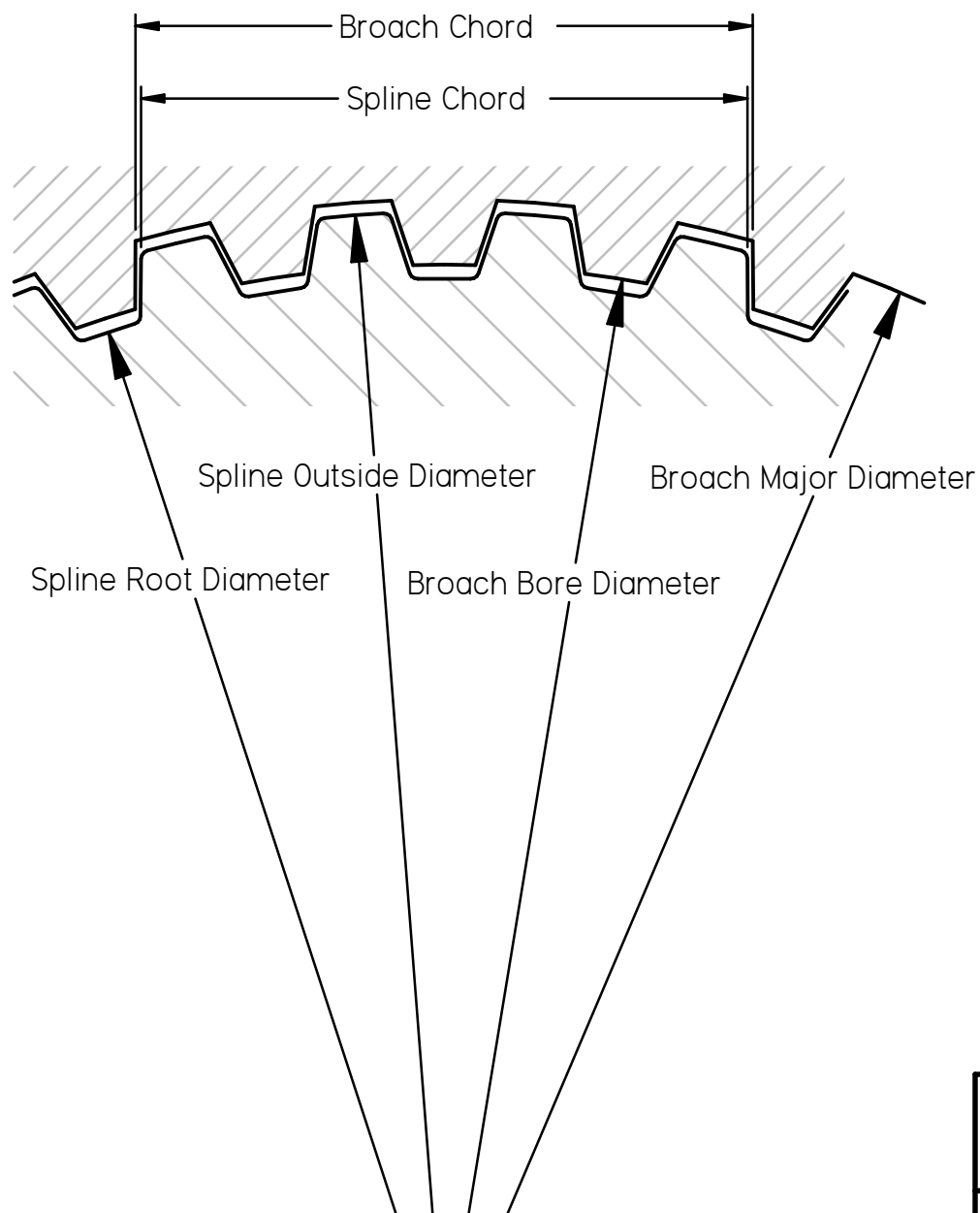




SPLINE DATA

Nominal Size:	4.000
No. of Teeth:	40
Chord Dim. Over 4 Teeth:	1.085
Outside Diameter:	4.1175
Root Diameter:	3.8775
Tool Number:	0234
OD/Root Radius:	.0225

BROACH DATA

Chord Dimension:	1.0895
Major Diameter:	4.1455
Bore Diameter for Broaching:	3.9115
Max. Length of Cut:	4"

GROB INC.
GRAFTON, WIS.
Grob Standard Spline / Broach Data

				DRN. KS	TR.	CH.	DWG. NO.
NO. REQ'D	PATT. NO.	MATERIAL	HEAT TREATMENT	DATE 1-31-02	SCALE	O.K.	4000-40-4