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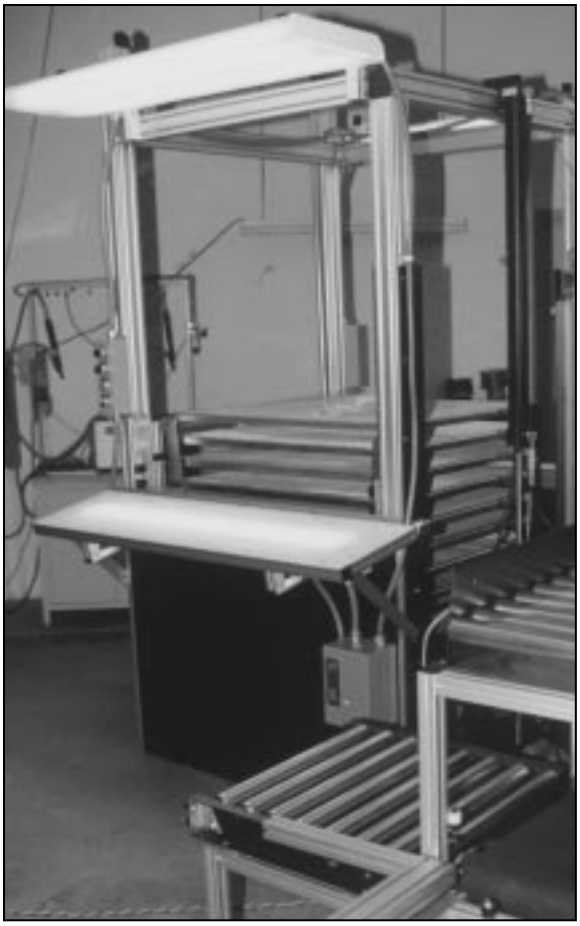
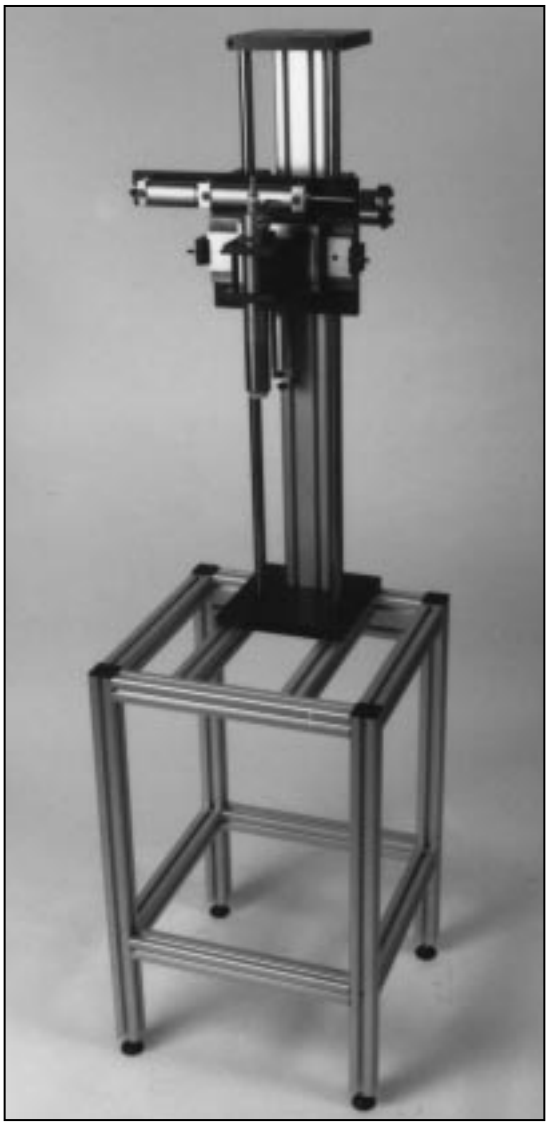


