

Fig. 1

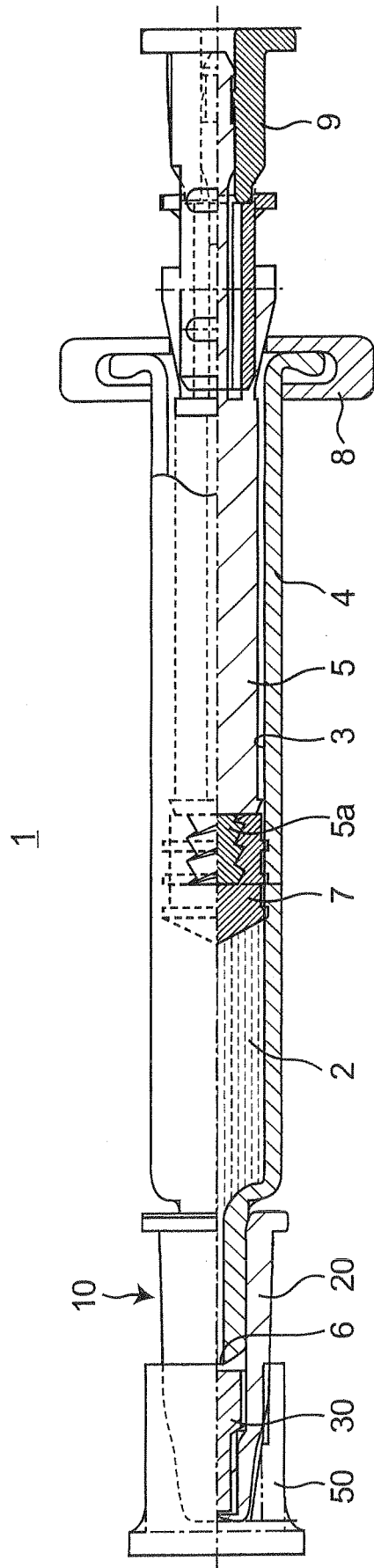


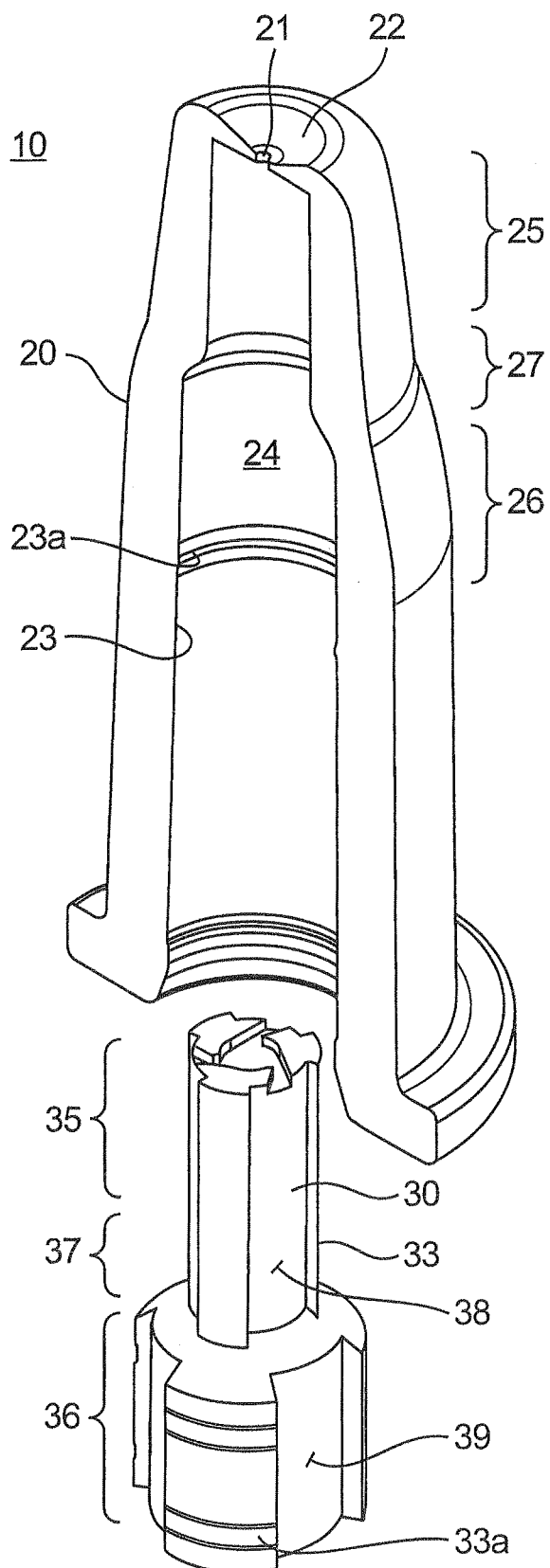
