



Description	Part Number	Short Code	List Price
<b>MODEL TNL280 PENDENT K28 (400) THREADS 1" (25MM)</b>			
TNL280,PENDENT,OPN,1NPT,ENT/BLACK	DB00446591	TNL280	€ 160.50
<b>MODEL TNL280 PENDENT K28 (400) IS07-1RI THREADS - INTERNATIONAL ONLY</b>			
TNL280,PENDENT,OPN,1BSPT,ENT/BLACK	DB00446593	TNL280M	€ 160.50
WRENCH,W5,FOR HL-22,N25,N252,TNL280	6880050105	WW5	€ 115.72

## 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
<b>MODEL B WINDOW SPRAY NOZZLE K1.81 (26) THREADS 1/2" (15MM) R041X</b>			
1/4" Bronze	4500111685	B4B	€ 47.45
5/16" Bronze	4500112085	B5B	€ 47.45
3/8" Bronze	4500112485	B3B	€ 47.45
<b>MODEL FM WINDOW SPRAY NOZZLE K6.6 (95) THREADS 1/2" (15MM) R041X</b>			
1/2" (15mm) Bronze	4500113286	FMWB	€ 54.41
<b>MODEL FM WINDOW SPRAY NOZZLE THREADS 5/8", 3/4" R041X</b>			
5/8" Bronze	4500114086	FMW5B	€ 56.64
3/4" Bronze	4500114886	FMW4B	€ 56.64

Description	Part Number	Short Code	List Price
<b>MODEL FM SPRAY NOZZLE K9.8 (141) THREADS 1/2" (15MM) R042X</b>			
1/2" Bronze	4500113287	FMCB	€ 82.81
<b>MODEL FM SPRAY NOZZLE K6.5 (94) THREADS 3/4" (20MM) R042X</b>			
5/8" Bronze	4500114087	FMC5B	€ 94.29
3/4" Bronze	4500114887	FMC4B	€ 94.29

Requires Model W2 Sprinkler Wrench	6880050100	WW2	€ 95.50
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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

Description	Part Number	Short Code	List Price
<b>MODEL HV-AS WITH STRAINER</b>			
Discharge Angle: 75° K-Factor: 1.54(22) Finish: Bronze	6999994620	HVAS75B	€ 78.18
Discharge Angle: 75° K-Factor: 1.54(22) Finish: Chrome	6999994621		€ 82.81
Discharge Angle: 80° K-Factor: 1.26 (18) Finish: Bronze	6999994624	HVAS80B	€ 78.18
Discharge Angle: 80° K-Factor: 1.26 (18) Finish: Chrome	6999994625		€ 82.81
Discharge Angle: 90° K-Factor: 2.24 (32) Finish: Bronze	6999994628	HVAS90B	€ 78.18
Discharge Angle: 90° K-Factor: 2.24 (32) Finish: Chrome	6999994629		€ 82.81
Discharge Angle: 100° K-Factor: 1.82(26) Finish: Bronze	6999994632	HVAS100B	€ 78.18
Discharge Angle: 100° K-Factor: 1.82(26) Finish: Chrome	6999994633		€ 82.81
Discharge Angle: 115° K-Factor: 2.94 (42) Finish: Bronze	6999996279	HVAS115B	€ 78.18
Discharge Angle: 115° K-Factor: 2.94 (42) Finish: Chrome	6999996280	HVAS115C	€ 82.81
Discharge Angle: 120° K-Factor: 1.61(23) Finish: Bronze	6999996281	HVAS120B	€ 78.18
Discharge Angle: 120° K-Factor: 1.61(23) Finish: Chrome	6999996282		€ 82.81



### PLD

- Upright or Pendent
- Pilot Line Detector
- Bulletin 180

Part Number	Short Code	Temperature	Finish	List Price
<b>MODEL F1-FTR PILOT LINE DETECTOR</b>				
6811140111	PLD0B	135°F 57°C	Bronze	€ 53.24
6811140121	PLD0C	135°F 57°C	Chrome	€ 56.84
6811140115	PLD0W	135°F 57°C	White	€ 59.63
6811140211	PLD1B	155°F 68°C	Bronze	€ 53.24
6811140221	PLD1C	155°F 68°C	Chrome	€ 56.84
6811140215	PLD1W	155°F 68°C	White	€ 59.63
6811140311	PLD5B	175°F 79°C	Bronze	€ 53.24
6811140321	PLD5C	175°F 79°C	Chrome	€ 56.84
6811140315	PLD5W	175°F 79°C	White	€ 59.63
6811140411	PLD2B	200°F 93°C	Bronze	€ 53.24
6811140421	PLD2C	200°F 93°C	Chrome	€ 56.84
6811140415	PLD2W	200°F 93°C	White	€ 59.63



