

DELMIA Prismatic Machining

0EXCOWLR \$[LVp À D E *KICEQ BUJVPD
/ D W K H V
0DFKLQLQJ 0RGHV
0LOOLQJ 0RGHV
)DFLQJ 0RGH
 3 R F N H W L Q J
 & R Q W R X U L Q J
 & X U Y H) R O O R Z L Q
 3 U L V P D W L F 5 R X J K L Q J
 3 O X Q J H 0 L O O L Q J
 \$ [L V 3 R F N H W L Q
 \$ [L D O 0 R G H V 0
'U L O O L Q J ' H H S + R O H
'U L O O L Q J % U H D N & K L S V
 7 D S S L Q J
 5 H Y H U V H 7 K U H D G L Q
 7 K U H D G : L W K R X W 7 D S + H
 7 K U H D G 0 L O O L Q J
 % R U L Q J
 % R U L Q J D Q G & K D P I H U L Q J
 % R U L Q J 6 S L Q G O H 6 W R S
 & R X Q W H U % R U L Q J
 % D F N % R U L Q J
 5 H D P L Q J
 & R X Q W H U 6 L Q N L Q J
 & K D P I H U L Q J 6 L G H V
 7 6 O R W W L Q J
 & L U F X O D U 0 L O O L Q J
 6 H T X H Q W L D O \$ [L D O
 6 H T X H Q W L D O * U R R Y H

1 & 7 R R O V
)DFLQJ 7RRO
 (QG 0LOOV
 &HQWHU 'ULOOV
 6SRW 'ULOOV
 ' U L O O
 &RXQWHUVLQN
 &RXQWHUERUH 0LOO
 5 H D P H U
 % R U L Q J % D U

Tab

7 D S
 7 6 O R W W H U
 0XOWL 'LDPHWHU 'ULOO
 7ZR 6LGHV &KDPIHULQJ 7RRO
 %RULQJ DQG &KDPIHULQJ 7RRO
 &RQLFDO 0LOO
 7KUHDG 0LOO
 %DUUHO 0LOO
 0LOOLQJ 'LUHFWLRQV
 &RQYHQWLRQDO 0LOOLQJ
 &OLPE 0LOOLQJ
 3ULVPDWLF 0DFKLQLQJ :RNEHQFK
 6SHFLILFDWLRQV 7UHH
 3ULVPDWLF 0DFKLQLQJ :RNEHQFK

3UHSDULQJ WR 0DFKLQH
 3DUW 'HVLJQ 5HYLHZ
 0HDVXUHPHQW 5HYLHZ
 \$VVHPEO\ 5HYLHZ

3DUW 2SHUDWLRQ 6HWXS
 &RQILJXULQJ 1& 5HVRXUFHV
 'HILQLQJ WKH 3DUW 2SHUDWLRQ
 0DFKLQLQJ \$[LV 'HILQLWLRQ
 *HRPHWU\ 'HILQLWLRQ
 3RVLWLRQ 'HILQLWLRQ

5HVRXUFH &UHDWLRQ

5HSOD\LQJ
 'HVLJQ 3DUW &RPSDULVRQ
 5HSODFLQJ D 0DFKLQH
 6LPXODWLRQ 6FHQDULR

0DFKLQLQJ
)DFLQJ
 *HRPHWU\ WDE
 (GJH 6HOHFWRQ
 %\ %HOWRI)DFHV
 %\ %RXQGDU\ RI)DFHV
 5HVRXUFH WDE
 6WUDWHJ\ WDE
)HHGV DQG 6SHHGV WDE
 0DFURV WDE

3URILOH &RQWRXU 0LOOLQJ
 3URILOH &RQWRXULQJ *HRPHWU\ 3DUDPHWHUV
 3URILOH &RQWRXULQJ 0RGHV
 3URILOH &RQWRXULQJ 6WUDWHJ\ 3DUDPHWHUV
 3URILOH &RQWRXULQJ)HHGV DQG 6SHHGV 3DUDPHV

*URRYH 0LOOLQJ
 *URRYH 0LOOLQJ 6WUDWHJ\ 3DUDPHWHUV
 7URFKRLG 0LOOLQJ
 7URFKRLG 0LOOLQJ 6WUDWHJ\ 3DUDPHWHUV
 3RFNHWLQJ
 3RFNHWLQJ 6WUDWHJ\ 3DUDPHWHUV
 3ULVPDWLF 5RXJKLQJ
 3OXQJH 0LOOLQJ
 &XUYH)ROORZLQJ
 3RLQW WR 3RLQW

\$[LDO 0DFKLQLQJ
 6SRW 'ULOOOLQJ
 'ULOOOLQJ
 'ULOOOLQJ 'ZHOO 'HOD\
 'ULOOOLQJ %UHDN &KLSV
 'ULOOOLQJ 'HHS +ROH

3DWWHUQV
 3DUW 'HVLJQ 3DWWHUQV
 0DFKLQLQJ 3DWWHUQV

0XOWLSOH 3DUW 2SHUDWLRQV
 6LQJOH 3DUW 7ZR \$VVHPEOLHV
 0XOWLSOH 3DUWV 6LQJOH \$VVHPEO\

)L[WXUHV
 &ODPSV
 7DEV
 +RUL]RQWDO 7DEV
 9HUWLFDO 7DEV

7UDQVIRUPDWLRQV
 &RS\ 7UDQVIRUPDWLRQ
 &23< 2SHUDWRU ,QVWUXFWLRQ
 75\$&87 2SHUDWRU ,QVWUXFWLRQ
 2SSRVLWH +DQG 0DFKLQLQJ

3RVW 3URFHVVURU ,QVWUXFWLRQV

0DQXDO 7RRO &KDQJHV

1& &RGH *HQHUDWLRQ

3UDFWLFH 3UREOHPV

\$ S S H Q G L [\$

| | | | |
|------------------|------------|-----------|--------|
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | *HQUH |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 5HVRXU |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 2SHUDV |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 2XWSXV |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 3URJUD |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 0DWHU |
| \$SS 3UHIHUhQFHV | 6LPXODWLRQ | 0DFKLQLQJ | 6LPXOD |