Inspection/Packing Station

OEM Machine Bases

In sync with the flexible manufacturing environments of the new millennium



Torquing Station

Robot Cell Enclosure

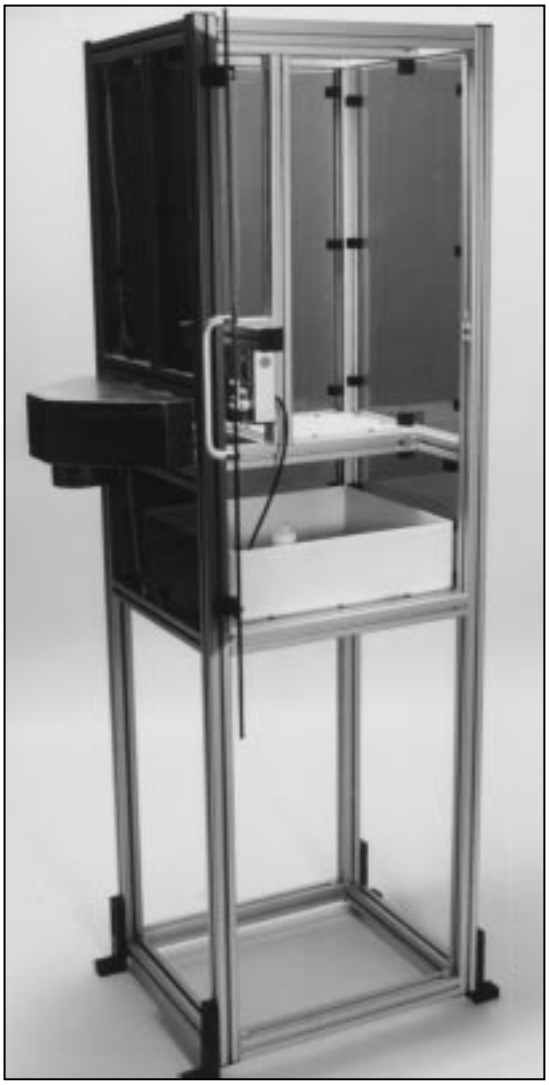
a lex® Modular Construction Elements for Industrial Automation

