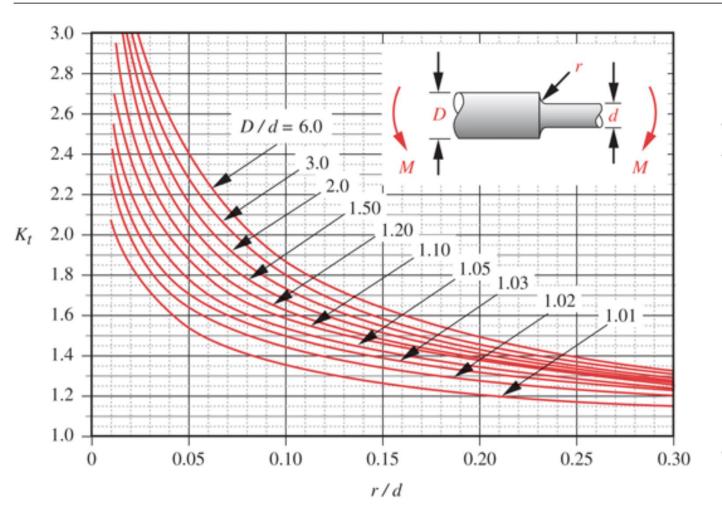
Figure C-2 Geometric Stress-Concentration Factor  $K_t$  for a Shaft with a Shoulder Fillet in Bending

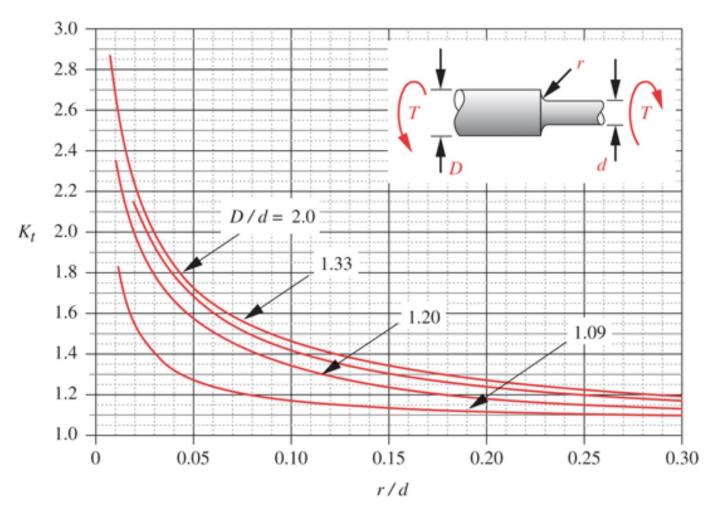


$$K_t \cong A\left(\frac{r}{d}\right)^b$$

where:

D/d	A	b
6.00	0.878 68	-0.332 43
3.00	0.893 34	-0.308 60
2.00	0.908 79	-0.285 98
1.50	0.938 36	-0.257 59
1.20	0.97098	-0.217 96
1.10	0.951 20	-0.237 57
1.07	0.975 27	-0.209 58
1.05	0.981 37	-0.196 53
1.03	0.98061	-0.183 81
1.02	0.96048	-0.177 11
1.01	0.919 38	-0.170 32

Figure C-3 Geometric Stress-Concentration Factor  $K_t$  for a Shaft with a Shoulder Fillet in Torsion



$$K_t \cong A\left(\frac{r}{d}\right)^b$$

where:

D/d	A	b
2.00	0.863 31	-0.238 65
1.33	0.84897	-0.231 61
1.20	$0.834\ 25$	-0.216 49
1.09	0.903 37	-0.126 92