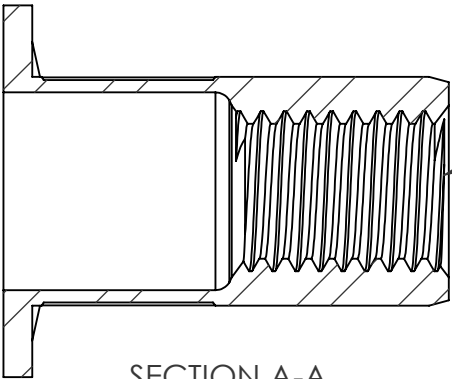
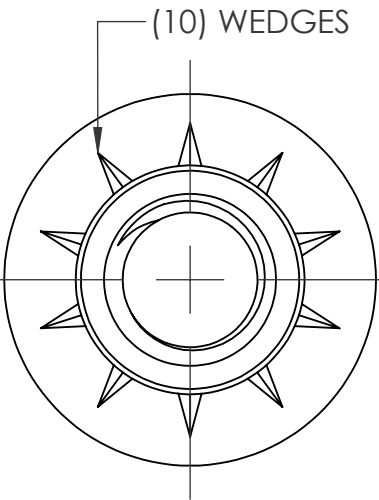
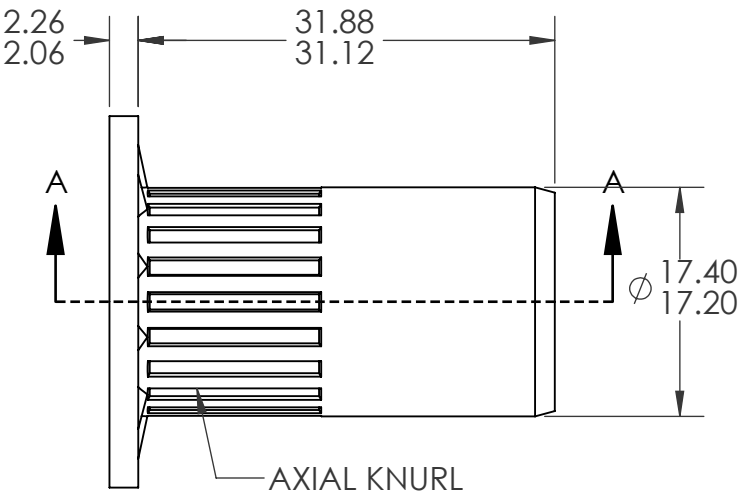
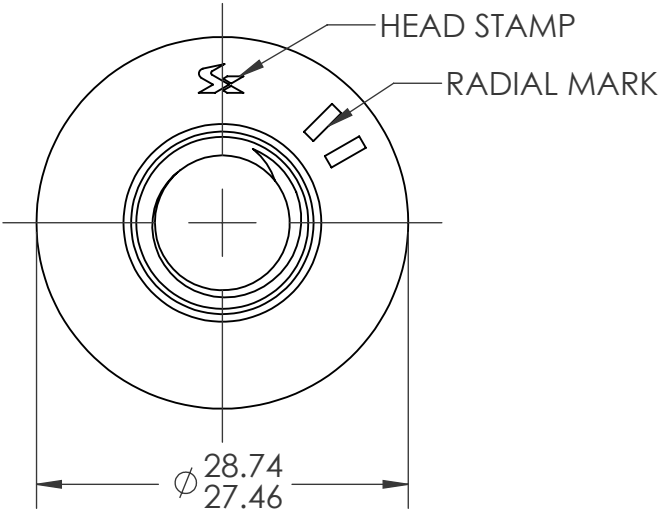


| REVISIONS |                        |            |      |         |
|-----------|------------------------|------------|------|---------|
| REV.      | DESCRIPTION            | DATE       | ECN  | INITIAL |
| A         | INITIAL RELEASE        | 10/14/2024 | 4547 | ARG     |
| B         | UPDATED HEAD TOLERANCE | 6/23/2025  | 4676 | EAK     |



M12X1.75 6H  
PER ASME B1.13M  
MINORDIA.: 10.11 - 10.44

SECTION A-A  
SCALE 1.75 : 1

- NOTE:
- GRIP RANGE: 6.0 - 8.5
  - HOLE SIZE: 17.45 +0.15/-0.00 AFTER ALL APPLIED FINISHES.
  - INSTALLED LENGTH: 22.50 REF
  - LUBRICATION: NONE
  - INSTALLATION TOOL: SPIN-PULL
  - THREADS MEET CLASS 8 PROOF LOAD: 74.2kN PER ISO 898-2.

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|             |         |                                                                                                                                                   |                                                                                                    |      |          |
|-------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------|----------|
|             |         | UNLESS OTHERWISE SPECIFIED:                                                                                                                       |                                                                                                    | NAME | DATE     |
|             |         | DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES:<br>ANGULAR: MACH $\pm$ 1 BEND $\pm$ 1<br>ONE PLACE DECIMAL $\pm$ 0.3<br>TWO PLACE DECIMAL $\pm$ 0.08 | DRAWN                                                                                              | ARG  | 10/14/24 |
|             |         | INTERPRET GEOMETRIC<br>TOLERANCING PER:<br>ASME Y14.5M-1994                                                                                       | CHECKED                                                                                            |      |          |
|             |         | MATERIAL                                                                                                                                          | ENG APPR.                                                                                          |      |          |
|             |         | C1008/C1010 STEEL                                                                                                                                 | MFG APPR.                                                                                          |      |          |
|             |         | FINISH                                                                                                                                            | Q.A.                                                                                               |      |          |
|             |         | ZINC PLATE CLEAR W/ TRIVALENT<br>CHROMATE PER SFS-01-001, SC1                                                                                     | COMMENTS:<br>E-mail: info@sherex.com<br>www.sherex.com<br>Phone: 866-474-3739<br>Fax: 716-875-0358 |      |          |
| NEXT ASSY   | USED ON |                                                                                                                                                   |                                                                                                    |      |          |
| APPLICATION |         | DO NOT SCALE DRAWING                                                                                                                              |                                                                                                    |      |          |



TITLE:  
  
M12 OPEN END LARGE  
FLANGE OPTISERT

|               |                |          |
|---------------|----------------|----------|
| SIZE          | DWG. NO.       | REV      |
| <b>A</b>      | OPT2-12175-8.5 | <b>B</b> |
| SCALE: 1.75:1 |                | WEIGHT:  |
| SHEET 1 OF 1  |                |          |