

TECHNICAL DATASHEET
TECHFIX HEAVY SECTION RANGE

SUMMARY

DESCRIPTION	5.5 x L mm 5pt drill screw
MATERIAL	Carbon steel
REC. DRILL SPEED	1000 – 1800RPM

LIFE EXPECTANCY

URBAN/RURAL	10/20 YEARS
INDUSTRIAL	10/15 YEARS

MECHANICAL PERFORMANCE

DRILL CAPACITY	4mm – 12mm
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TENSILE STRENGTH		14.1kN
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SHEAR STRENGTH		8.4kN
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PULL-OUT VALUE	4.0mm STEEL	11.6kN
	5.0mm STEEL	14.1kN *
	6.0mm STEEL	14.1kN *

PULL-OVER VALUE	0.9mm STEEL	5.6kN
(Based on use with 16mm dia. washer)	1.2mm STEEL	7.0kN

NB all values given are ultimate failure values – no safety factor included

*Fixing failure in tension occurs prior to pull out failure