, QWURGXFWLRQ

'(/0,\$ 3ULVPDWLF 0DFKLQLQJ

8SRQ FRPSOHWLRQ RI WKLV FRXUVH GLVWUXWKWLRQ GRUORH
WRSLFV

%XLOG VWRFN PDWHULDO IRU D ILQLVKHG SDUW

'HILQH 3DUW RSHUDWLRQV LQ D PDFKLQLQJ SUR

'HILQH PDFKLQLQJ RSHUDWLRQV LQ D PDFKLQLQ

3DUW 2SHUDWLRQ 6HWXS

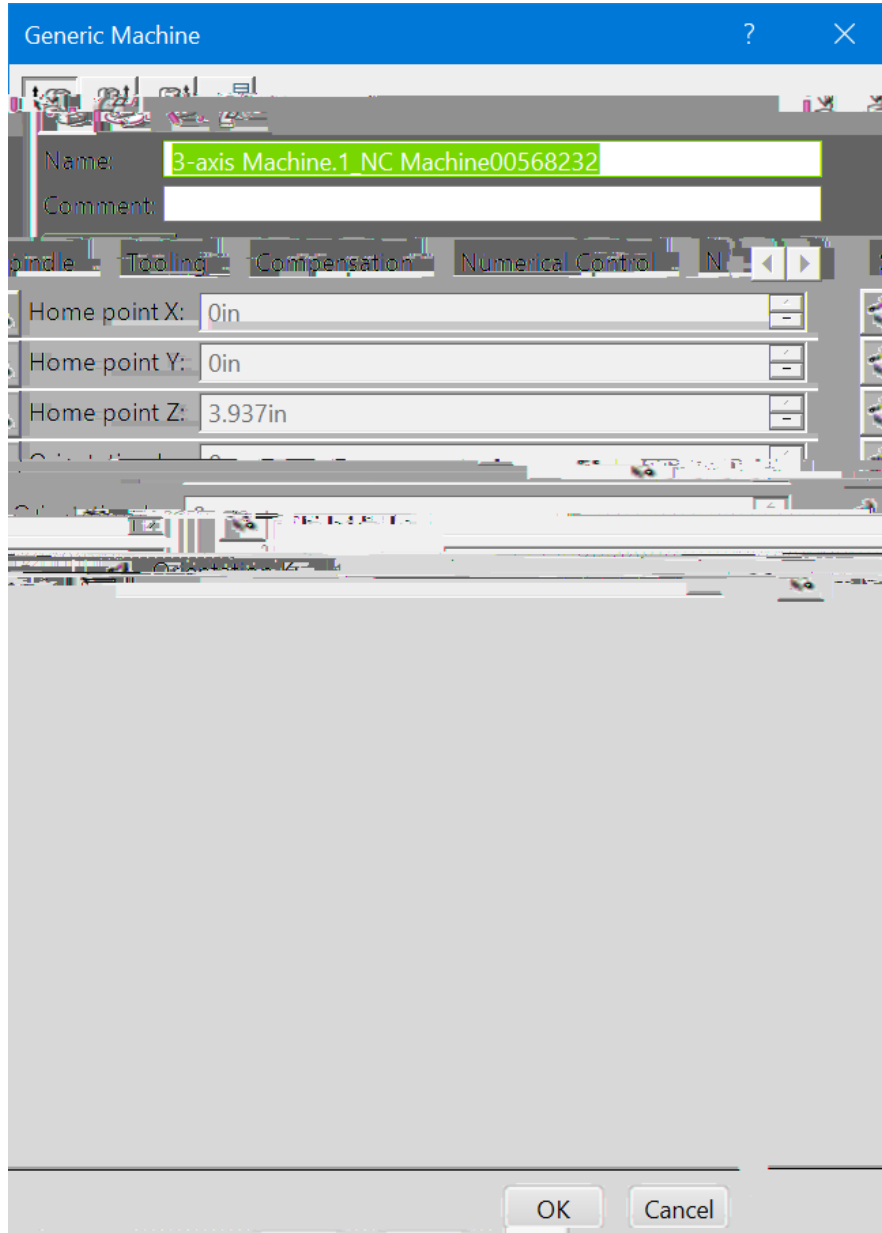
7KLV VHFWRQ ZLOO LQYHVWLJDWH HLORZ ZURNIEQRFK HDW & H
\RXU SDUW IRU PDFKLQLQJ RSHUDWLRQV FULWLBQDQJ VVWIKIS
PDFKLQLQJ SURFHVV \RX VWDUW (DSDUWLRRXPX SW HSH
SDUW RSHUDWLRQ

7KHUH DUH WZR PHWKRGV WR VWDUW DRØ FZDQ UHLVW ØMULFV
ZLWK WKH DVVHPEO\ RSHQ WKHQ ERQWRK WRUH SRKLFDQWLW
ZLWK D EODQN SULVPDWLF PDFKLQLQJ SURFHVV WKH SUKRFH

&RQILJXULQJ 1& 5HVRXUFHV

7KHUH DUH D QXPEHU RI YDULRXV PDKLQW SDUDPHWHUV WKDW \RX GHILQH WKH PDKLQH QIRUPDKLQHDGRXW LWKLSRLQW RULHQWDLRQ RI WKH VSDGRQHLQDGRXWRIJ DQSRXWSXW SDUDPHWHUV ,W LV EHGWLQW DQD\EHVWUDHWRZL

6HOHF*WQVHULF 0DFFRQH 7KH Generic Machine ZLQGRZ DSSHDUV :LWKLWKLW ZLQGRZ \RX FDQ GHILQH WKH PDKLQH WRXUDWSDUWZLR RSHUDWDLRQ



7KH ILUVW VHW RI LFRQV DFURVSHWIKHLFWVSSBGRQRPZDFKXQHR\ JRLQJ WR EH XVLQJ

7KH PDFKLQH W\SHV DUH DV IROORZV

\$(LV 0DFKLQH

\$(LV ZLWK 5RWDU\ 7DEOH 0DFKLQH

\$(LV 0DFKLQH

OLO 7XUQ 0DFKLQH

%DVHG RQ WKH W\SH RI PDFKLQH & BULLOCK/ RUD E M OHR W HR
PDFKLQH SDUDPHWHUV <RX ZLOO LCRYH D WLLJFSDVHH W \$ HL P D
PDFKLQH