Eliminate

- Welding
- Painting
- Grinding
- Stress Relieving
- Obsolescence

Clamshell Style Enclosure

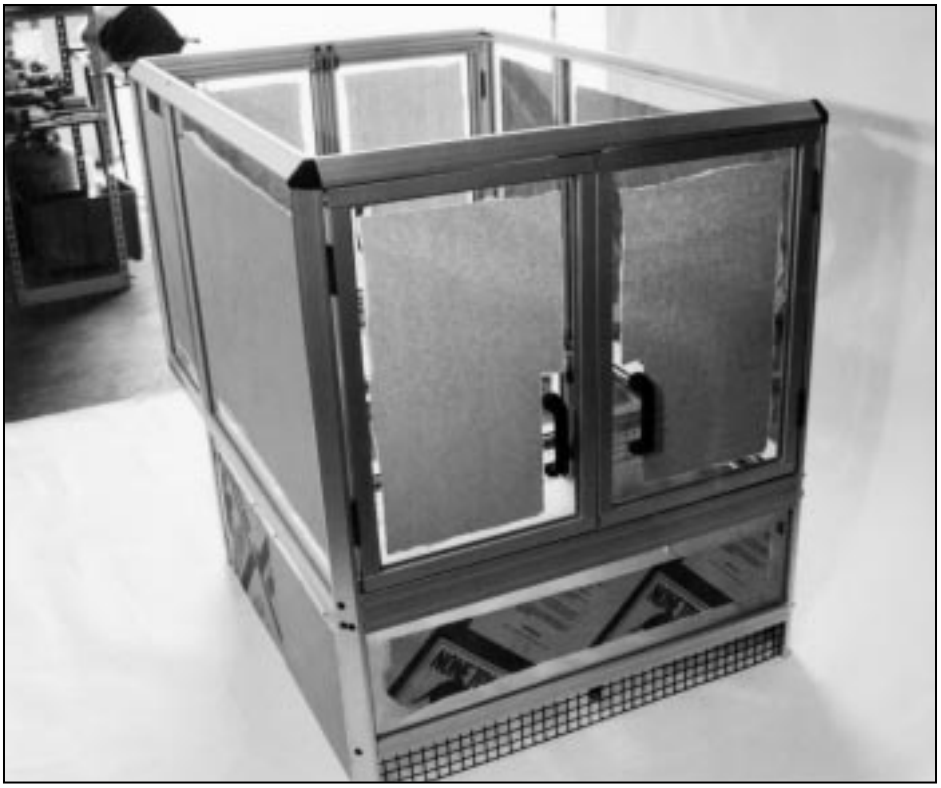
Enclosure



Test Station

Reduce

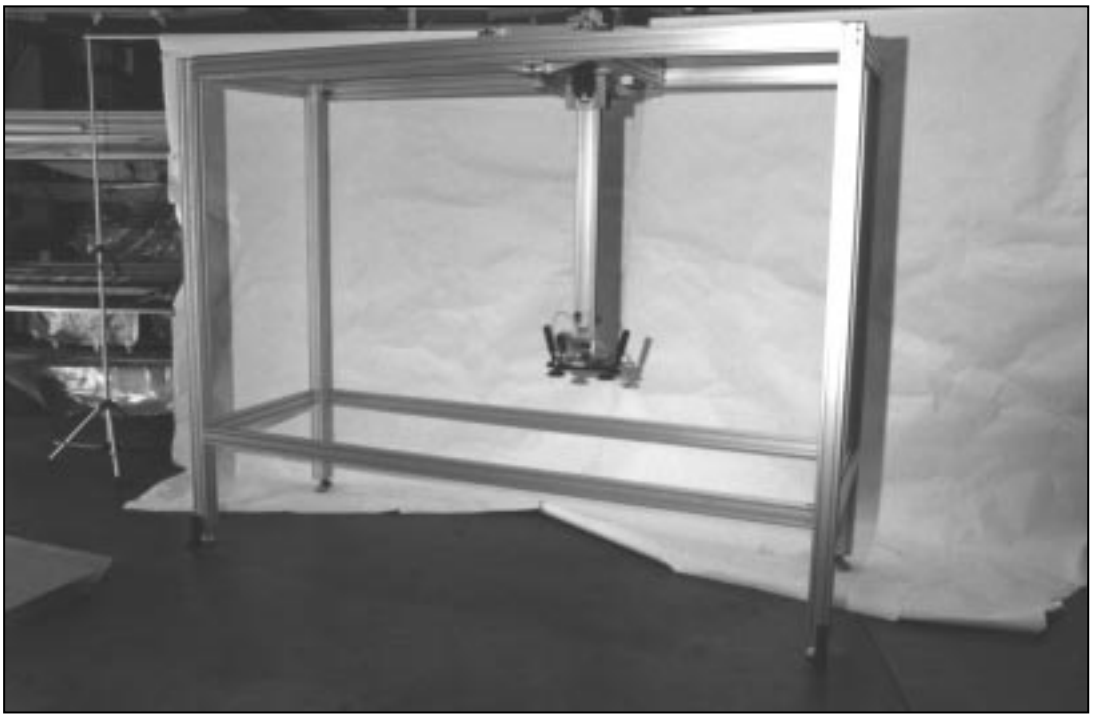
- Misalignments
- Drilling
- Tapping
- Fabrication
- Cost!



