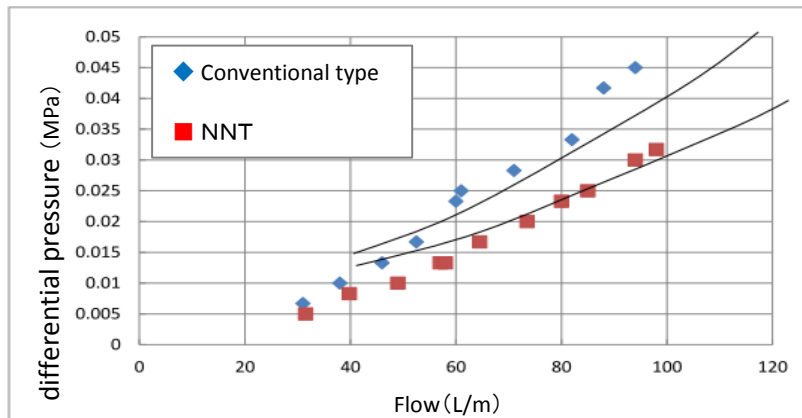
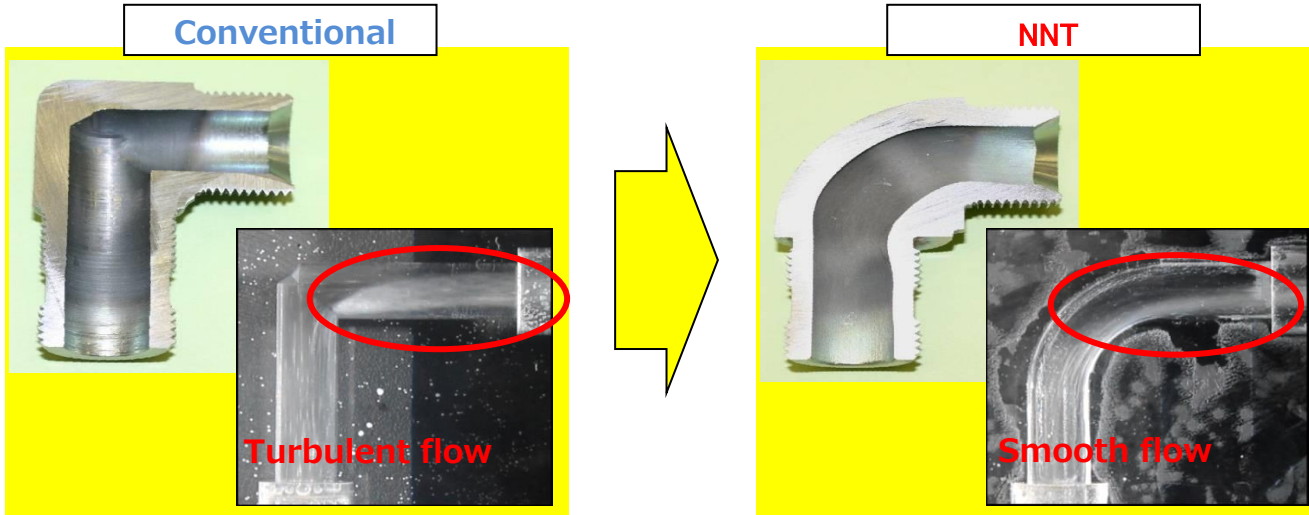


# NNT Smooth Flow Fitting

**Flow smoothly  $\Rightarrow$  LOW Pressure drop · Noise · Vibration**

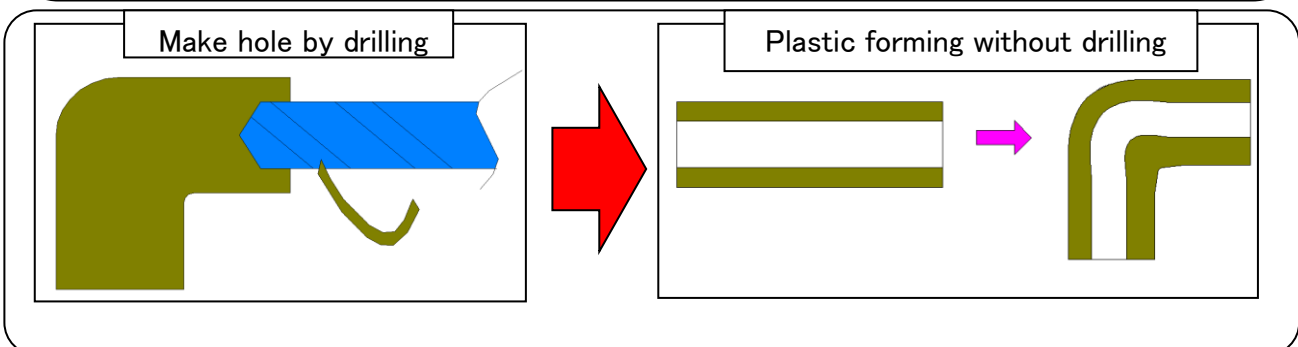
**Reduce pressure drop, Save wasteful energy**







Features of NNT

- Reduce pressure drop by 20% by curved flow path (60L/min)
- Reduce noise by 2~3dB

**NNT is made by different manufacturing concept**



# Comparison table / conventional fitting and NNT

Conventional		Items	NNT		
Ref. photo	Weight		Weight	Ref. photo	
	293g	Weight raw material	177g		
<b>116g</b>					
	202g	Weight product	150g		
<b>52g</b>					
	91g	Weight chips	27g	<b>Save energy</b>	
<b>Noise</b>	Size	Type	Flow rate • velocity • oil temp	2MPa Normal flow	0→10MPa Impulsive flow
	3/8 Hole size Φ 7.5	NHL201 (NNT)	F-R: 54. 5L/min F-V: 20. 57m/s O-T: 46~47°C	<b>82.6</b>	<b>84.4</b>
		SHL201 (Conv)		<b>84.7</b>	<b>87.8</b>
		Noise around		49.0	55.8

<b>Vibration</b>	Size	Mes. point	Sample Hose 3/8	Vibration acceleration m/s <sup>2</sup> (peak value)			F-R L/min	O-T °C	Press Mpa
				X-direction	Y-direction	Z-direction			
	3/8	A		NNT	35.1 (160.5)	35.7 (162.5)	20.1 (89.3)	62.0	46.0
Conv.				45.9 (181.2)	46.3 (203.5)	24.8 (122.4)			
B		NNT	34.6 (137.5)	39.6 (161.7)	15.9 (72.1)				
		Conv.	41.7 (192.6)	55.1 (294.4)	30.3 (133.0)				

## NNT compliant products



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