

a lex[®] Tools, Jigs and Services

Ease of construction is an important design criteria of the a lex[®] 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

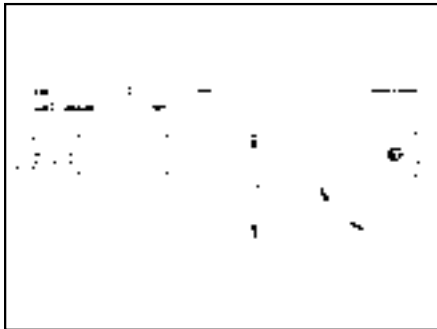
32mm Drill Jig
64mm Drill Jig
32 / 40 Combo Drill Jig
40mm Drill Jig
80mm Drill Jib
45° Profile Drill Jig

Unit

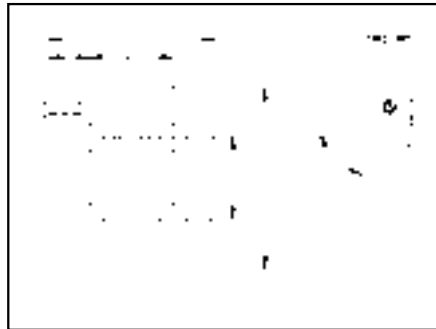
each
each
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Part

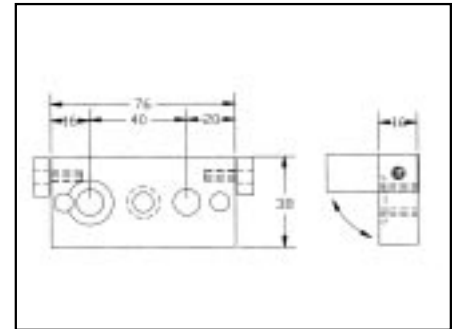
44007
44006
44008
44010
44011
44009



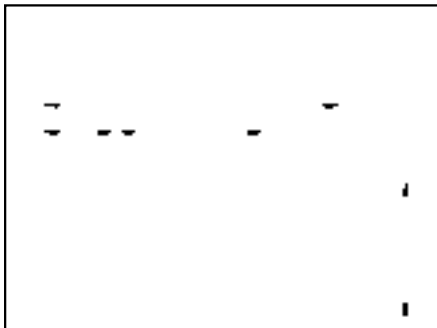
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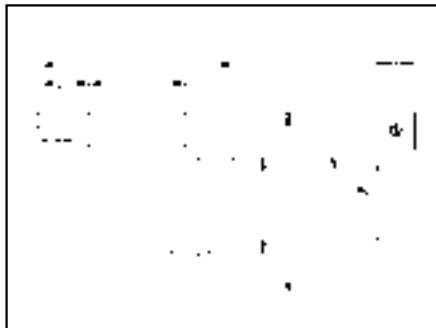
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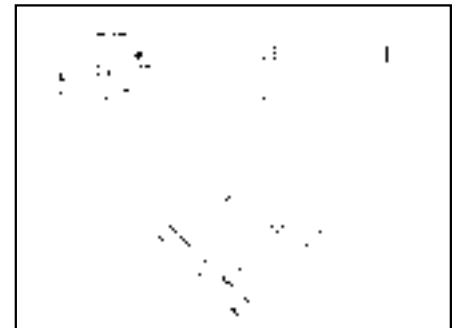
44008



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

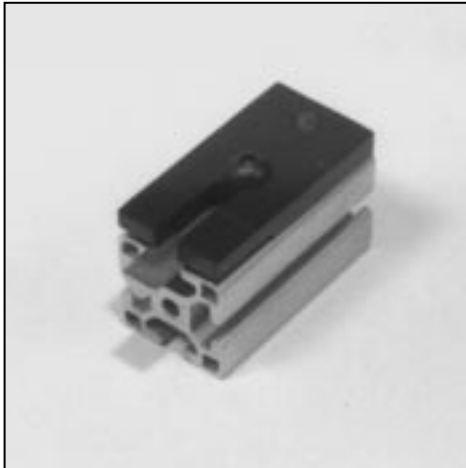
Unit

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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