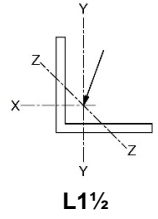


$F_y = 65 \text{ ksi}$

Table 5-8 (continued)
Available Strength in
Axial Compression, kips
Centrally Loaded Equal Angles (Welded)



Shape		L 1/2 x 1/2 x	
		1/8	
lb/ft		0.379	
Design		P_n / Ω_c	$\phi_c P_n$
		ASD	LRFD
Effective length, KL (ft), with respect to least radius of gyration, r_z	0	4.24	6.38
	1	0.658	0.988
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
26			
Properties			
A_g , in. ²		0.109	
r_z , in.		0.098	
ASD		LRFD	^{c2} Shape is slender for compression with $F_y = 65 \text{ ksi}$. -S- Slender cross-section (outside scope of DG27). Note: Heavy line indicates KL/r_z equal to or greater than 200.
$\Omega_c = 1.67$		$\phi_c = 0.90$	

