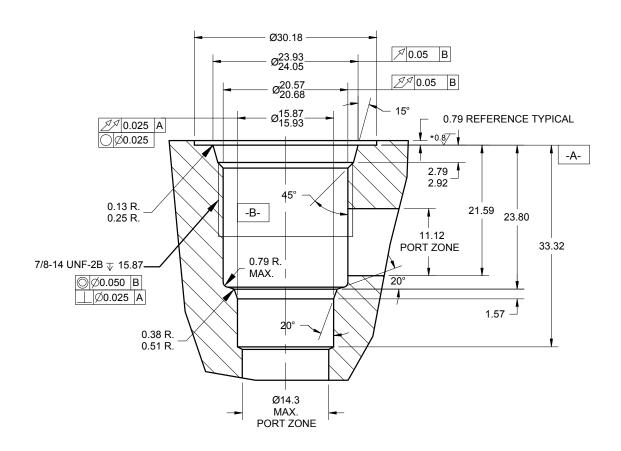


Cavity: DE10-2 Form Tool: 40500000

10 size, 7/8-14 thread, "Delta" series

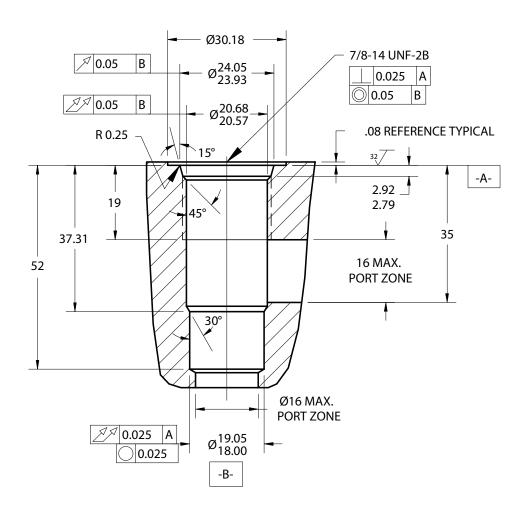


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500000.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES
 MEET ALL DIMENSIONAL AND QUALITY
 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.
 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE
 MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: DE10-2S Form Tool: 40500028

10 size, 7/8-14 thread, Special "Delta" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500028.
- 2.) ALL MACHINED SURFACES TO BE 0.8. FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

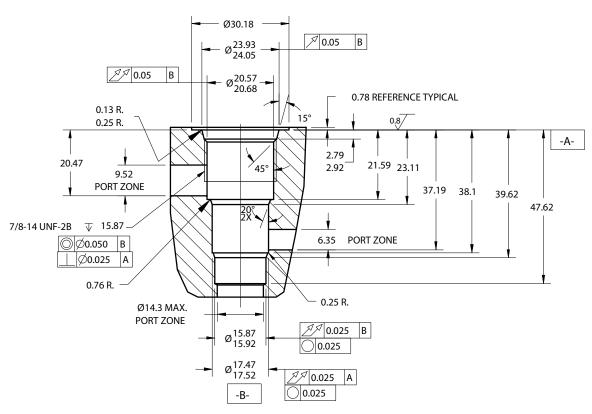
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: DF10-3 Form Tool: 40500001

10 size, 7/8-14 thread, "Delta" series

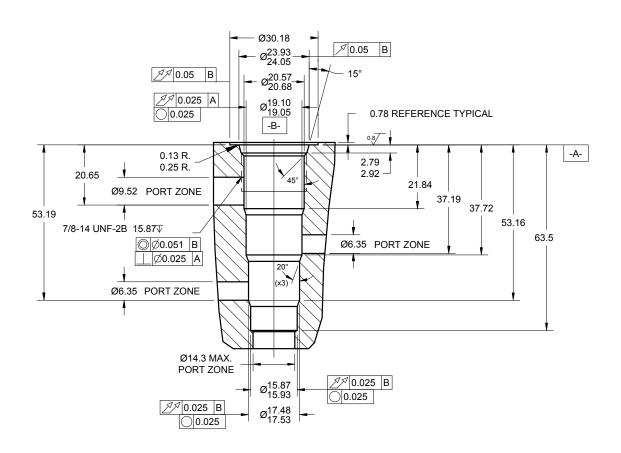


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500001.
- 2.) ALL MACHINED SURFACES TO BE 0.8, FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES
 MEET ALL DIMENSIONAL AND QUALITY
 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.
 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE
 MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: DG10-4 Form Tool: 40500002