## A SPRAY NOZZLE

- Spray Nozzles
- R20, R30, R60
- See Bulletin 106

Description	Part Number	Short Code	List Price
<b>MODEL R20 THREADS 1/2" (15MM)</b>			
R20 80° Bronze	4900111680	R2080B	€ 93.74
R20 80° Chrome	4900211680	R2080C	€ 93.74
R20 110° Bronze	4900111681	R20110B	€ 93.74
R20 110° Chrome	4900211681	R20110C	€ 93.74
R20 140° Bronze	4900111684	R20140B	€ 93.74
R20 140° Chrome	4900211684	R20140C	€ 93.74
<b>MODEL R30 THREADS 1/2" (15MM)</b>			
R30 80° Bronze	4900112180	R3080B	€ 93.74
R30 80° Chrome	4900212180	R3080C	€ 93.74
R30 110° Bronze	4900112181	R30110B	€ 93.74
R30 110° Chrome	4900212181	R30110C	€ 93.74
R30 140° Bronze	4900112184	R30140B	€ 93.74
R30 140° Chrome	4900212184	R30140C	€ 93.74
<b>MODEL R60 THREADS 1/2" (15MM)</b>			
R60 80° Bronze	4900112980	R6080B	€ 93.74
R60 80° Chrome	4900212980	R6080C	€ 93.74
R60 110° Bronze	4900112981	R60110B	€ 93.74
R60 110° Chrome	4900212981	R60110C	€ 93.74
R60 140° Bronze	4900112984	R60140B	€ 93.74
R60 140° Chrome	4900212984	R60140C	€ 93.74



**MV SPRAY  
 NOZZLE**

• See Bulletin 106

Description	Part Number	Short Code	List Price
<b>MODEL MV NOZZLES</b>			
MV,NOZZLE,K1.2,80, BRASS	4E01112080		€ 75.00
MV,NOZZLE,K1.2,95, BRASS	4E01112095		€ 75.00
MV,NOZZLE,K1.2,110, BRASS	4E01112110		€ 75.00
MV,NOZZLE,K1.2,125, BRASS	4E01112125		€ 75.00
MV,NOZZLE,K1.2,140, BRASS	4E01112140		€ 75.00
MV,NOZZLE,K1.2,160, BRASS	4E01112160		€ 75.00
MV,NOZZLE,K1.2,180, BRASS	4E01112180		€ 75.00
MV,NOZZLE,K1.8,65, BRASS	4E01118065		€ 75.00
MV,NOZZLE,K1.8,80, BRASS	4E01118080		€ 75.00
MV,NOZZLE,K1.8,95, BRASS	4E01118095		€ 75.00
MV,NOZZLE,K1.8,110, BRASS	4E01118110		€ 75.00
MV,NOZZLE,K1.8,125, BRASS	4E01118125		€ 75.00
MV,NOZZLE,K1.8,140, BRASS	4E01118140		€ 75.00
MV,NOZZLE,K1.8,160, BRASS	4E01118160		€ 75.00
MV,NOZZLE,K1.8,180, BRASS	4E01118180		€ 75.00
MV,NOZZLE,K2.3,65 BRASS	4E01123065		€ 75.00
MV,NOZZLE,K2.3,80 BRASS	4E01123080		€ 75.00
MV,NOZZLE,K2.3,95 BRASS	4E01123095		€ 75.00
MV,NOZZLE,K2.3,110 BRASS	4E01123110		€ 75.00
MV,NOZZLE,K2.3,125 BRASS	4E01123125		€ 75.00
MV,NOZZLE,K2.3,140 BRASS	4E01123140		€ 75.00
MV,NOZZLE,K2.3,160 BRASS	4E01123160		€ 75.00
MV,NOZZLE,K2.3,180 BRASS	4E01123180		€ 75.00
MV,NOZZLE,K3.0,65 BRASS	4E01130065		€ 75.00
MV,NOZZLE,K3.0,80 BRASS	4E01130080		€ 75.00
MV,NOZZLE,K3.0,95 BRASS	4E01130095		€ 75.00
MV,NOZZLE,K3.0,110 BRASS	4E01130110		€ 75.00
MV,NOZZLE,K3.0,125 BRASS	4E01130125		€ 75.00
MV,NOZZLE,K3.0,140 BRASS	4E01130140		€ 75.00
MV,NOZZLE,K3.0,160 BRASS	4E01130160		€ 75.00
MV,NOZZLE,K3.0,180 BRASS	4E01130180		€ 75.00
MV,NOZZLE,K4.1,65 BRASS	4E01141065		€ 75.00
MV,NOZZLE,K4.1,80 BRASS	4E01141080		€ 75.00
MV,NOZZLE,K4.1,95 BRASS	4E01141095		€ 75.00
MV,NOZZLE,K4.1,110 BRASS	4E01141110		€ 75.00



