

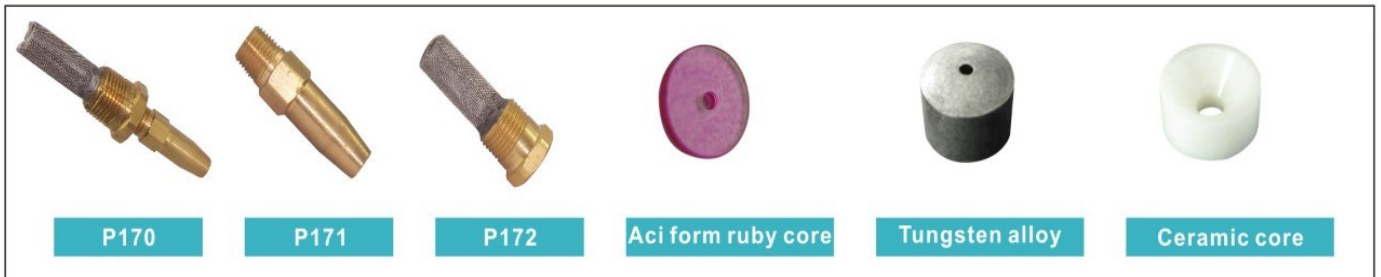
# High pressure ceramic core solid stream nozzles

## DESIGN FEATURES

These nozzles provide a glass-rod like sharp needle jet which cuts the side of your paper web in a sharp and clean profile. The brass nozzle body is fitted with a large surface stainless steel strainer for long operation before service is required. The brass nozzle tip contains a high quality orifice insert (Ruby or Hardened SS) for extended life at high pressure.

Trimming for paper that supply a precise, clean cut.

Spray pattern :Solid stream      Max. pressure :140bar      Orifice material:SS316 ,Ceramic

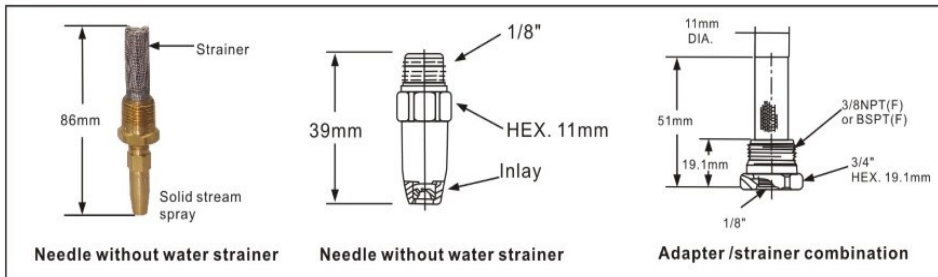


## PERFORMANCE DATA

Nozzle type	Capacity size	Orifice diameter (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
P170/P171	20	0.51	0.31	0.36	0.52	0.63	0.73	0.82	0.89	0.96	1.2	1.4
	25	0.64	0.48	0.57	0.81	0.99	1.1	1.3	1.4	1.5	1.8	2.1
	30	0.76	0.69	0.82	1.2	1.4	1.6	1.8	2.0	2.2	2.6	3.1
	35	0.89	0.93	1.1	1.6	1.9	2.2	2.5	2.7	3.0	3.5	4.2
	40	1.0	1.2	1.5	2.1	2.5	2.9	3.3	3.6	3.9	4.6	5.4
	45	1.1	1.5	1.9	2.6	3.2	3.7	4.1	4.5	4.9	5.8	6.9
	50	1.3	1.9	2.3	3.2	4.0	4.6	5.1	5.6	6.0	7.2	8.5
60	1.5	2.8	3.3	4.6	5.7	6.6	7.3	8.0	8.7	10.4	12.2	

**MATERIAL**  
 Body :Brass  
 Filter :SS  
 Core material :Ceramic

## DIMENSION



## ORDERING INFORMATION

### For full set

P170 ——— 20 ——— Cer.  
 ↓                      ↓                      ↓  
 Nozzle Type      Capacity Size      Core material

### Only for water needle

Tip ——— 20 ——— Cer.  
 ↓                      ↓                      ↓  
 Nozzle Type      Capacity Size      Core material

### Only for strainer

P172 ——— 20  
 ↓                      ↓  
 Nozzle Type      Capacity Size