



Technical Bulletin

Inspection for Milled Fork Blade Wear

This sheet describes how Cascade milled fork blades (ie. lumber fork, two stage taper and full bottom taper) are inspected for wear. Some Cascade forks are manufactured with the blade milled to a thinner dimension than the shank. The original blade thickness is not always apparent.

NOTE: Fork inspection shall be carried out by trained personnel who understand and follow all safety regulations while performing an inspection. Any fork that is defective shall be removed from service. Refer to ANSI/ITSDF B56.1 – 2009, 6.2.8.1, (F) Wear (1).

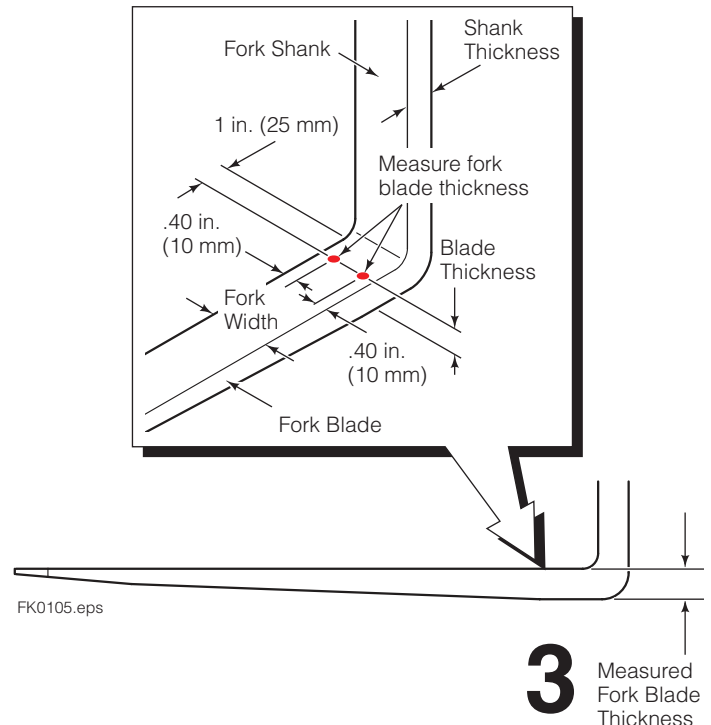
IMPORTANT: Do not use the Cascade Fork Arm Wear Caliper for this inspection.

- 1 Verify that the forks are manufactured by Cascade.
- 2 Locate the stamping on the forks. Record the information in the chart below.

IMPORTANT: To obtain the original manufactured blade thickness from Cascade, the stamped part number must be obtained.

- 3 Use a dial/digital caliper to measure the fork blade thickness, as shown. Take measurements from both sides. Record the **minimum** dimension that is measured.
- 4 Contact a Cascade Technical Services Representative with the information recorded in the chart to obtain the original blade thickness.
- 5 Multiply the original blade thickness by 90% (.9) to determine the minimum thickness allowed due to wear.
Example: 44 mm x .9 = 40 mm (minimum thickness)
- 6 Compare the measured blade thickness with the original blade thickness.
 - If the measured thickness is **greater than** the minimum thickness allowed, the fork is still usable.
 - If the measured thickness is **is equal to or less than** the minimum thickness allowed, the fork needs to be replaced.

FORK DESCRIPTION	FORK DATA	EXAMPLE DATA
Stamped:		
Fork Width		200 mm
Shank Thickness		50 mm
Capacity @ Load Center		3155 @ 600 (metric)
Part Number		1234567
Work Order Number		123456
Measured:		
Blade Thickness		43 mm
Cascade:		
Original Blade Thickness		44 mm



NOTE: This information should not be interpreted as the basis for warranty claims unless so designated.



For Technical Support . . .

Call: 1-877-CASCADE (227-2233)

OR

Write: Cascade Canada, PO Box 1508, Guelth, Ontario, Canada N1h 6N9