

26th January 1918

Major The Hamiltons Steel Works, Osaka.

date from 18/10/16 to 16/7/17

Three built crank shafts 12 in dia. forged from 8 Ton
 & 10 1/2 ton ingots. Ratio Section of forging from 17.2% to 18.9%
Section of ingot
 used for journals & pins.
 Examined in forged, rough turned & finished states

Journals & pins:-	Highest 30.26	36.0	180° and 1/2° red
DN3-22-67-69-71-72	Lowest 29.14	31.5	from each forging
Arms:- DN36-40-57	Highest 30.22	36.0	do do
-39-41-42	Lowest 29.29	31.0	

These Crankshafts are
 Shunt "Mitsui Bussan Kaisha, No 2"

The Hamiltons Steel Works, Osaka

90°
 3°
 93°

LLOYDS
 16.7.17
 ALed. P.

Arthur L. Jones

W1208-0234



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