish: Bronze	6999996279	HVAS115B	S\$802.70
Discharge Angle: 115° K-Factor: 2.94 (42) Finish: Chrome	6999996280	HVAS115C	S\$802.70
Discharge Angle: 120° K-Factor: 1.61(23) Finish: Bronze	6999996281	HVAS120B	S\$802.70
Discharge Angle: 120° K-Factor: 1.61(23) Finish: Chrome	6999996282		S\$802.70

Part Number	Short Code	Temperature	Finish	List Price
MODEL F1-FTR PILOT LINE DETECTOR				
68111401S1	PLD0BN	135°F 57°C	Brass	S\$ 112.71
68111401S3	PLD0CN	135°F 57°C	Chrome	S\$ 120.32
68111401S5	PLD0WN	135°F 57°C	White	S\$ 126.23
68111402S1	PLD1BN	155°F 68°C	Brass	S\$ 112.71
68111402S3	PLD1CN	155°F 68°C	Chrome	S\$ 120.32
68111402S5	PLD1WN	155°F 68°C	White	S\$ 126.23
68111403S1	PLD5BN	175°F 79°C	Brass	S\$ 112.71
68111403S3	PLD5CN	175°F 79°C	Chrome	S\$ 120.32
68111403S5	PLD5WN	175°F 79°C	White	S\$ 126.23
68111404S1	PLD2BN	200°F 93°C	Brass	S\$ 112.71
68111404S3	PLD2CN	200°F 93°C	Chrome	S\$ 120.32
68111404S5	PLD2WN	200°F 93°C	White	S\$ 126.23



**MV SPRAY
NOZZLE**

- See Bulletin 106

Description	Part Number	Short Code	List Price
MODEL MV NOZZLES			
MV,NOZZLE,K1.2,80, BRASS	4E01112080		S\$ 155.92
MV,NOZZLE,K1.2,95, BRASS	4E01112095		S\$ 155.92
MV,NOZZLE,K1.2,110, BRASS	4E01112110		S\$ 155.92
MV,NOZZLE,K1.2,125, BRASS	4E01112125		S\$ 155.92
MV,NOZZLE,K1.2,140, BRASS	4E01112140		S\$ 155.92
MV,NOZZLE,K1.2,160, BRASS	4E01112160		S\$ 155.92
MV,NOZZLE,K1.2,180, BRASS	4E01112180		S\$ 155.92
MV,NOZZLE,K1.8,65, BRASS	4E01118065		S\$ 155.92
MV,NOZZLE,K1.8,80, BRASS	4E01118080		S\$ 155.92
MV,NOZZLE,K1.8,95, BRASS	4E01118095		S\$ 155.92
MV,NOZZLE,K1.8,110, BRASS	4E01118110		S\$ 155.92
MV,NOZZLE,K1.8,125, BRASS	4E01118125		S\$ 155.92
MV,NOZZLE,K1.8,140, BRASS	4E01118140		S\$ 155.92
MV,NOZZLE,K1.8,160, BRASS	4E01118160		S\$ 155.92
MV,NOZZLE,K1.8,180, BRASS	4E01118180		S\$ 155.92
MV,NOZZLE,K2.3,65 BRASS	4E01123065		S\$ 155.92
MV,NOZZLE,K2.3,80 BRASS	4E01123080		S\$ 155.92
MV,NOZZLE,K2.3,95 BRASS	4E01123095		S\$ 155.92
MV,NOZZLE,K2.3,110 BRASS	4E01123110		S\$ 155.92
MV,NOZZLE,K2.3,125 BRASS	4E01123125		S\$ 155.92
MV,NOZZLE,K2.3,140 BRASS	4E01123140		S\$ 155.92
MV,NOZZLE,K2.3,160 BRASS	4E01123160		S\$ 155.92
MV,NOZZLE,K2.3,180 BRASS	4E01123180		S\$ 155.92
MV,NOZZLE,K3.0,65 BRASS	4E01130065		S\$ 155.92
MV,NOZZLE,K3.0,80 BRASS	4E01130080		S\$ 155.92
MV,NOZZLE,K3.0,95 BRASS	4E01130095		S\$ 155.92
MV,NOZZLE,K3.0,110 BRASS	4E01130110		S\$ 155.92
MV,NOZZLE,K3.0,125 BRASS	4E01130125		S\$ 155.92
MV,NOZZLE,K3.0,140 BRASS	4E01130140		S\$ 155.92
MV,NOZZLE,K3.0,160 BRASS	4E01130160		S\$ 155.92
MV,NOZZLE,K3.0,180 BRASS	4E01130180		S\$ 155.92
MV,NOZZLE,K4.1,65 BRASS	4E01141065		S\$ 155.92
MV,NOZZLE,K4.1,80 BRASS	4E01141080		S\$ 155.92
MV,NOZZLE,K4.1,95 BRASS	4E01141095		S\$ 155.92
MV,NOZZLE,K4.1,110 BRASS	4E01141110		S\$ 155.92



