

# TECHNICAL INFORMATION

## QUICK RELEASE PIN AF0001

TIS17026-



ARTICLE	DESCRIPTION	WEIGHT (kg)	MATERIAL GRADE	SURFACE FINISH
AF0001	QUICK RELEASE PIN M12X60	0.07	G8.8 STEEL	ZINC PLATED

PRODUCT DIMENSIONS	SECTION

SECTION PROPERTIES				
AREA	SECOND MOMENT OF AREA ( $I_{yy}$ , $I_{zz}$ )	RADIUS OF GYRATION (R)	ELASTIC SECTION MODULUS ( $W_{EL}$ )	PLASTIC SECTION MODULUS ( $W_{PL}$ )
113.1mm <sup>2</sup>	1017.88mm <sup>4</sup>	3mm	169.65mm <sup>3</sup>	288.41mm <sup>3</sup>

MATERIAL PROPERTIES		
YIELD STRESS	ULTIMATE STRESS	YOUNGS MODULUS OF ELASTICITY
640 N/mm <sup>2</sup>	800 N/mm <sup>2</sup>	210,000 N/mm <sup>2</sup>

PERMISSIBLE LOADS		
TENSION	BENDING	SHEAR (SINGLE)
43.87 kN	0.07 kNm	32.90 kN

USED WITH
ALL BEAM TO SPIGOT CONNECTIONS

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