

Quick-detachable Standard Flat Spray Nozzles
INVV series

Spray angle code	Spray capacity code	Pipe connection size			Spray angle (°)			Spray capacity (ℓ/min)							Mean drop. dia. (μm)	Free pass. dia. (mm)	Color of nozzle tip		
		R1/8	R1/4	R3/8	0.15 MPa	0.3 MPa	0.7 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa					
65	40	○	○	○	56	65	71	1.63	2.31	2.83	3.27	4.00	5.16	6.11	350	1.3	Orange		
	50	○	○	○	57	65	71	2.04	2.89	3.54	4.08	5.00	6.46	7.64				1.5	Pink
50	05	○	○	○	38	50	59	—	0.29	0.35	0.41	0.50	0.65	0.76	210	0.4	Green		
	07	○	○	○	38	50	58	—	0.40	0.49	0.57	0.70	0.90	1.07				0.5	Brown
	10	○	○	○	40	50	58	0.41	0.58	0.71	0.82	1.00	1.29	1.53				0.6	Red
	15	○	○	○	40	50	57	0.61	0.87	1.06	1.23	1.50	1.94	2.29				0.8	Grey
	20	○	○	○	41	50	57	0.82	1.15	1.41	1.63	2.00	2.58	3.06				1.0	Black
	30	○	○	○	42	50	56	1.23	1.73	2.12	2.45	3.00	3.88	4.58				1.2	Blue
	40	○	○	○	42	50	56	1.63	2.31	2.83	3.27	4.00	5.16	6.11				1.4	Orange
	50	○	○	○	43	50	55	2.04	2.89	3.54	4.08	5.00	6.46	7.64				1.6	Pink

Flat Spray

How to order Please inquire or order for a specific nozzle using this coding system.

① Complete assemblies

〈Example〉 1/8M INVV 9030 PP (FEPM) + PP

1/8M INVV 90 30 PP (FEPM) + PP

Pipe conn. size*	Spray angle code	Spray capacity code	Adaptor material
■ 1/8M	■ 115	■ 05	■ PP
■ 1/4M	■ }	■ }	■ PPS
■ 3/8M	■ 50	■ 50	

② Nozzle tip only (with packing)

〈Example〉 INVV 9030 PP (FEPM)

INVV 90 30 PP (FEPM)

Spray angle code	Spray capacity code
■ 115	■ 05
■ }	■ }
■ 50	■ 50

*"M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard), e.g. 1/8M = R1/8.

ALSO AVAILABLE!

Quick-detachable
Off-center Even Flat
Spray Nozzles

INOVE series

See p.41 of this catalog.

Quick-detachable
Full Cone
Spray Nozzles

INJJX series

See p.69 of this catalog.

Quick-detachable Nozzle Connector **INCO**



Photo is INCO with a wide-angle flat spray nozzle YYP series.

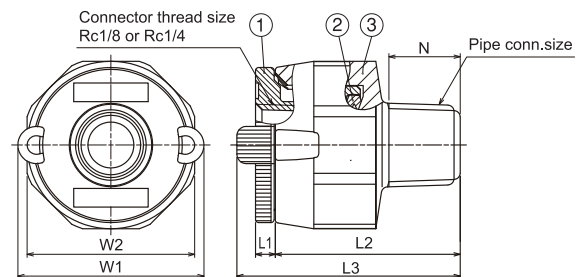
[Features]

- Easy installation and removal just by attaching a nozzle to this connector.
- Made of high chemical and heat resistant plastic.
- R1/4 or R1/8 threaded nozzles are attachable.

INCO series

INCO series	
Structure	<ul style="list-style-type: none"> • Two-piece structure including a connector and an adaptor. • Easy installation and removal of the connector just by turning 60°.
Material	<ul style="list-style-type: none"> • Connector: PP • Adaptor: PP or PPS • Packing: FEPM

Pipe conn. size	Dimensions (mm)						Mass (g)	
	L1	L2	L3	W1	W2	N	PP	PPS
R1/8	3	27	33	30	27	8	9	12
R1/4	3	30	36	30	27	11.5	10	13
R3/8	3	30	36	30	27	12	11	14



① Nozzle connector ② Packing (FEPM) ③ Adaptor

[Note] Appearance and dimensions may differ slightly depending on materials and connector codes.

How to order Please inquire or order for a specific nozzle connector using this coding system.

① Complete assemblies

〈Example〉 INCO 1/4M × 1/8F PP (FEPM) + PP

INCO 1/4M × 1/8F PP (FEPM) + PP

Pipe conn. size*	Connector thread size*	Adaptor material
■ 1/8M	■ 1/8F	■ PP
■ 1/4M	■ 1/4F	■ PPS
■ 3/8M		

② Nozzle connector only (with packing)

〈Example〉 INCO 1/8F PP (FEPM)

INCO 1/8F PP (FEPM)

Connector thread size*
■ 1/8F
■ 1/4F

**"M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard).