

Expanite/ Cendres+Métaux

Expanite is a company in Denmark who claim to have a super, duper hardening process for stainless steels. Their name has been growing in the industry over the past 8 years and according to this press release they have made a great stride forward by convincing a Swiss supplier of watch parts that their technology makes a great deal of sense. **February 28, 2018**

“Cendres+Métaux is the leading supplier of precious metal parts to the Swiss watch industry with a long history of innovation and excellence. With its recent acquisition of PRG Manufacture SA it is venturing into high-performance non-precious materials and now has the know how to provide true one-stop-shop solutions to clients for cases, bracelets, buckles and movement parts. Expanite is a stainless steel surface hardening specialist founded in 2010 and based near Copenhagen, Denmark that has developed a unique patented process that increases the surface hardness of stainless steels by up to 10 times, while maintaining or even improving corrosion resistance. The process is suitable for austenitic, ferritic, martensitic, duplex stainless steels and even gr.5 titanium. Parts can be treated with within a few days, which is previously unheard of in the industry. Expanite’s technology can significantly increase the intrinsic value of products across many industries; from knives, valves, mixers, and grinders for the food industry, to pumps and extruder screws, or injection parts for the automotive sector, as well as small screws, bolts, and washers. The technology is already being used in the watch industry on movement and case components but both Cendres+Métaux and Expanite are convinced that the collaboration will push towards making the hardening technology an industry standard.”