**MV SPRAY  
NOZZLE**

- See Bulletin 106

Description	Part Number	Short Code	List Price
<b>MODEL MV NOZZLES</b>			
MV,NOZZLE,K4.1,125 BRASS	4E01141125		€ 75.00
MV,NOZZLE,K4.1,140 BRASS	4E01141140		€ 75.00
MV,NOZZLE,K4.1,160 BRASS	4E01141160		€ 75.00
MV,NOZZLE,K4.1,180 BRASS	4E01141180		€ 75.00
MV,NOZZLE,K5.6,65 BRASS	4E01156065		€ 75.00
MV,NOZZLE,K5.6,95,BRASS	4E01156095		€ 75.00
MV,NOZZLE,K5.6,110,BRASS	4E01156110		€ 75.00
MV,NOZZLE,K5.6,125,BRASS	4E01156125		€ 75.00
MV,NOZZLE,K5.6,140,BRASS	4E01156140		€ 75.00
MV,NOZZLE,K5.6,160,BRASS	4E01156160		€ 75.00
MV,NOZZLE,K5.6,180,BRASS	4E01156180		€ 75.00
MV,NOZZLE,K7.2,65,BRASS	4E01172065		€ 75.00
MV,NOZZLE,K7.2,80,BRASS	4E01172080		€ 75.00
MV,NOZZLE,K7.2,95,BRASS	4E01172095		€ 75.00
MV,NOZZLE,K7.2,110, BRASS	4E01172110		€ 75.00
MV,NOZZLE,K7.2,125, BRASS	4E01172125		€ 75.00
MV,NOZZLE,K7.2,140, BRASS	4E01172140		€ 75.00
MV,NOZZLE,K7.2,160, BRASS	4E01172160		€ 75.00
MV,NOZZLE,K7.2,180, BRASS	4E01172180		€ 75.00