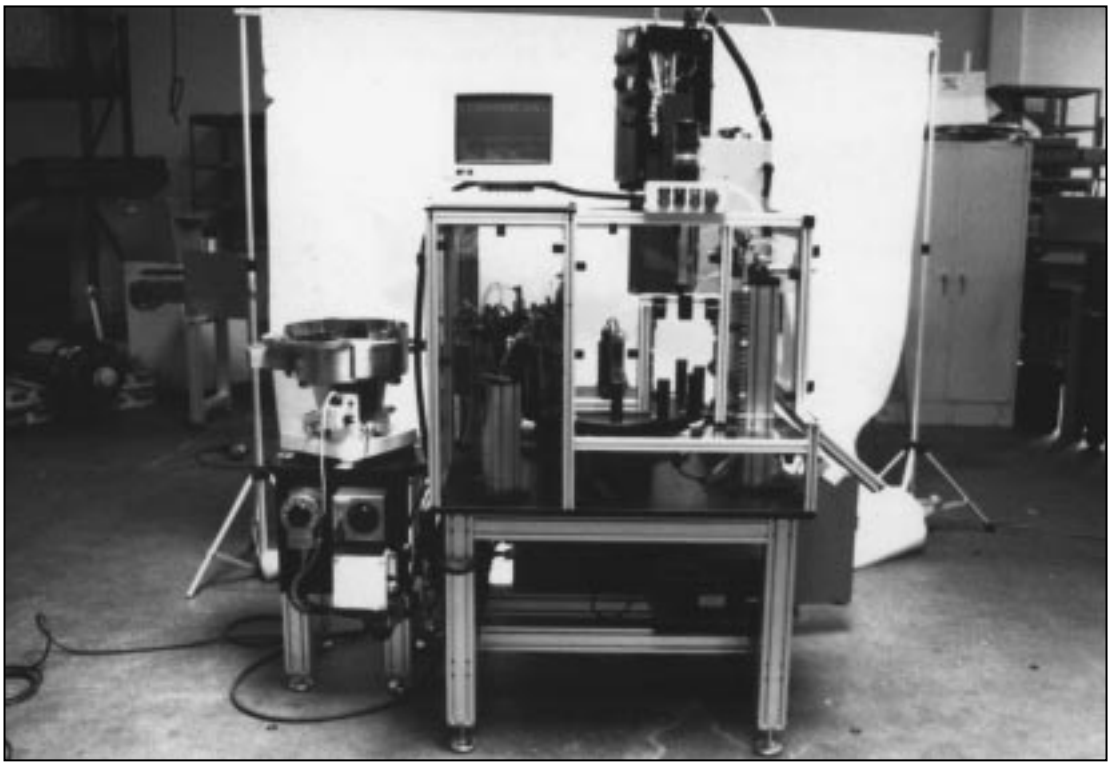
Medical Device Assembly Machine Enclosure

