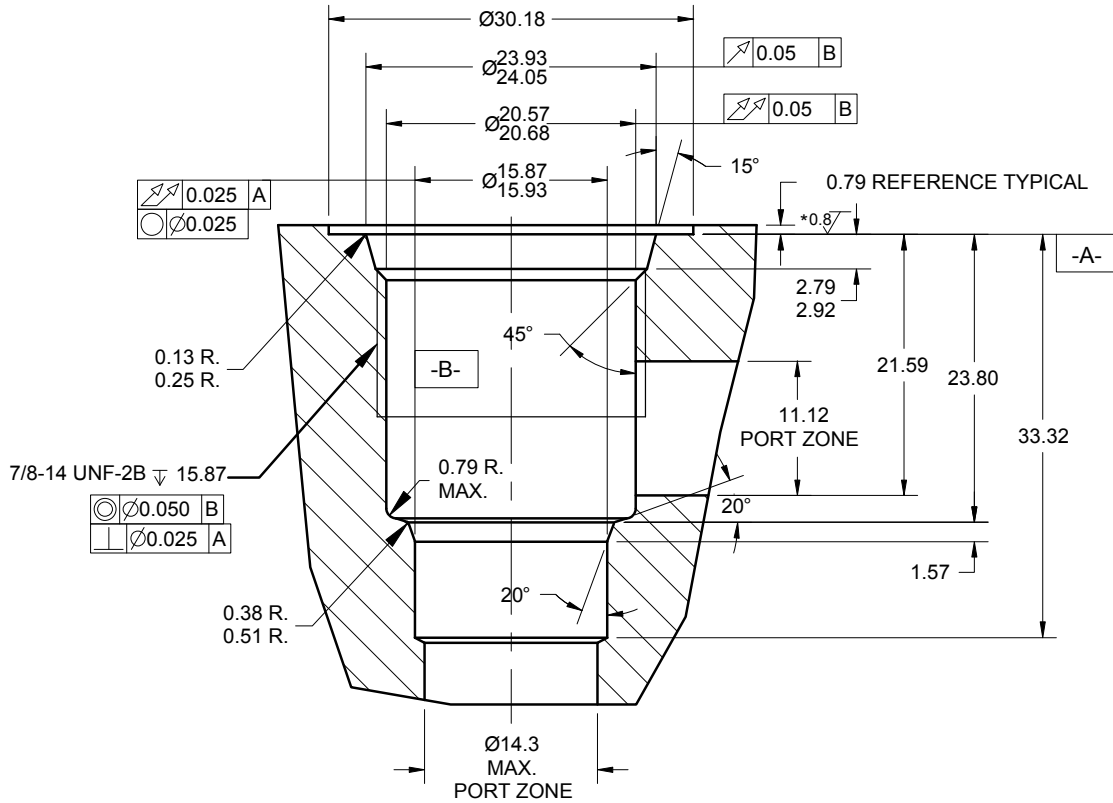


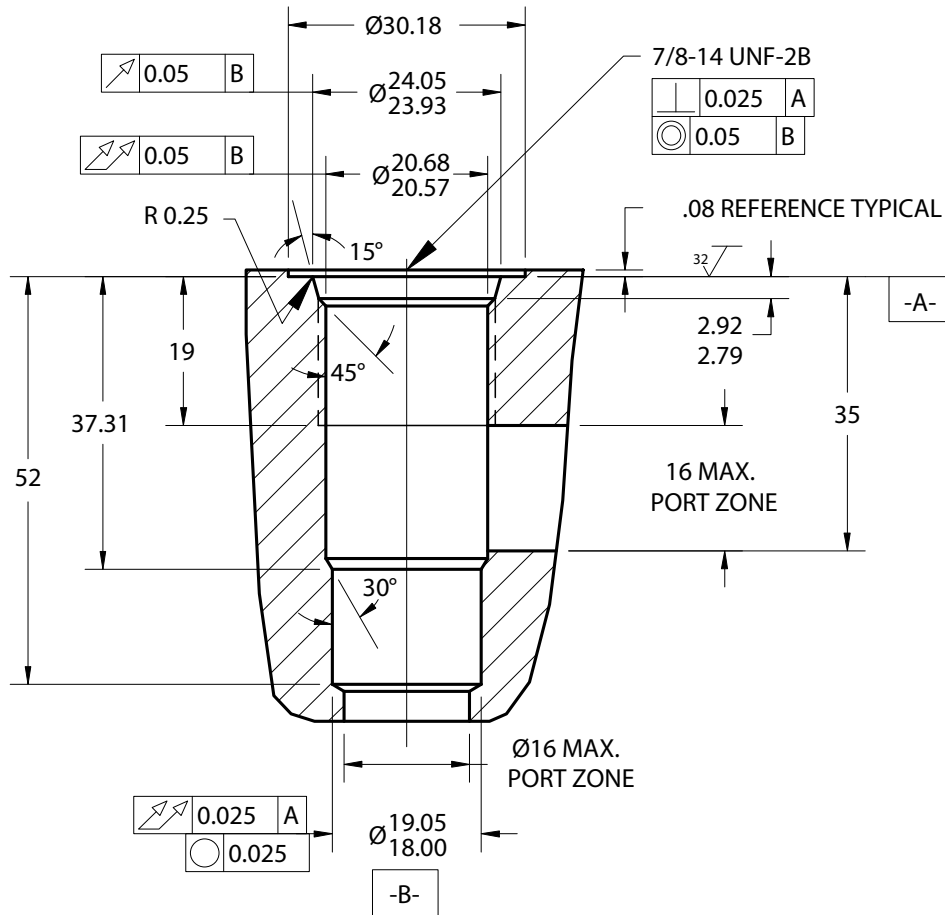
10 size, 7/8-14 thread, "Delta" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500000.
- 2.) ALL MACHINED SURFACES TO BE $0.8\sqrt{A}$ 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.

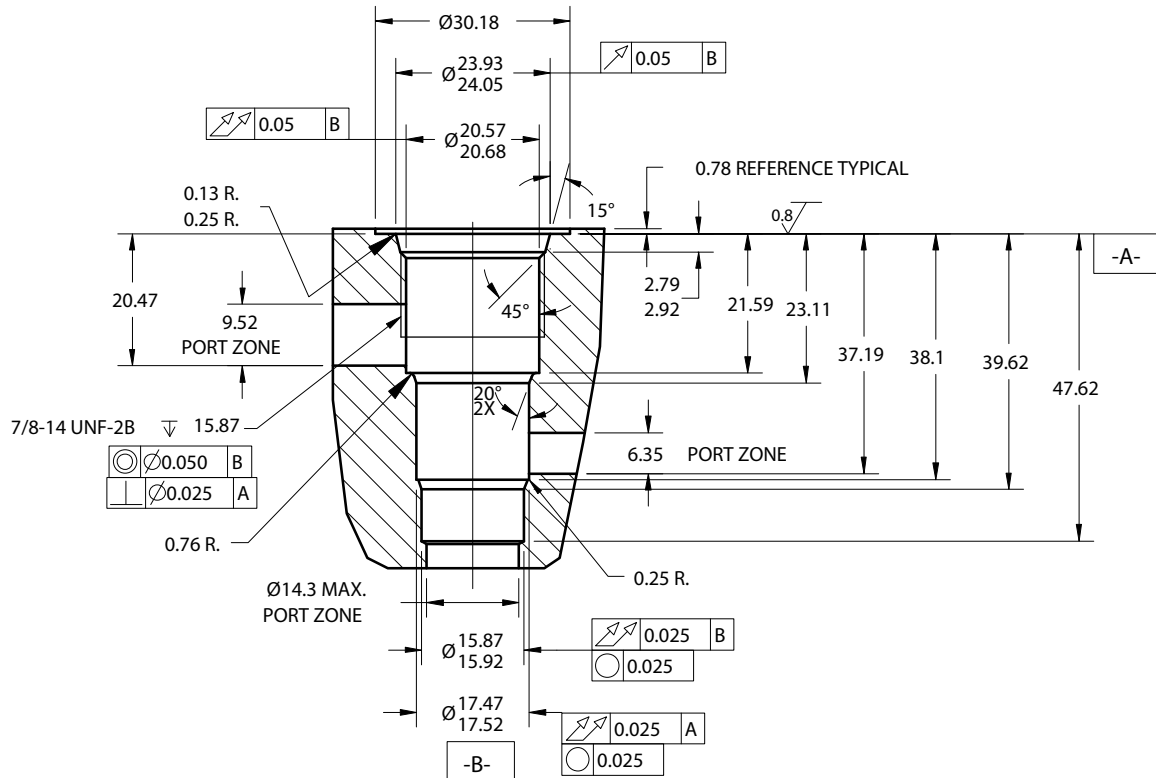
10 size, 7/8-14 thread, Special "Delta" series



NOTES:

- 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.