10 size, 7/8-14 thread, "Delta" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500002.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

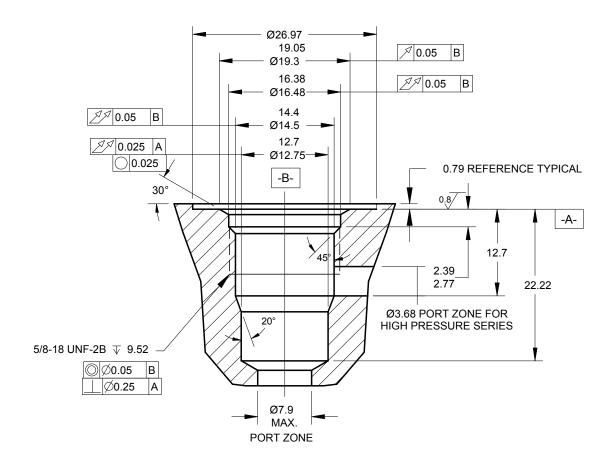
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: HA07-2 Form Tool: 40500003

7 size, 5/8-18 thread, "Mini" series, High pressure.



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500003.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

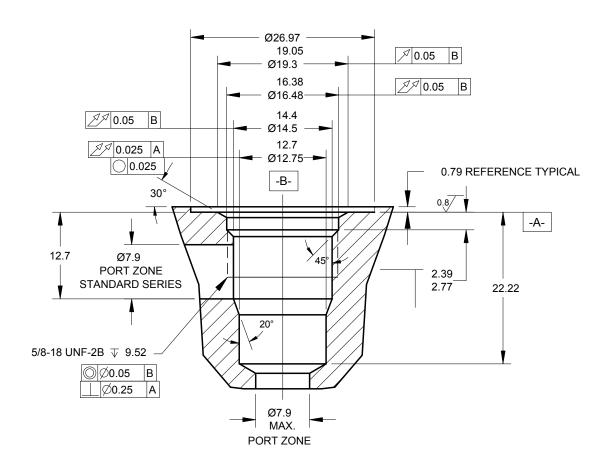
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE
- MALFUNCTION AND/OR FAILURE FROM DISTORTION.
 4.) FOR STANDARD PRESSURE SERIES MINI VALVES SEE CAV-MA07-2.



Cavity: MA07-2 Form Tool: 40500003

7 size, 5/8-18 thread, "Mini" series, Standard



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500003.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

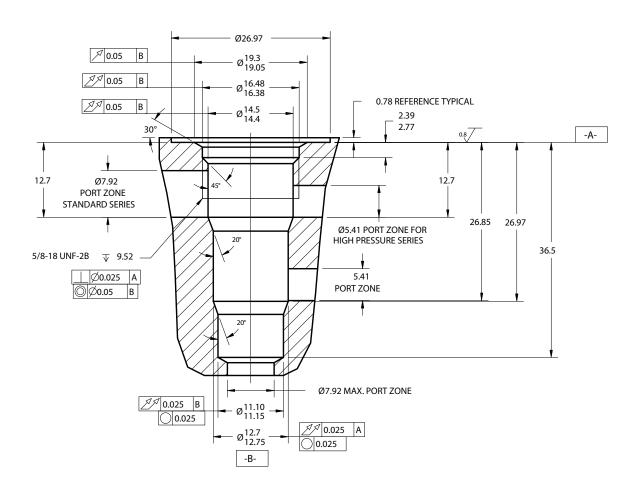
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.
- 4.) FOR HIGH PRESSURE SERIES MINI VALVES SEE CAV-HA07-2.