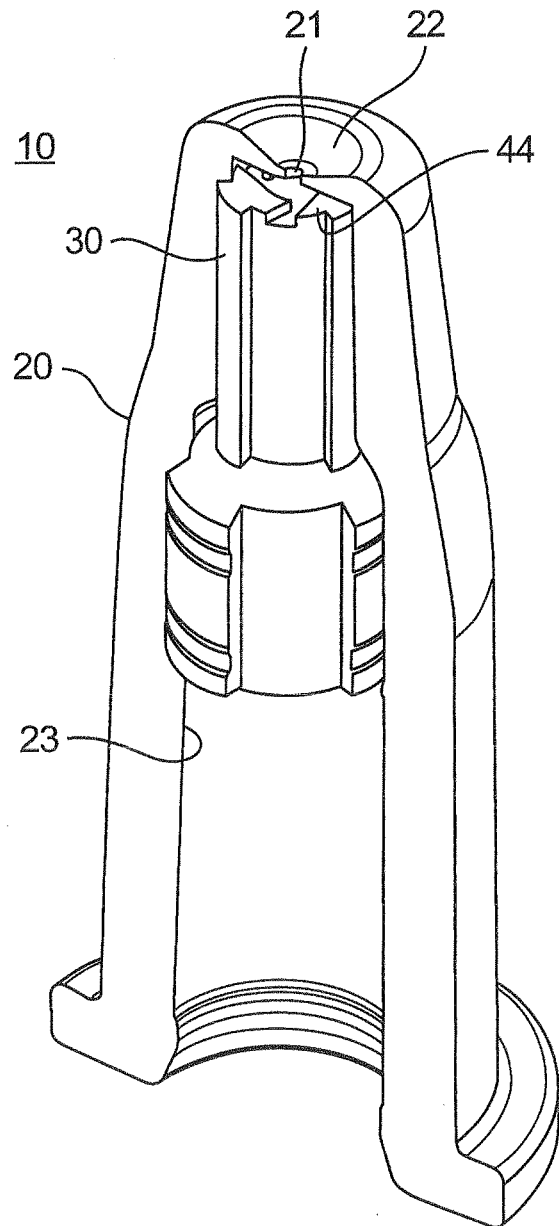
Fig.2A*Fig.2B*

