

Chapter 8 Tables

1	coarse Pitch & fine pitch (Metric)	A_t , minor diameter area, P	404
2	UNC and UNF Series	Threads per inch A_t , minor diameter area	405
5	Coefficient of friction	f	414
6	f_c	always take at starting	414
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8	Stiffness paramet	G, E, ν	422
9	SAE Specifications	S_p	425
10	ASTM ~	S_p	426
11	Metric mechanical properte classes	obtain S_p From E class & $M_x -$	427
12	Bolt & member stiffness	K_b, k_m by Grip	429
15	Torque factor	K	431
17	enclurana limit	S_e	487

Chapter 9 Tables

9-1 Weld shapes: Torsion

G, A, J_u

476

9-2 Weld shapes: Bending

G, A, I_u

480

9-3 Weld metal Properties

S_u, S_y

482

9-4 AISI Code for Weld Metal

482

9-5 Stress Concentration factor

K_f

482


9-6 Allowable loads and min Weld Sizes

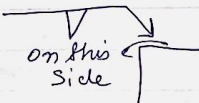
T_{allow}

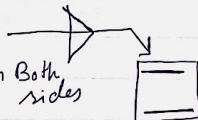
Notes

- When you are Given T_{allow} it is used instead of S_y

• Symbols


all around


on this side


on Both sides