

Ford Motor Company

3000 SCHAEFER ROAD
DEARBORN, MICHIGAN

Mr. Fred J. Pickles
H. E. Morse Company
455 Douglas Road
Holland, Michigan

June 29, 1955

SUBJECT: Wear life tests on Chrome Plated thread plug gage members

Dear Mr. Pickles;

The subject gages furnished by your company have been tested for comparative wear life against plain steel gages in two separate divisions. The results reported as follows:

Wear life of chrome plated thread plug gages was greater than plain steel gages by a ratio of 3:1 in cast iron application; and 2:1 in stainless steel application. There were no indications of chipping or peeling on the chrome plated gages.

The test reports have been presented to the Gage Standards Subcommittee for further evaluation and consideration.

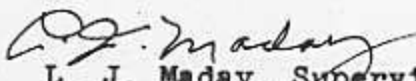
We wish to thank you for your splendid co-operation and assistance.

Yours very truly,



Peter A. Kenny
General Standards Section
Design & Standards Department

Concurred:



L. J. Maday, Supervisor
General Standards Section
Design & Standards Department

FORD MANUFACTURING STANDARDS COMMITTEE
THREAD GAGE STANDARDS SECTION COMMITTEE
MINUTES FOR SEPTEMBER 9, 1955

A special meeting of the Thread Gage Section Committee was called to order by the chairman in Room 114-A, Production Offices on Friday, September 9, 1955 at 2:00 P.M.

The following attendance is reported.

<u>PRESENT</u>	<u>ABSENT</u>	<u>ALTERNATES</u>	<u>TECHNICAL ADVISORS</u>	<u>VISITORS & OBSERVERS</u>
F. G. Gordon				
R. M. Zoller	J. Fidler			
R. A. Klann	T. Proctor			
N. Kasperek	M. Whitton			
S. Pyc				
G. J. Gillissie				
P. A. Kenny				
H. R. Beck				

ITEM # 7 CHROME-PLATED THREAD GAGES.

Data on Wear Test comparison between Chrome-Plated and Steel Gages was presented to the members by the chairman. The tests indicated that the Chrome-Plated Gages out-last the steel anywhere from a minimum of 2 to 1 to a maximum of 8 to 1.

Upon the results of these tests, the committee agreed to adopt Chrome-Plated Thread Gages as mandatory in place of "Optional".

A motion was made by Mr. S. Pyc and seconded by Mr. F. Gordon to add the note "Chrome-Plate" to the material specification with alternate chrome-specifications to be furnished by Manufacturing Research. The motion was accepted unanimously.

The meeting adjourned at 4:18 P.M.

Issued by: S. Pyc

S. Pyc, Secretary
Thread Gage Standards
Section Committee

Approved: P. A. Kenny s.f.

P. A. Kenny, Chairman
Thread Gage Standards
Section Committee

9-12-55