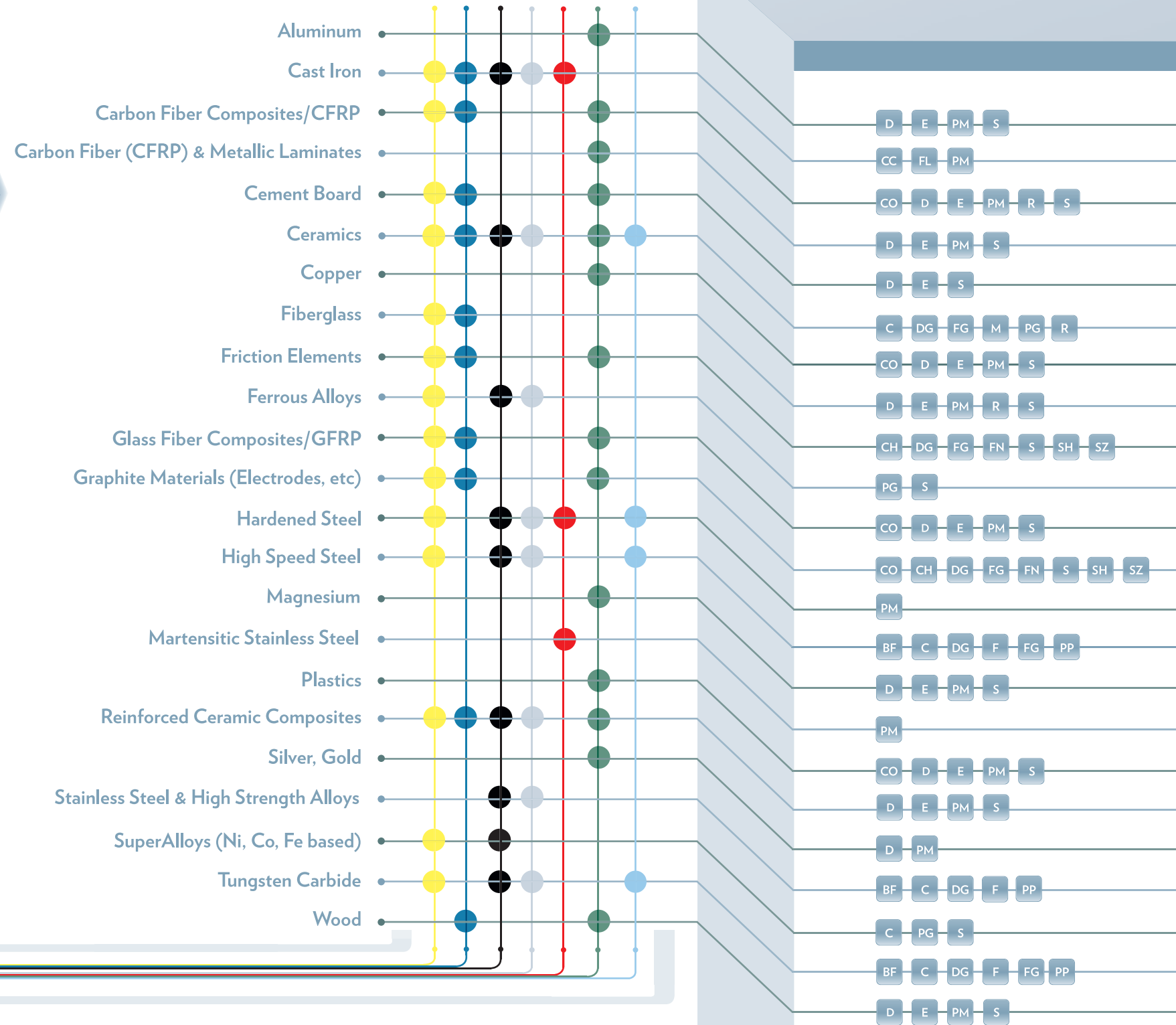


MATERIAL GRINDING & APPLICATION PROCESS CHART

MATERIAL TO BE MACHINED



APPLICATION PROCESS

- BF** BURR FLUTING
- CC** CASTING CLEANUP
- C** CENTERLESS
- CH** CHAMFERING
- CO** CUTOFF
- D** DRILLING
- DG** O.D. & I.D. GRIND
- E** EDGING
- F** FLUTING
- FG** FORM GRIND
- FL** FLAT GRIND
- FN** FINISHING
- M** MILLING
- PG** PRECISION GRIND
- PM** PRECISION MACHINING
- PP** PINCH & PEEL GRIND
- R** ROUTING
- S** SLOTTING
- SH** SHAPING
- SZ** SIZING

* All PCD applications require automated, NC, or robotically controlled operations
Hand operations are not suitable for PCD due to risk of chipping