6HOHFWDMLKHDFKERRQ 7KLV LV WKH GHIDXOW RSWLRQ D
VHOHFWHG

&KDQJNameKRH WKH PDFKLQH WR 70S& QDPHDEIDWKH PDFKL
H[WUHPHO\ LPSRUWDQW 7KH PRVW SDSRUPWVGVVSDUM GF

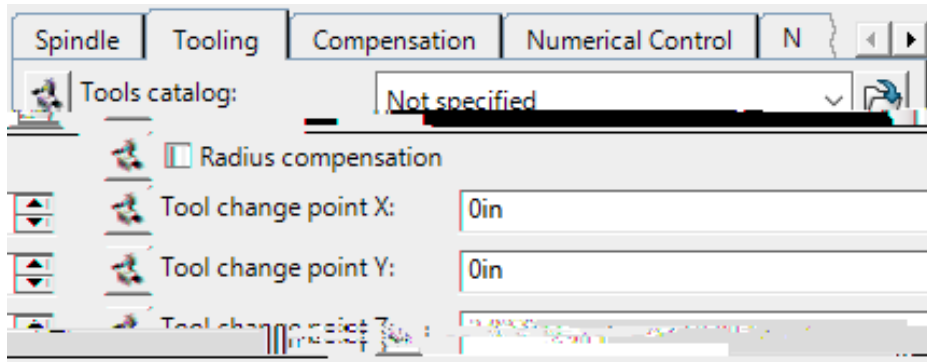
7DNH D PRPHQW WR JR RYHU WKH YDUHRXD [EDFKLQH SDU

Spindle

Home point X, Y, Z 'HILQHV WKH ; <Q DVQIGV=RF RVRKUG WRRO KRPH

Orientation I, J, K 'HILQHV WKH LQLWLDO RULHQWDWLRQ RI W

Tooling



Tools catalog 'HILQHV ZKDW WRRO FDWDORJ \RX ZLOO EH

Radius compensation 7RJJOHV WKH UDGLXV FRPSHQVDWLRQ RQ R

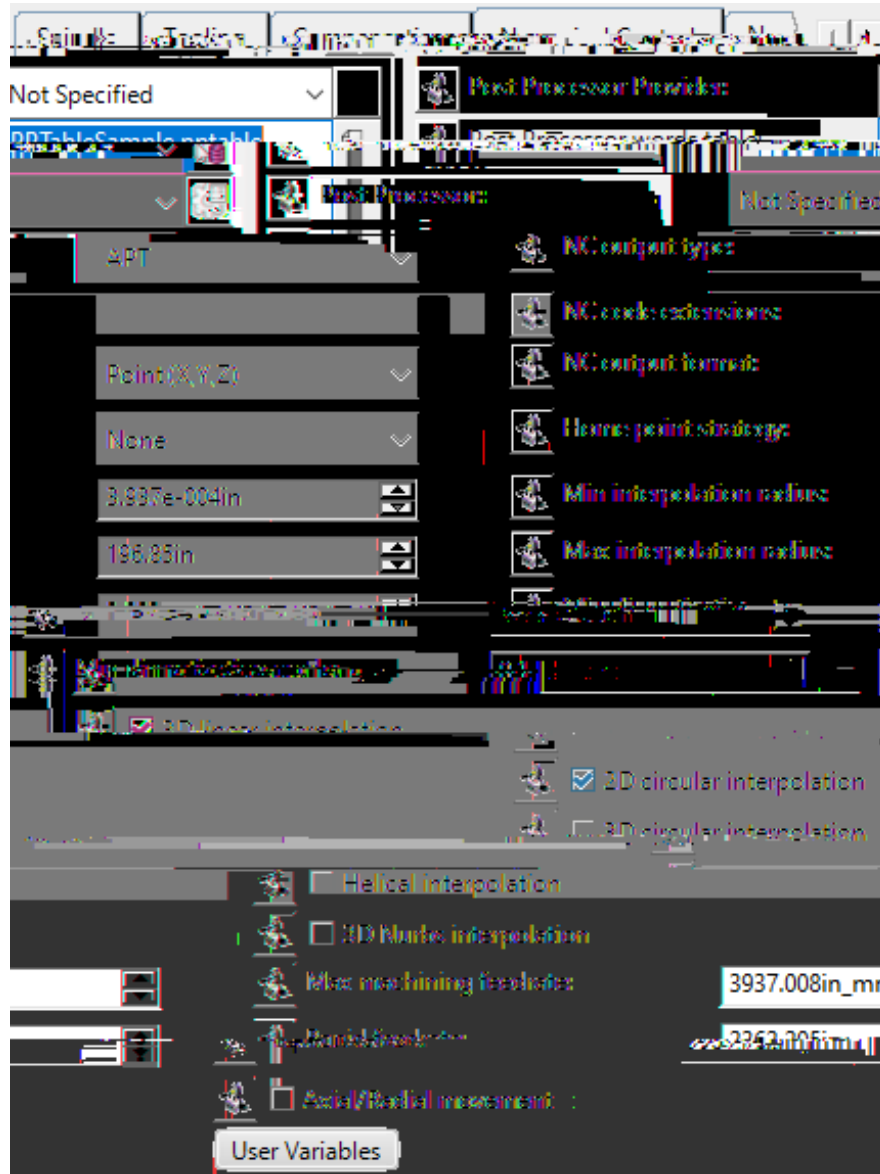
Tool change point 'HILQHV WKH ; <Q DVQIGV=RF RVRKUG WRRO FKDQ

Compensation

3D Contact Cutter... 'HILQHV WKH FXWWHU FRPSHQVDWLRQ PRGH

Set 3D Contact... \$OORZV \RX WR WXUQ RQ WKH FXWWHU FRP VXSSRUWLQJ ' FXWWLQJ PRGHV

Numerical Control



Post Processor

```
$OORZV \RX WR GHILQH WKH VSHFLIL
GDWDEDVH WR XVH <RX PXVW KDYH
YHQGRU VH ODF WMIHQOVBH
EUDQFK ODF GWD E H
```

Post Processor words table

```
'HILQHV ZKDW SRVW SURFHVVURU ZRU
SRVW SURFHVVURU ZRUGV WDEOH GHI
IRUPDW IRU WKH SRVW SURFHVVURU V
FRPPDQGV DUH JHQHUDWHG SURSHUC
```

NC output type

```
$OORZV \RX WR FKRRVH IURP $37 &/
W\SHV
```

NC output format \$OORZV \RX WR GRILQDHW;HV FRU ;<= D
 ,-. D[LV ORFDWLRQV DUH RXWSXW 7KLV
 FKDQJH EDVHG RQ WKH W\SH RI PDFKLQ

Home point strategy ,QGLFDWHV LI WKH KRPH SRLQW LV WKH
From RU LI LW QHHGV WR Go PRYH WR WKH

Min & Max interpol. radius 'HILQHV WKH PLQLPXP DQG PD[LPXP FLU
 RXWSXW DV D FLUFXODU PRWLRQ &LUF
 WKLV UDQJH ZLOO RXWSXW D VHULHV R
 WKH \$37 FRGH

Min discretization step/angle 'HILQHV WKH PLQLPXP PRWLRQ GLVWDQ
 DQJOH WKDW ZLOO JHQHUDWH D *272 V
 FRGH

3D linear interpol. :KHQ FKHFNHG D VLQJOH OLQHDU *272
 EH LVVXH ZKHQ PRYLQJ LQ D GLDJRQD
 XQFKHFNHG D VHULHV RI SRLQWV ZLOO
 RQ WKH PDFKLQLQJ WROHUDQFH

2D & 3D circular interpol. :KHQ FKHFNHG HLWKHU ' RU ' FLUFOH
 LQWHUSRODWHG RU ERWK

Helical interpolation 6SHFLILHV WKH DELOLW\ WR PDNH D KH
 EHWZHHQ WZR FRQVHFXWLYH SRLQWV

3D Nurbs interpolation 2XWSXWV WKH 185%6 FXUYH WR DOORZ
 PDFKLQH WKH FXUYH GLUHFWO\ ,I XQFI
 *272 SRLQWV ZLOO EH JHQHUDWHG WR

Max machining feedrate 'HILQHV WKH PD[LPXP PDFKLQLQJ IHHGU
 DOORZHG

Rapid feedrate 'HILQHV WKH HVWLPDWHG UDSLQ IHHGU
 XVHG &\$7,\$ ZLOO DOZD\V JHQHUDWH D
 WR PRYH UDSLQ KRZHYHU WKLV IHHGU
 PRUH DFFXUDWH WLPH FDOFXODWLRQV
 PDNHV UDSLQ PRYHPHQWV

Note: Acceleration and deceleration time is not taken into account unless a machine has been selected that has accelerations defined.

Axial/Radial movement :KHQ FKHFNHG WKH WRRO ZLOO RQO\ P
 UDGLDO PRYHPHQWV DQG QRW D FRPEI
 GLDJRQDO PRWLRQV

Feedrates

Set rapid feedrate...

6SHFLILHV ZKHWKHU D UDSL G IHI
LQFOXGHG DW WKH VWDUW RI HD
FOHDUDQFH PDFUR LV GHILQH
SUHFHGHQFH

Use rapid feedrate...

6SHFLILHV WKH PDFKLQH UDSL G
XVHG LQVWHDG RI WKH 5\$3,' V\Q

Tool motions

Include GOTO for...

