

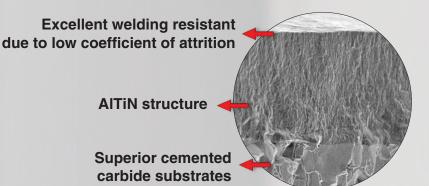


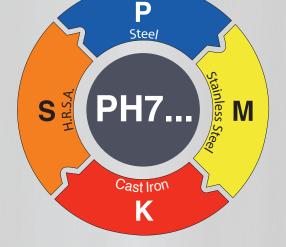
PH7... series

New PVD coated grades for efficient milling of steels, stainless steels and high resistant temperature alloys.

- Longer tool life up to 30%, more than PH6...
 - Higher cutting speeds
 - Wide application range

Superior coating layer **AITIN** with high hardness and oxidation resistance at high temperature combined with special designed substrates ensures high wear resistance and longer tool life.





New PH7... series

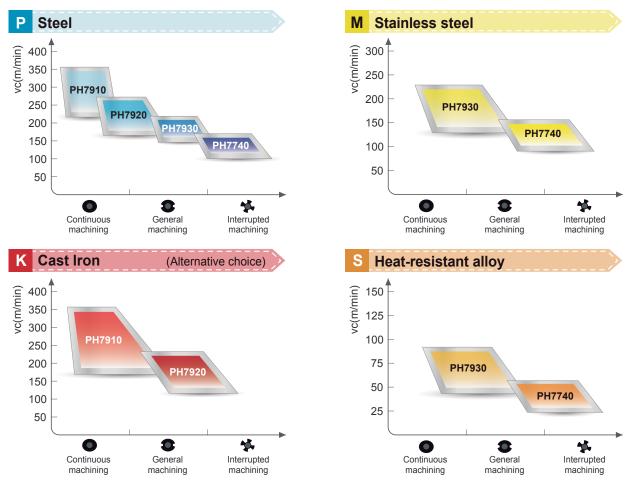
New PVD coated grades for efficient milling of steels, stainless steels and high resistant temp-alloys.



Grades Description



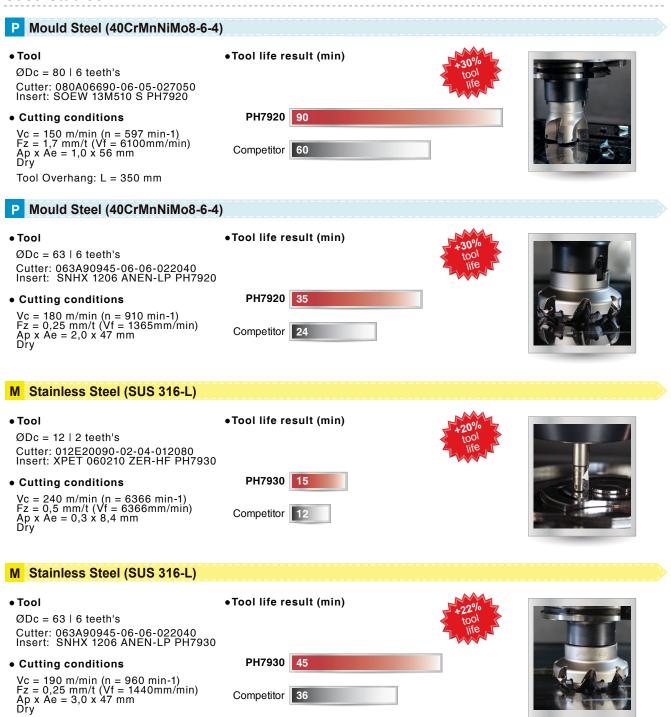
Milling Grades Line Up



New PH7... series



Case Studies



S Heat-resistant alloy (Ti 5AI-5Mo-5V-3Cr)

Tool

ØDc = 12 | 2 teeth's Cutter: 032W06410-04-02-032150 Insert: SOET 080315-MS PH7740

• Cutting conditions

Vc = 35 m/min (n = 348 min-1) Fz = 0,8 mm/t (Vf = 1113mm/min) Ap x Ae = 0,5 x 22,4 mm Wet

| ●Tool life result (min) | +20% tool life |
|-------------------------|----------------------|
| PH7740 45 | |
| Competitor 35 | |

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