



Alro *Plastics*

Sheet • Rod • Tube • Film • Profiles • Machined Parts

Drilling & Tapping

Alro Plastics offers drilling, part tapping and Helicoil inserts. Our FlexArm tapping machine will take care of prep work such as reaming, chamfering and deburring. Eliminate setup time in the mill and reduce material handling.

Save time and money by easily articulating a FlexArm tapping arm directly over the work piece. The FlexArm keeps the Helicoil insertion tool perpendicular to the work piece. The depth control ability offers consistency from part to part whether tapping or inserting helicoils.



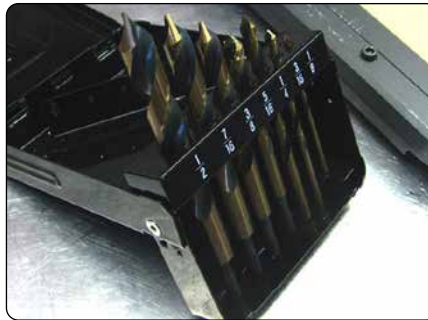
Helicoil Size Offerings:

- **Standard:** 8-32, 10-24, 10-32, 1/4-20, 3/8-20 and 1/2-13
- **Metric:** M3-0.5, M4-0.7, M5-0.8, M6 x 1.0, M8 x 1.25 and M10 x 1.5



Flexibility

Drilling, tapping and Helicoil insertion



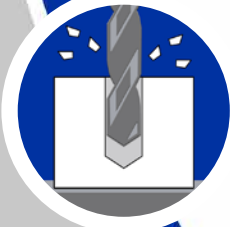
Plastic Drilling

Reduce cracking, crazing & stress of drilling



Helicoil Inserts

Perpendicular to work piece at all times



Shapes	Thickness	Width	Length	Tolerance
Sheet / Flat stock mostly Some exceptions	1/4" to 4"	1/2" to 120"	1/2" to 120"	Varies by job, please inquire

** This chart is for reference only, please call for specifics. Tolerance listed is a standard and may vary by material.*



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SINCE 1987

PRODUCTS

All trademarks listed below are the property of their respective owners.

ABS	Foamlite®	Nyloil®	PVDF	TIVAR® 1000
Acetal Copolymer	Fluorosint®	Nylon	Radel®	TIVAR® 88
Acetron® GP	G10 / FR-4	Optix®	Reprocessed UHMW	Tooling Board
Acrylic	GPO-3	Palight®	Rubber	Torlon® PAI
Boltaron®	HDPE	Palsun®	SafPlate®	Tuffak®
Cast Nylon	Hydex® 202/301	PBT	SafRail™	UHMW-PE
Chemgrate®	Hydex® 4101/4101L	PEEK	Sanalite®	Ultem®
Clear PVC	Hydlar®	PET	Semitron®	Urethane
Composolite®	Industrial Laminates	PETG	Sustarin® C	VHMW-PE
Corrugated	Ketron® PEEK	Phenolic	Tecaform®	Vivak®
CPVC	King ColorCore®	Plexiglas®	Tecasint™	Zelux®
Cutting Board	King Hy-Pact®	Polycarbonate	Techtron® PPS	
Delrin®	King StarBoard®	Polyethylene		
Densetec®	KomaALU®	Polypropylene		
Detectables	KomaTEX®	Polystyrene		
DuraDek®	Kynar® PVDF	Polysulfone		
DuraGrate®	LDPE	PPS		
DuraGrid®	Life Science Grades	Precision Board Plus		
DuraTread®	LubX® C / CV	Profiles		
Duratron®	MC® 901/MC® 907	Propylux®		
Ertalyte®	Medical Grades	Proteus® LF PP		
Extren®	Micarta®	PTFE / TFE		
Extrusions	Noryl® PPO	PVC		
Fiberglass Grating	Nyla-Glide GR™	PVC Foam Sheet		
Films	Nylatron®			



PROCESSING



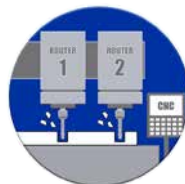
Panel Saw Cutting
Sheets up to 8" thick



Band Saw Cutting
Rounds up to 18" dia.



Waterjet
Sheets up to 10" thick



Routing
Sheets up to 4" thick



Milling
Pieces up to 6" thick



Welding
Hot Gas & Extrusion

LOCATIONS

JACKSON

2218 Enterprise
Jackson, MI 49204
Ph: (517) 787-5500

DETROIT

1750 E. Heights Drive
Madison Heights, MI 48071
Ph: (800) 877-2576

GRAND RAPIDS

4670 60th S.E.
Grand Rapids, MI 49512
Ph: (616) 656-2820

EVANSVILLE

1414 Baker Avenue
Evansville, IN 47710
Ph: (812) 424-5554

CHICAGO

279 Madsen Drive
Suite #102
Bloomingdale, IL 60108
Ph: (888) 877-2576

CLEARWATER

12171 62nd Street
Suite #150
Largo, FL 33773
Ph: (727) 573-1480

LOUISVILLE

5500 Shepherdsville Rd
Suite #300
Louisville, KY 40228
Ph: (502) 968-9980