6SHFLILHV D *272 VWDWHPHQW Z
EHIRUH HDFK WRRO FDKQJH

Output CYCLE syntax

6SHFLILHV WKH 33 ZRUG V\QWD[
WDEOH ZLOO EH RXWSXW IRU D[L
RSHUDWLRQV ,I WKH RSWLRQ LV
VWDWHPHQWV ZLOO EH JHQHUDW
RXWSXW

6LQFH \RX DUH QRW VWDUWLQJ ZIRWKKDJRDFKIDGWHWG D
RSWLRQV

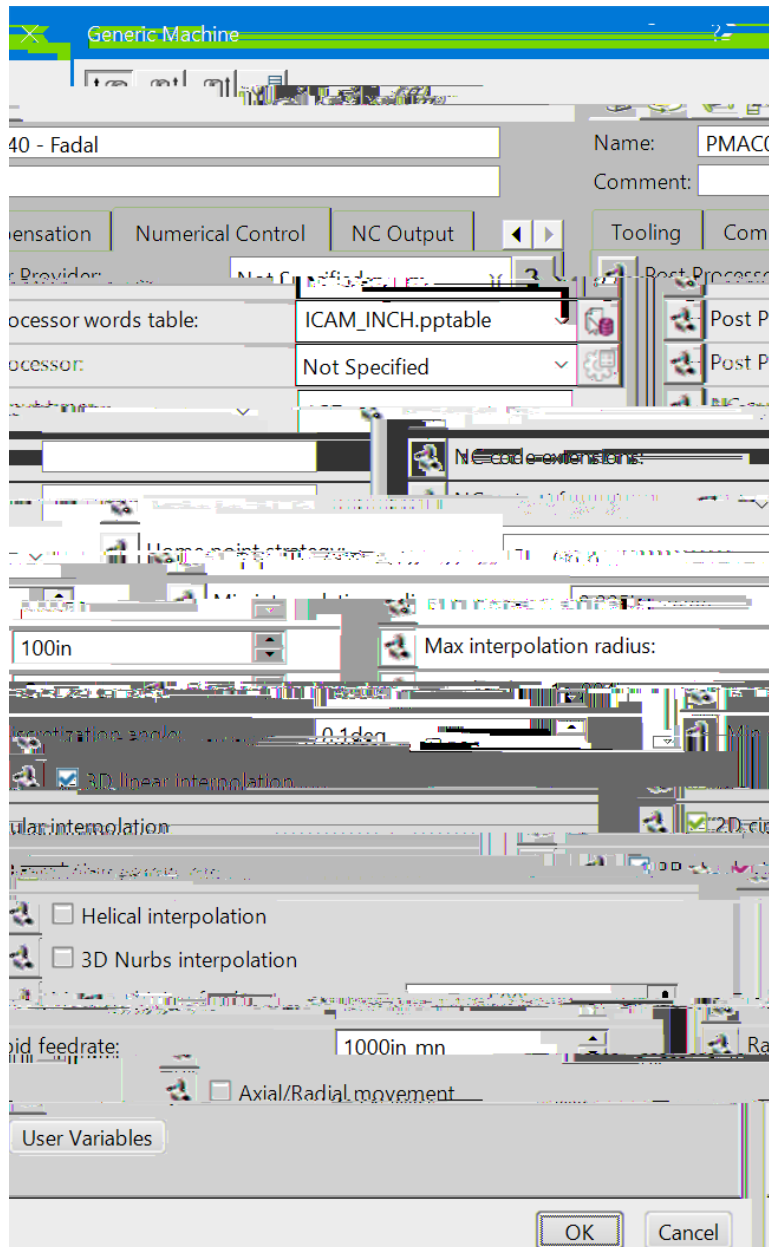
6ZLWFKSpñleWKH

6 H W M A K M A C H I N I N G F E E D R A T E W R L Q B P K Q V Z L O O L Q G L F D W H W K D W W K H
P D F K L Q L Q J I H H G U D W H D O O R Z H G I R L Q X W K H V P D F K L Q H L V L

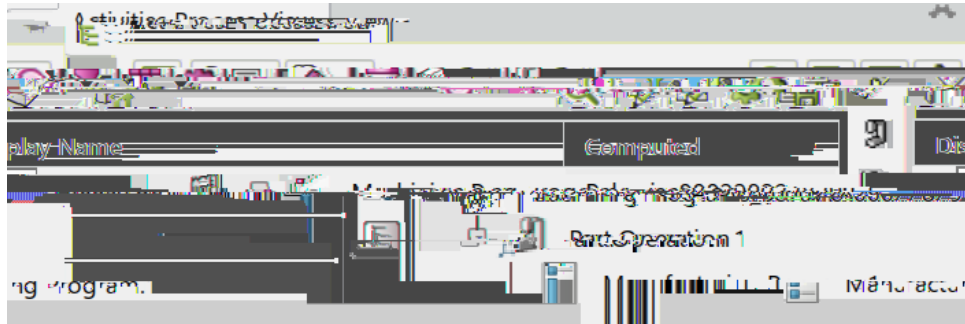
6 H W R A P I D F E E D R A T E W R L Q B P H Q Q W K R X J K W K H \$ 3 7 J H Q H U D W R U Z I
5 \$ 3 , ' V W D W H P H C R W L W H K L & \$ Z , S O Z L W K D O P M W Q R G V R H F D P O F X Q W R
L W W D N H V W R P R Y H I U R P R Q H S R L Q W W R D Q R W K H U Z K L O H

/ H D X I A L / R a d i a l m o v e m e n t R I I I \ R X U H P H P E H U E \ W X U Q L Q J W K L V R Q
L Q G L F D W L Q J W K D W I R & \$ 7 , \$ V E K R X O G X B I G V D P L V O P P D Q L Q J D Q L D O P
Z K H Q U H T X H V W H G W R P R Y H G L D J R Q D D Q G F R Q W D I R O E H K H W W
P R Y H P H Q W V Y L D P D F U R V D Q G R W K H U F R Q W U R O O D E O H P H W

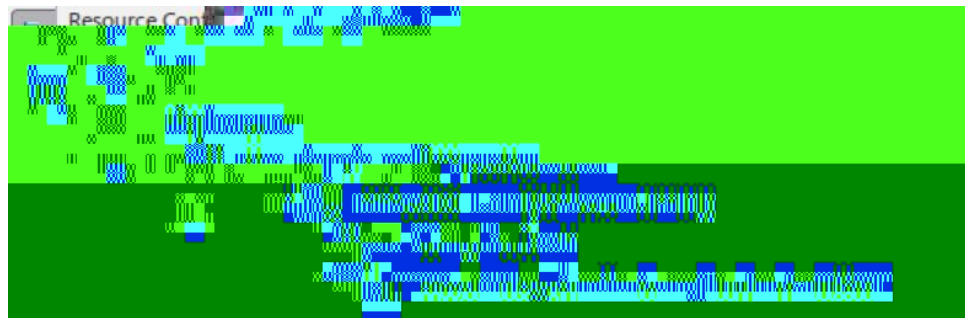
\$ W W K L V S R L Q W \ R X K D Y H D O O W K H P D F K L Q H S D U D P H W H U Y



