



## TORQUE SPECIFICATION

TORQUE DENOMINATIONS:	APPREVIATIONS:
INCH POUND FOOT POUND NEWTON METER KILOGRAM METER KILOGRAM CENTIMETER DECA NEWTON METER KILOGRAM OUNCE POUND	IN.LBS. FT.LBS. NM KGM KGCM DAN/M KG. OZ. LB.

CONVERSIONS:		CONVERSIONS:	
IN.LBS. : 12 =	FT.LBS.	FT.LBS. x 12 =	IN.LBS.
IN.LBS. : 8.857 =	NM	FT.LBS. x 1.356 =	NM
IN.LBS. : 86.8 =	KGM	FT.LBS. x 0.1383 =	KGM
IN.LBS. : 88.57 =	DAN/M	FT.LBS. x 0.1356 =	DAN/M
NM x 8.851 =	IN.LBS.	KGM x 86.8 =	IN.LBS.
NM x 0.7356 =	FT.LBS.	KGM x 7.233 =	FT.LBS.
NM x 0.1019716 =	KGM	KGM x 9.807 =	NM
NM x 0.1 =	DAN/M	KGM x 0.9807 =	DAN/M
KGCM x 0.8687 =	IN.LBS.	DAN/M x 88.51 =	IN.LBS.
KGCM x 0.07233 =	FT.LBS.	DAN/M x 7.380833 =	FT.LBS.
KGCM x 0.0980795 =	NM	DAN/M x 10 =	NM
KGCM x 0.01000811 =	KGM	DAN/M x 1.0204082 =	KGM
KGCM x 0.0098 =	DAN/M	DAN/M x 101.97 =	KGCM
LBS. X 0.45356 =	KG	KG x 2.205 =	LBS

### SCREW ADVANCEMENT FORMULA:

American Standard Unified Threads:	$\frac{1}{\text{Pitch}} \times \text{RPM} \times 1.1 = \text{Inches per second of screw advancement}$
Metric Threads:	$\frac{\text{Thread Pitch} \times \text{RPM} \times 1.1}{60} = \text{mm per second of screw advancement}$
$\text{TORQUE} = \frac{\text{HP} \times 63000}{\text{RPM}} \qquad \text{HP} = \frac{\text{TORQUE} \times \text{RPM}}{63000}$	