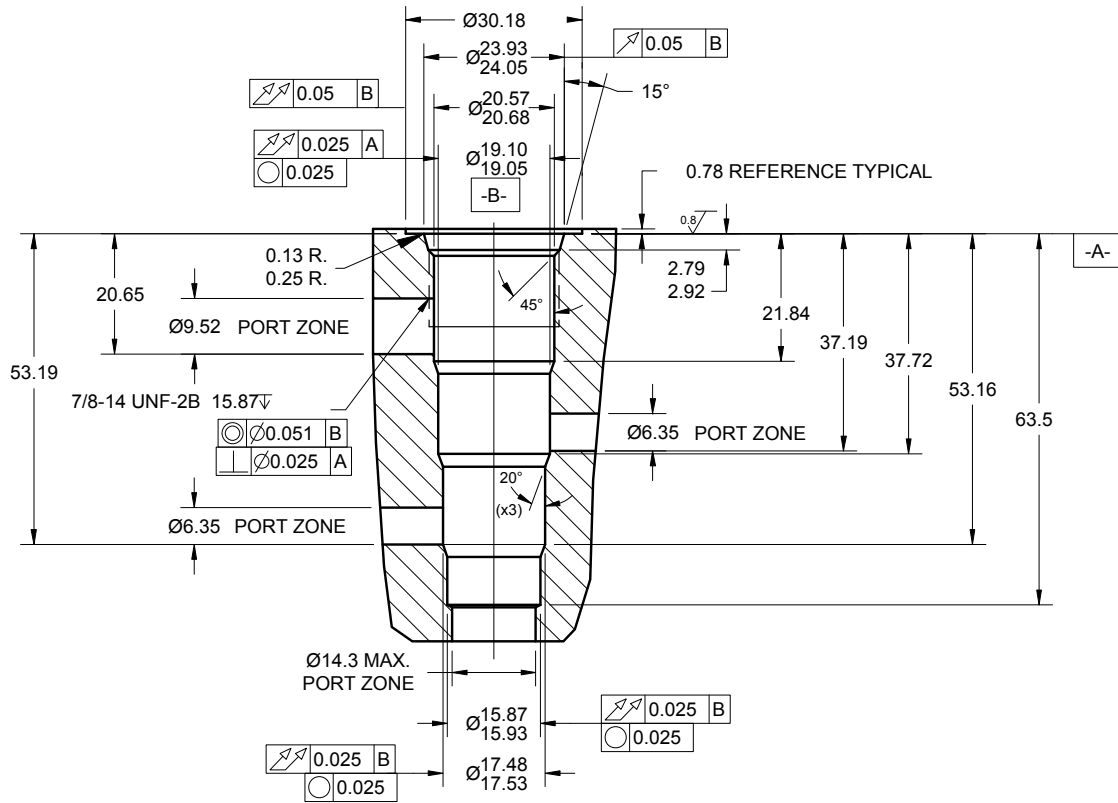
10 size, 7/8-14 thread, "Delta" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500001.
- 2.) ALL MACHINED SURFACES TO BE 0.8 $\sqrt{\text{R}}$ 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.

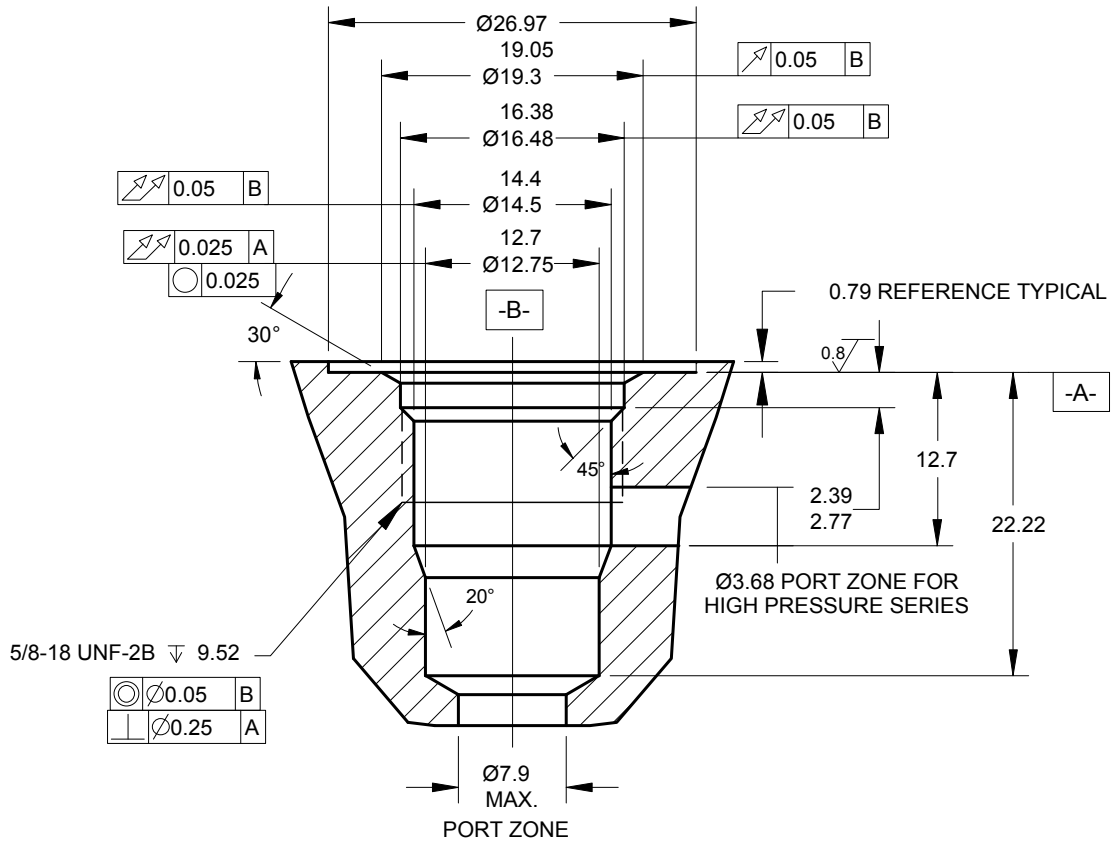
10 size, 7/8-14 thread, "Delta" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500002.
- 2.) ALL MACHINED SURFACES TO BE $0.8\sqrt{\text{ }}$ 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.

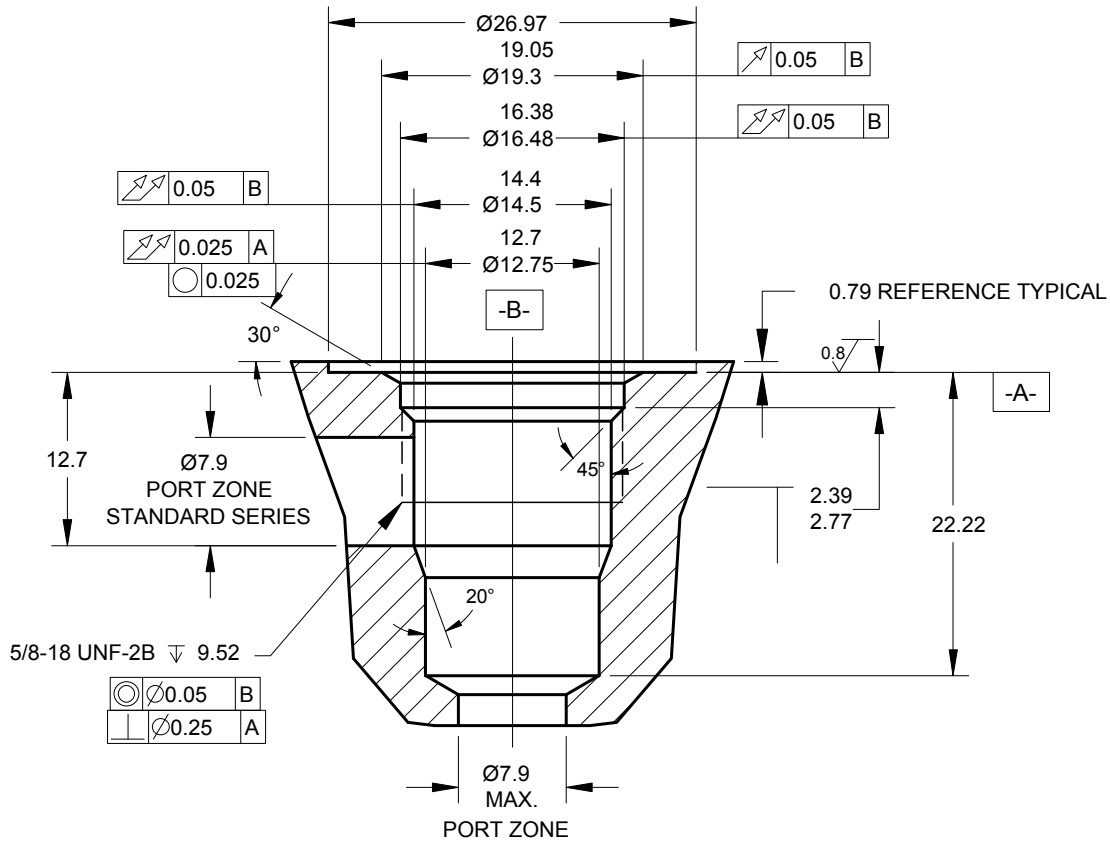
7 size, 5/8-18 thread, "Mini" series, High pressure.



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500003.
- 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.) FOR STANDARD PRESSURE SERIES MINI VALVES SEE CAV-MA07-2.

