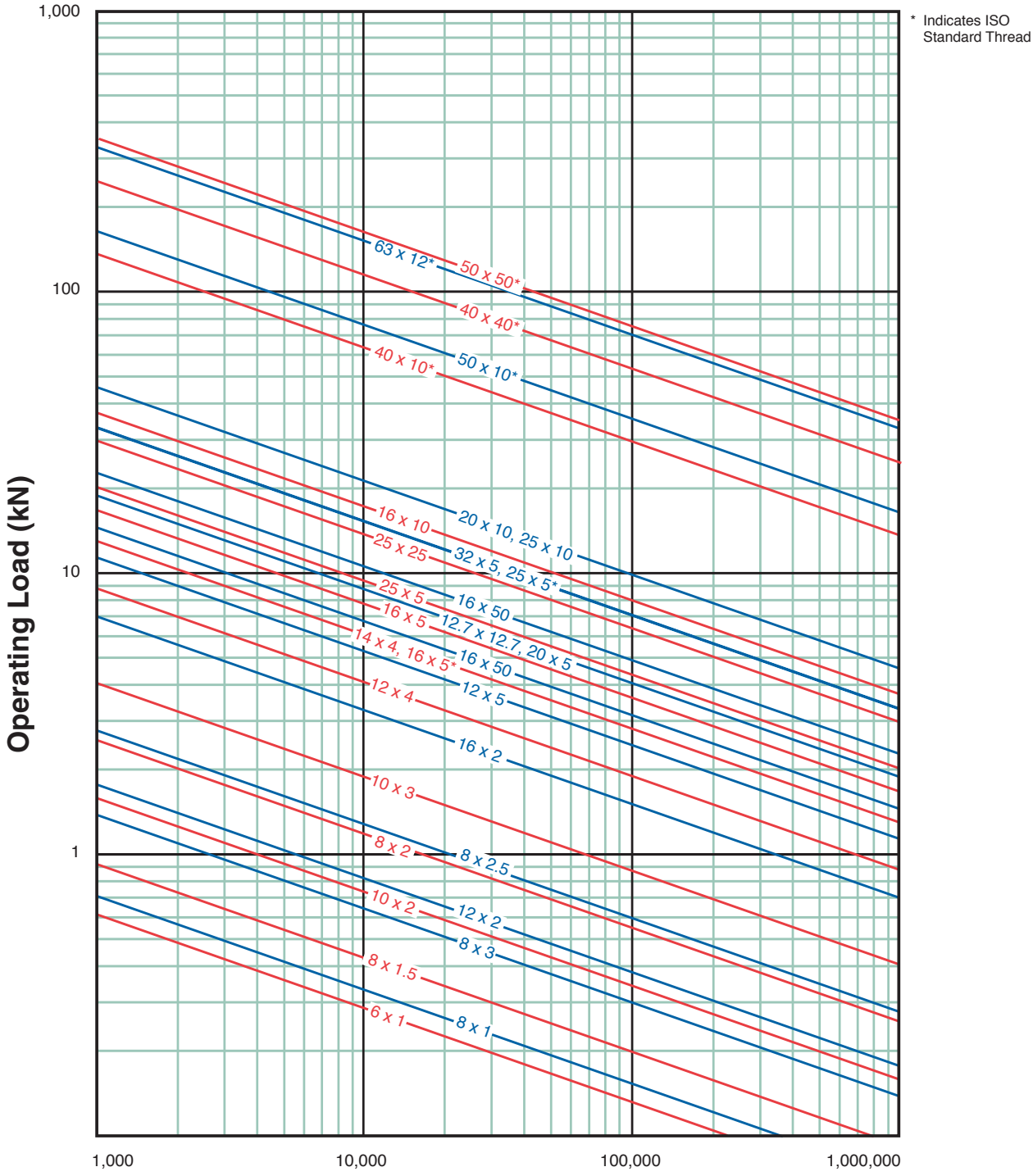
TO USE THIS CHART:

1) Determine required Life (in meters of travel) at equivalent operating load.

2) Find point at which load and life requirement intersect.

3) Select ball nut to the right or above the intersect point.

