

Milling: Titanium, Inconel, Stainless Steel



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- **Square shoulder milling: Roughing & Finishing:**

- **Machining of pockets, square shoulder of faces...**

OrbiSaf (RAMPING)

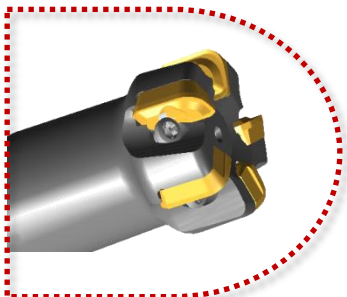
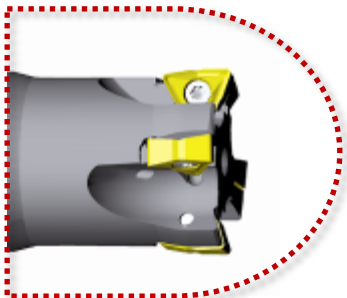
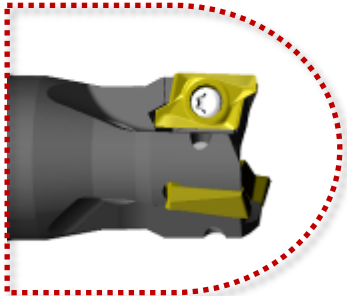
- 4 Insert sizes, 3 types of inserts (HF, square shoulder, radius),
- 2 cutting edges, radius from 0,8 to 6 mm
- 3 Geometries (11, 31, 41), grades 2003, 5020, 5050
- Cutters from Ø 12 to 160

Compact 90° (NO RAMPING)

- 3 Insert sizes, 6 cutting edges, radius of 0,8 mm
- 2 Geometries (12, 42), grades 2003, 5020, 5050
- Cutters from Ø 12 to 80

Polymill (RAMPING)

- 3 Types of inserts (HF, square shoulder, radius)
- 2 cutting edges, radius from 0,4 to 6 mm
- 2 Geometries (11, 41), grades 2003, 5020, 5050
- Cutters from Ø 25 to 80



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- Surfacing: Roughing



Penta 45 (RAMPING)

- 1 Insert size, 5 Cutting edges, Radius from 3 mm and larger
- 2 Geometries (41 & High Speed), Grades 2003, 5020, 5050
- Cutters from \varnothing 50 to 160



Penta 60 (RAMPING)

- 1 Insert size, 5 Cutting edges, Radius of 3 mm or wider
- 1 Geometry (41), Grades 2003, 5020, 5050
- Cutters from \varnothing 40 to 160



Penta High Feed (RAMPING; PLUNGE DRILLING)

- 1 Insert size, 5 Cutting edges, Radius from 3 mm or wider
- 1 Geometry (11, 41), Grades 2003, 5020, 5050
- Cutters from \varnothing 32 to 100

Milling: Titanium, Inconel, Stainless Steel

- Copying: Roughing, Semi-Finishing, Finishing



SR SAF

- 4 Geometries (11, 31, 51, 71)
- Grades 2003, 5020, 5050
- Cutters from Ø 10 to 50



SM SAF

- 1 Geometry (41)
- Grades 2003, 5020, 5050
- Cutters from Ø 16 to 32

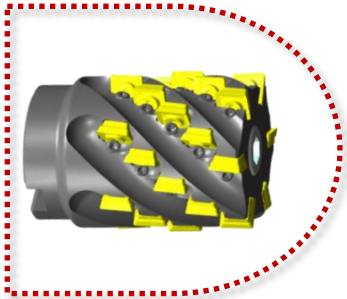


ARAF (Finishing)

- 1 Geometry (41), 3 Types of Inserts (PPH, PPHT, PPHF)
- Grades 2003, 5020
- Cutters from Ø 6 to 32

Milling: Titanium, Inconel, Stainless Steel

- **Contouring : Roughing & Finishing**



Long Edge

- 1 Insert size, 4 cutting edges, radius of 0,8 mm and 3 mm
- 2 Geometries (21 et 41), grades 2003, 5020, 5050
- Cutters from Ø 40 to 80

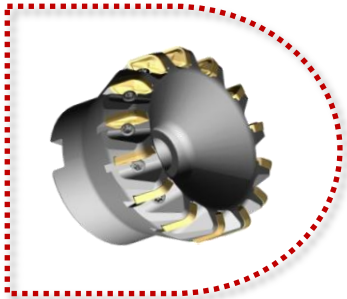


CT SAF

- 3 Insert sizes, 2 types of inserts (square shoulder, radius),
- 2 Cutting edges, radius from 0,8 to 2,4 mm
- 3 Geometries (11, 31, 41), grades 2003, 5020, 5050
- Cutters from Ø 25 to 63

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- **Surfacing: Finishing**



 Safety



Polymill (RAMPING)

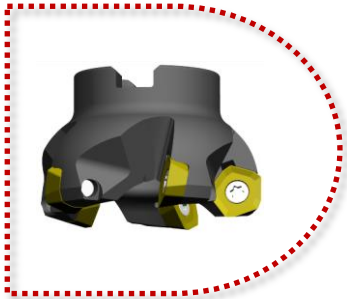
- 3 Types on inserts (HF, square shoulder, radius)
- 2 Cutting edges
- Radius from 0,4 to 6 mm
- 2 Geometries (21 et 41), grades 2003, 5020, 5050
- Cutters from \varnothing 40 to 80

Aero Finish (RAMPING)

- 3 Insert sizes, 2 types of inserts (square shoulder, radius),
- 2 Cutting edges, radius from 0,8 to 2,4 mm
- 3 Geometries (11, 31, 41), grades 2003, 5020, 5050
- Cutters from \varnothing 25 to 63

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- **Plunge Drilling:**



Penta High Feed (RAMPING, PLUNGE DRILLING)

- 1 Insert size, 5 Cutting edges, Radius of 3 mm and larger
- 1 Geometry (41), Grades 2003, 5020, 5050
- Cutters from \varnothing 32 to 100



Quadri SP (PLUNGE DRILLING)

- 1 Insert size, 4 Cutting edges
- 2 Geometries (21, 41), Grades 2003, 5020, 5050
- Cutters from \varnothing 50 to 100

The End!



FOR MORE DETAILS:

| Tel: 0860 23 23 23

| Fax: 0860 33 22 33

| Website: www.spectra-sa.co.za

| E-mail: spectra@spectra-sa.co.za

SPECTRA CARBIDE TOOLING TECHNOLOGY (PTY) LTD.

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