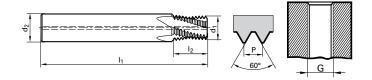
# TMU SP

## **Multi-Range Thread Mills**

## **COOLANT FED**

## Multi-Range Cutters for production of various pipe threads



### **NPT Pipe Threads**

Series 3769 - Carbide, TiCN coated, axial coolant fed

NPT	G min	d1	d2	11	12	No.	<b>C</b> 3769
TPI	inch	mm	mm	mm	mm	flutes	EDP #
14	>=1/2	14.50	16.00	90.00	19.05	5	9037690219000
11 1/2	>=1.0	18.50	20.00	90.00	23.19	5	9037690341800

### **NPTF** Pipe Threads

Series 3772 - Carbide, TiCN coated, axial coolant fed

NPTF TPI	G min inch	d1 mm	d2 mm	l1 mm	l2 mm	No. flutes	<b>C</b> 3772 EDP #
14	>=1/2	14.50	16.00	90.00	19.05	5	9037720219000
11 1/2	>=1.0	18.50	20.00	90.00	23.19	5	9037720341800

A Multi-Range thread mill is capable of creating more than one diameter of the same thread form, which makes these tools popular in a job shop environment. When selecting a Multi-Range thread mill, the user must first select the thread pitch or TPI to be machined and then determine the minimum hole major diameter "G" of the thread to be produced.

#### For Example:

A multi-Range tap with a 12 TPI and >1 1/4 G min is capable of creating a 1 1/4 - 12, 1 1/2 - 12 and larger thread size.

This same thread mill will not make a 1 1/8 - 12 thread size, due to the size being less than 1 1/4, which is the G dimension.