NOTE: IF USING A BALL SCREW WITHOUT LUBRICANT DE-RATE LIFE BY 90%



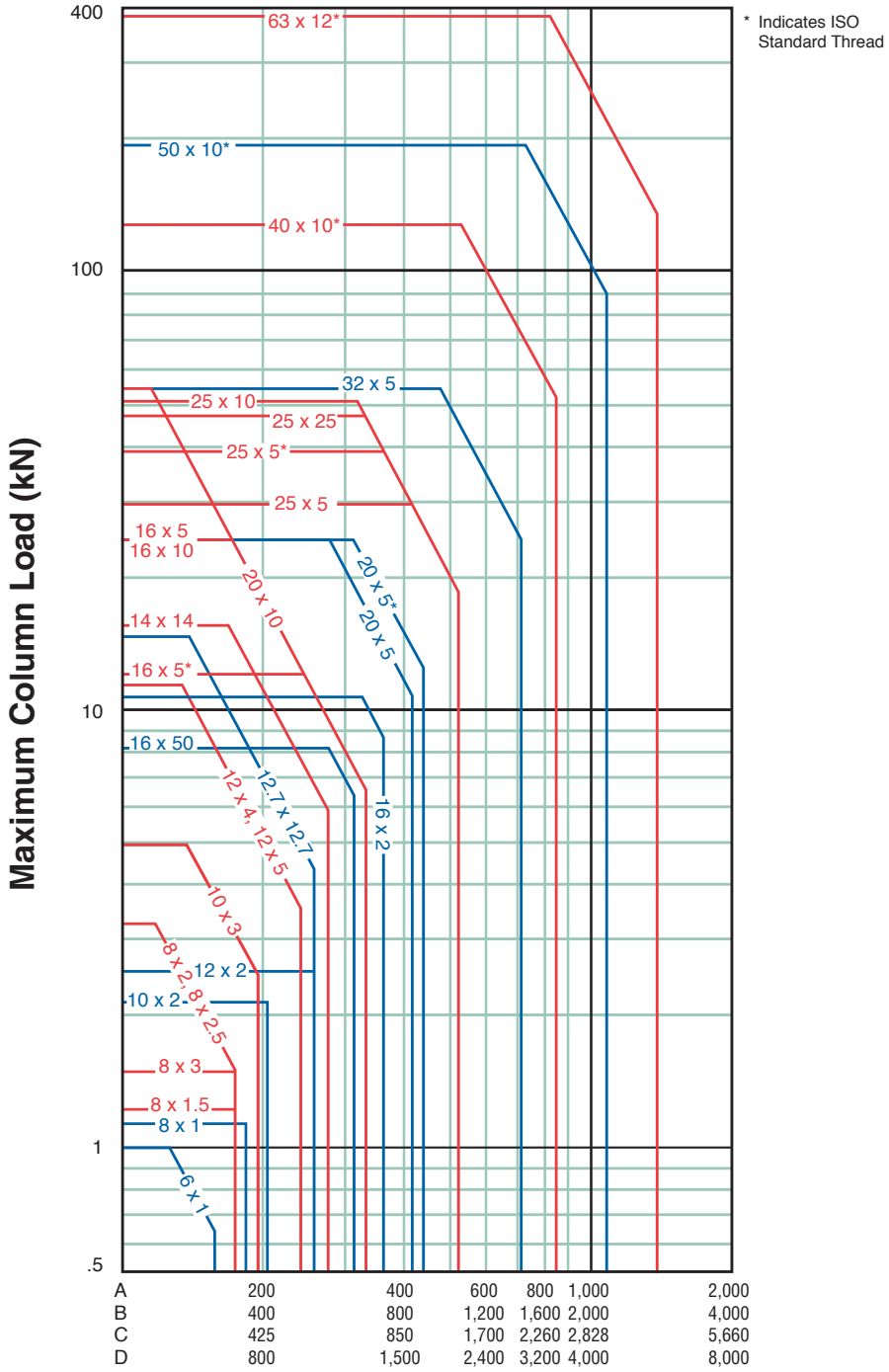
* Indicates ISO Standard Thread

COLUMN STRENGTH: METRIC MRT, PMT AND CARRY™ SCREWS

new 2D/3D CAD PowerTrac METRIC SCREW ASSEMBLIES

Use this chart to verify the screw selected has sufficient column strength for your load.

TO USE THIS CHART: find a point at which the maximum length between bearing and load intersects the maximum load. Be sure the screw selected is above and to the right of that point.



