

CONNECTIVITY | DRILLED / LEGACY CONNECTORS

CUSTOM DRILLING SERVICES FROM FIS

FIS offers a fast turnaround on custom micro drilling services. FIS can accommodate almost any fiber size for special applications. We are capable of drilling FC and SC style stainless alloy connectors that range from 250µm to 900µm. ST and SMA style stainless alloy connectors can be drilled up to 1550µm. However we cannot drill to odd sizes or stainless steel ferrules.

Minimum Order Quantity - Ten connectors.

250µm - 490µm Hole Sizes:

Hole Size Tolerance	+10µm / -4µm
Concentricity	15µm or less

500µm - 990µm Hole Sizes:

Hole Size Tolerance	+20µm / -5µm
Concentricity	20µm or less

1000µm - 1550µm Hole Sizes:

Hole Size Tolerance	+30µm / -10µm
Concentricity	25µm or less

There are many factors that can affect the performance of very small drill bits. Hole sizes below 250µm and above 900µm drilled in-house will be done on a “best effort” basis. However, we cannot guarantee the performance of these parts in your customer’s application. FIS recommends that you first order a small sample batch of drilled parts to evaluate for your application.

250µm	450µm	650µm	920µm
260µm	460µm	660µm	930µm
270µm	470µm	670µm	970µm
280µm	480µm	680µm	1000µm
300µm	490µm	710µm	1010µm
310µm	500µm	730µm	1040µm
330µm	510µm	750µm	1080µm
340µm	520µm	770µm	1100µm
350µm	530µm	800µm	1200µm
360µm	540µm	810µm	1300µm
380µm	550µm	830µm	1370µm
400µm	570µm	840µm	1500µm
410µm	600µm	860µm	1550µm
420µm	610µm	880µm	Drill Sizes
430µm	630µm	900µm	
440µm	640µm	910µm	