

Development of Motiontite

No.6

"Motiontite" is excellent in die-cast aluminum tightening. An ordinary screw, in which pulling occurs between a contact seat surface and mainly three tightened threads among entire threads, can suffer a collapse of the contact seat surface or deformation of a female screw on the die-cast aluminum side. "Motiontite," in which a load is distributed over an entire range of fit, can perform more balanced tightening than the ordinary screw, in which the load concentrates in the three threads.

Last year, we successfully entered into product sales contracts with one company in Taiwan and another company in Vietnam. Thus, we could bring "Motiontite" to overseas at last, but overseas deployment of new products is still quite a challenging task. In anticipation of deployment in Europe and the United States in the future, we wish to appeal its performance more and more.

Now, this year's target is to develop "anti-loosening self-tapping screws." We tackle new subjects every year. Especially we're excited now because this is the first time for us to develop the self-tapping screws. The self-tapping screw has a high freedom of design, which will allow us to design adventurous shapes of the self-tapping screws advantageously. Its design concept is the same as that of "Motiontite," and is about how to make it possible to pull an axis. The screw having the axis pulled correctly would not loosen easily. This fact taken for granted is actually the most difficult, but we expect we can make it based on our experiences up to now.

Someday, various kinds of "Motiontite" serve as de facto standards of markets and prevent accidents caused by loosening of screws. This is our motivation for the development.

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