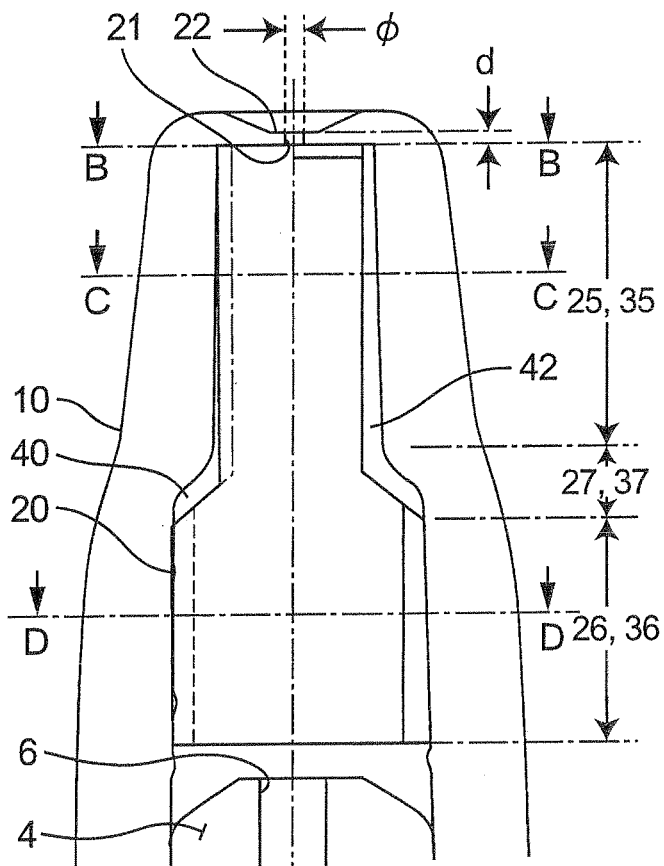
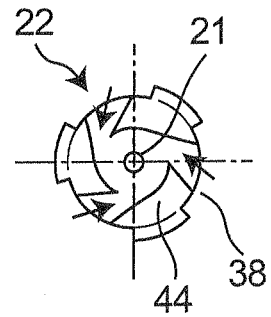
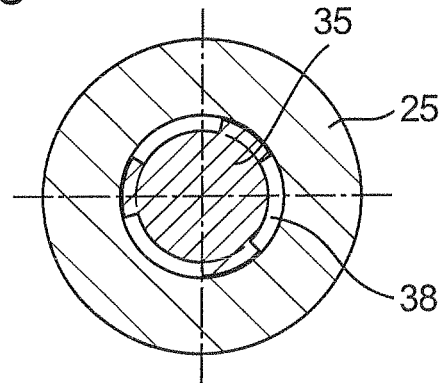
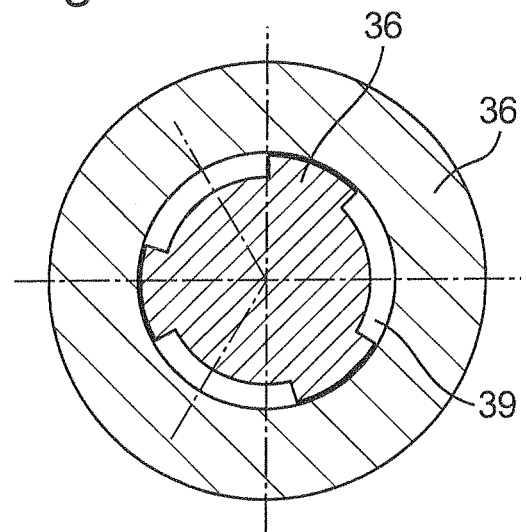
Fig.3A*Fig.3B**Fig.3C**Fig.3D*