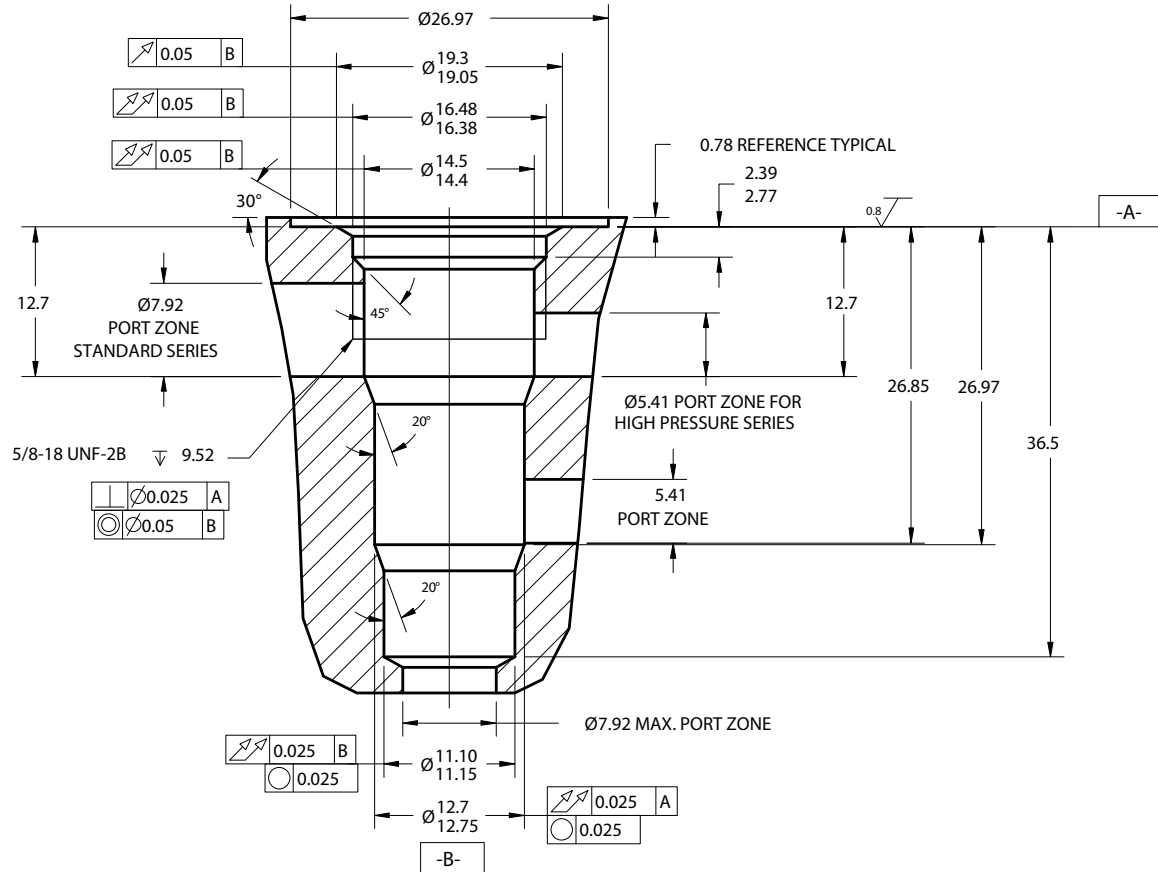
7 size, 5/8-18 thread, "Mini" series, Standard



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500003.
- 2.) ALL MACHINED SURFACES TO BE $0.8 \sqrt{\text{R}}$ 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.) FOR HIGH PRESSURE SERIES MINI VALVES SEE CAV-HA07-2.

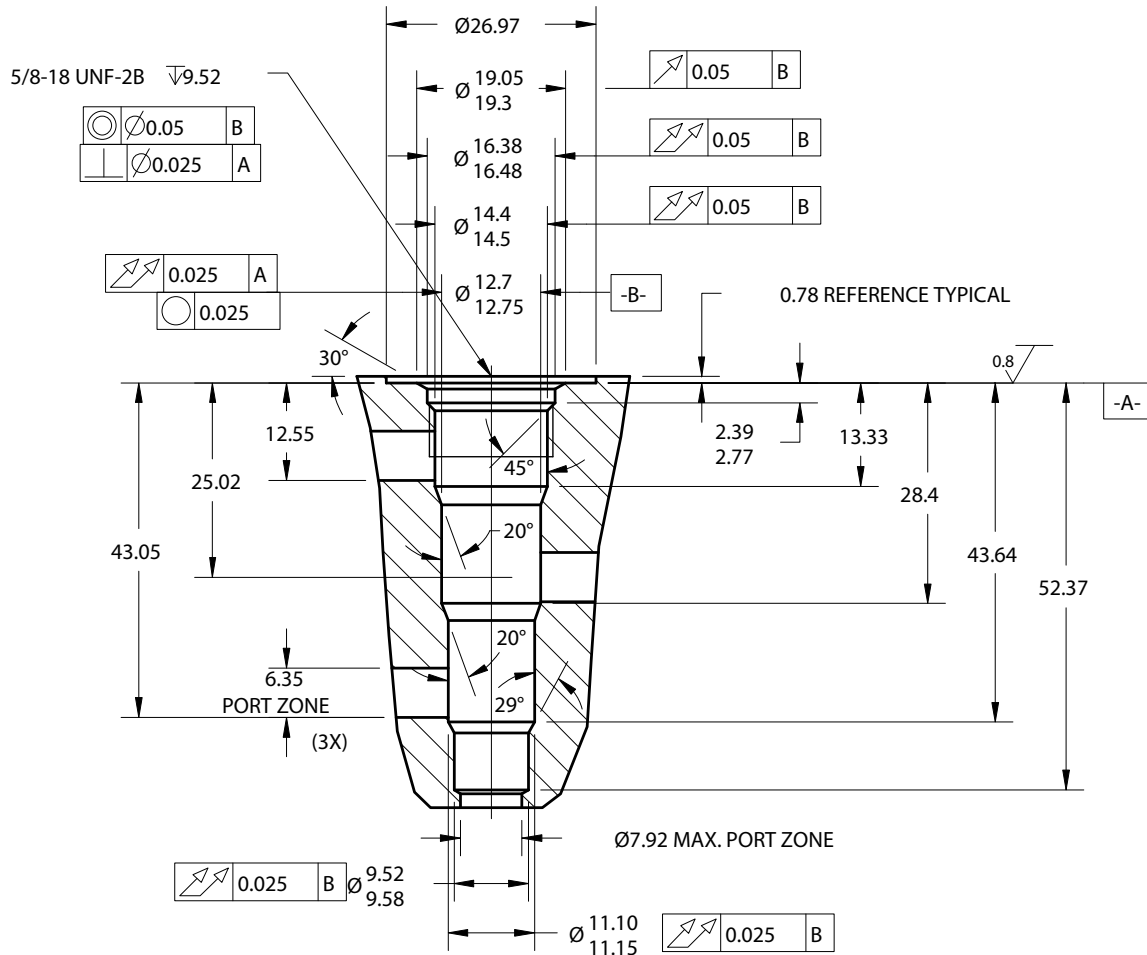
7 size, 5/8-18 thread, "Mini" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500004.
- 2.) ALL MACHINED SURFACES TO BE $0.8\sqrt{\text{ }}$ 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 $\varnothing 5.41$ MAXIMUM AT PORT #1 ONLY FOR HIGH PRESSURE SERIES MINI VALVES (HA-***-***).

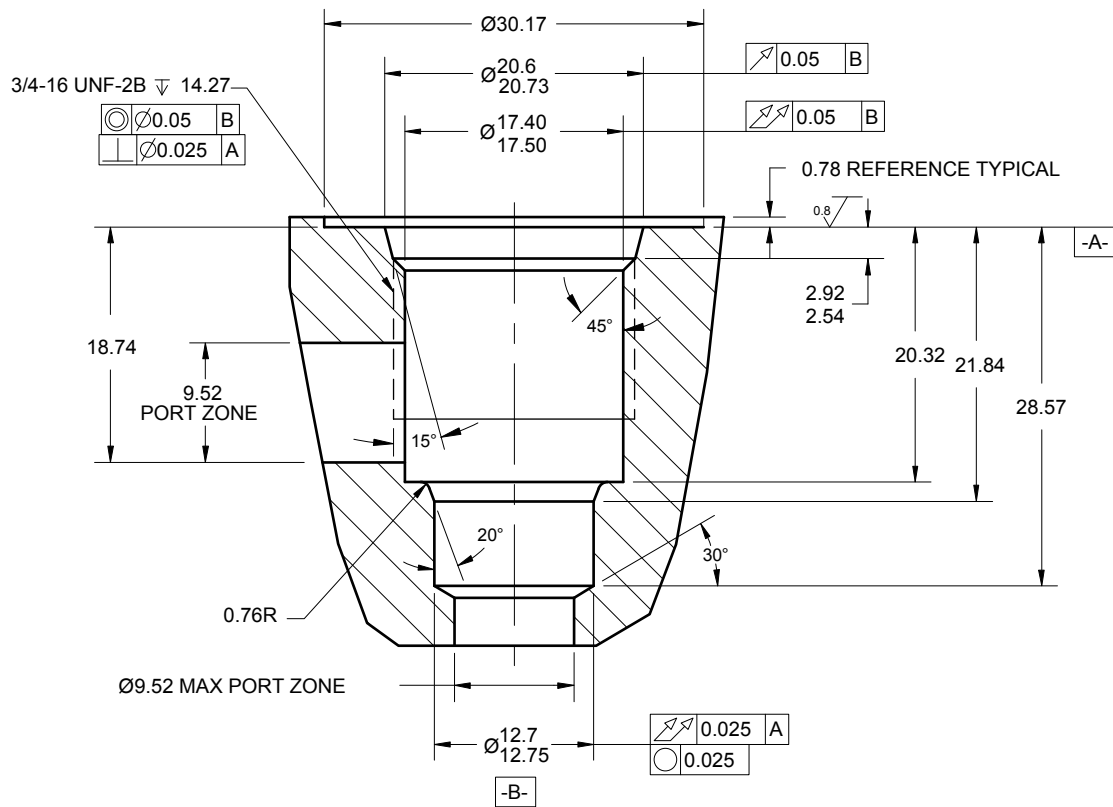
7 size, 5/8-18 thread, "Mini" series



NOTES:

- 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.

