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MGX00420

Advanced Stress + FEA

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b) physical prototypes can still be useful as FEA uses ^{Limited} ~~different~~ types of element analysis - most commonly Von mises. But different theories are more suitable to different materials/products. FEA could only be as accurate as the mesh size chosen when modelling. Physical prototypes can be used to sign-off the final product design.

c) By using physical tests + FEA in tandem confidence can be grown by verifying ~~these~~ results in both.