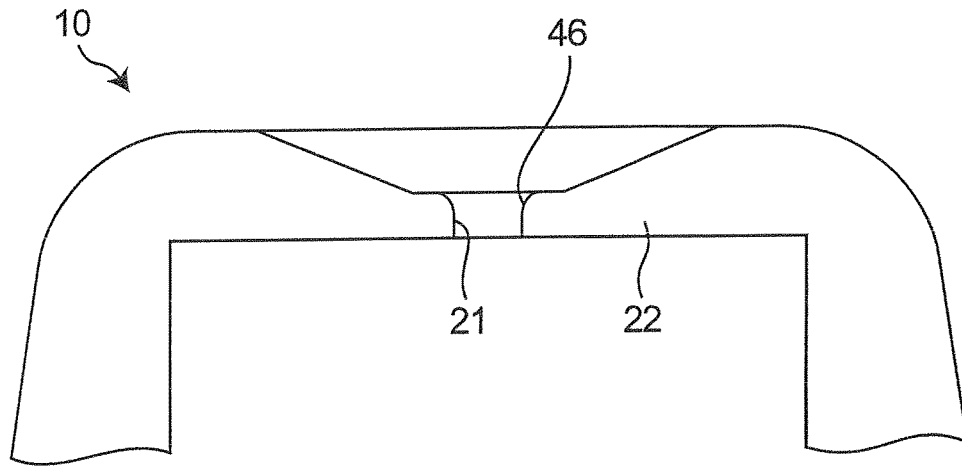
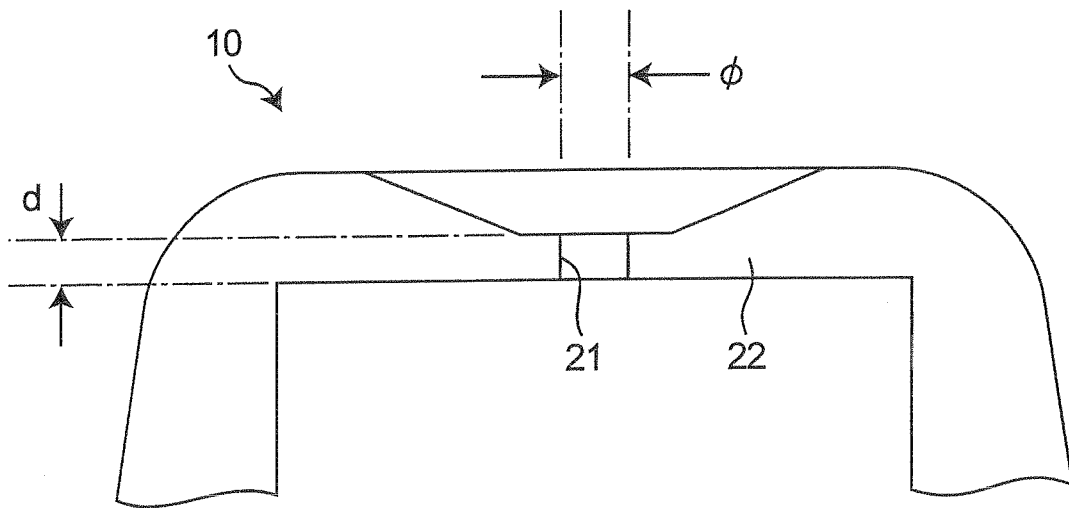
Fig. 4A*Fig. 4B*