6 H O O K F Z K H Q G 7 R Q M Z L O O K D Y H W K H P D F K L Q H V H W L Ø S \$ S
W K H W U H H

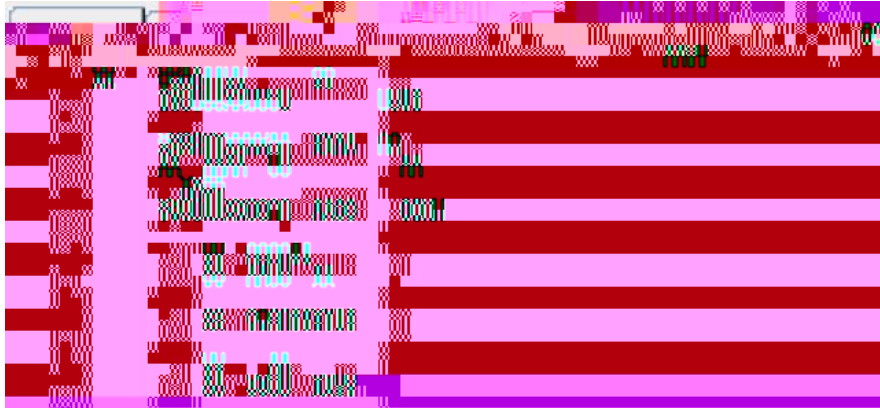


6 H O H R W W K C Configuration View W D E



5 L J K W V H O H F W R Q W K H

/HDYHONVW DW7KLV ZLOO VHW WKH D[LV WR EH DORQ.
SDUDOOHO WR WKH = D[LV



6H00KFW\$OZD\V EH VXUH WKH PDFKLQH SZLWDPYRKHZLVO DUJH WH
LQDFFXUDWH RXWSXW LQ WKH \$3Q FRIQUHUFDW R X W S Q W W Q XWK
PDFKLQH FRGH

'HILQLQJ WKH 3DUW 2SHUDWLRQ

6ZLWFKAWRiesWKdless TreeW DE DQG GRXPardOperatibQH F7WK LRQ
ZLOO GLNas OperatiW KZLQGRZ



7KHUH DUH VHYHUDO GLIIHUHQW EIRUGHV\WK DEVH JZLOO @ DQFK
7KXVH VWHSV ZLOO EH YHU\ FRPPRQ 7IRNHD @ XSLFUNWVRIRQ

Optional

Design Part 'HILQHV WKH GHVLJQ SDUW IRU XVH LQ DQDO\VHV

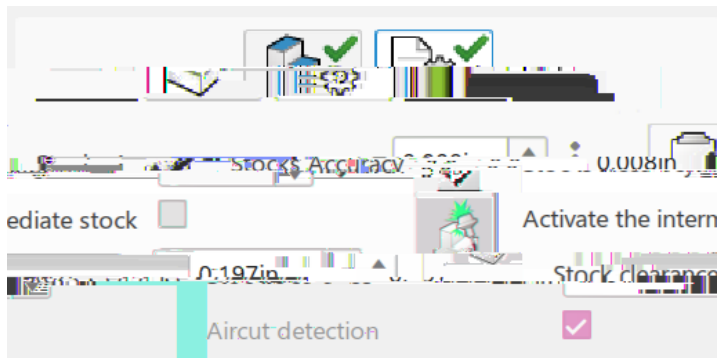
Fixtures \$OORZV \RX WR GHILQH DQ\ IL[WXUHV D 'XULQJ PDWHULDO UHPRYDO VLPXODWLI IL[WXUH SDUWV ZLOO GLVSOD\ UHG DUH

Rough Stock 'HILQHV WKH VWRFN SDUW DURXQG WKH VWRFN SDUW LV QRW VHOHFWHG D VLJ UHFWDQJXODU EORFN ZLOO EH DVVXPH

Safety Plane 'HILQHV WKH VDIHW\ SODQH IRU WKH SD

Feeds & Speeds... \$OORZV \RX WR FRQILJXUH WKH IHHGV DQG RSHUDWLRQ

6WUDWH'HILQHV WKH RSWLRQV IRU WKH SDUW RSHU



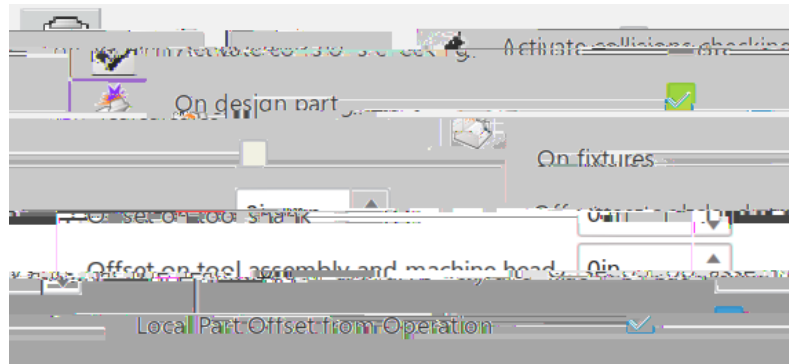
* HQHUDO

Stock Accuracy 'HILQHV WKH DFFXUDF\ RI WKH PDFKLQ PDWHULDO 7KH VPDOOHU WKH QXPEHU DFFXUDF\ KRZHYHU WKH VORZHU WKH

Activate the inter... \$OORZV WKH LQWHUPHGLDWH VWRFN W FRPSXWHG DQG WDNHQ LQWR DFFRXQW FRPSXWDWLRQ

Stock clearance 6SHFLILHV WKH GHIDXOW FOHDUDQFH Y

Aircut detection 6SHFLILHV FXWWLQJ DLU ZLOO EH GHWH



&ROOLVLRQV 3DUDPHWHUV

| | |
|-------------------------------|--|
| <i>Activate collisions...</i> | \$OORZV IRU TXLFN IHG EDFN DERXW WRRO SDWK UHSOD\ |
| <i>On design part</i> | 'HWHFWV FROOLVLRQV RQ WRRO WRR |
| <i>On fixtures</i> | 'HWHFWV FROOLVLRQV RQ WRRO WRR |
| <i>Offset on tool...</i> | 6HWV WKH RIIVHW RQ WKH WRRO VKD |
| <i>Offset on tool...</i> | 6HWV WKH RIIVHW RQ WKH WRRO KRC |
| <i>Local Part Offset...</i> | 6SHFLILHV D ORFDO SDUW RIIVHW ZL |

0DFKLQLQJ \$[LV 'HILQLWLRQ

7KH PDFKLQLQJ D[LV LV DQ LPSRUWFDQQLSDUDWL RIFWQHJH QH
EH SODFHG DQ\ZKHUH RQ WKH PRGHU DWKHZVQRKDZDLQVQVKR
EHWWHU WKDQ RWKHUV <RX UDUHXLZHQWUWSRODBMS WQVLE
VWRFN PDWHULDO <RX JHQHUDOOH ZDZGZBQWRWDXHF PUDFKU
VWRFN PDWHULDO WKDW ZD\ LW LV PXFK HDVLHU IRU WKH

Machine Axis

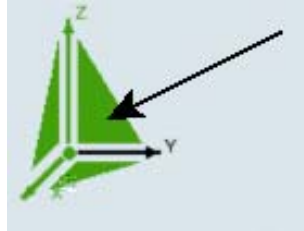
1RWLFH WKH D[LV V\WHP LQ WKH P D7KLVQG G G Q B\MLHV ZW Q G
D[LV ORFDWLRQ KDV EHHQ GHILQH

1RZ WR DGMXVW WKH D[LV GLUHFWWRWKH \$MLWXPHWQH P V B
WRZDUGV WKH SDUW 7KLV PHDQG W K D W \ G X U Z H F W L R Q R U
WKH\ ERWK SRLQW WRZDUGV WKHHW R FN< SDUW \ B X Q Z L H O C
WR DGMXVW WKH ; D[LV GLUHFWLRQ