**MV SPRAY  
 NOZZLE**

• See Bulletin 106

Description	Part Number	Short Code	List Price
<b>MODEL MV NOZZLES</b>			
MV,NOZZLE,K1.2,65 ENT	4E04312065		€ 250.00
MV,NOZZLE,K1.2,80 ENT	4E04312080		€ 250.00
MV,NOZZLE,K1.2,95 ENT	4E04312095		€ 250.00
MV,NOZZLE,K1.2,110 ENT	4E04312110		€ 250.00
MV,NOZZLE,K1.2,125 ENT	4E04312125		€ 250.00
MV,NOZZLE,K1.2,140 ENT	4E04312140		€ 250.00
MV,NOZZLE,K1.2,160 ENT	4E04312160		€ 250.00
MV,NOZZLE,K1.2,180 ENT	4E04312180		€ 250.00
MV,NOZZLE,K1.8,65 ENT	4E04318065		€ 250.00
MV,NOZZLE,K1.8,80 ENT	4E04318080		€ 250.00
MV,NOZZLE,K1.8,95 ENT	4E04318095		€ 250.00
MV,NOZZLE,K1.8,110 ENT	4E04318110		€ 250.00
MV,NOZZLE,K1.8,125 ENT	4E04318125		€ 250.00
MV,NOZZLE,K1.8,140 ENT	4E04318140		€ 250.00
MV,NOZZLE,K1.8,160 ENT	4E04318160		€ 250.00
MV,NOZZLE,K1.8,180 ENT	4E04318180		€ 250.00
MV,NOZZLE,K2.3,65 ENT	4E04323065		€ 250.00
MV,NOZZLE,K2.3,80 ENT	4E04323080		€ 250.00
MV,NOZZLE,K2.3,95 ENT	4E04323095		€ 250.00
MV,NOZZLE,K2.3,110 ENT	4E04323110		€ 250.00
MV,NOZZLE,K2.3,125 ENT	4E04323125		€ 250.00
MV,NOZZLE,K2.3,140 ENT	4E04323140		€ 250.00
MV,NOZZLE,K2.3,160 ENT	4E04323160		€ 250.00
MV,NOZZLE,K2.3,180 ENT	4E04323180		€ 250.00
MV,NOZZLE,K3.0,65 ENT	4E04330065		€ 250.00
MV,NOZZLE,K3.0,80 ENT	4E04330080		€ 250.00
MV,NOZZLE,K3.0,95 ENT	4E04330095		€ 250.00
MV,NOZZLE,K3.0,110 ENT	4E04330110		€ 250.00
MV,NOZZLE,K3.0,125 ENT	4E04330125		€ 250.00
MV,NOZZLE,K3.0,140 ENT	4E04330140		€ 250.00
MV,NOZZLE,K3.0,160 ENT	4E04330160		€ 250.00
MV,NOZZLE,K3.0,180 ENT	4E04330180		€ 250.00
MV,NOZZLE,K4.1,65 ENT	4E04341065		€ 250.00
MV,NOZZLE,K4.1,80 ENT	4E04341080		€ 250.00
MV,NOZZLE,K4.1,95 ENT	4E04341095		€ 250.00
MV,NOZZLE,K4.1,110 ENT	4E04341110		€ 250.00



**MV SPRAY  
NOZZLE**

• See Bulletin 106



**BLOW-OFF CAP  
PLUG**

• See Bulletin 106

Description	Part Number	Short Code	List Price
<b>MODEL MV NOZZLES</b>			
MV,NOZZLE,K4.1,125,ENT	4E04341125		€ 250.00
MV,NOZZLE,K4.1,140,ENT	4E04341140		€ 250.00
MV,NOZZLE,K4.1,160,ENT	4E04341160		€ 250.00
MV,NOZZLE,K4.1,180,ENT	4E04341180		€ 250.00
MV,NOZZLE,K5.6,65,ENT	4E04356065		€ 250.00
MV,NOZZLE,K5.6,95,ENT	4E04356095		€ 250.00
MV,NOZZLE,K5.6,110,ENT	4E04356110		€ 250.00
MV,NOZZLE,K5.6,125,ENT	4E04356125		€ 250.00
MV,NOZZLE,K5.6,140,ENT	4E04356140		€ 250.00
MV,NOZZLE,K5.6,160,ENT	4E04356160		€ 250.00
MV,NOZZLE,K5.6,180,ENT	4E04356180		€ 250.00
MV,NOZZLE,K7.2,65,ENT	4E04372065		€ 250.00
MV,NOZZLE,K7.2,80,ENT	4E04372080		€ 250.00
MV,NOZZLE,K7.2,95,ENT	4E04372095		€ 250.00
MV,NOZZLE,K7.2,110,ENT	4E04372110		€ 250.00
MV,NOZZLE,K7.2,125,ENT	4E04372125		€ 250.00
MV,NOZZLE,K7.2,140,ENT	4E04372140		€ 250.00
MV,NOZZLE,K7.2,160,ENT	4E04372160		€ 250.00
MV,NOZZLE,K7.2,180,ENT	4E04372180		€ 250.00
<b>BLOW-OFF CAP PLUG</b>			
CAP,PLUG,K1.2,MV	89121043		€ 10.00
CAP,PLUG,K1.8,MV	89121044		€ 10.00
CAP,PLUG,K2.3,MV	89121045		€ 10.00
CAP,PLUG,K3.0,MV	89121046		€ 10.00
CAP,PLUG,K4.1,MV	89121047		€ 10.00
CAP,PLUG,K5.6,MV	89121048		€ 10.00
CAP,PLUG,K7.2,MV	89121049		€ 10.00