

# a lex<sup>®</sup> Tools, Jigs and Services

Ease of construction is an important design criteria of the a lex<sup>®</sup> system.

One jig, one tap, two drills and few hex wrenches are all that is needed to assemble or disassemble even the most complicated structures.

## 32mm / 40mm Combo Drill Jig



### Applications

Accurate location of 7mm access hole

### Technical Specifications

Body – CRS  
Black oxide  
T-bolt CRS zinc

Drill bushings  
Dowel pins  
Hardened

### Description

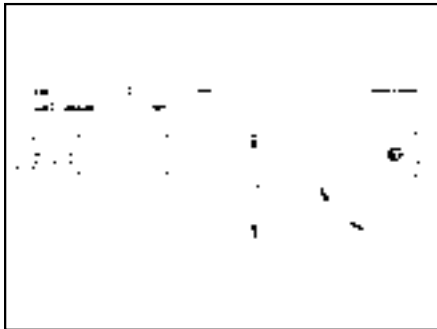
32mm Drill Jig  
64mm Drill Jig  
32 / 40 Combo Drill Jig  
40mm Drill Jig  
80mm Drill Jib  
45° Profile Drill Jig

### Unit

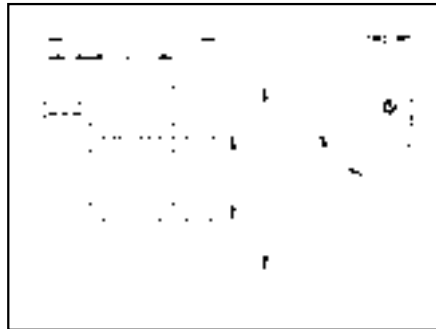
each  
each  
each  
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each

### Part #

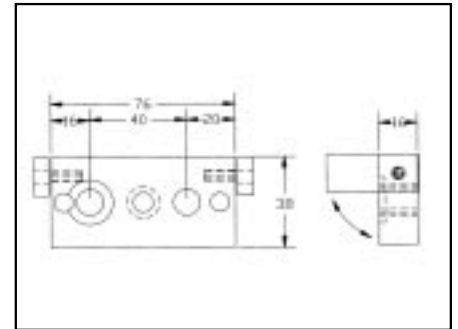
44007  
44006  
44008  
44010  
44011  
44009