6HOHFW WKH ; D[LV P D B K I R Z L Q U R B [W K H V W L M P Z Z O Q G R Z O R Z \
PRYH WKH ; D[LV 7KLV ZLOO DOVR GLVSOD\ WKH

:LWK WKH VHOHF WdPaQ P R G H F W H W W R

6HOHFW RQH RI WKH SODQHV RI WKH HD [SODQHV WDPJ HG WIKR
KHUH



:KHQ \RX VHOHFW WKH SODQHV WIOH ZLSQGR ZDZLVW IDJDL
VHOHFW DQ D[LV

\$W WKH RWKHU KHGHRLWDC D[DEOD WWPWK-R D[ZLV V\VVH
VDPH DV WKLW D[LV

6HOHFW WKH D[LV DW WKH OIRGRLVWQH WDEWH P LV VKRZ

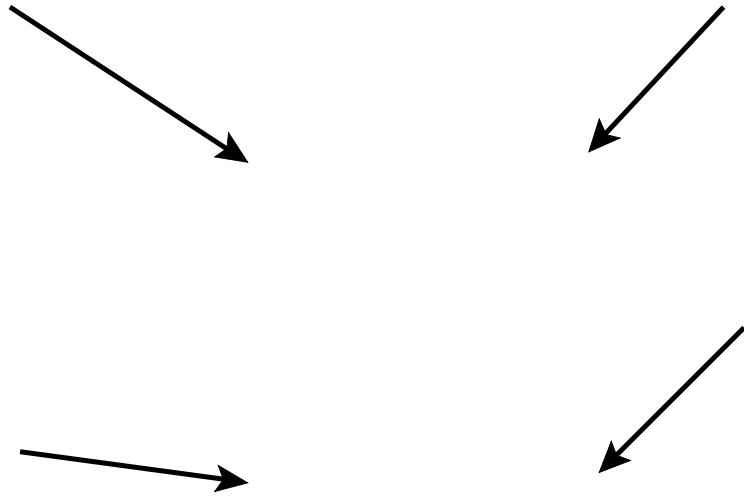


7KH PDFKLQLQJ D[LV ZLOO PRYH DQG LQR WDW HG WVR DFLDWS

6HOHFW WKH PDFKLQLQJ D[LV ZLOO VHUYH DV W
ODQ\ WLPHV PDFKLQH VHHGV ZLOOWK D[LV D[LV D[LV D[LV
PDFKLQLQJ D[LV

6HOHFVWWRKHSWLRQFH \RX ZDQW WR NHHS WKH QXPEHU F
PLQLPXP \RX ZLOO MXVW ZDQW WRXVDIHHFWRQFKHUQHDZVIE
FROOLVLRQV ZLWK RWKHU SDUWVRIWRKHZRLXVHG WDECHD
GHILQH WKHP DV ZHOO

6HOHFW WKH YLVH MDZV IURP WKH-XVDSKHEDDZRHDFKSSD
,I \RX VHOHFW LW WZLFH LW ZHOO ZQWKHDKFWSWUKW SDU
KLJKOLJKWHG LW LV GLILFXOWHWRGRGHWRWPLQH LI WKH



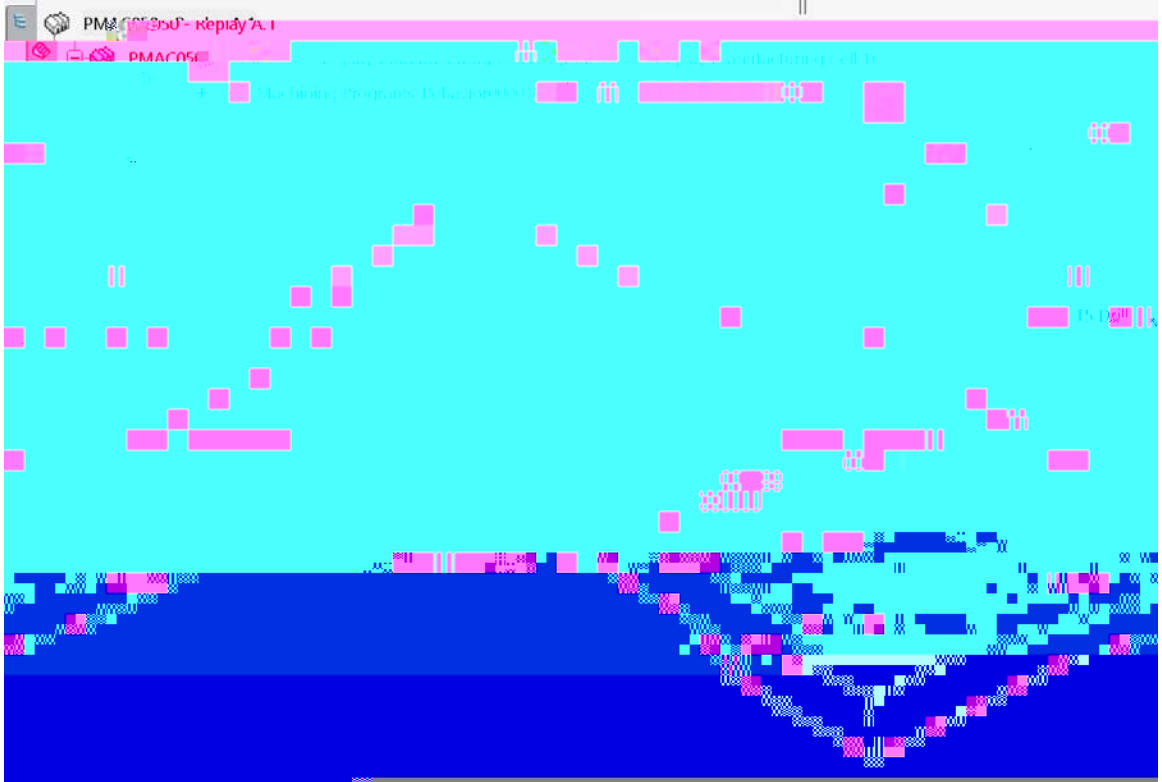
'RXEOH VHOHFW LQ WKH ZRUNGSDERIVZKHQGRVQHVHOHFW
GRXEHOH VHOHFW LQ VSDFH <RX FSDUWHVLDQ\BX ZDQWSD
KDYH IRXU IL[WXUHV GHILQHG