Fig. 5

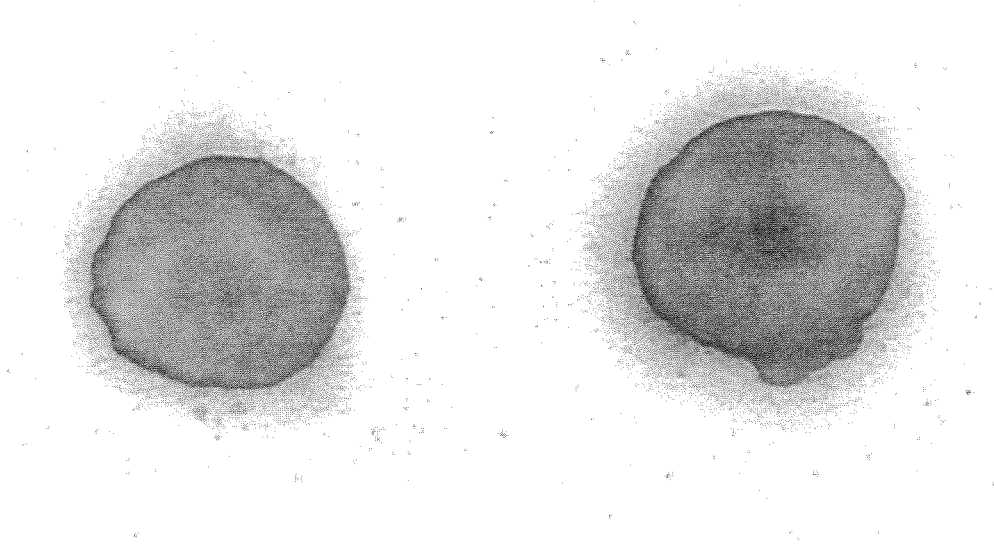


Fig. 6

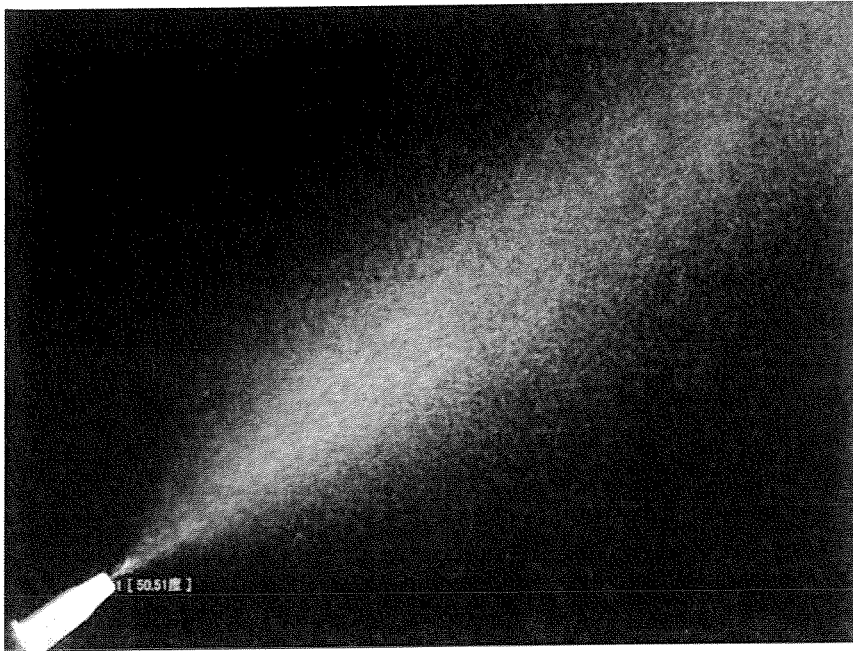


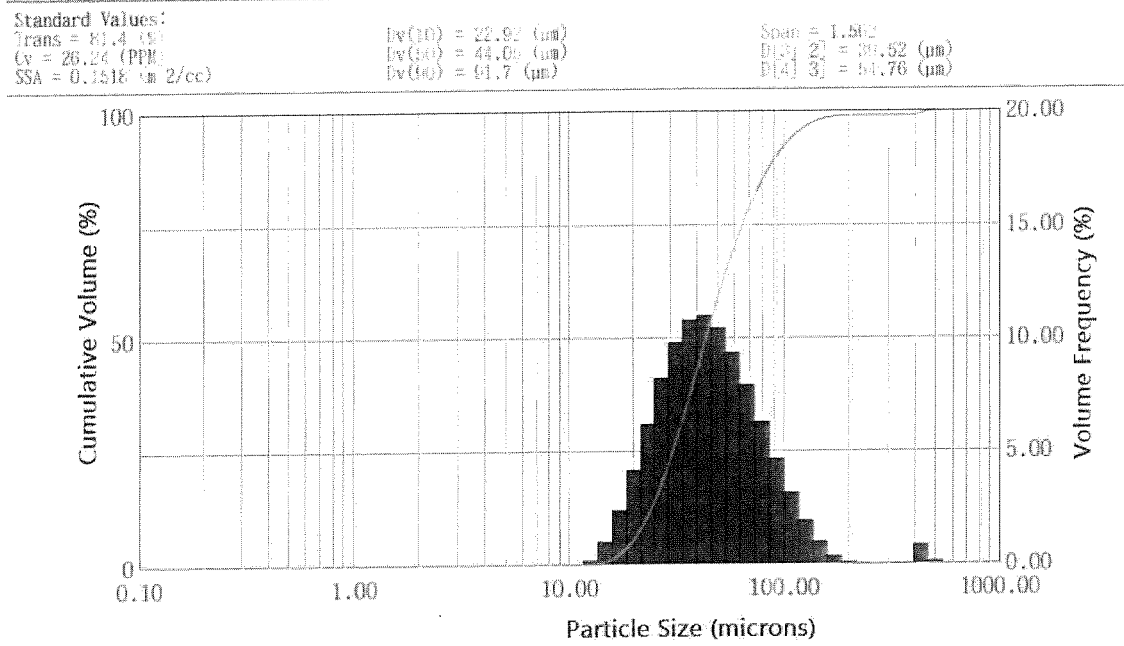
Fig. 7

Fig. 8

Base Material A (PBS)

