



HYP-EMS-VG7

High efficiency in difficult to machine applications.



HYP-EMS-VG7

Designed for performance, produced in the UK.

By utilising high metal removal rates and strong tool design the HYP-EMS-VG7 provides exceptional performance whilst maintaining cycle security.

With sizes ranging from 10.00mm to 20.00mm with square corners as well as radius edges, the VG7 is a versatile option for applications where you face a mixture of challenges such as:

- Unstable roughing conditions,
 - Low powered machines
 - The requirement for a good surface finish
- or simply the need to remove a large amount of material in the quickest time.

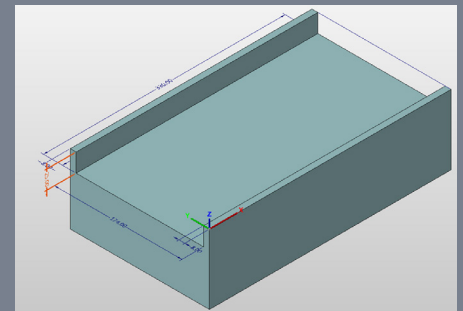
Interested in learning more? Follow the QR code on this flyer to see specifications as well as cutting data.

Application Test: Roughing Titanium Grade 5 (Ti6Al4V) with HYP-CR-VG7-EMS

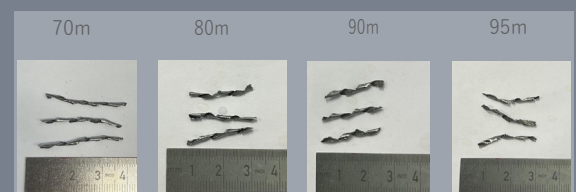
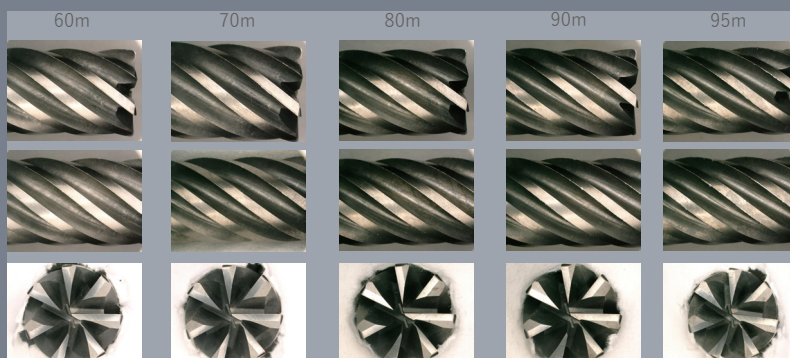
Machine: GROB G350
Spindle: HSK-A63
NC System: Siemens840 D
Coolant Pressure: 60 Bar



Cutter Dia (mm)	12.0
Vc (m/min)	94
Fz (mm/t)	0.12
Vf (mm/min)	2094
Ap (mm)	32
Ae (mm)	0.8
MRR (cm ³ /min)	53,61
Coolant	9% Emulsion



Test piece: 190mm x 330mm x 95mm



From our testing we found the HYP-EMS-VG7 supplied stable cutting performance all the way up to 95m cut length whilst also producing consistent chip form. The VG7 range produced low machine load and massively reduced vibrations compared to traditional methods.