

Leaded Tin Bronzes

(C922, C923, C926, C927)

Leaded tin bronze has similar uses as tin bronze but is specified when better machinability and/or pressure tightness is needed.

Typical uses:

- Medium pressure hydraulic & steam to 550 F
- Marine and ornamental castings
- High-pressure hydraulic and steam equipment
- Structural castings
- Lead screw nuts
- Heavy duty bearings
- Pump pistons

| Leaded Tin Bronze | | | | | | | | |
|-------------------|-------|------------|----------------|-------------|------------------------------|-----|------|------|
| Cross Index | | | | | Nominal Chemical Composition | | | |
| CDA | Ingot | Former SAE | Former Federal | Former ASTM | Copper | Tin | Lead | Zinc |
| C83600 | 115 | 40 | (B5) | 4A | 85 | 5 | 5 | 5 |
| C84400 | 123 | --- | --- | --- | 81 | 3 | 7 | 9 |
| C92800 | 295 | --- | --- | --- | 79 | 16 | 5 | --- |
| C93200 | 315 | 660 | A-932 | 3B | 83 | 7 | 7 | 3 |
| C93400 | 310 | --- | (E8) | --- | 84 | 8 | 8 | --- |
| C93500 | 326 | 66 | (E9) | 3C | 85 | 5 | 9 | 1 |
| C93600 | --- | --- | --- | --- | 80 | 7 | 12 | 1 |
| C93700 | 305 | 64 | (E10) | 3A | 80 | 10 | 10 | --- |