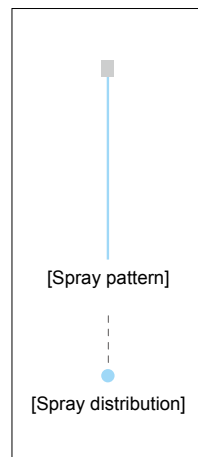


Universal-Jointed Solid Stream Jet

UT+CP



- High impact force solid stream flow.
- Internal design keeps flow resistance to a minimum, generating a large flow volume.
- Spray direction is adjustable within a range of 40 degrees as needed.

[STANDARD PRESSURE]

0.3 MPa

[APPLICATIONS]

Cleaning: High pressure cleaning, wire and felt parts of paper making machines, vehicles, returnable containers, machinery, parts
Trimming: Paper making

- Structure**
- Has a ceramic orifice (high-purity ceramic orifice for spray capacity codes 37–136) in the nozzle tip.
 - Includes three parts: Nozzle tip, cap, and adaptor.
 - Worn-out nozzle tips can be replaced separately.
 - Nozzle tip has an integrated universal ball joint to adjust the spray direction.

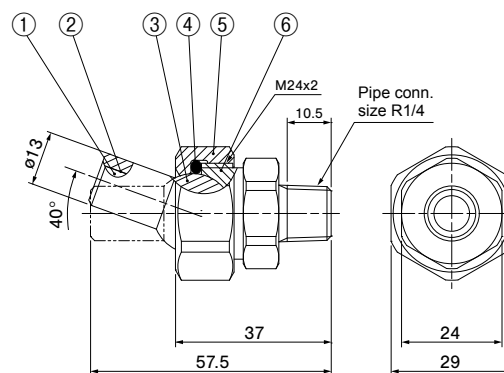
- Material**
- Nozzle orifice: ceramic
 - Metal parts: S303

- Weight**
- 125 g

[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

DRAWING

Unit: mm



Nozzle tip (①Ceramic orifice ②Adhesive: Araldite® ③Ball)
④O-ring (NBR) ⑤Cap ⑥Adaptor

Spray capacity code	Spray capacity (L/min)								Free passage diameter (mm)
	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	2 MPa	
37	0.68	0.83	0.96	1.17	1.51	1.79	2.14	3.03	1.0
49	0.90	1.10	1.28	1.56	2.02	2.39	2.86	4.04	1.2
80	1.47	1.80	2.08	2.54	3.28	3.88	4.65	6.56	1.5
111	2.03	2.48	2.87	3.51	4.53	5.36	6.43	9.09	1.8
136	2.48	3.04	3.51	4.30	5.55	6.57	7.85	11.1	2.0
247	4.51	5.52	6.38	7.81	10.1	11.9	14.3	20.2	2.6
322	5.88	7.20	8.31	10.2	13.1	15.6	18.6	26.3	3.0
445	8.12	9.95	11.5	14.1	18.2	21.5	25.7	36.3	3.5

[Note] Precision guarantee for the UT+CP series is only for spray angle; the axis of spray direction to be within 3° from nozzle centerline.

HOW TO ORDER

To inquire about or order a specific nozzle please refer to this coding system.

Example: 1/4M UT+CP 37 AL99-S303

1/4M UT+CP 37 AL99-S303

Pipe conn. size*1

Spray capacity code

Material

37
445

S303
AL99-S303*2

Please contact us to order only the nozzle tip.

*1) "M" indicates male thread ("R" of the ISO standard), e.g. 1/4M = R1/4.

*2) When spray capacity code is 37–136, material code is described as "AL99-S303".

ALSO AVAILABLE!

Universal-Jointed
Flat Spray Nozzles

**UT+VP
SERIES**

See page 14 of this catalog.