NITTO SEIKO'S SPECIAL FASTENER FOR THERMOPLASTIC ALLOY

INNER-FIT ® PAT.P

<Current material/method/structure etc.>

●Machined stud
High cost
Indisposition to mass production
Burr appears on the top of stud after press fitting.

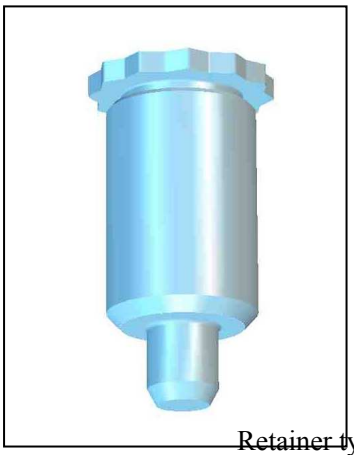
●Most of chasis are made from Aluminium.
So if steel stud is used on that chasis, Recycling will be very difficult.

<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.

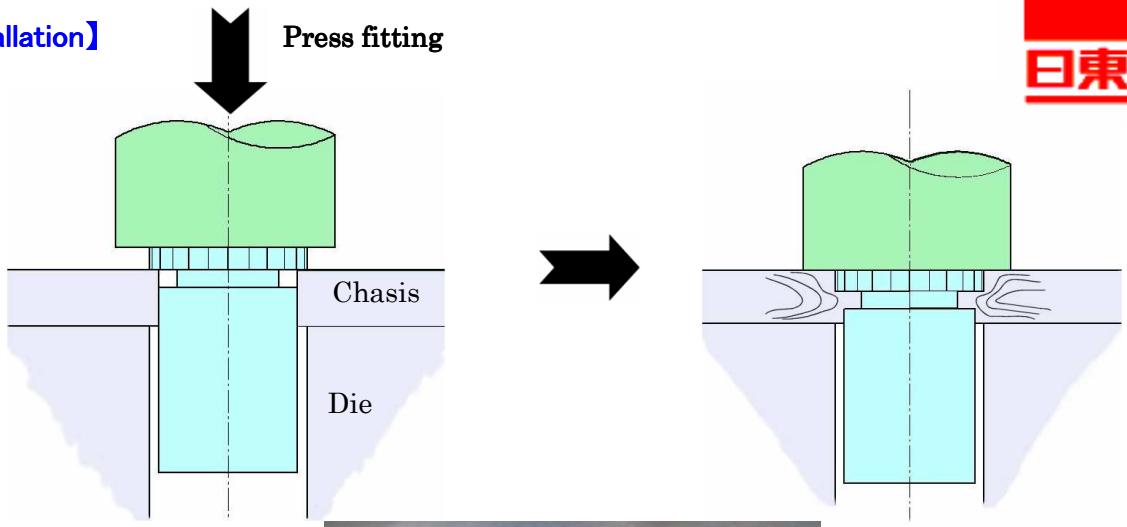


Retainer type

INNER-FIT ®

PAT.P

【Installation】

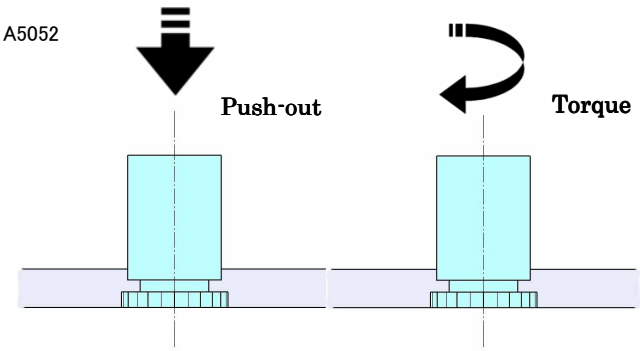


It doesn't need you to remove burr around installation hole.

【 Performance 】

● Condition of test

Chasis	:	Aluminium panel A5052
Hole dia.	:	φ6.2 / φ11.05
Dia. Of die	:	φ6.2 / φ11.05



※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 Nitto Seiko's unique products!

NITTO SEIKO CO., LTD.

1-6-4, Honjo-nishi,
Higashiosaka, Osaka,
578-0965,
Japan

Tel : 81-6-6745-8392
Fax : 81-6-6745-8372
E-mail : sales@nittoseiko.co.jp
URL : http://www.nittoseiko.co.jp/