

Tool Type: Compression Ring

Work Material: Balata Golf Balls

Original Tooling Material: A-6 Tool Steel (Vega[®])

Problem: The D2 slotting punch experienced chipping which resulted in unscheduled down time.

Solution: Z-Wear PM[®] heat treated to RC 60-62

Results: The equipment used in the production of golf balls has compression rings on either side of the machine. They had been using A-6 tool steel but the compression rings had performed inconsistently because of premature breakage. Z-Wear PM trials resulted in tool life that equals the very best of the A-6 with no instances of premature failure.

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