



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.



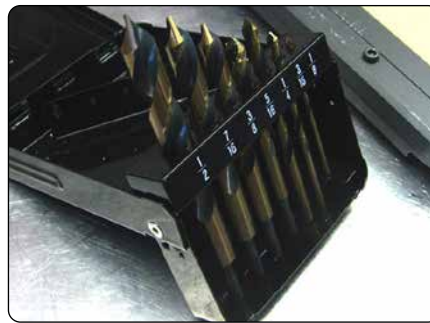
Helicoil Size Offerings:

- **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.



Airo Plastics

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Since 1987

PRODUCTS

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

ABS
 Acetal Copolymer
 Acetron® GP
 Acrylic
 Boltaron®
 Cast Nylon
 Chemgrate®
 Clear PVC
 Composolite®
 Corrugated
 CPVC
 Cutting Board
 Delrin®
 Densetec®
 Detectables
 DuraDek®
 DuraGrate®
 DuraGrid®
 DuraTread®
 Duratron®
 Ertalyte®
 Extren®
 Extrusions
 Fiberglass Grating
 Films

Foamlite®
 Fluorosint®
 G10 / FR-4
 GPO-3
 HDPE
 Hydex® 202/301
 Hydex® 4101/4101L
 Hydlar®
 Industrial Laminates
 Ketron® PEEK
 King ColorCore®
 King Hy-Pact®
 King StarBoard®
 KomaALU®
 KomaTEX®
 Kynar® PVDF
 LDPE
 Life Science Grades
 LubX® C / CV
 MC® 901/MC® 907
 Medical Grades
 Micarta®
 Noryl® PPO
 Nyla-Glide GR™
 Nylatron®

Nyloil®
 Nylon
 Optix®
 Palight®
 Palsun®
 PBT
 PEEK
 PET
 PETG
 Phenolic
 Plexiglas®
 Polycarbonate
 Polyethylene
 Polypropylene
 Polystone®
 Polystyrene
 Polysulfone
 PPS
 Precision Board Plus
 Profiles
 Propylux®
 Proteus® LF PP
 PTFE / TFE
 PVC
 PVC Foam Sheet

PVDF
 Radel®
 Reprocessed UHMW
 Rubber
 SafPlate®
 SafRail™
 Sanalite®
 Semitron®
 Sustarin® C
 Tecaform®
 Tecasint™
 Techtron® PPS

TIVAR® 1000
 TIVAR® 88
 Tooling Board
 Torlon® PAI
 Tuffak®
 UHMW-PE
 Ultem®
 Urethane
 VHMW-PE
 Vivak®
 Zelux®



PROCESSING



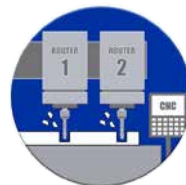
Panel Saw Cutting
Sheets up to 8" thick



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

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

JACKSON

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

LOUISVILLE

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

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



Airo Plastics - Jackson, Michigan