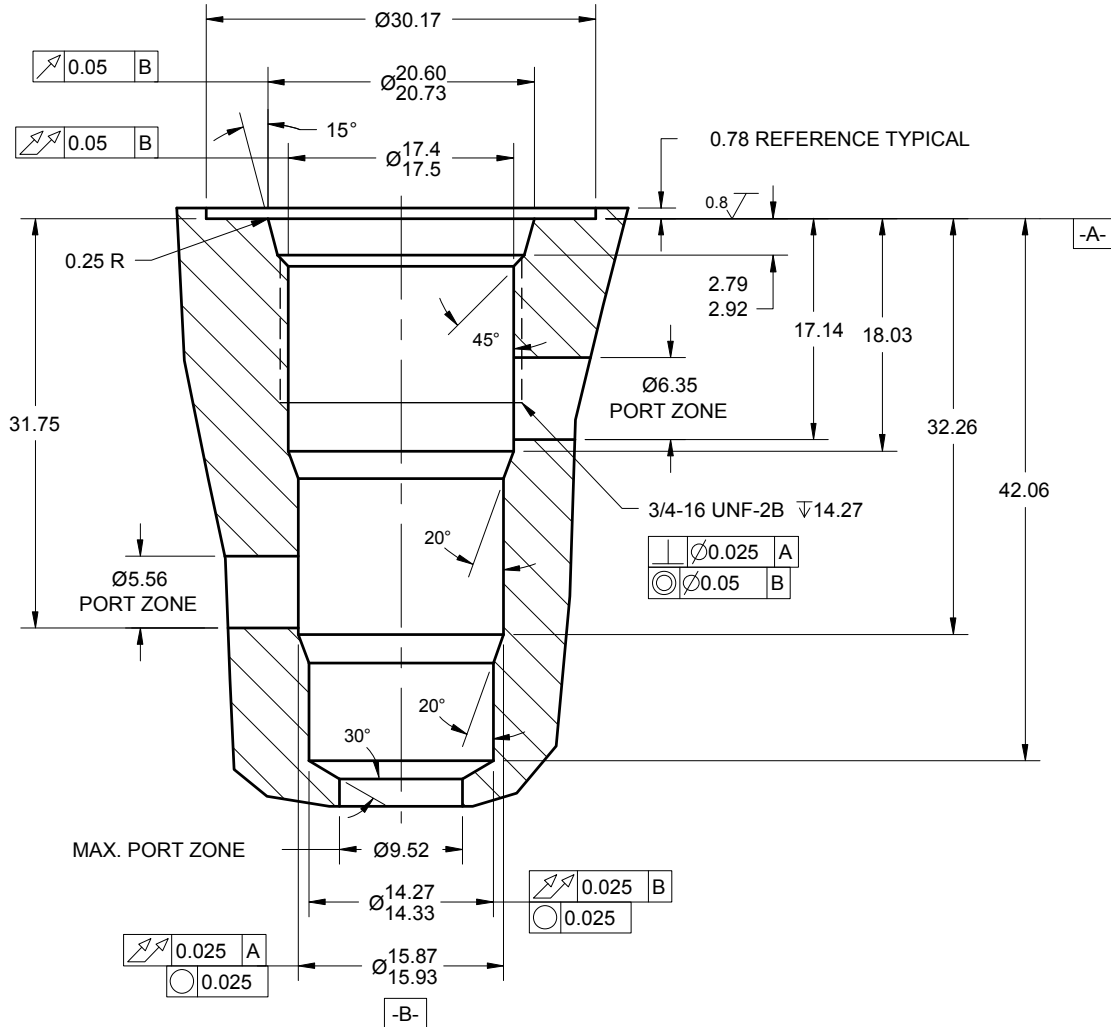
8 size, 3/4-16 thread, "Power" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500005.
- 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.

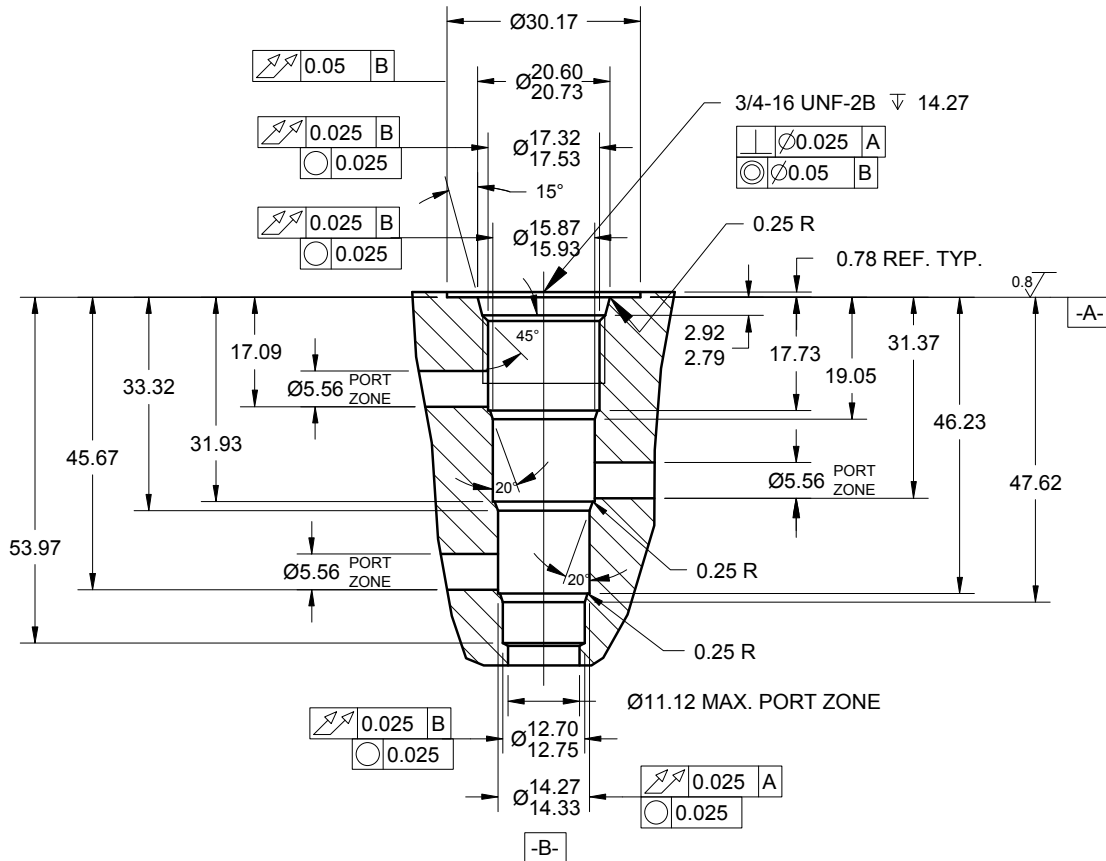
8 size, 3/4-16 thread, "Power" series



NOTES:

- 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.

