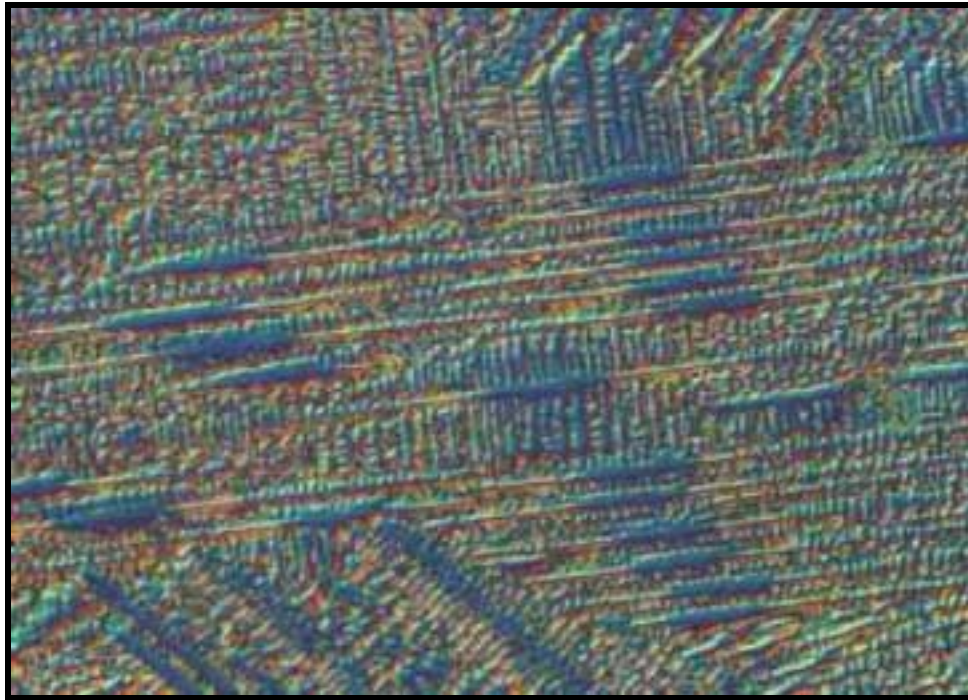


# MetPrep Preparation Procedure – No 46



## As Cast 70 - 30 Brass

|                        | Surface | Abrasive  | Pressure |    | Speed – Dir | Time         |
|------------------------|---------|-----------|----------|----|-------------|--------------|
| Primary Grinding Stage | Paper   | P240g SiC | Psi      | N  | 150 – Comp  | Until Planar |
|                        |         |           | 5        | 25 |             |              |

|                            | Surface      | Abrasive                     | Pressure |    | Speed – Dir | Time   |
|----------------------------|--------------|------------------------------|----------|----|-------------|--------|
| Additional Grinding Stages | Planocloth H | 9 $\mu\text{m}$ (WB) Diamond | Psi      | N  | 250 – Comp  | 5 mins |
|                            |              |                              | 5        | 25 |             |        |
|                            | Chrysalis    | 3 $\mu\text{m}$ (WB) Diamond | 5        | 25 | 250 – Comp  | 4 mins |

|                 | Surface    | Abrasive                 | Pressure |    | Speed – Dir | Time   |
|-----------------|------------|--------------------------|----------|----|-------------|--------|
| Polishing Stage | Multicloth | 0.06 $\mu\text{m}$ Silco | Psi      | N  | 80 – Comp   | 2 mins |
|                 |            |                          | 3        | 15 |             |        |