**MV SPRAY
NOZZLE**

- See Bulletin 106

Description	Part Number	Short Code	List Price
MODEL MV NOZZLES			
MV,NOZZLE,K4.1,125 BRASS	4E01141125		S\$ 155.92
MV,NOZZLE,K4.1,140 BRASS	4E01141140		S\$ 155.92
MV,NOZZLE,K4.1,160 BRASS	4E01141160		S\$ 155.92
MV,NOZZLE,K4.1,180 BRASS	4E01141180		S\$ 155.92
MV,NOZZLE,K5.6,65 BRASS	4E01156065		S\$ 155.92
MV,NOZZLE,K5.6,95,BRASS	4E01156095		S\$ 155.92
MV,NOZZLE,K5.6,110,BRASS	4E01156110		S\$ 155.92
MV,NOZZLE,K5.6,125,BRASS	4E01156125		S\$ 155.92
MV,NOZZLE,K5.6,140,BRASS	4E01156140		S\$ 155.92
MV,NOZZLE,K5.6,160,BRASS	4E01156160		S\$ 155.92
MV,NOZZLE,K5.6,180,BRASS	4E01156180		S\$ 155.92
MV,NOZZLE,K7.2,65,BRASS	4E01172065		S\$ 155.92
MV,NOZZLE,K7.2,80,BRASS	4E01172080		S\$ 155.92
MV,NOZZLE,K7.2,95,BRASS	4E01172095		S\$ 155.92
MV,NOZZLE,K7.2,110, BRASS	4E01172110		S\$ 155.92
MV,NOZZLE,K7.2,125, BRASS	4E01172125		S\$ 155.92
MV,NOZZLE,K7.2,140, BRASS	4E01172140		S\$ 155.92
MV,NOZZLE,K7.2,160, BRASS	4E01172160		S\$ 155.92
MV,NOZZLE,K7.2,180, BRASS	4E01172180		S\$ 155.92