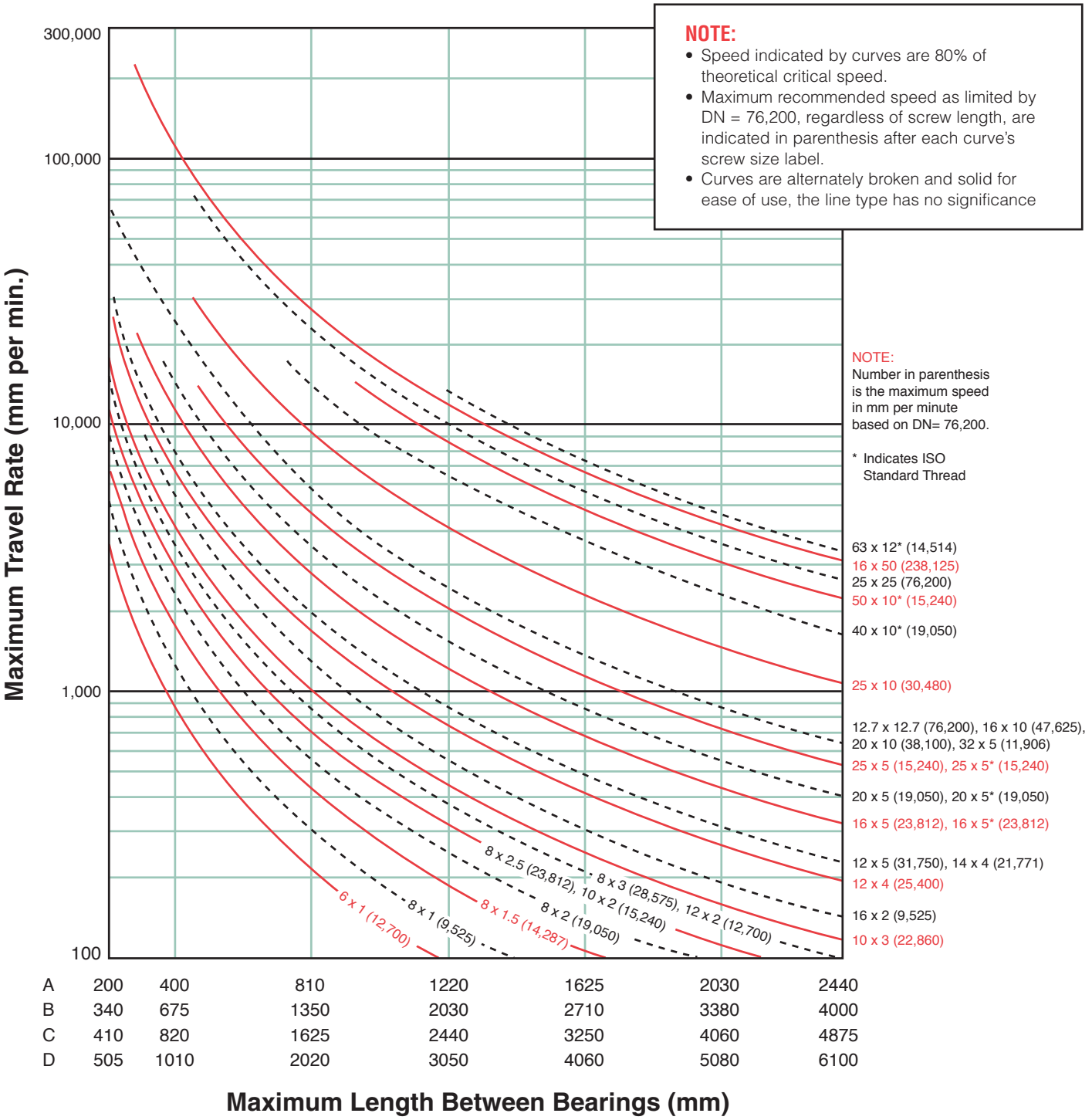
See Page 87 for Reference Description on “A-B-C-D” end fixity.

Metric to Inch Conversions:

1 Newton = .224 lbf 1mm = 0.039 in. 1 N•m = 8.85 in.-lb.

TO USE THIS CHART:

1) Determine maximum travel rate required.
2) Determine screw length "L".
3) Find point at which travel rate and screw length intersect. Select a screw above and to the right of that point.



See Page 87 for Reference Description on "A-B-C-D" end fixity.

Metric to Inch Conversions:

1 Newton = .224 lbf 1mm = 0.039 in. 1 N•m = 8.85 in.-lb.