Cavity: MC07-3 Form Tool: 40500004

7 size, 5/8-18 thread, "Mini" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500004.
- 2.) ALL MACHINED SURFACES TO BE 0.8 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

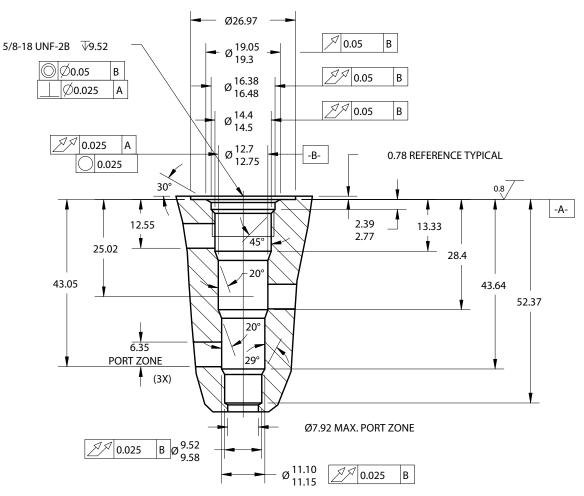
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.
- 4.) PORT ZONE IS $\,$ Ø5.41 MAXIMUM AT PORT #1 ONLY FOR HIGH PRESSURE SERIES MINI VALVES (HA-***_**).

Cavity: MD07-4 Form Tool: 40500006

7 size, 5/8-18 thread, "Mini" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500006.
- 2.) ALL MACHINED SURFACES TO BE 0.8 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

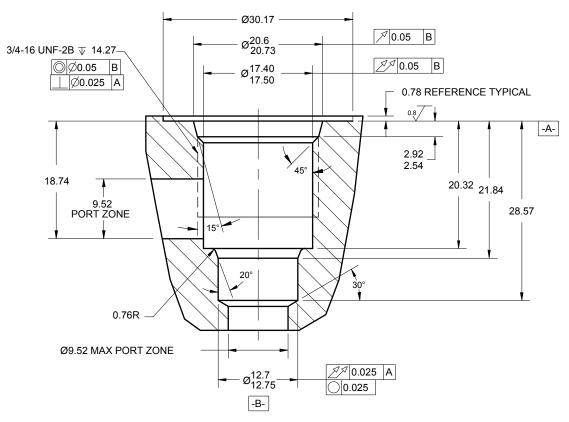
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: PB08-2 Form Tool: 40500005

8 size, 3/4-16 thread, "Power" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500005.
- 2.) ALL MACHINED SURFACES TO BE $^{0.8}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

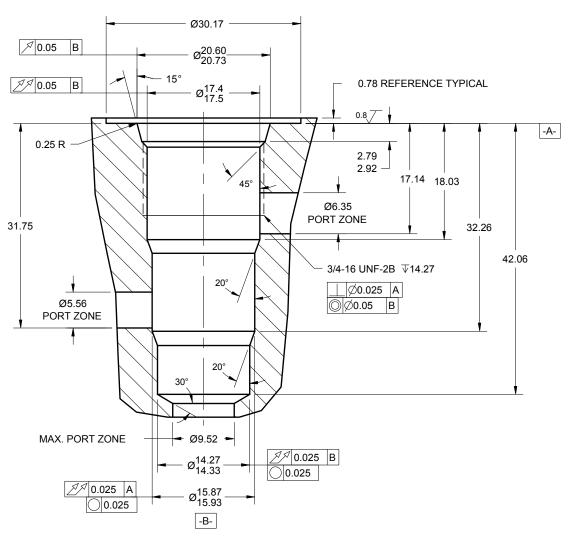
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: PP08-3 Form Tool: 40500024

8 size, 3/4-16 thread, "Power" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500024.
- 2.) ALL MACHINED SURFACES TO BE 0.8 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES

 MEET ALL DIMENSIONAL AND QUALITY

 STANDARDS OF CONCENTRICITY AND PERPENDICULARITY.

