

**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**



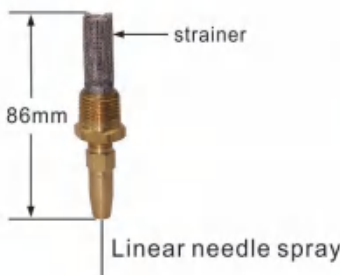
BCTC

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.

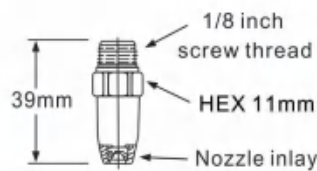
**Performance Data**

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

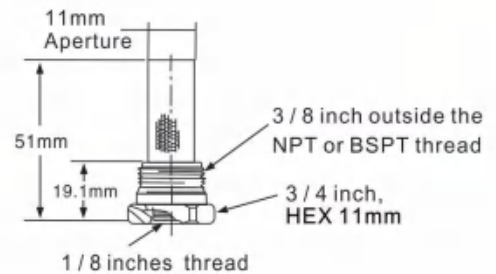
**Dimension**



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**

<b>Order package</b>			<b>Only ordered water needle</b>			<b>Only order strainer</b>	
<b>CY38170</b>	<b>— 20 —</b>	<b>CER</b>	<b>CY38171</b>	<b>— 20 —</b>	<b>CER</b>	<b>CY38172</b>	<b>— 20</b>
Model	Serial number	Ceramic inlay	Model	Serial number	Ceramic inlay	Model	Serial number

L Series Paper-making Nozzle