

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

**CY38170 Brass
With ceramic core**



**CY38171 header and
CY 38172 strainer**



Needlerubycore



HRBY

**Tungsten
alloy**



TCK

**Ceramic
core**



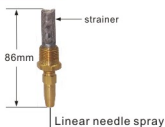
BCTC

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.

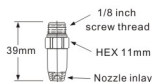
Performance Data

| 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 |

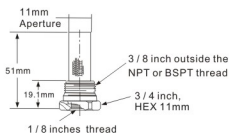
Dimension



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

CY 38171 — 20 — CER
 Model Serial number Ceramic inlay

Only order strainer

CY 38172 — 20
 Model Serial number