 THREADS MUST BE PERPENDICULAR TO THE SPOTFACE

 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

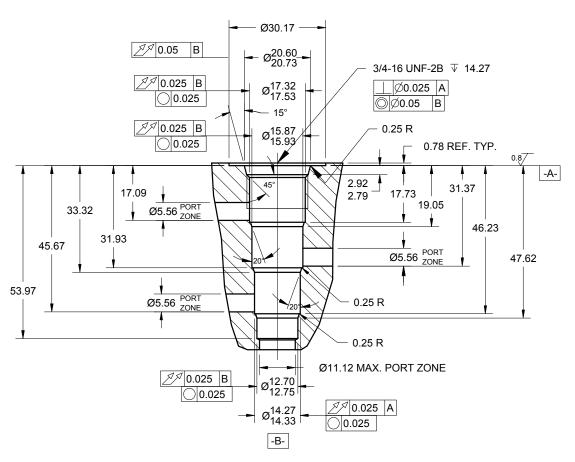
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE

 MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: PQ08-4 Form Tool: 40500029

8 size, 3/4-16 thread, "Power" series

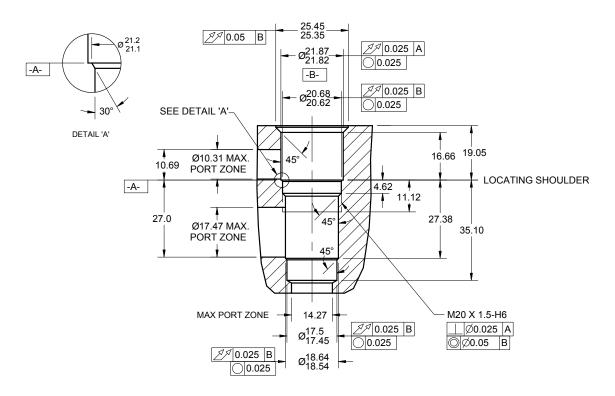


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500029.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO
 CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: QS10-3 Form Tool: 40500012

10 size, M20 X 1.5-H6 ISO metric thread, "Special" series

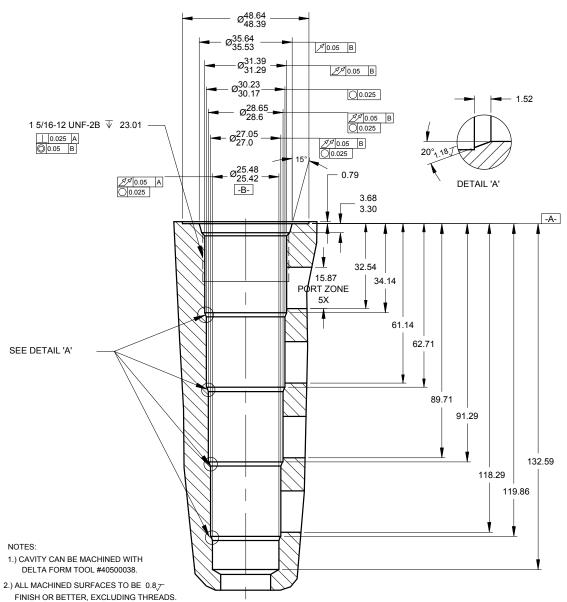


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500012.
- 2.) ALL MACHINED SURFACES TO BE $^{0.8}\slash$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO
 CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: SI16-5 Form Tool: 40500038

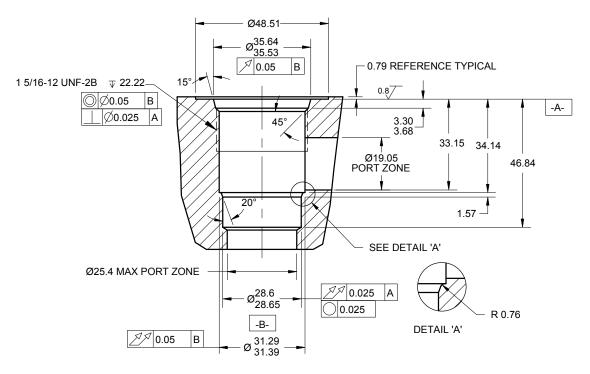
16 size, 1 5/16-12 thread, "Super" series



