

TABLE 8-1

Nusselt number and friction factor for fully developed laminar flow in tubes of various cross sections ($D_h = 4A_c/p$, Re = $V_{avg}D_h/r$, and Nu = hD_h/k)

				Isosceles Triangle	<i>a</i>	*	10		Ellipse	_		+0				Rectangle	6	Circle	and deciliony
	90° 120°	S S	ၓ	10°	16	00	4	2	1 1	8	00	6	4	ω	Ν	1 a/b	`		9
	2.34	2.47	2.26	1.61	3.65	3.72	3.79	3.74	3.66	7.54	5.60	5.14	4.44	3.96	3.39	2.98		3.66	'S COURT
	2.68	3.11	2.91	2.45	5.18	5.09	4.88	4.56	4.36	8.24	6.49	6.05	5.33	4.79	4.12	3.61		4.36	48 001100
A STATE OF THE PARTY OF THE PAR	50.96/Re	52.52/Re	52.28/Re	50.80/Re	78.16/Re	76.60/Re	72.96/Re	67.28/Re	64.00/Re	96.00/Re	82.32/Re	78.80/Re	72.92/Re	68.36/Re	62.20/Re	56.92/Re		64.00/Re	•