

MetPrep Preparation Procedure – No 213



Zirconia Plasma sprayed on Steel

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|------------------------|---------|-----------|----------|----|-------------|--------------|
| Primary Grinding Stage | Paper | P320g SiC | Psi | N | 150 – Comp | Until Planar |
| | | | 5 | 25 | | |

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|----------------------------|------------|--------------------|----------|----|-------------|--------|
| Additional Grinding Stages | Abracloth | 15 µm (WB) Diamond | Psi | N | 250 – Comp | 5 mins |
| | | | 5 | 25 | | |
| | Planocloth | 1 µm (WB) Diamond | 5 | 25 | 250 – Comp | 5 mins |
| | Durasilk | 0.06 µm Silco | 10 | 50 | 80 – Contra | 5 mins |

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|-----------------|------------|---------------|----------|----|-------------|--------|
| Polishing Stage | Multicloth | 0.06 µm Silco | Psi | N | 80 – Comp | 2 mins |
| | | | 3 | 15 | | |