3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BEPERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: SJ16-2 Form Tool: 40500017

16 size, 1 5/16-12 thread, "Super" series

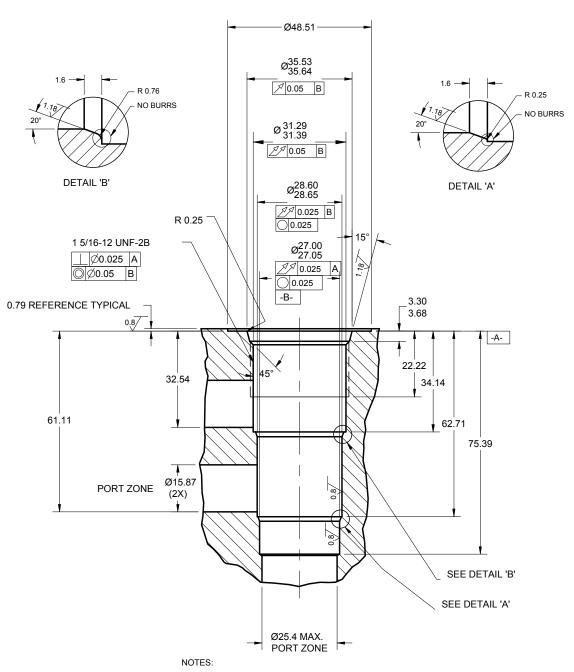


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500017.
- 2.) ALL MACHINED SURFACES TO BE 0.8 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO
 CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: SK16-3 Form Tool: 40500018

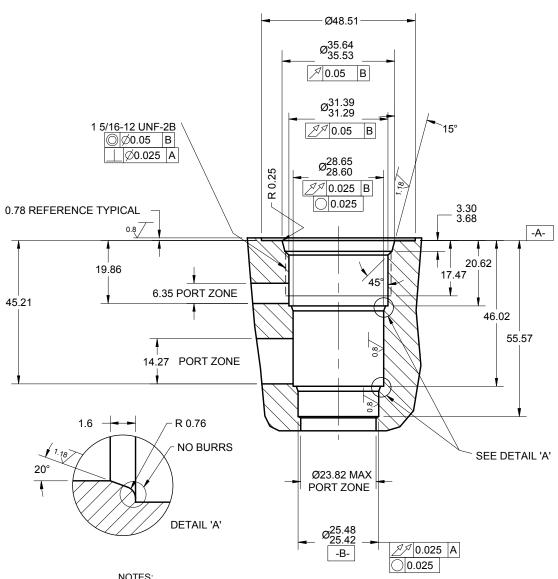
16 size, 1 5/16-12 thread, "Super" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500018.
- 2.) ALL MACHINED SURFACES TO BE $0.8\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.

Cavity: SL16-3 Form Tool: 40500021

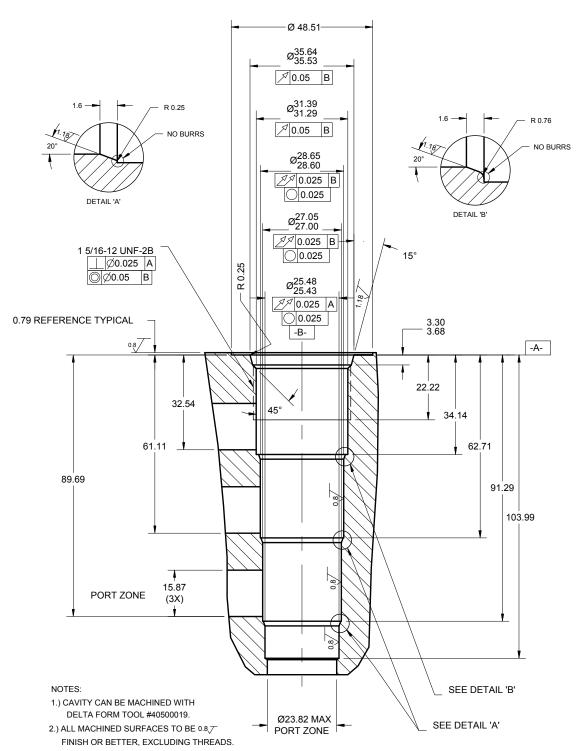
16 size, 1 5/16-12 thread, "Super" series



- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500021.
- 2.) ALL MACHINED SURFACES TO BE 0.87 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: SN16-4 Form Tool: 40500019

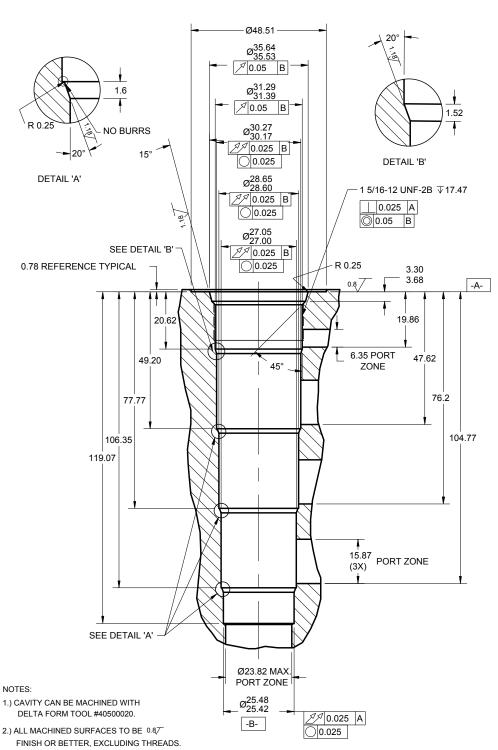
16 size, 1 5/16-12 thread, "Super" series



3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: SO16-5S Form Tool: 40500020

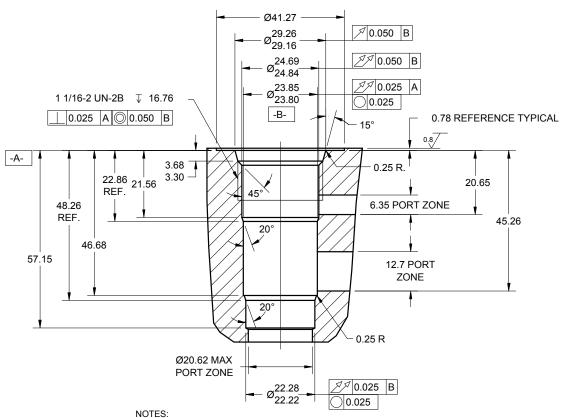
16 size, 1 5/16-12 thread, "Super" series



3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS
OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BEPERPENDICULAR TO THE SPOTFACE
SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: TR12-3S Form Tool: 40500033

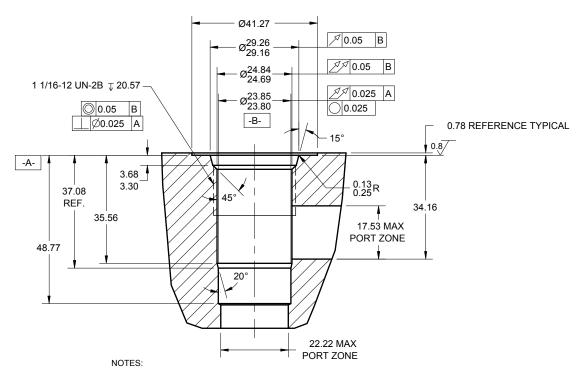
12 size, 1 1/16-12 thread, "Tecnord" series



- OTES:
- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500033.
- 2.) ALL MACHINED SURFACES TO BE 0.87 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO
 CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: TT12-2 Form Tool: 40500032