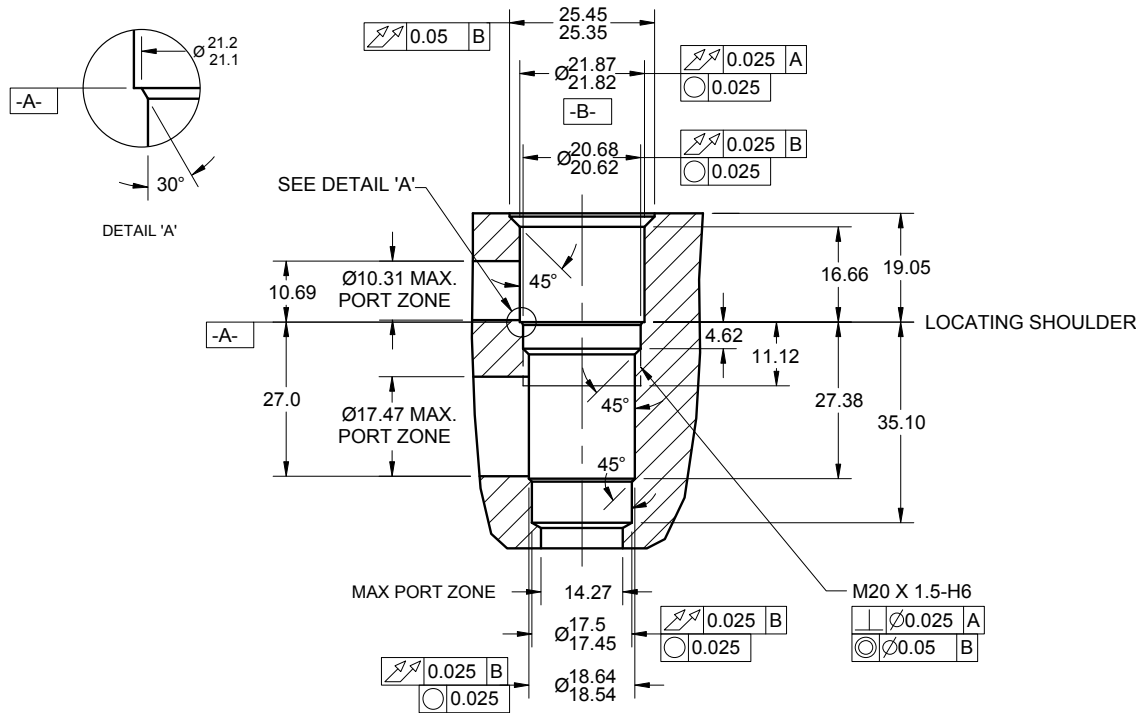
8 size, 3/4-16 thread, "Power" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500029.
- 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.

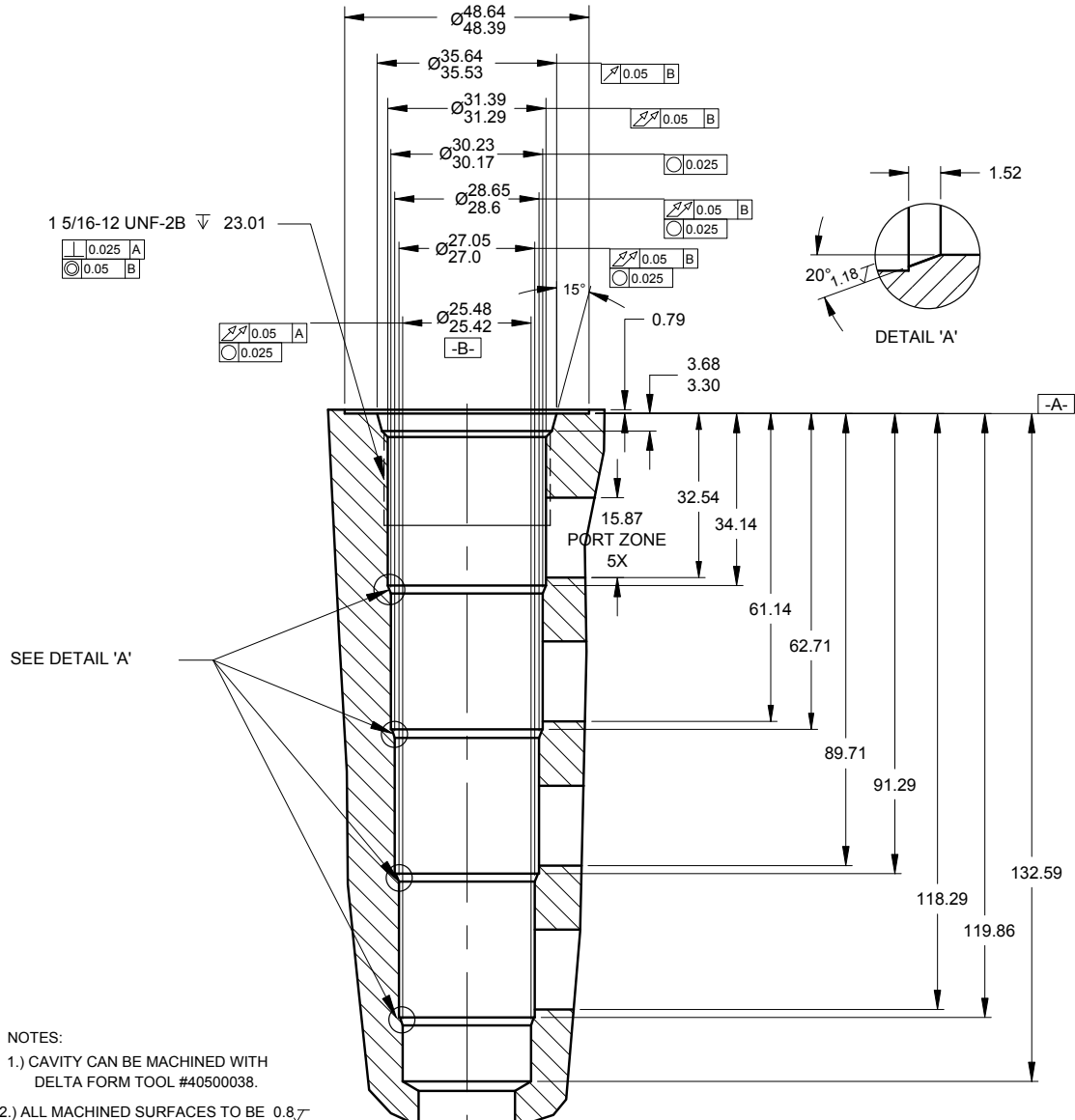
10 size, M20 X 1.5-H6 ISO metric thread, "Special" series



NOTES:

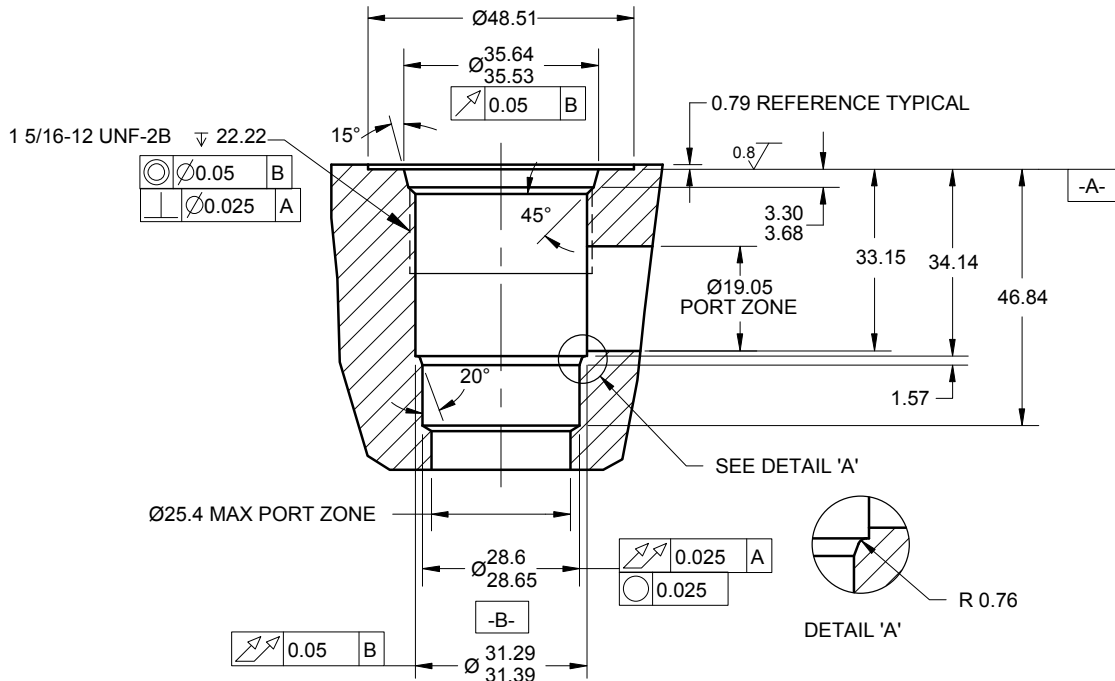
- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500012.
- 2.) ALL MACHINED SURFACES TO BE $0.8\sqrt{r}$ FINISH OR BETTER, EXCLUDING THREADS.
- 3.) IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR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

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



- NOTES:
- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500038.
 - 2.) ALL MACHINED SURFACES TO BE 0.8 μ 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.

