

High pressure ceramic solid stream nozzle & Deckle edge trimming solid stream nozzle

CY38170 Brass With ceramic core



CY38171 header and CY 38172 strainer



Needle ruby core



HRBY

Tungsten alloy



TCK

Ceramic core



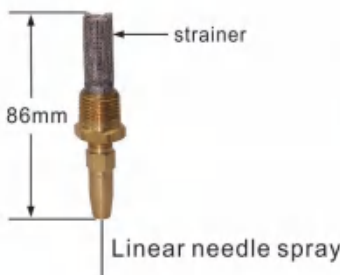
BCTC

This kind of nozzle is used for the trimming of the paper that supply a precise, clean cut. It can produce a straight needle solid stream. It can work at high pressure of 140bar. This nozzle orifice material we have the SS316 and ceramic.

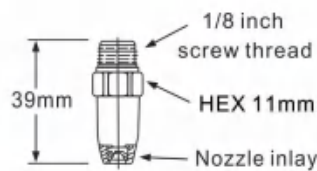
Performance Data

nozzle type	Serial number	orifice dia. (mm)	Capacity (L/min)									
			7Bar	10Bar	20Bar	30Bar	40Bar	50Bar	60Bar	70Bar	100Bar	138Bar
The only aperture ruby	15	0.38	0.17	0.21	0.29	0.36	0.41	0.46	0.50	0.54	0.65	0.76
CY38170/CY38171	20	0.51	0.31	0.36	0.52	0.63	0.73	0.82	0.89	0.96	1.2	1.4
CY38170/CY38171	25	0.64	0.48	0.57	0.81	0.99	1.1	1.3	1.4	1.5	1.8	2.1
CY38170/CY38171	30	0.76	0.69	0.82	1.2	1.4	1.6	1.8	2.0	2.2	2.6	3.1
CY38170/CY38171	35	0.89	0.93	1.1	1.6	1.9	2.2	2.5	2.7	3.0	3.5	4.2
CY38170/CY38171	40	1.0	1.2	1.5	2.1	2.5	2.9	3.3	3.6	3.9	4.6	5.4
CY38170/CY38171	45	1.1	1.5	1.9	2.6	3.2	3.7	4.1	4.5	4.9	5.8	6.9
CY38170/CY38171	50	1.3	1.9	2.3	3.2	4.0	4.6	5.1	5.6	6.0	7.2	8.5
CY38170/CY38171	60	1.5	2.8	3.3	4.6	5.7	6.6	7.3	8.0	8.7	10.4	12.2

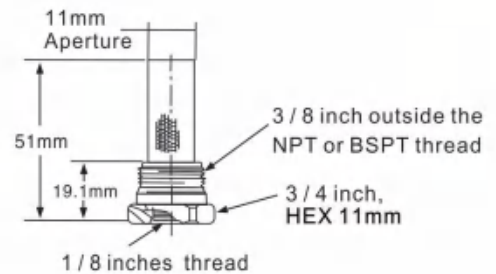
Dimension



CY 28170 model header with strainer



CY 38171 Type Needle without water strainer



CY 38172 Type Adapter / strainer combination

Note Material

CY 38170 brass nozzles for the main materials, filter materials for stainless steel, ceramic nozzle for the inlay.

Ordering info

Order package

CY38170 — 20 — CER
 Model Serial number Ceramic inlay

Only ordered water needle

CY38171 — 20 — CER
 Model Serial number Ceramic inlay

Only order strainer

CY38172 — 20
 Model Serial number