**MV SPRAY
NOZZLE**

• See Bulletin 106

Description	Part Number	Short Code	List Price
MODEL MV NOZZLES			
MV,NOZZLE,K1.2,65 ENT	4E04312065		S\$ 519.72
MV,NOZZLE,K1.2,80 ENT	4E04312080		S\$ 519.72
MV,NOZZLE,K1.2,95 ENT	4E04312095		S\$ 519.72
MV,NOZZLE,K1.2,110 ENT	4E04312110		S\$ 519.72
MV,NOZZLE,K1.2,125 ENT	4E04312125		S\$ 519.72
MV,NOZZLE,K1.2,140 ENT	4E04312140		S\$ 519.72
MV,NOZZLE,K1.2,160 ENT	4E04312160		S\$ 519.72
MV,NOZZLE,K1.2,180 ENT	4E04312180		S\$ 519.72
MV,NOZZLE,K1.8,65 ENT	4E04318065		S\$ 519.72
MV,NOZZLE,K1.8,80 ENT	4E04318080		S\$ 519.72
MV,NOZZLE,K1.8,95 ENT	4E04318095		S\$ 519.72
MV,NOZZLE,K1.8,110 ENT	4E04318110		S\$ 519.72
MV,NOZZLE,K1.8,125 ENT	4E04318125		S\$ 519.72
MV,NOZZLE,K1.8,140 ENT	4E04318140		S\$ 519.72
MV,NOZZLE,K1.8,160 ENT	4E04318160		S\$ 519.72
MV,NOZZLE,K1.8,180 ENT	4E04318180		S\$ 519.72
MV,NOZZLE,K2.3,65 ENT	4E04323065		S\$ 519.72
MV,NOZZLE,K2.3,80 ENT	4E04323080		S\$ 519.72
MV,NOZZLE,K2.3,95 ENT	4E04323095		S\$ 519.72
MV,NOZZLE,K2.3,110 ENT	4E04323110		S\$ 519.72
MV,NOZZLE,K2.3,125 ENT	4E04323125		S\$ 519.72
MV,NOZZLE,K2.3,140 ENT	4E04323140		S\$ 519.72
MV,NOZZLE,K2.3,160 ENT	4E04323160		S\$ 519.72
MV,NOZZLE,K2.3,180 ENT	4E04323180		S\$ 519.72
MV,NOZZLE,K3.0,65 ENT	4E04330065		S\$ 680.26
MV,NOZZLE,K3.0,80 ENT	4E04330080		S\$ 680.26
MV,NOZZLE,K3.0,95 ENT	4E04330095		S\$ 680.26
MV,NOZZLE,K3.0,110 ENT	4E04330110		S\$ 680.26
MV,NOZZLE,K3.0,125 ENT	4E04330125		S\$ 680.26
MV,NOZZLE,K3.0,140 ENT	4E04330140		S\$ 680.26
MV,NOZZLE,K3.0,160 ENT	4E04330160		S\$ 680.26
MV,NOZZLE,K3.0,180 ENT	4E04330180		S\$ 680.26
MV,NOZZLE,K4.1,65 ENT	4E04341065		S\$ 519.72
MV,NOZZLE,K4.1,80 ENT	4E04341080		S\$ 519.72
MV,NOZZLE,K4.1,95 ENT	4E04341095		S\$ 519.72
MV,NOZZLE,K4.1,110 ENT	4E04341110		S\$ 519.72



**MV SPRAY
NOZZLE**

• See Bulletin 106



**BLOW-OFF CAP
PLUG**

• See Bulletin 106

Description	Part Number	Short Code	List Price
MODEL MV NOZZLES			
MV,NOZZLE,K4.1,125,ENT	4E04341125		S\$ 519.72
MV,NOZZLE,K4.1,140,ENT	4E04341140		S\$ 519.72
MV,NOZZLE,K4.1,160,ENT	4E04341160		S\$ 519.72
MV,NOZZLE,K4.1,180,ENT	4E04341180		S\$ 519.72
MV,NOZZLE,K5.6,65,ENT	4E04356065		S\$ 680.26
MV,NOZZLE,K5.6,80,ENT	4E04356080		S\$ 680.26
MV,NOZZLE,K5.6,95,ENT	4E04356095		S\$ 680.26
MV,NOZZLE,K5.6,110,ENT	4E04356110		S\$ 680.26
MV,NOZZLE,K5.6,125,ENT	4E04356125		S\$ 680.26
MV,NOZZLE,K5.6,140,ENT	4E04356140		S\$ 680.26
MV,NOZZLE,K5.6,160,ENT	4E04356160		S\$ 680.26
MV,NOZZLE,K5.6,180,ENT	4E04356180		S\$ 680.26
MV,NOZZLE,K7.2,65,ENT	4E04372065		S\$ 680.26
MV,NOZZLE,K7.2,80,ENT	4E04372080		S\$ 680.26
MV,NOZZLE,K7.2,95,ENT	4E04372095		S\$ 680.26
MV,NOZZLE,K7.2,110,ENT	4E04372110		S\$ 680.26
MV,NOZZLE,K7.2,125,ENT	4E04372125		S\$ 680.26
MV,NOZZLE,K7.2,140,ENT	4E04372140		S\$ 680.26
MV,NOZZLE,K7.2,160,ENT	4E04372160		S\$ 680.26
MV,NOZZLE,K7.2,180,ENT	4E04372180		S\$ 680.26
BLOW-OFF CAP PLUG			
CAP,PLUG,K1.2,MV	89121043		S\$ 20.80
CAP,PLUG,K1.8,MV	89121044		S\$ 20.80
CAP,PLUG,K2.3,MV	89121045		S\$ 20.80
CAP,PLUG,K3.0,MV	89121046		S\$ 20.80
CAP,PLUG,K4.1,MV	89121047		S\$ 20.80
CAP,PLUG,K5.6,MV	89121048		S\$ 20.80
CAP,PLUG,K7.2,MV	89121049		S\$ 20.80