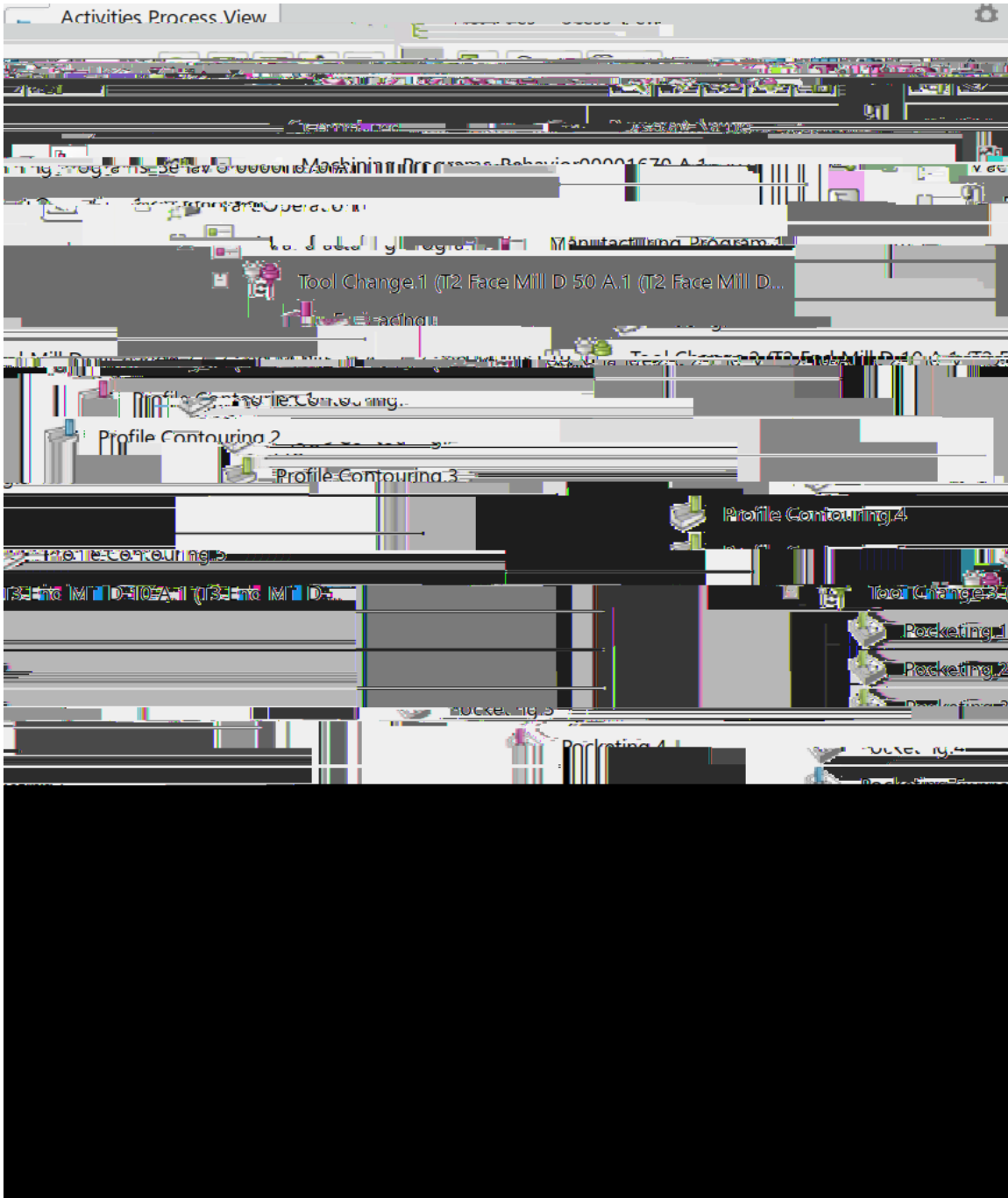
7KH ODVW GHILQLWLRQ LV WKH VDIHW\ SODQH

5HSOD\LQJ

%HIRUH \RX FDQ IXOO\ XQGHUVWD RQ Z KDWD RAZK'YR X DWUR FGXR
PXVW ILUVW EH IDPLOLDU ZLWK QH SLODWLQJH PRXW WR R B DUS
RI YHULI\LQJ ZKM VDKFH X UVDKHH O'R B XDWZLLQJJ WKKH US-DSLOW\ KH C
LQVXUH WKH FRUUHFWQHVV RI WKH SURJUDP RYHUDOO

2SHQ 301\$ 8 5HSOD\XPH QW PDFKLQLQJ SURFHVV DOUHI
RSHUDWLRQV DSSOLHG WR LW 70 HD O D BZR\RX PDFK KLHQ FIRQ
IDPLOLDU ZLWK UHSOD\LQJ \RXU PDFKLQLQJ SURFHVVHV

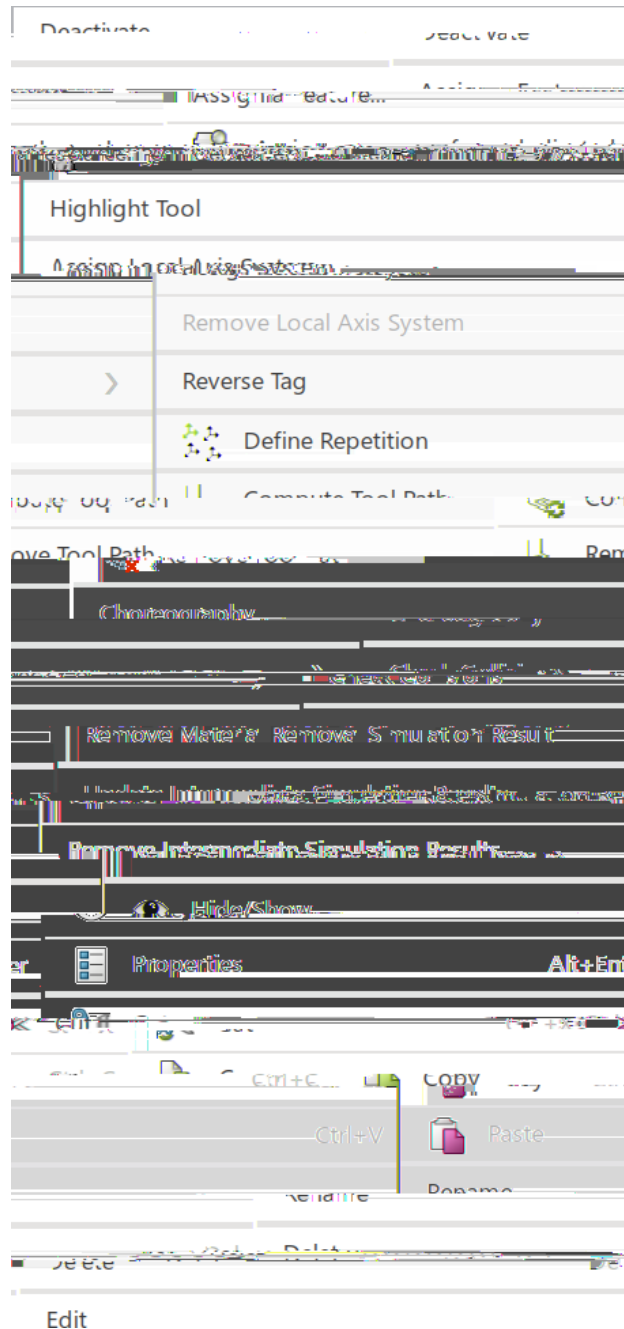




0DFKLQLQJ RSHUDWLRQV FDQ KDYM W K Z R V R W D S B W K V 2 Q R P S W
 W K L V V W D W H W K H W R R O S D W K V D W U R Q D Y D Q G D F E D Q H E I R U W K S O H D
 L Q V W D Q W O \ : K H Q W K H W R R O S D W K V P E B B Z R O S X W K R G Z W B H L
 W K h p u t e d F R O X P Q

6LQFH QRQH RI WKH PDFKLQLQJ RSH UADK\HL R\QR R & DSYHW WK HD
FRPSXWHG 7KH ILUVW VWHS EHIRHU HV RIRI OSD\WQJ Z & O SE
WRRO SDWKV FDQ EH GRQH D QXPEHU RI GLIIHUHQW ZD\

