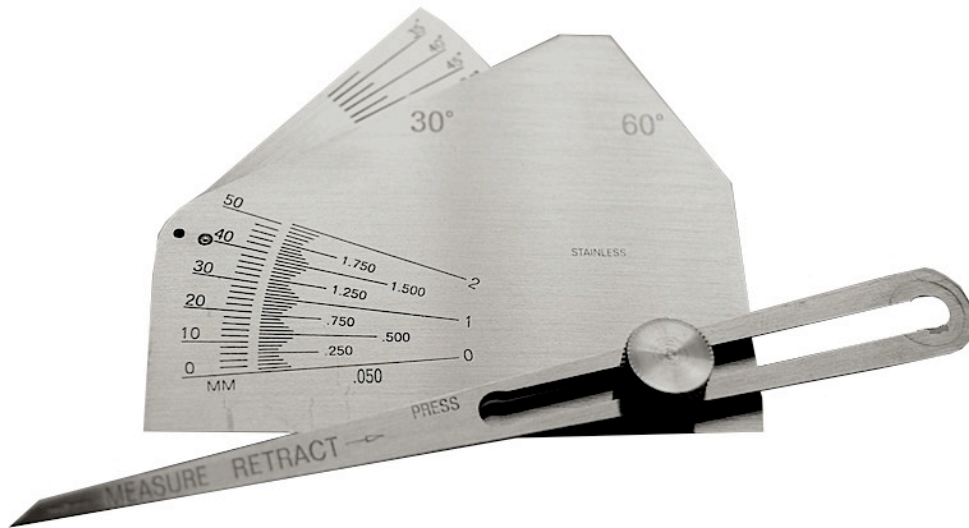


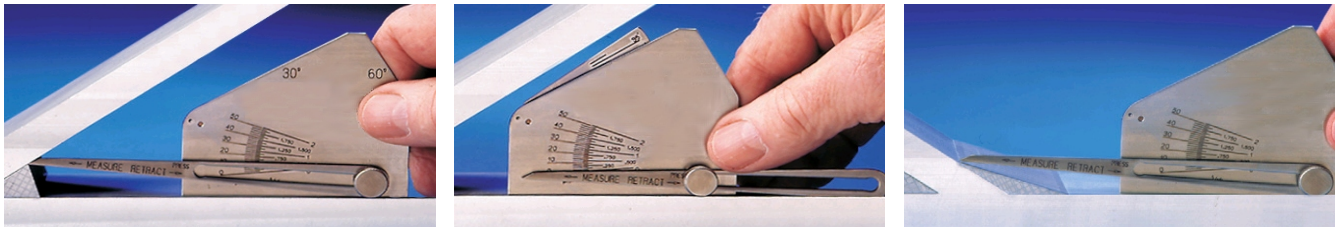
# Skew-T Fillet Weld Gauge WG12

( China )



A handy compilation of mathematical relationships between leg length, throats, skew angles and inspection dimensions. A must for designers and inspectors.

Replaces all other sets of gauges to measure fillet or groove welds in skewed members or members at 90 degrees.

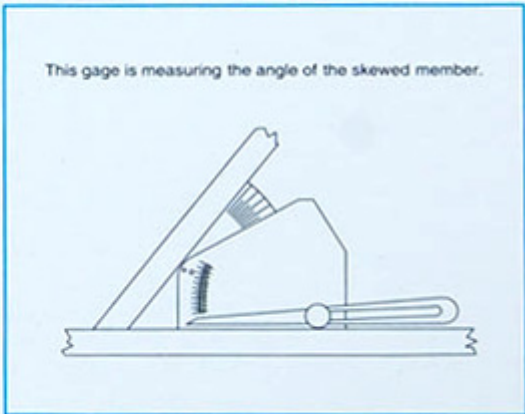
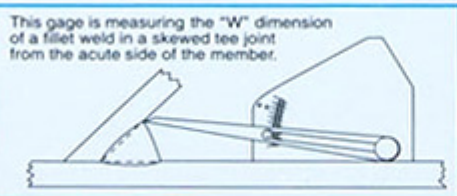
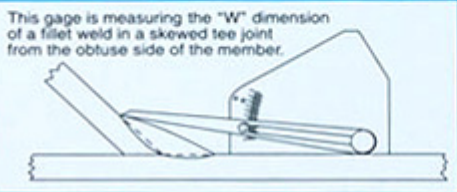


- Gauge with Pointer Retracted
- Checking Angle of Vertical Member
- Gauge with Pointer Extended
- Acute
- 90 Degrees
- Obtuse

# SKEW-T FILLET WELD CALCULATOR

## WELD MEASUREMENT METHOD OF SKEWED JOINTS

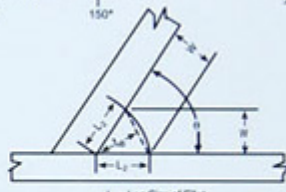
DECIMAL EQUIVALENTS	
INCHES	DECIMALS
1/16	0.0625
1/8	0.125
3/16	0.1875
1/4	0.250
5/16	0.3125
3/8	0.375
7/16	0.4375
1/2	0.500
9/16	0.5625
5/8	0.625
11/16	0.6875
3/4	0.750
13/16	0.8125
7/8	0.875
15/16	0.9375



# SKEW-T FILLET WELD CALCULATOR



**INSTRUCTIONS:**  
Set Theoretical Throat at arrow.  
Read Leg Size of Fillet and Inspection Dimension at Dihedral angle.



**Filet Welds**  
L = Leg Size of Fillet  
T = Theoretical Throat  
W = Inspection Dimension  
theta = Dihedral angle