

Technology introduction

APR-2022



Introduction

"Ironing technology & two-parts integration" using hydraulic presses.

Example : "Integration" of 2 dissimilar materials using a hydraulic press.

Generally, when joining sleeve and flange, adhesives or other materials are used to ensure joint strength but it has the disadvantages. As coating of adhesive, drying and removal of overspilled adhesive, etc. take longer work-hours.

We are introducing the integration technology without using adhesives or other materials, ensuring the high pull-out strength more than 200 kg.

Material: (1) Sleeve Pipe A6063, (2) Flange A2017, etc.



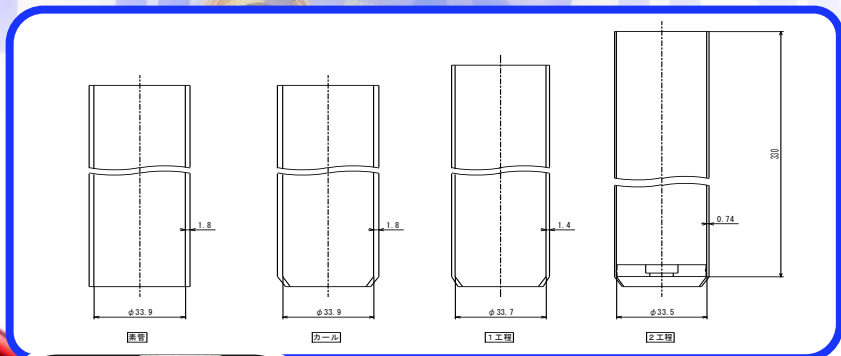
Sleeve Pipe



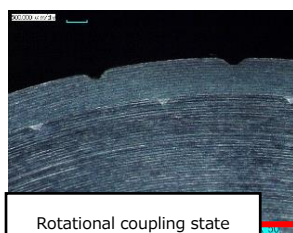
Flange



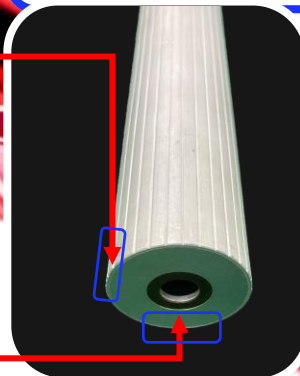
Sleev Assy



Thrust directional coupling state



Rotational coupling state



Regarding ironing,
We obtained "joint patent" with a
major company.

We are mass-producing.

Patent No. 2101566

" Cylindrical member "



PRECISION INDUSTRY



GUNMA SEIKO

※ If you have any questions or concerns, please feel free to contact us.