:LWK WKH ULJKW PRXV Fating X WUWRFQW K F KMHV MHLROO GLVSOD\
FRQWH[W\WXDO PHQX 7KH PRVW LPS RLOW D Q WHRISR\MLRQ\GV WE



Compute Tool Path

\$OORZV \RX WR PDQXDOO\ FRPSXWH WKH
FRPSXWH WKH WRRO SDWK \RX DOVR KD
WRRO SDWK FRPSXWDWLRQ

DELMIA Prismatic Machining

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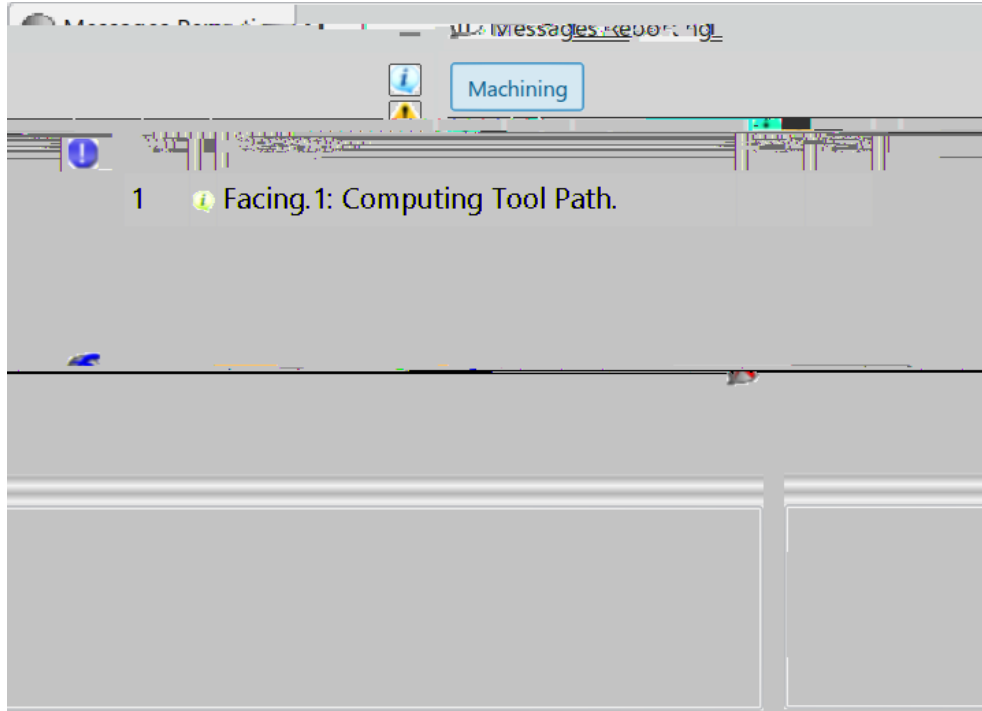
Remove Tool Path

\$ OORZV \RX WR UHW R R I O S W W U R X S V W R K H W K H
%\ UHPRYLQJ WKH WRRO SDWK \RX ZLOO G
VL]H RI WKH ILOH VDYHG

Remove Material Sim...

:KHQ D YLGHR UHVXOW LV FUHDWHG D WHF

6 HOHFOM WWDH H 5 HSLRURQL RQ WKH ULJKW VLGFKRI WKH GLV
Messages Reporting SDQH DSSHDUV



<RX PD\ O Messages Reporting SDQH H[SDQGHG LI \RX OLNH RU \R
LFRQ ZLOO DOZD\ EH WKHUH WR DEVLEH QWF EDSXWHIG Z V



Note: If the operation shows as computed, yet the tool paths are not visible, you can turn them on by going to Preferences, Legacy Preferences, Machining, Output tab, and turning on the Tool Path Edition option.

6 HOHFOM Contouring.1 LQ WKH\$ CLRPSXWDWLRQ WRROEDU DSSH



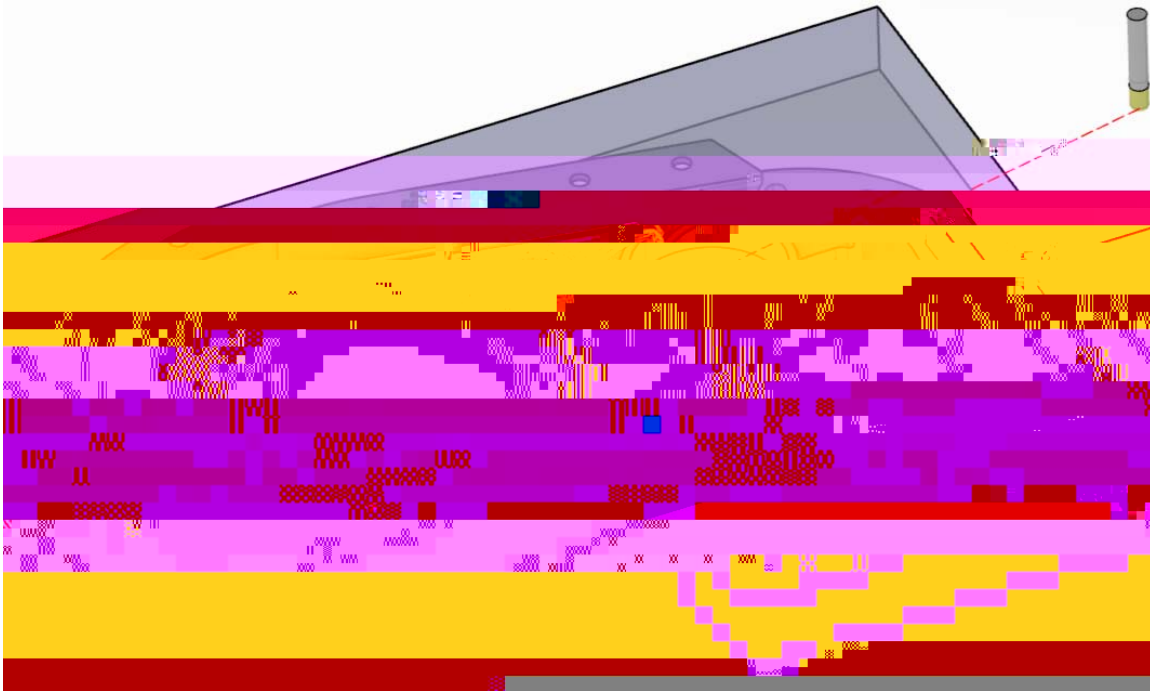
&RPSXWH DQG &KHFN 7RRO S XWHV DQG GLVSOD\V WK
RI WKH VHOHFWHG RSHUDWLI



)RUFH &RPSXWH 7RRO 3DPRKFMV FRPSXWDWLRQ RI WK

&RPSXWH 7RRO 3DWK LI&RPSXWH V\WKH WRRO SDWKV
RSHUDWLRQV LI QRW DOUHDO

6 H O F r e v 1 n g . 8 D Q G V H Q R P S X W K H D Q G & K H F N F 7 R O 7 3 D H W W R R O
SDWKV DSSHDU



6 H O H F W W F R Q E y W R R C U 7 K H W R R O E D U F O R V H V D Q G W K H
GLVDSSHDU

1 R Z L W L V W L P H W R L Q Y H V W L J D W H W K H 3 O D \ R S W L R Q V D E

6 H O F r e v 1 D Q G V H Q R P S X W K H D Q G & K H F N F 7 R O 7 3 D H W W R R O
SDWKV DSSHDU

