



*PRECISION MACHINED
PLASTICS, COMPOSITES
& POLYMERS*

www.curtistechnicalservice.com



CTS

CURTIS TECHNICAL SERVICE

machining plastics, composites & polymers

WHAT WE DO

We are a USA based machine shop specialized in engineered plastic, composite & polymer components for industrial applications, including high pressure, high temperature and cryogenic

HOW WE DO IT

Source high-quality, USA made raw materials
Precision machine per specifications, holding tolerances of + / - .0001"
Follow an ISO 9001 certified quality management process

WHAT WE MAKE

- < *Gaskets*
- < *Seals*
- < *Peek Connectors*
- < *Bushings*
- < *Back-Up Rings*
- < *Ball Valve Seats*
- < *Bearings*
- < *V-Packing*
- < *More*





INDUSTRIES

- < Oil & Gas
- < Chemicals
- < Refining
- < Aerospace
- < Manufacturing
- < Others

RAW MATERIALS

- < PTFE, G-10
- < PEEK, ULTEM®
- < NORYL®
- < DELRIN®
- < Acrylic (Cast)
- < UHMW
- < RYTON® (PPS)
- < TECHTRON®
- < CPVC
- < ECTFE
- < ETFE
- < FEP
- < FLUOROSINT®
- < KYNAR®
- < LEXAN®
- < Many Others

ABOUT CURTIS TECHNICAL SERVICE

- < Dedicated to quality and on time delivery
- < Engineering support from prototype to production
- < Mass production and short run capable
- < ISO 9001 certified quality management process
- < Founded in 1999
- < 12,000 square feet of manufacturing space

MACHINING SERVICES

- < CNC Turning
- < CNC Milling
- < Swiss Machining
- < Traub Style Machining
- < Compression Molding
- < Laser Engraving

*USA BASED MACHINE SHOP
SPECIALIZED IN PLASTICS,
COMPOSITES, POLYMERS
& THERMO-PLASTICS*

OPERATION: N00
M0000100

ACTIVE CODES

G00	RAPID MOTION	DR
G99	FEED PER REVOLUTION	M01
G42	2D CUTTER COMP RIGHT	T101
G28	CYCLE CANCEL	
G54	WORK OFFSET #54	

PROGRAM TOOL OFFSETS
(TOOL GEOMETRY)

TOOL	X	Z	RADIUS	TAPER	TIP
1	-15.7110	-11.4292	0.0170	0.	3
2	-21.6206	-10.5224	0.0150	0.	2
3	-16.0614	-11.4012	0.0160	0.	2
4	-16.4397	-11.0011	0.0175	0.	2
5	-16.6634	-10.7631	0.0135	0.	2
6	-14.6711	-11.1300	0.0135	0.	2
7	-16.6900	-11.3900	0.0075	0.	7
8	-15.3243	-11.1390	0.0150	0.	7
9	-14.0050	-11.3959	0.0150	0.	3
10	-14.4639	-11.3547	0.0150	0.	3

POSITION: (IN) LOAD

MACHINE:		43%
X	-12.7200	
Z	-5.5293	0%
H	0.0	0%

TIMERS & COUNTERS

THIS CYCLE: 0:02:44
LAST CYCLE: 0:00:00
REMAINING: 0:00:00

M30 COUNTER #1: 200
M30 COUNTER #2: 200
LOOPS REMAINING: 0
MACRO LABEL 1: 0.000000
MACRO LABEL 2: 0.000000

FEED 100% RAPID 50%

FEEDHOLD BLOCK DELETE

DISPLAY

HOME OFFSET CURRY COMP

STOP

RESET

ENTER

DELETE

UNDO

PAUSE

DEL

OFF/ON

BLOCK



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