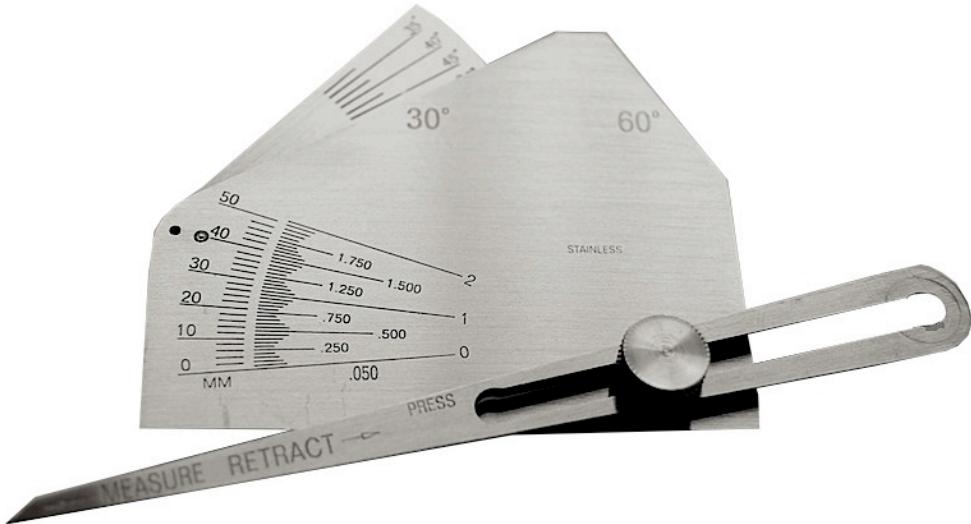


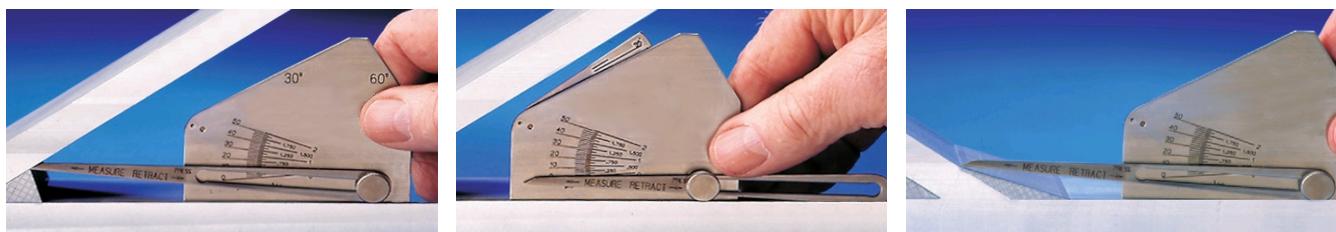
Skew-T Fillet Weld Gauge WG12

(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.



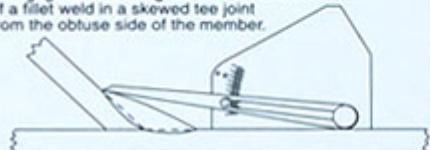
- **Gauge with Pointer Retracted**
- **Checking Angle of Vertical Member**
- **Gauge with Pointer Extended**
- **Acute**
- **90 Degrees**
- **Obtuse**

SKEW-T FILLET WELD CALCULATOR

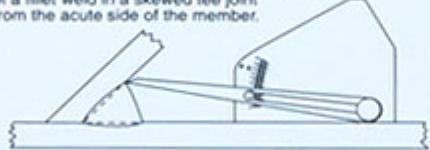
WELD MEASUREMENT METHOD OF SKEWED JOINTS

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

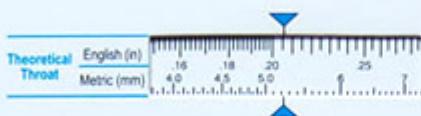
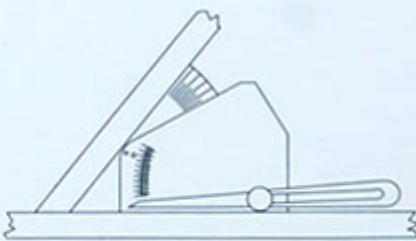
This gage is measuring the "W" dimension of a fillet weld in a skewed tee joint from the obtuse side of the member.



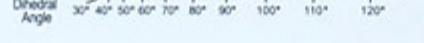
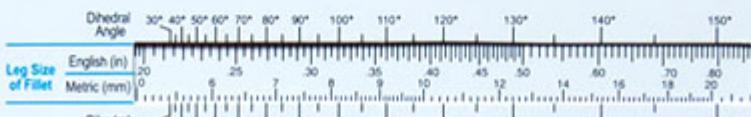
This gage is measuring the "W" dimension of a fillet weld in a skewed tee joint from the acute side of the member.



This gage is measuring the angle of the skewed member.



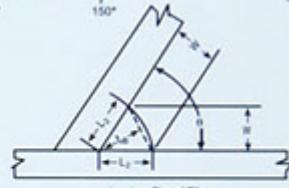
SKEW-T FILLET WELD CALCULATOR



INSTRUCTIONS:

Set Theoretical Throat at arrow.

Read Leg Size of Fillet and Inspection Dimension at Dihedral angle.



Fillet Welds
L = Leg Size of Fillet
L₀ = Theoretical Throat
W = Inspection Dimension
θ = Dihedral angle

© 2008 Pentair Card Stream, L.P./M4. Printed in USA. P/N:00000000000000000000000000000000