



CSA MITRE BOX

The CSA Mitre Box has a patented shaft and bearing carrier design that allows for smoother operation.

Nil backlash and minimal rotation drag while being a smaller package with 2 mounting options.

The Mitre Box can be retrofitted to current applications using optional mounting configurations.

Compact and lighter assembly.

✓ Australian designed and manufactured

FEATURES AND BENEFITS

- ✓ Patented shaft and bearing carrier design
- ✓ Shafts have needle thrust bearings to eliminate end float
- ✓ Tooth design results in smoother, lighter rotating forces
- ✓ Tooth design also results in slower tooth wear
- ✓ Specifically designed for heavy vehicle steering application
- ✓ Retrofit current applications
- ✓ Optional mounting configuration

TESTING PARAMETERS

Durability testing over 1 Million cycles in both directions

Destruction testing obtained ultimate failure torques

Maximum rated torque 280 ft/lb

Operational rotating torque 2 – 3 in/lb

NOTES:

A stationary 8x4 truck steering requires 130 ft/lb of torque to turn the road wheels through the input shaft of the steering column, with no power assistance.

CSA Mitre box tested to 280 ft/lb

APPLICATIONS & CROSS REFERENCES

PART NO.	DESCRIPTION	EQUIVALENT
MBA9003	Mitre Box Assembly	TRW PBR110FAA
22CD0063	Mitre Box i-Shaft with Uni	Dana J05-1063

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PARTS**

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