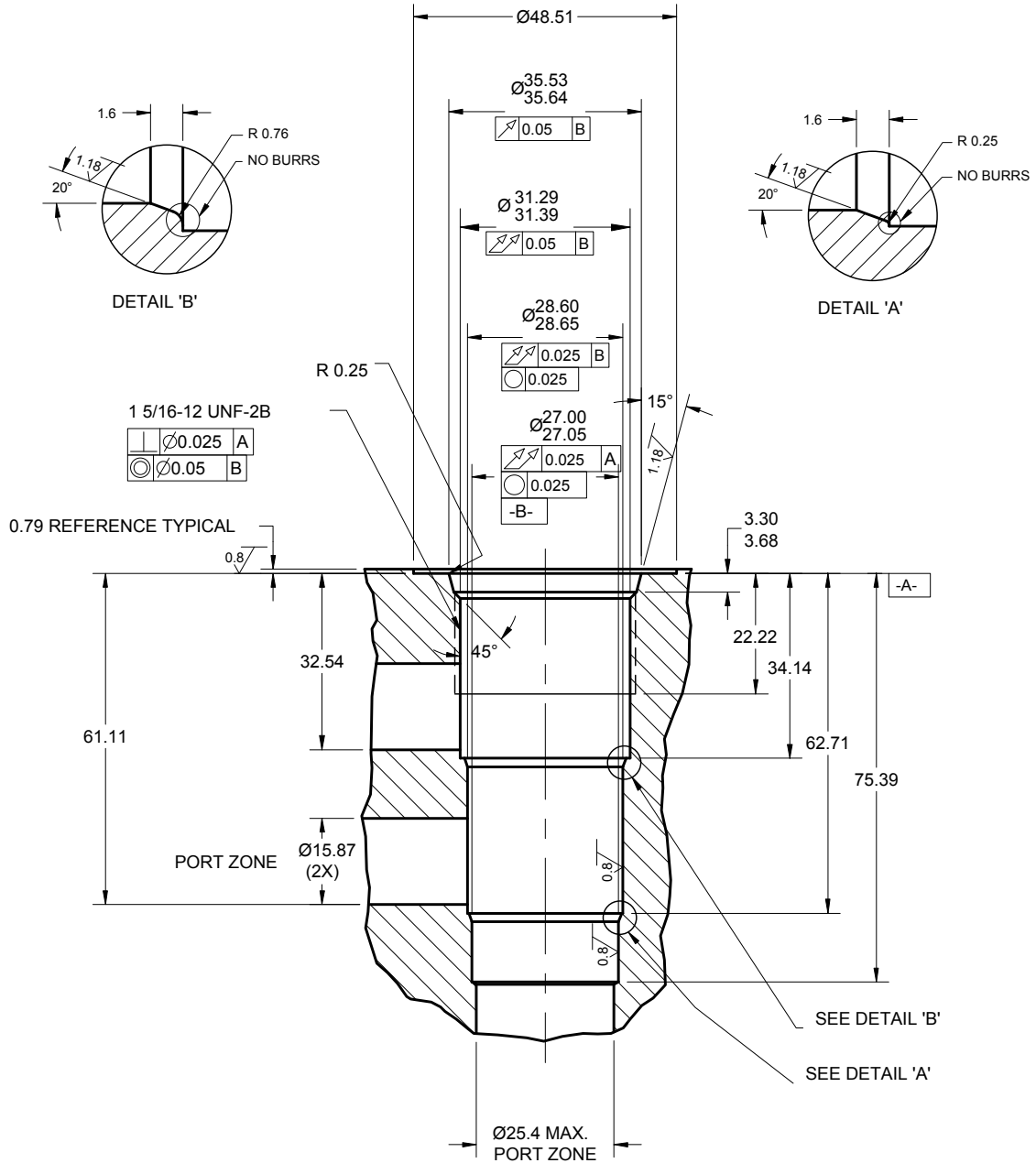
16 size, 1 5/16-12 thread, "Super" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500017.
- 2.) ALL MACHINED SURFACES TO BE 0.8 $\sqrt{\text{R}}$ 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.

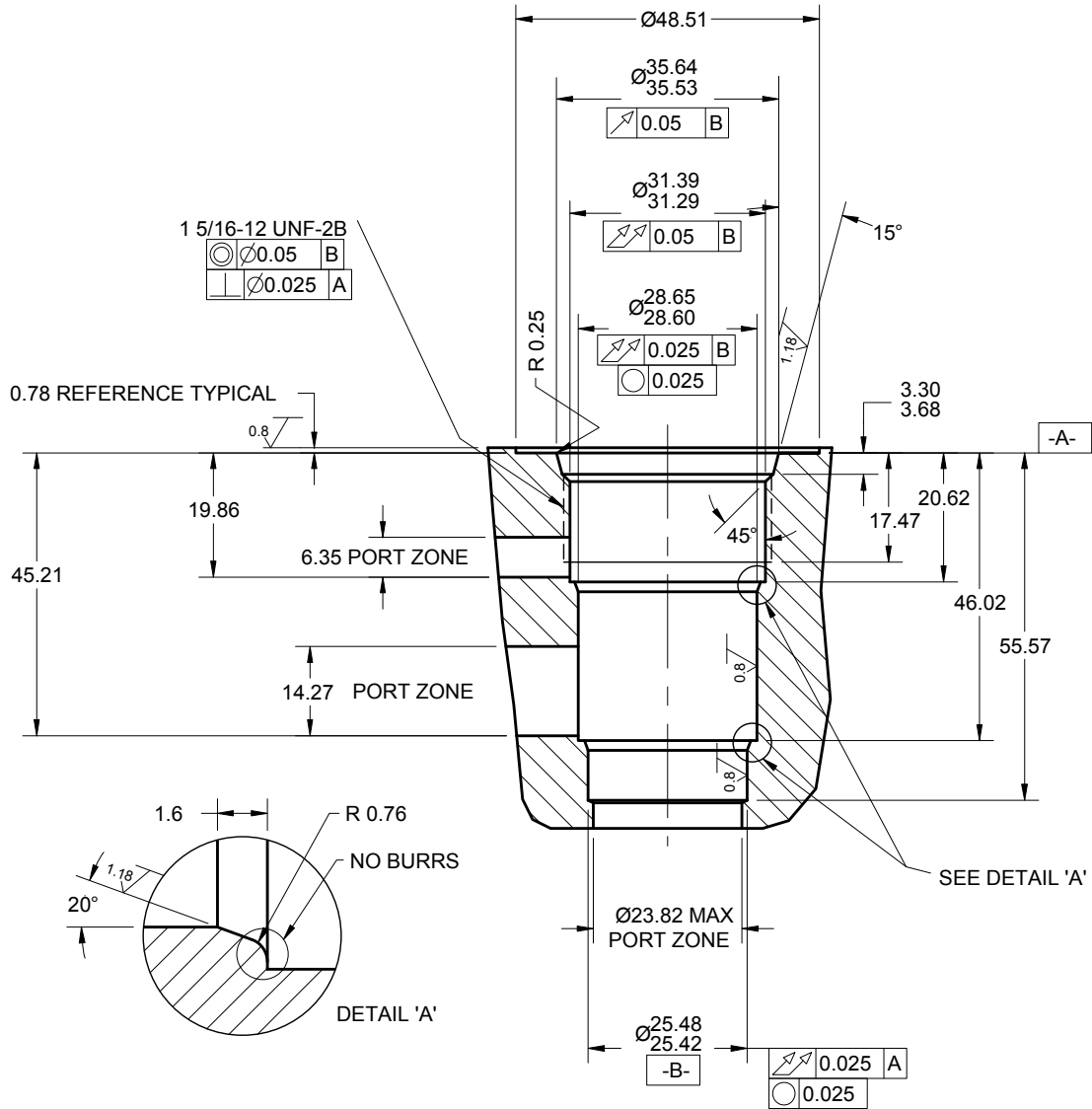
16 size, 1 5/16-12 thread, "Super" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500018.
- 2.) ALL MACHINED SURFACES TO BE 0.8 $\sqrt{\text{ }}$ 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.

