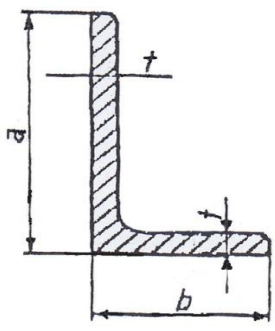
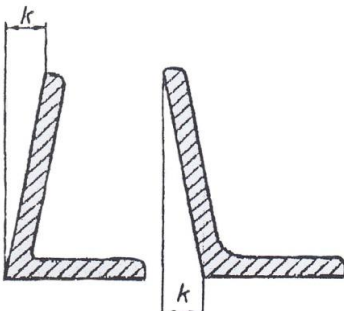


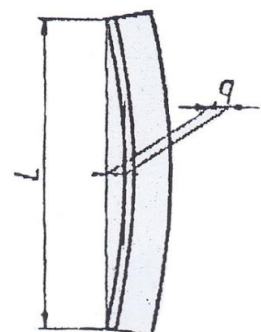
### Tolerances on Dimensions, Squareness and Straightness of Structural Steel Equal and Unequal Leg Angles

Dimensione 	Leg Length, a		Section Thickness, t	
	Tolerance		Tolerance	
	Nominal size	on a and b	Nominal size	Tolerance
	mm	mm	mm	mm
$a \leq 50$	$\pm 1.0$	$t \leq 5$	$\pm 0.50$	
$50 < a \leq 100$	$\pm 2.0$	$5 < t \leq 10$	$\pm 0.75$	
$100 < a \leq 150$	$\pm 3.0$	$10 < t \leq 15$	$\pm 1.00$	
$150 < a \leq 200$	$\pm 4.0$	$t > 15$	$\pm 1.20$	
$a > 200$	+ 6.0 - 4.0			

Squareness 	Out of squareness, k	
	Leg length, a	k
	mm	mm
	$a \leq 100$	1.0
$100 < a \leq 150$	1.5	
$150 < a \leq 200$	2.0	
$a > 200$	3.0	

Straightness 	Tolerance on straightness, q				
	Leg Length, a	Tolerance over Full Leg Length	Tolerance over any length		
			Leg Length, a	q	Relevant Length
	mm	L	mm	mm	mm
$a \leq 160$	0.4% of L	$a \leq 150$	6	1500	
$160 < a \leq 200$	0.2% of L	$150 < a \leq 200$	3	2000	
$a > 200$	0.1% of L	$a > 200$	3	3000	

#### ASTM-A123:89 ضخامت طبق استاندارد

ضخامت قطعه بر حسب میلیمتر	حداقل ضخامت پوشش بر حسب $\mu\text{m}$	
	موضعی	میانگین
$T < 3.2$	65	75
$3.2 < T < 6.4^*$	75	85
$6.4 < T$	85	100

\* حداقل ضخامت پوشش برای پلیت: ۶۵ (موضعی) و ۷۵ (میانگین)