Laser Support Base

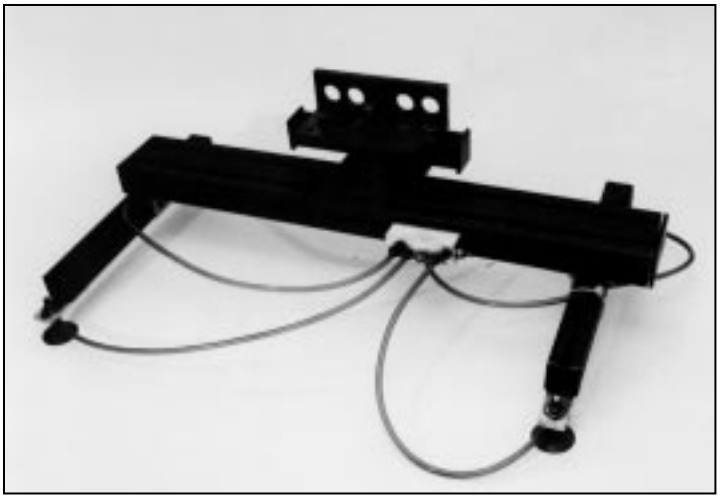
a lex® Machinery Applications



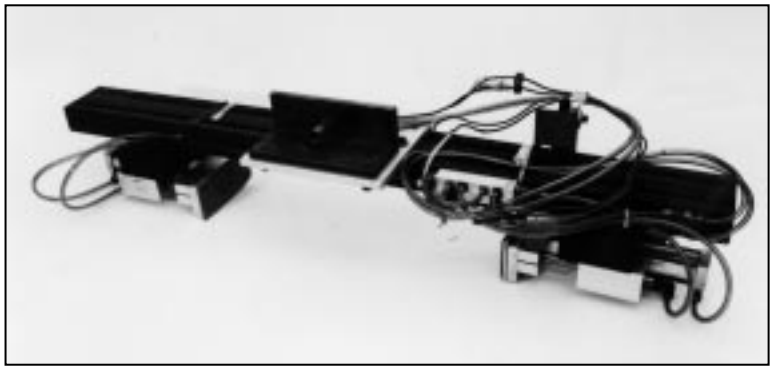
Manual Packing Gantry

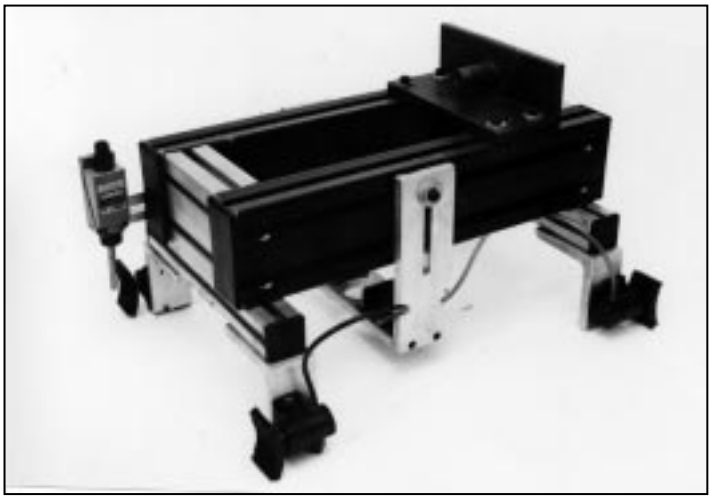


Rotary Table Assembly Machine

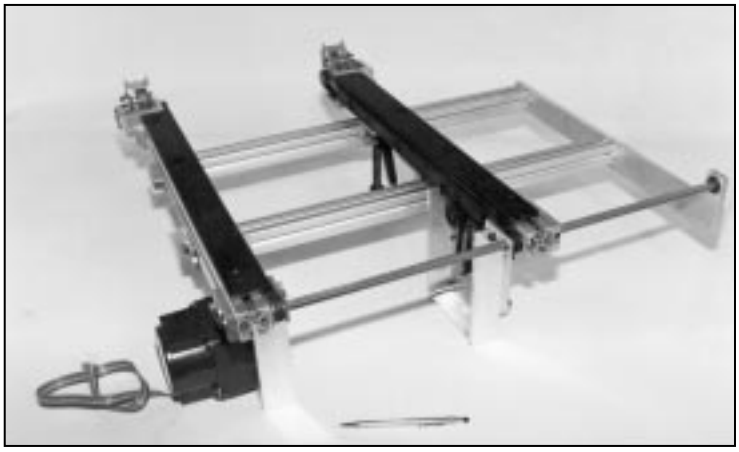


