

# Flat Fan Nozzle S3-F

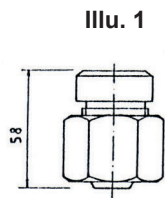
MC

S3-F nozzle mouthpieces with dovetail are fastened with a 1" cap nut

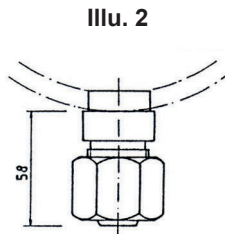
Characteristics and application as type S2, yet larger design

Material: brass, steel, stainless steel, hard metal, other materials on request

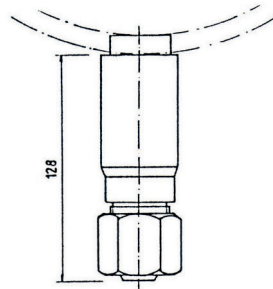
Spray angles available: 25°-30°-40°, others on request



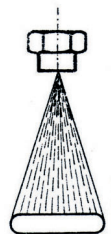
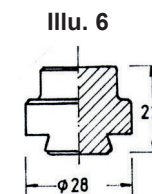
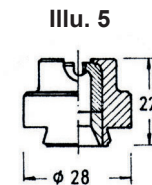
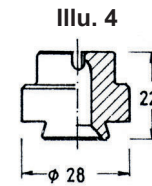
**Variant A**  
with welding nipple



**Variant B**  
with welding nipple  
and pipe radius



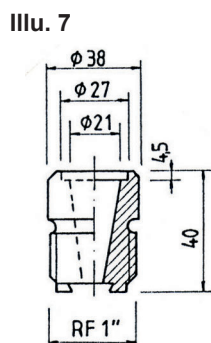
**Variant C**  
with male thread  
connection



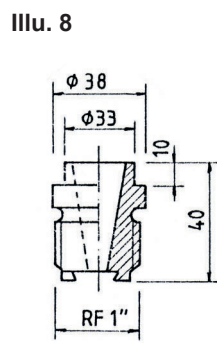
Square  
outlet  
geometry

## Accessories:

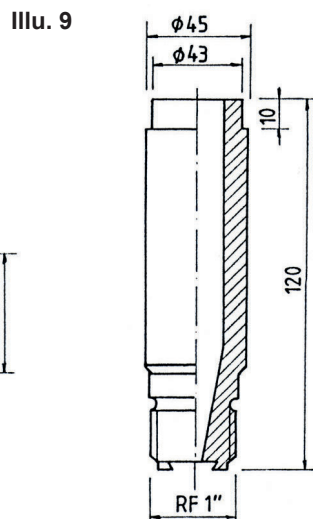
### Welding nipple



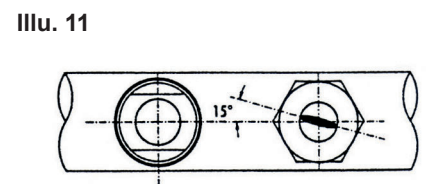
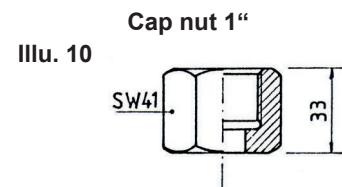
**Variant A**  
**Adapter S3 - A**



**Variant B**  
**Adapter S3 - B**



**Variant C**  
**Adapter S3 - C**



Flat fan nozzles offset by 15°

Order example: (variant - nozzle - material) z.B. variant A - S3-F 70 - 40° V4A

Type	Ø mm	Flow rate $\dot{V}$ (l/min.) at pressure p (bar)															
		bar 20	bar 30	bar 50	bar 70	bar 80	bar 100	bar 110	bar 120	bar 130	bar 140	bar 150	bar 190	bar 200	bar 210	bar 240	bar 250
S3-F 8	1.8	8.2	10.0	12.9	15.3	16.3	18.2	19.1	20.0	20.8	21.6	22.3	24.5	25.8	26.4	28.3	28.8
S3-F 10	2.0	10.2	12.5	16.1	19.1	20.4	22.8	23.9	25.0	26.0	27.0	27.9	30.6	32.2	33.0	35.3	36.0
S3-F 12.5	2.2	12.7	15.6	20.2	23.8	25.5	28.5	29.9	31.2	32.5	33.7	34.9	38.2	40.3	41.3	44.1	45.1
S3-F 15	2.4	15.3	18.7	24.2	28.6	30.6	34.2	35.9	37.5	39.0	40.5	41.9	45.9	48.4	49.6	53.0	54.1
S3-F 20	2.8	20.4	25.0	32.2	38.1	40.8	45.6	47.8	49.9	52.0	53.9	55.8	61.2	64.5	66.1	70.6	71.1
S3-F 25	3.2	25.5	31.2	40.3	47.7	51.0	57.0	59.8	62.4	65.0	67.4	69.8	76.5	80.6	82.6	88.3	90.1
S3-F 30	3.6	30.6	37.5	48.4	57.2	61.2	68.4	71.7	74.9	78.0	80.9	83.8	91.7	96.7	99.1	105.9	108.1
S3-F 32	3.7	32.2	39.5	50.9	60.3	64.4	72.0	75.5	78.9	82.1	85.2	88.2	96.6	101.9	104.4	111.6	113.9
S3-F 40	4.0	40.8	49.9	64.5	76.3	81.6	91.2	95.6	100.0	104.0	107.9	111.7	122.3	128.9	132.1	141.3	144.5
S3-F 50	4.4	51.0	62.4	80.6	95.4	101.9	114.0	119.5	124.9	129.9	134.9	139.6	152.9	161.2	165.2	176.6	180.2
S3-F 55	4.6	56.1	68.7	88.7	104.9	112.3	125.4	131.5	137.3	142.9	148.3	153.5	168.2	177.3	181.7	194.2	198.2
S3-F 60	4.8	61.2	74.9	96.7	114.4	122.3	136.8	143.4	149.8	155.9	161.8	167.5	183.5	193.4	198.2	211.9	216.2
S3-F 70	5.2	71.4	87.4	112.8	133.5	142.7	159.6	167.3	174.8	181.9	188.8	195.2	214.1	225.7	231.2	247.9	252.3