



90 Bissel Street

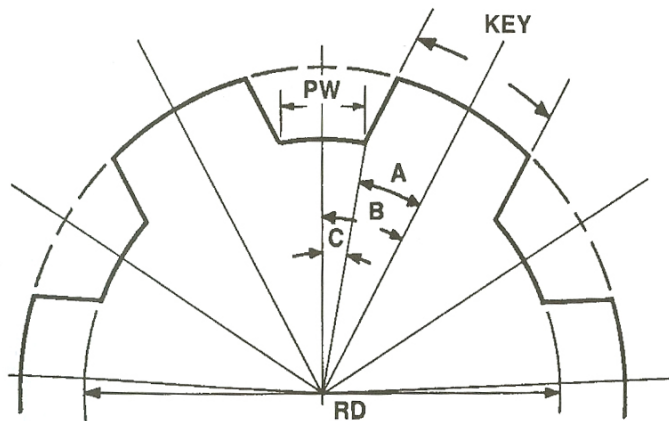
Joliet, IL 60432

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STANDARD SAE PARALLEL KEY SPLINE

No. of Keys	Space Width Internal	(A) Fit Permanent Fit		(B) Fit to Slide Not Under Load		(C) Fit to Slide Under Load		Normal Major Diameter
		WD	Minor	WD	Minor	WD	Minor	
4	0.241D	0.075D	0.850D	0.125D	0.750D			To 3"
6	0.250D	0.050D	0.900D	0.075D	0.850D	0.100D	0.800D	To 3"
10	0.156D	0.045D	0.910D	0.070D	0.860D	0.095D	0.810D	To 6"
13	0.098D	0.045D	0.910D	0.070D	0.860D	0.095D	0.810D	To 6"



N= # of Keys **RD= 1.271**
B=180°/N **B= 180/6= 30°**
SIN A= KW/RD **SIN "A"= .2919**
C= B-A **A= 16.97151°**
PW= RD X SIN "C" **C= 13.02849**
N=6 **SIN "C"= .22543**
KW= .371 **W= 1.271•.22543**
PW= .2865