



List 7501 - EXOPRO® AERO-STAD
List 7520 - EXOPRO® AERO-LHX
List 7500 - EXOPRO® AERO-D-REAM
List 257 - CARBIDE AERO-D-REAM

Work Material	Carbon & Glass Fiber Reinforced Plastics	
Cutting Speed	165 - 260 SFM	
Drill Diameter (in)	Speed RPM	Feed IPR
#40	8,000	0.0008 - 0.0020
#30	6,100	0.0008 - 0.0030
#20	4,900	0.0012 - 0.0030
#11	4,100	0.0012 - 0.0030
#2	3,550	0.0014 - 0.0040
1/4	3,100	0.0016 - 0.0040
5/16	3,170	0.0016 - 0.0040
3/8	2,100	0.0020 - 0.0040
7/16	1,790	0.0020 - 0.0040
1/2	1,570	0.0020 - 0.0040

1. Coolant is not needed, however, make sure dust is efficiently collected.
2. Peck drilling is not needed if drilling depth is less than 3D.
3. The machinability of CFRP depends on physical makeup and percentage of contents, both speed & feed may need adjustments depending on material.
4. Feed rate can be and should be adjusted depending on surface layer makeup.
5. Feed rates can be increased when an approved coolant is utilized.
6. Please contact OSG for specific application questions.