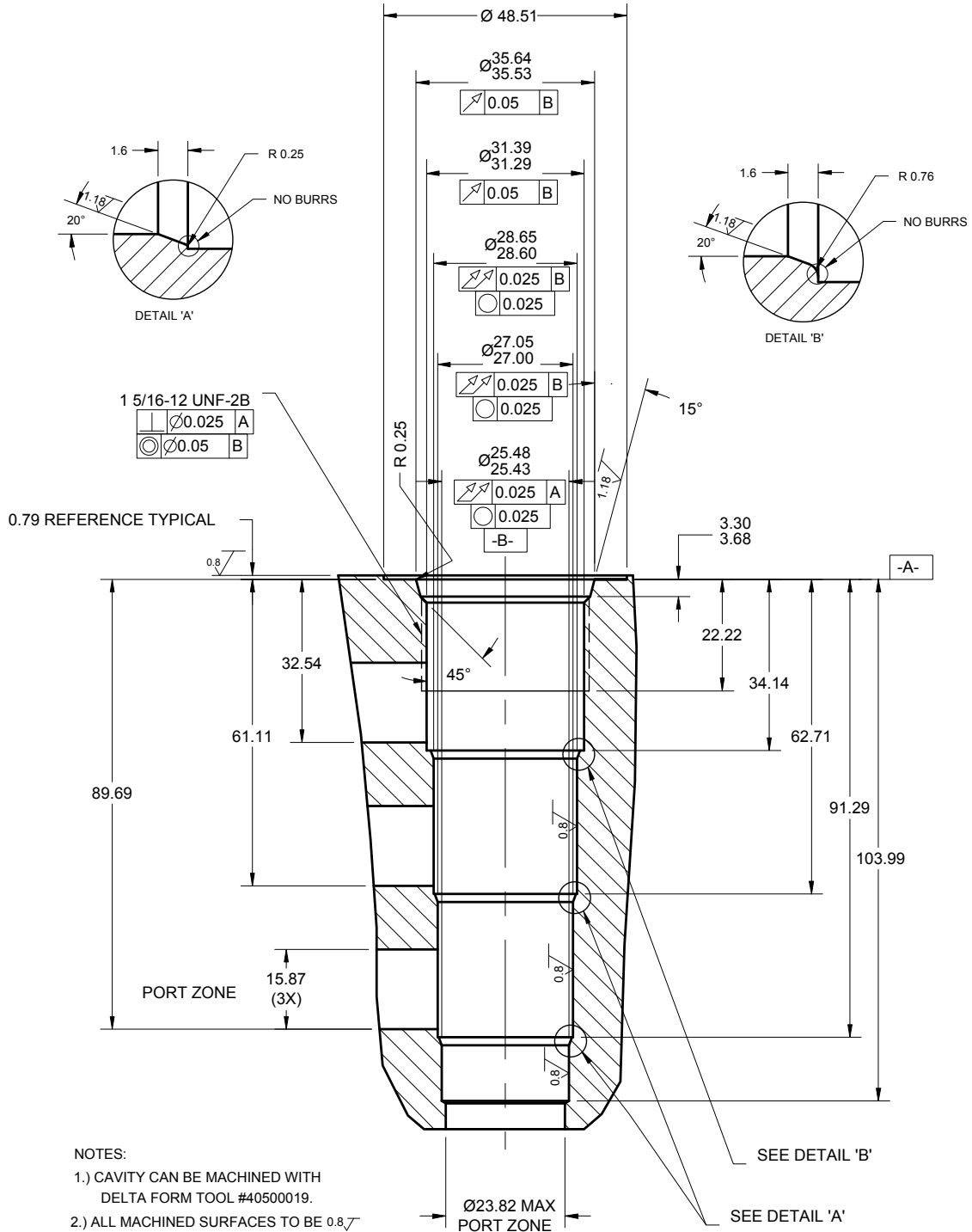
16 size, 1 5/16-12 thread, "Super" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500021.
- 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.

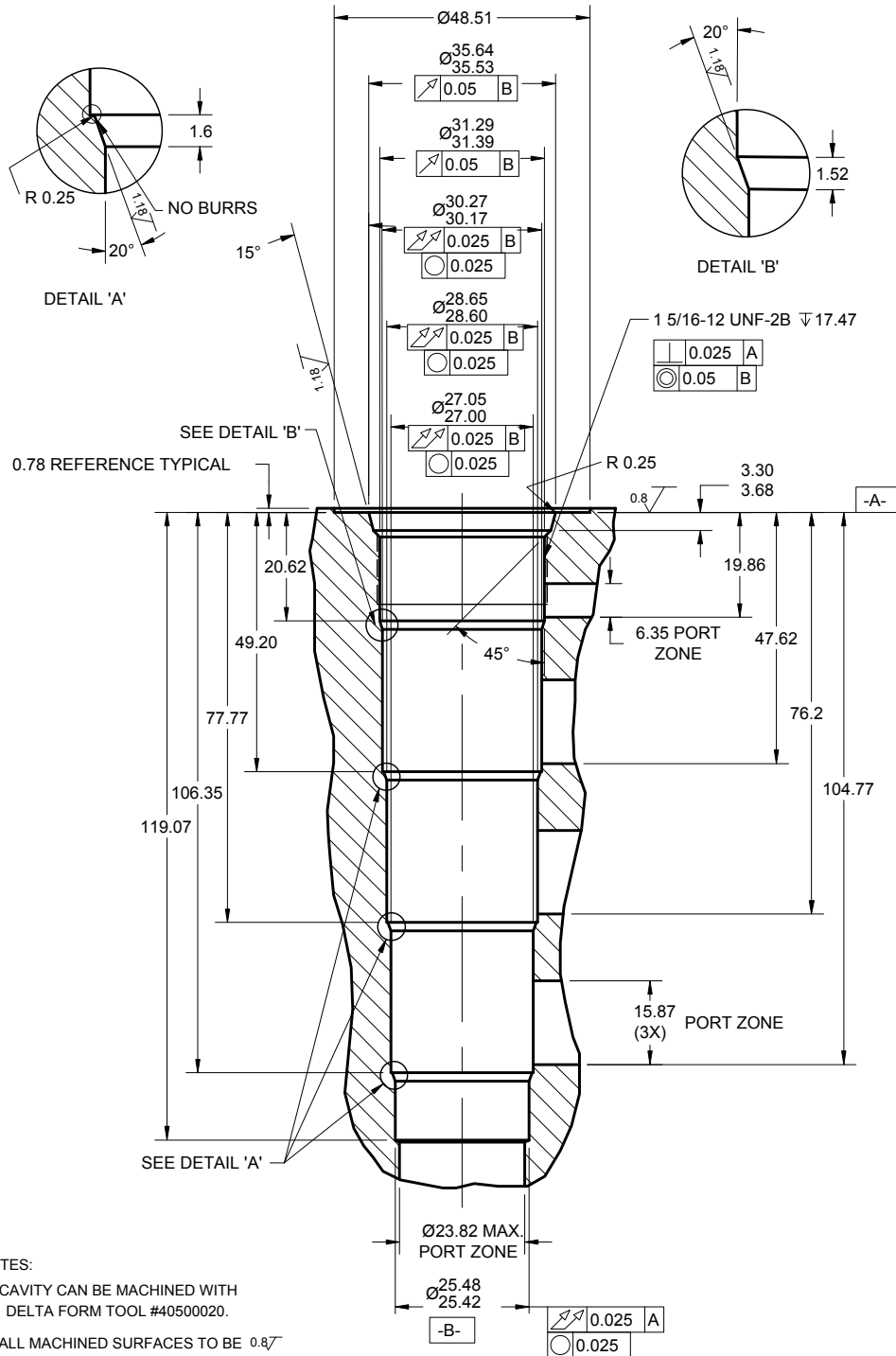
16 size, 1 5/16-12 thread, "Super" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500019.
- 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.

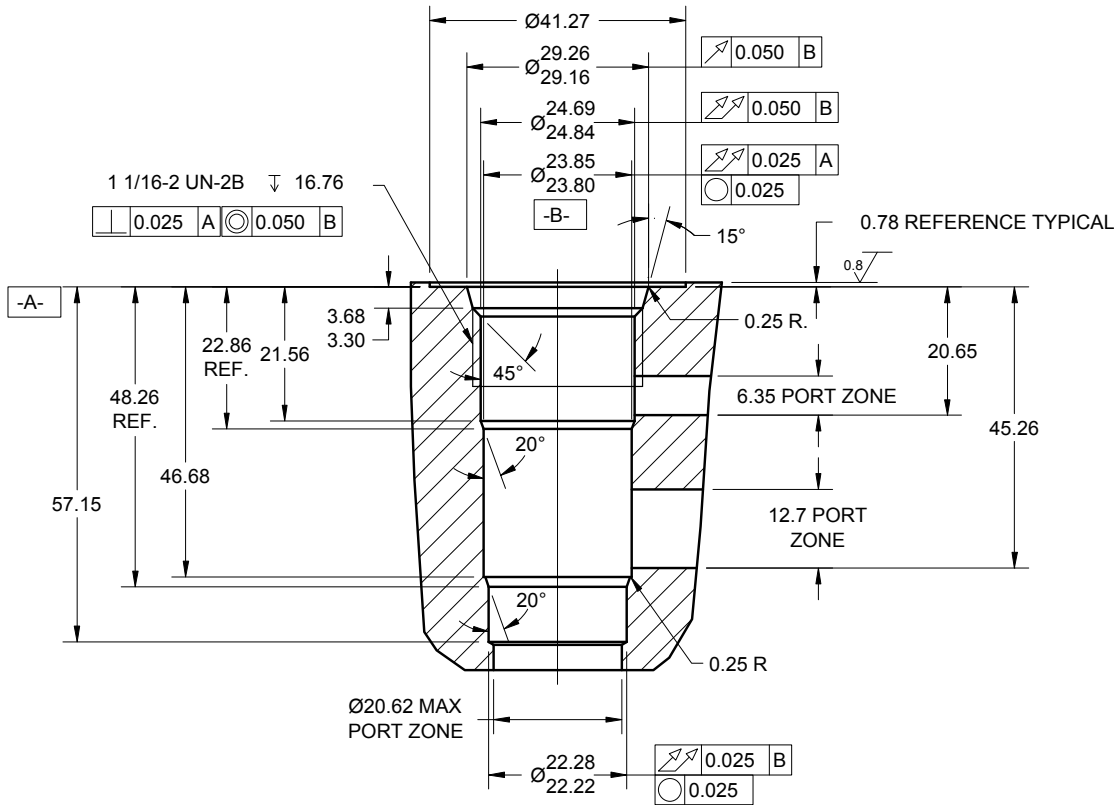
16 size, 1 5/16-12 thread, "Super" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500020.
- 2.) ALL MACHINED SURFACES TO BE 0.8 \sqrt{r} 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.