Robot End of Arm Tooling

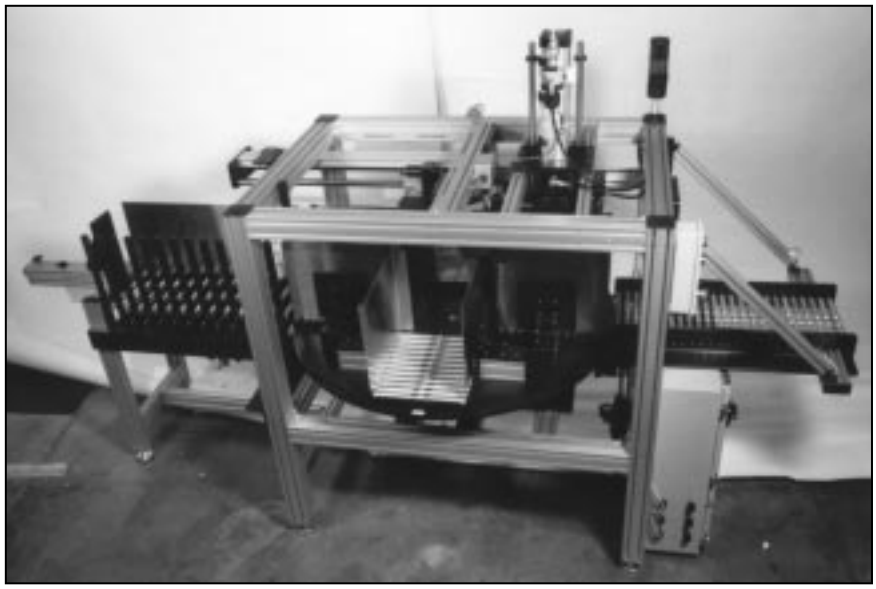




P.C. Board Handling Conveyor



Palletizing
Orienting Table



Rotary Assembly Machine

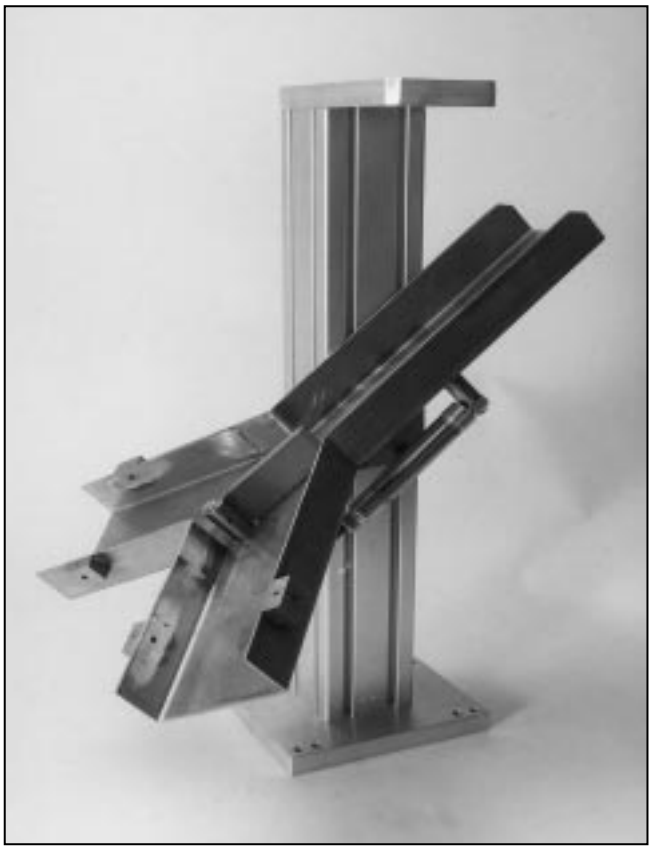
Machine Base

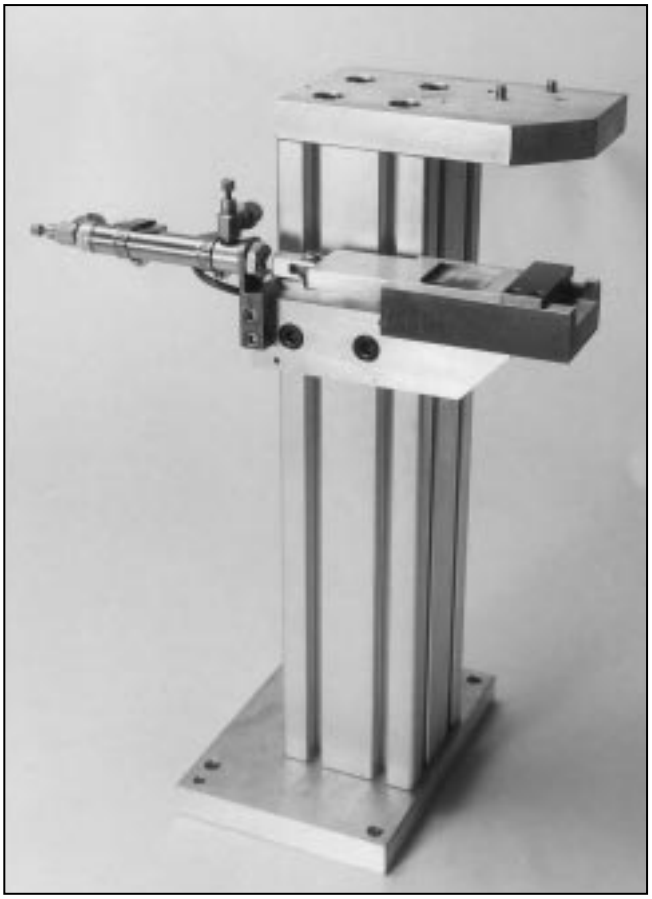
Custom Case Erector Machine

