

# INNER-FIT

## Current material / method / structure etc.

- Machined stud : High cost, Indisposition to mass production,  
Burr appears on the top of stud after press fitting.
- Most of chasis are made from Aluminium.  
So if steel stud is used on that chasis, Recycling will be very difficult.

Solution by INNER-FIT

## New material / method / structure etc.

- Change process of manufacture : Machinning → Heading & Rolling

### [Effects]

- Cost reduction
- No waste of raw material
- Secure supply in stable quality for mass production
- No burr on the top of stud

- Change material to Aluminium.

As it is same material as chasis, recycling will be much easier than previous.

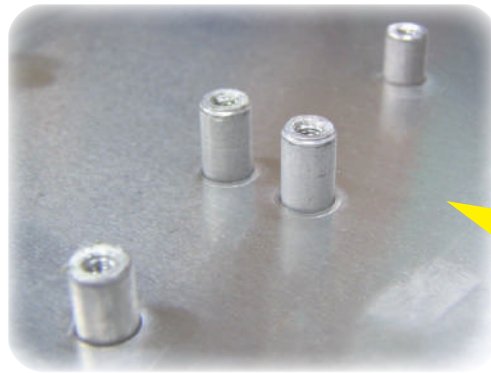
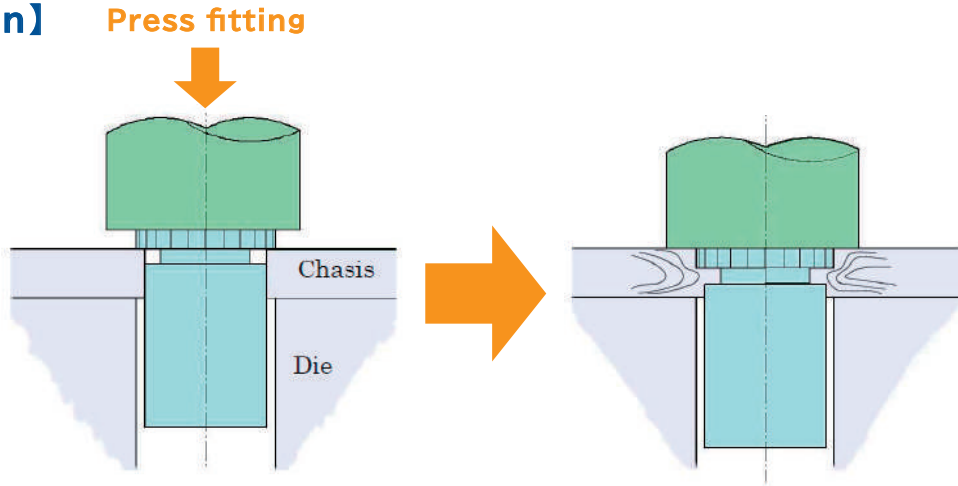
- Workability will raise by simultaneous use with retainer type.



Retainer type

# INNER-FIT

**【Installation】**



**It doesn't need you to remove burr around installation hole.**

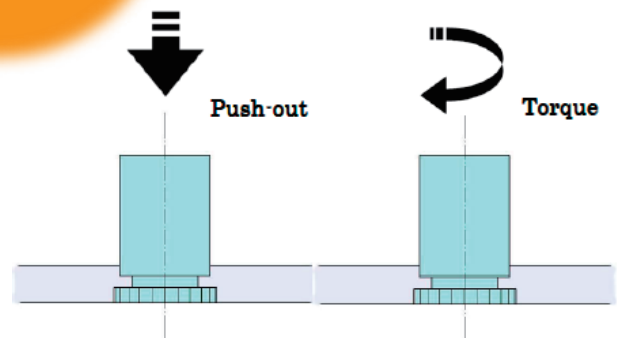
**【Performance】**

- Test condition
- 1. Chasis : Aluminium panel A5052
- 2. Hole dia. :  $\phi 6.2$  /  $\phi 11.05$
- 3. Dia. Of die :  $\phi 6.2$  /  $\phi 11.05$

\*Performance data shown are results obtained under laboratory test conditions.  
For other condition, please consult to our application specialists.

- **ALUMI-TITE**  
It gives you cost reduction and improve of workability by selftapping.
- **CP-GRIP**  
It merges metal chips by special coating. It prevents short circuit.

**You can get additional value by combination with NITTOSEIKO's unique products!**



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