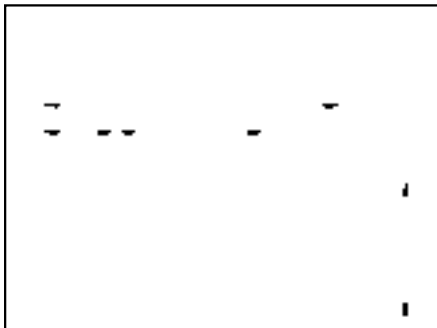
44006



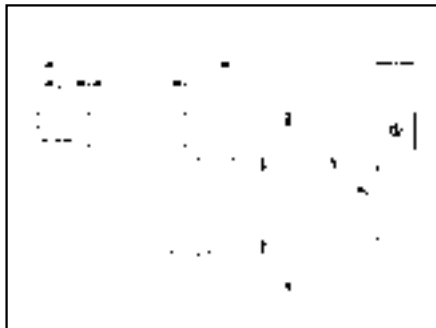
44007



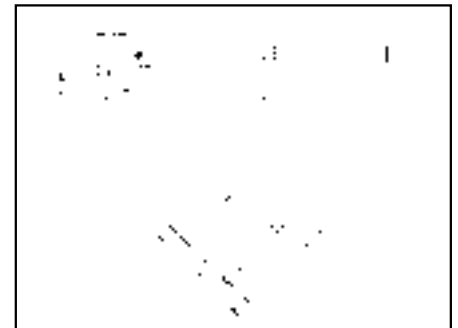
44008



44010



44011



44009

## Universal Step Drill



### Applications

For universal connection hole  
20mm diameter x 16mm dp

### Technical Specifications

HSS w/ .50 diameter  
Shank - 3 flute

### Description

Universal step drill

### Unit

each

### Part #

44096

## T Handle Wrench



### Applications

General tightening

### Technical Specifications

Shaft plated steel  
Handle black plastic

### Description

M4 T handle  
M5 T handle  
M6 T handle

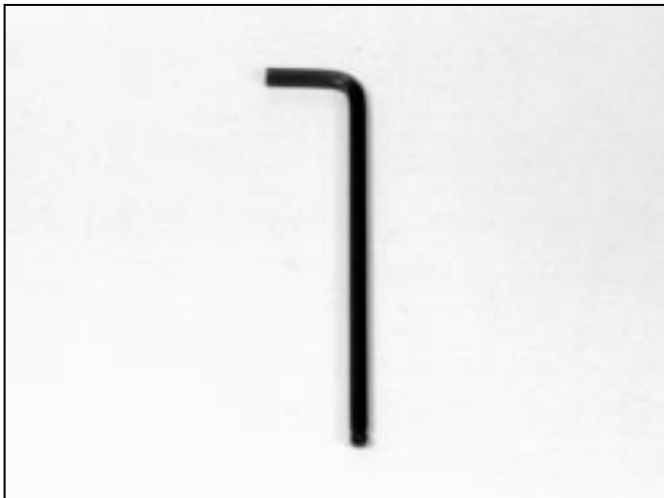
### Unit

each  
each  
each

### Part #

44072  
44083  
44097

## L Wrench



### Applications

Ball head end  
Initial tightening  
STD end  
Final tightening

### Technical Specifications

Shaft plated steel

### Description

M4 L wrench  
M5 L wrench

### Unit

each  
each

### Part #

44073  
44090

## Tap

### Applications

To tap extruded profile hole for M8 thrd

### Technical Specifications

M8 x 1.25 2 flute  
Plug tap HSS

### Description

M8 tap

### Unit

each

### Part #

44257

## Drill

### Applications

To produce access hole in T slot profiles

### Technical Specifications

HSS jobber length

### Description

Drill 7mm

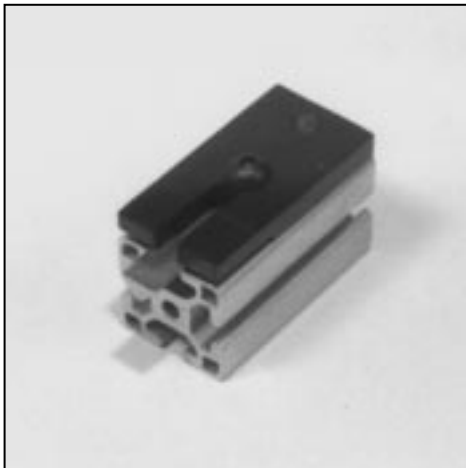
### Unit

each

### Part #

44258

## T Slot Nut Drill Jig



### Applications

To produce custom threaded T slot nuts  
Max hole size 5/16" or M8

### Technical Specifications

Base - a lex profile  
#44040 x 80mm long  
Cover - CRS  
Black oxide

### Description

T slot nut drill jig

### Unit

each

### Part #

44134

## Design Assistance

### Profile Deflection Program

Quick, simple program lets you estimate the flex of each beam, given common scenarios.

Stand alone format for DOS

Disk Size	Part #
3.5"	44297

### Cad Files

Shows each basic profile cross section.

Disk Size	Format	Part #
3.5"	DFX	44295
3.5"	DWG	44309

## Demonstration Case



### Applications

Design assistance

### Technical Specifications

Samples of basic & specialty profiles

Connections

Accessories

Jigs, tools

Case - ABS plastic

Foam insert tray

Description	Unit	Part #
Demo case	each	44001

## Services

### Services

Using a lex services to prep your profiles for assembly can be an economical way to speed your project along.

Description	Unit	Part #
Saw Cut - to length	each	44102
Access Hole Drill - 7mm	each	44104
Universal Bore-20mm x 16mm	each	44109
Tap-M8 x 1.25 thrd	each	44108
Tap-Other	each	44107
Panel Saw Cut	Per Panel 4 cuts max	44350
Engineering Service	HR	44100
Engineering Clairvoyance	HR	44999

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