Computer Burn In Tunnel

Molding Machine Second Operation Cell

a lex® Module Applications





a lex® Modular Construction Elements for Industrial Automation

from Components to Structures in 4 Easy Steps

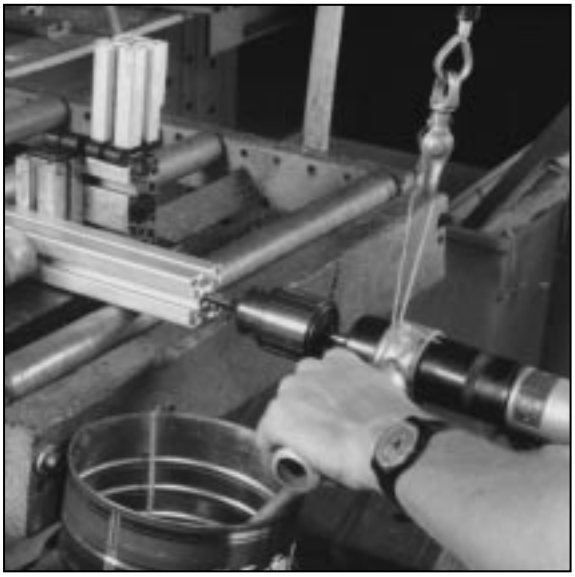
When using the standard, corner or flat fastener