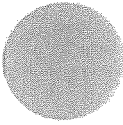
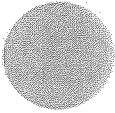
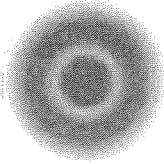
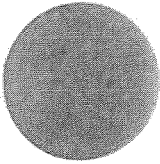
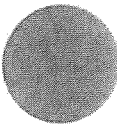
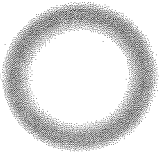
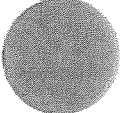
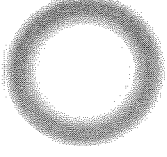
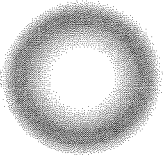
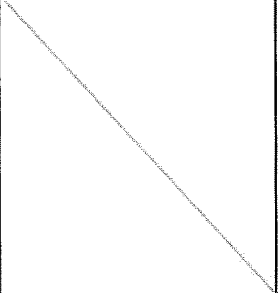
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NG	nozzle g diameter $\phi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle i diameter $\phi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\phi=0.45$ mm thickness $d=0.25$ mm NO curved portion	NG	nozzle k diameter $\phi=0.55$ mm thickness $d=0.25$ mm NO curved portion	NG
						

Fig. 9

Base Material B1

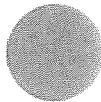
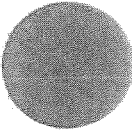
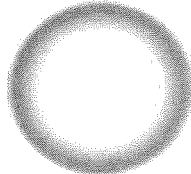
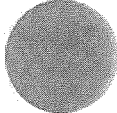
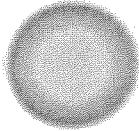
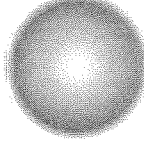
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NG	OK	NG	NG	NG	
nozzle g diameter $\varphi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle h diameter $\varphi=0.40$ mm thickness $d=0.25$ mm NO curved portion	nozzle i diameter $\varphi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\varphi=0.45$ mm thickness $d=0.25$ mm NO curved portion	nozzle k diameter $\varphi=0.55$ mm thickness $d=0.25$ mm NO curved portion	
					

Fig. 10

Base Material C1

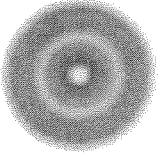
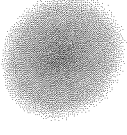
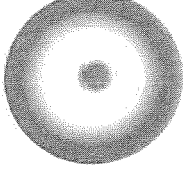
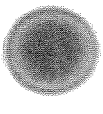
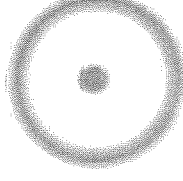
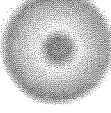
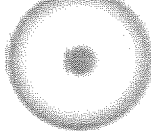
NG	NG	NG	NG	NG	NG
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NG	NG	NG	NG	NG	
nozzle g diameter $\varphi=0.30$ mm thickness d=0.25 mm YES curved portion	nozzle h diameter $\varphi=0.40$ mm thickness d=0.25 mm NO curved portion	nozzle i diameter $\varphi=0.40$ mm thickness d=0.25 mm YES curved portion	nozzle j diameter $\varphi=0.45$ mm thickness d=0.25 mm NO curved portion	nozzle k diameter $\varphi=0.55$ mm thickness d=0.25 mm NO curved portion	
					

