

DAMAGE-REPAIRING METHOD OF TRANSITION PIECE AND TRANSITION PIECE

ABSTRACT

5 A damage-repairing method of a transition piece in an
embodiment includes; an oxide removing step of removing an oxide
on an outer surface 20b of an inner duct 20 of a transition piece
10 having damage; a repair material placing step of placing a brazing
repair material 80 on the outer surface 20b of the inner duct 20
10 so as to cover the damage; and a diffusion brazing step of diffusion
heat treating the inner duct 20 to repair the damage formed in the
outer surface 20b. The damage-repairing method of the transition
piece includes: a pressurized heat treating step of, under high
pressure, heat treating the inner duct 20; a surface finishing step
15 of scraping off the brazing repair material 80 projecting from the
outer surface 20b; and a non-pressurized heat treating step of
solution heat treating and aging heat treating the inner duct 20
under non-pressure.

20 Figure 2