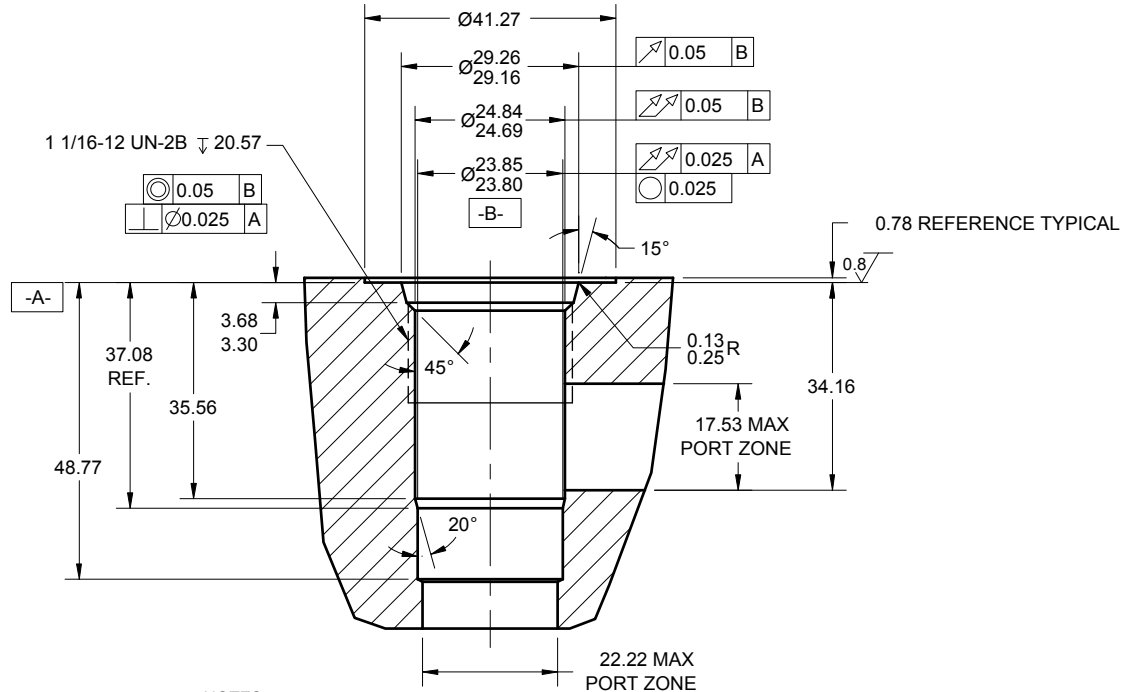
12 size, 1 1/16-12 thread, "Tecnord" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500033.
- 2.) ALL MACHINED SURFACES TO BE 0.8 \sqrt{r} 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.

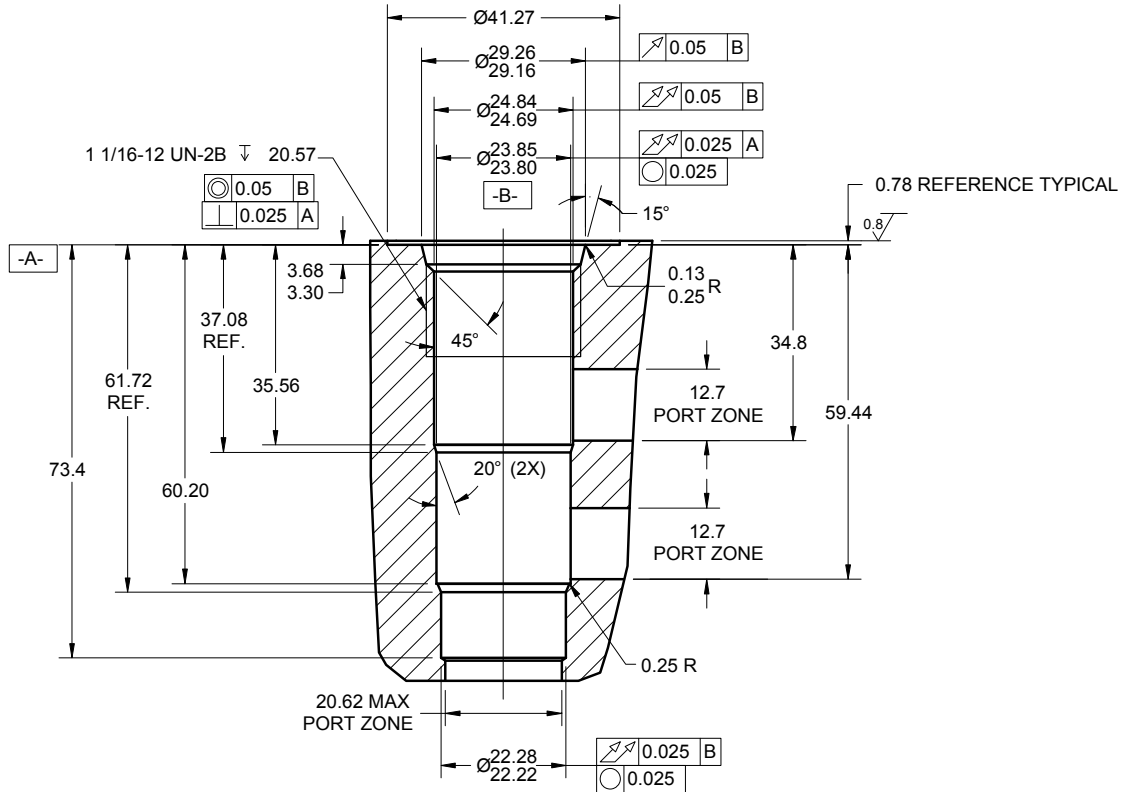
12 size, 1 1/16-12 thread, "Tecnord" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500032.
- 2.) ALL MACHINED SURFACES TO BE 0.8 $\sqrt{\text{R}}$ 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.

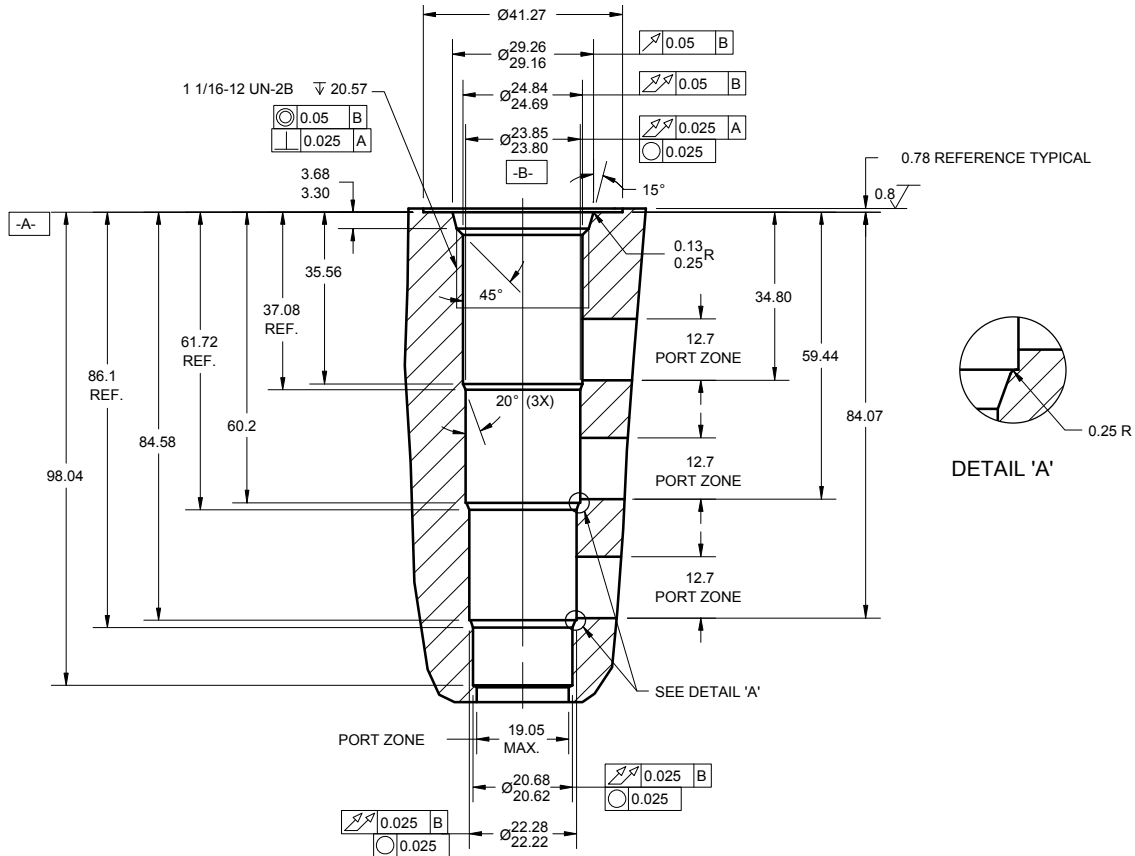
12 size, 1 1/16-12 thread, "Tecnord" series



NOTES:

- 1.) CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500034.
- 2.) ALL MACHINED SURFACES TO BE 0.8 \sqrt{r} 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.

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 $\sqrt{0.8}$ 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.

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