Fig. 11

Base Material C2

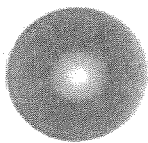
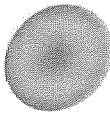
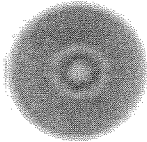
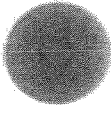
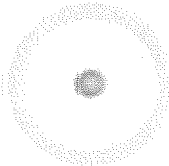
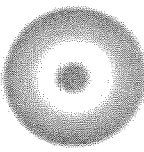
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NG	NG	NG	NG	NG	
nozzle g diameter $\phi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle h diameter $\phi=0.40$ mm thickness $d=0.25$ mm NO curved portion	nozzle i diameter $\phi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\phi=0.45$ mm thickness $d=0.25$ mm NO curved portion	nozzle k diameter $\phi=0.55$ mm thickness $d=0.25$ mm NO curved portion	
					

Fig. 12

Base Material D

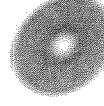
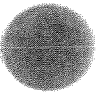
NG	NG	NG	NG	NG	NG
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NG	NG	NG	NG	NG	
nozzle g diameter $\varphi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle h diameter $\varphi=0.40$ mm thickness $d=0.25$ mm NO curved portion	nozzle i diameter $\varphi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\varphi=0.45$ mm thickness $d=0.25$ mm NO curved portion	nozzle k diameter $\varphi=0.55$ mm thickness $d=0.25$ mm NO curved portion	
					

Fig. 13

Base Material E1

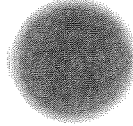
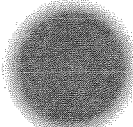
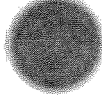
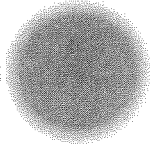
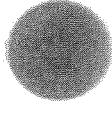
OK	NG	OK	OK	OK	OK
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NG	OK	OK	OK	OK	
nozzle g diameter $\phi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle h diameter $\phi=0.40$ mm thickness $d=0.25$ mm NO curved portion	nozzle i diameter $\phi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\phi=0.45$ mm thickness $d=0.25$ mm NO curved portion	nozzle k diameter $\phi=0.55$ mm thickness $d=0.25$ mm NO curved portion	
					

Fig. 14

Base Material E2

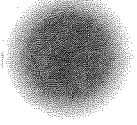
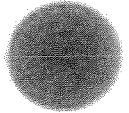
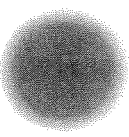
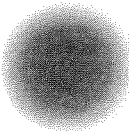
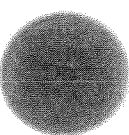
OK		OK		OK		OK		OK		NG	
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NG		OK		OK		OK		OK			
nozzle g diameter $\phi=0.30$ mm thickness $d=0.25$ mm YES curved portion		nozzle h diameter $\phi=0.40$ mm thickness $d=0.25$ mm NO curved portion		nozzle i diameter $\phi=0.40$ mm thickness $d=0.25$ mm YES curved portion		nozzle j diameter $\phi=0.45$ mm thickness $d=0.25$ mm NO curved portion		nozzle k diameter $\phi=0.55$ mm thickness $d=0.25$ mm NO curved portion			

Fig. 15

Base Material E4

OK	OK	NG	OK	OK
nozzle a diameter $\varphi=0.25$ mm thickness $d=0.15$ mm NO curved portion	nozzle b diameter $\varphi=0.25$ mm thickness $d=0.25$ mm NO curved portion	nozzle c diameter $\varphi=0.26$ mm thickness $d=0.25$ mm YES curved portion	nozzle d diameter $\varphi=0.30$ mm thickness $d=0.13$ mm NO curved portion	nozzle e diameter $\varphi=0.30$ mm thickness $d=0.20$ mm NO curved portion
				
NG	OK	OK	OK	OK
nozzle g diameter $\varphi=0.30$ mm thickness $d=0.25$ mm YES curved portion	nozzle h diameter $\varphi=0.40$ mm thickness $d=0.25$ mm NO curved portion	nozzle i diameter $\varphi=0.40$ mm thickness $d=0.25$ mm YES curved portion	nozzle j diameter $\varphi=0.45$ mm thickness $d=0.25$ mm NO curved portion	nozzle k diameter $\varphi=0.55$ mm thickness $d=0.25$ mm NO curved portion
				