Cut

- Use cold saw with double sided vise
- Squareness of cut is important

Drill

- Pilot hole using jig



Tap

- M8 THRD

Assemble

- Using M5 T handle wrench

a lex® Modular Construction Elements for Industrial Automation

from Components to Structures in 4 Easy Steps

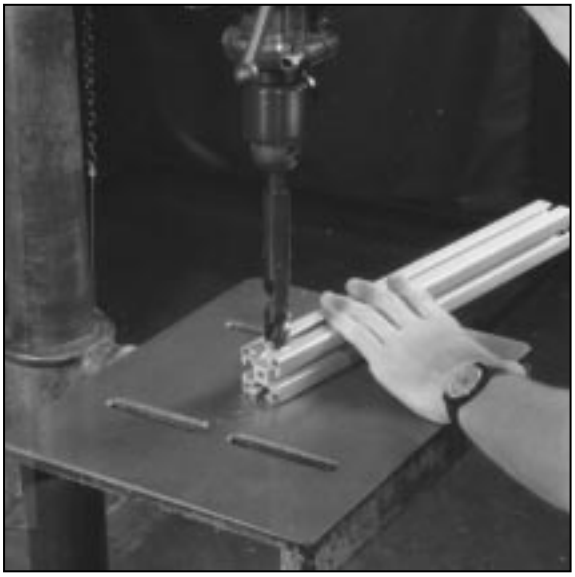
When using the universal fastener

Cut

- Use cold saw with double sided vise
- Squareness of cut is important

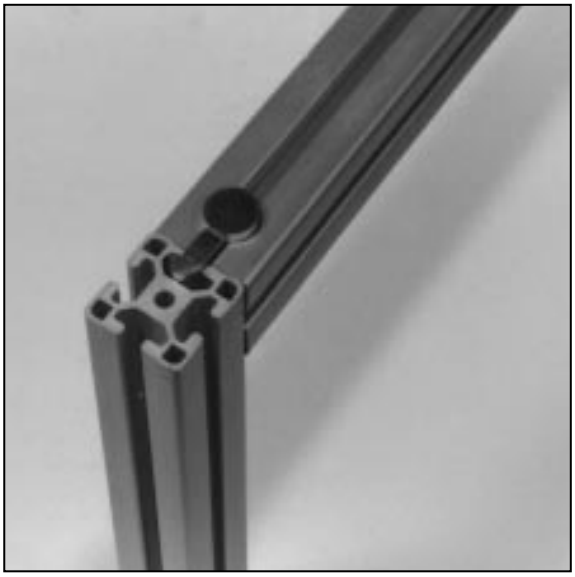
Drill

- Pilot hole using jig



Step Bore

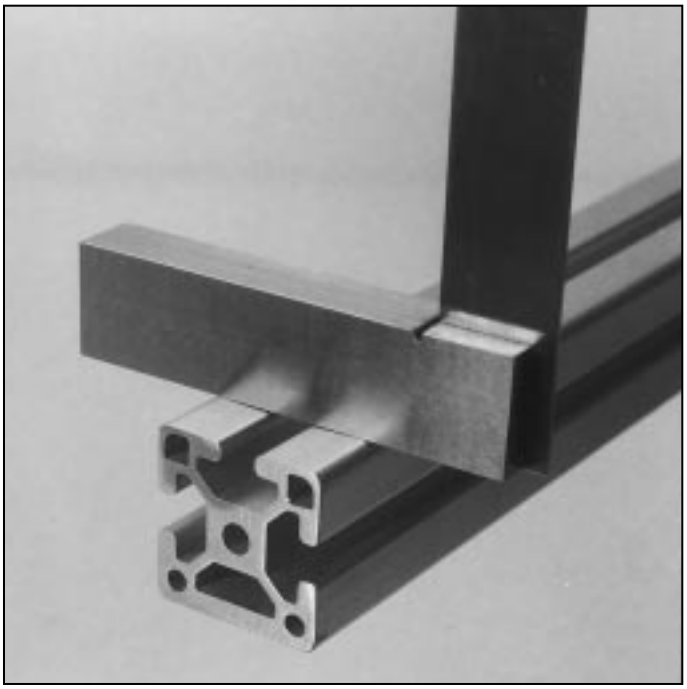
- M20 x 16mm DP counter bore
- Use universal step drill # 44096



Assemble

- Initial tightening use ball end L wrench
- Final tightening use opposite end

a lex® Concave Wall Feature



All a lex basic Profiles feature concave wall design. Before final tightening the wall is deliberately deformed as it is forced flush to the mating beam.

The resulting pretension creates a substantial lockwasher effect.

The completed connection is now highly resistant to loosening.

English/Metric — Metric/English Quick Reference Chart

Units of Measure

1 meter	=	3.2808	ft	=	39.37	in.	
1 cm	=	.39	in	=	.03	ft	
1 mm	=	.039	in	=	.003	ft	
1 foot	=	.3048	m	=	30.48	cm	= 304.8 mm
1 in	=	2.54	cm	=	25.40	mm	
1 m^2	=	10.8	ft^2				
1 ft^2	=	.093	m^2				

Units of Weight

1 kg	=	2.2	lbs
1 lb	=	.5436	kg

Units of Force

1 newton = .2248 lbs force
1 lb force = 4.484 newtons
Kg x 9.81 (constant for gravity) = newtons (static load)

Conversion Factors

To Find	*Multiply*	*By*
microns	mils	25.4
centimeters	inches	2.54
meters	feet	0.3048
meters	yards	0.9144
grams	ounces	28.349523
kilograms	pounds	0.45359237
sq. centimeters	sq. inches	6.4516
sq. meters	sq. feet	0.09290304
sq. meters	sq. yards	0.83612736
cu. meters	cu. feet	0.028316847
cu. meters	cu. yards	0.76455486
newtons	foot pounds	4.484
foot pounds	newtons	0.2248