12 size, 1 1/16-12 thread, "Tecnord" series

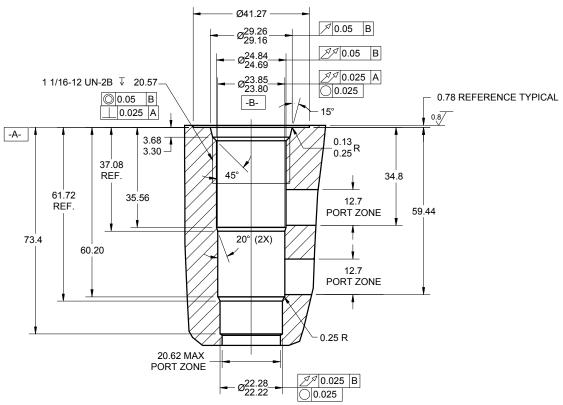


- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500032.
- 2.) ALL MACHINED SURFACES TO BE $0.8\surd$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO
 CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: TU12-3 Form Tool: 40500034

12 size, 1 1/16-12 thread, "Tecnord" series



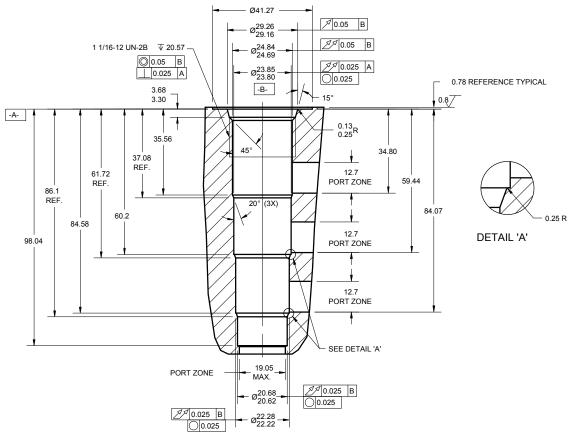
NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500034.
- 2.) ALL MACHINED SURFACES TO BE 0.87 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE
 CAVITIES MEET ALL DIMENSIONAL AND
 QUALITY STANDARDS OF CONCENTRICITY AND
 PERPENDICULARITY. THREADS MUST BE
 PERPENDICULAR TO THE SPOTFACE SURFACE.
 SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO

CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

Cavity: TV12-4 Form Tool: 40500034

12 size, 1 1/16-12 thread, "Tecnord" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500035.
- 2.) ALL MACHINED SURFACES TO BE $^{0.8}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND

QUALITY STANDARDS OF CONCENTRICITY AND

QUALITY STANDARDS OF CONCENTRICITY A

PERPENDICULARITY. THREADS MUST BE

PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.

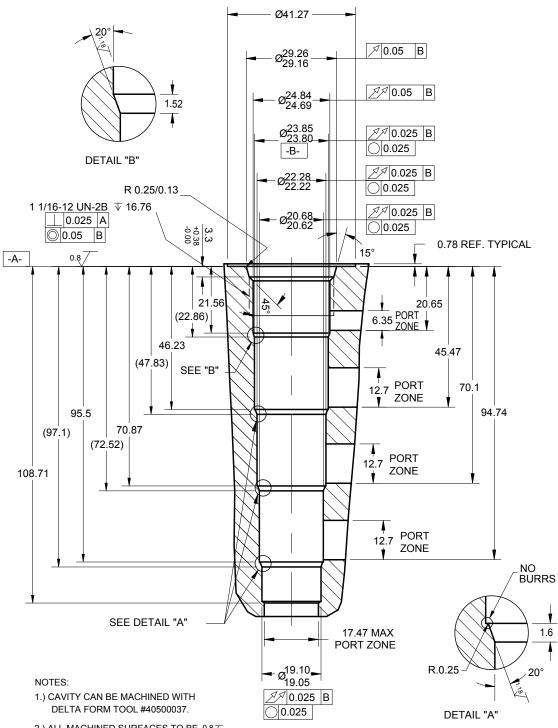
IMPROPERLY MACHINED CAVITIES CAN LEAD TO

CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.



Cavity: TX12-5S Form Tool: 40500037

12 size, 1 1/16-12 thread, "Tecnord" series



- 2.) ALL MACHINED SURFACES TO BE 0.87 FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS
 OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BEPERPENDICULAR TO THE SPOTFACE
 SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER.
 IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.