

## Henry Brucher Metallurgical Translations 紹介

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### Rollings Rolling Practices

HB 8127 (A. B. Lamin et al.)  
Lubricant for [Cold] rolling of tubes.  
[Metallurg, Lubricants vol. 14, 1969 No 2,  
Page 38] (R)

HB 8242 (V. V. Pravosudovich.)  
Classification of surface defects of rolled tube  
blooms and [seamless] tubes.  
[Metallurg. i Gornorudn. Promyshlennost, vol.  
10, 1969, No 6, pp. 41-45] (R)

### Welding

HB 8164 (V. C. Protsik et al.)  
Influence of small amounts of alloying elements  
on the structure and strength of medium-  
carbon boronized steel.  
[Fiziko-Khim. Mekh. Mat., vol. 5, 1969, No  
6, pp. 661-65] (R)

HB 8171 (A. Krahl.)  
The effusion of hydrogen from steel weld metal.  
Measurements on specimens of weld metal  
from bare wire electrodes.  
[Schweissen und Schneiden, vol. 22, 1970, No  
1, pp. 25-28] (G)

### Plating Protective Coatings Cleaning Pickling

HB 8165 (A. L. Bichuya et al.)  
Corrosion resistance of molybdenum coatings  
produced by the contact-fusion method.  
[Fiziko-Khim. Mekh. Mat., vol. 5, 1969, No 6  
pp. 704-708]

HB 7969 (A. I. Plyshevskii et al.)  
Certain features of contactless vacuum thermal  
chromizing [of steel].  
[Fiz.-Khim. Mekh. Mat., vol. 5, 1969, No 6,  
pp. 704-708] (R)

HB 7969 (A. I. Plyshevskii et al.)  
Certain features of contactless vacuum thermal  
chromizing [of steel]  
[Fiz.-Khim. Mat., vol. 5, 1969, No 1, pp. 21  
24] (R)

### Properties and Tests

HB 8118 (I. E. Spengler and I. K. Florov)

Investigation of the load-bearing capacity of  
structures made from thermally-strengthened  
low-carbon steel, at a subzero temperature.

[Metallurg. i Gornorudnaya promyshlennost',  
vol. 11, 1970, No. 1, pp. 39-42] (R)

HB 8192-I (W. König and N. Diederich. Archiv  
F. D.)

Effect of nonmetallic inclusions upon the ma-  
chinability of C-1045 type steel Ck45  
[With extra low P and S]. Part I: results of  
machining tests.

[Eisenhüttenwesen, vol. 41, 1970, No 3, pp.  
267-273]

HB 8257 (E. V. Vol. ter et al.)

Thermal strengthening of plate from continu-  
ously cast rimmed carbon steel.

[Metallurg. i Gornorudn. Promyshlennost'. vol.  
11, 1970, No 1, p. 39] (R)

### Clad Steel, Powder Metallurgy & Hardfacing

HB 8168 (G. A. Meerson et al.)

Isostatic compacting of metals powders in el-  
astic bushings.

[Izvest. VUZ-Tsvetn. Met., vol. 12, 1969, #6,  
pp. 116-20] (R)

### Industrial Uses & Application

HB 8187 (G. T. Wupperman)

The future regarding the use of steel.

[Stahl und Eisen, vol. 90, 1970, No 8, pp.  
381-383]

### Miscellaneous

HB 7897 (M. Von Ardenne et al.)

Plasma arc cutting of plain structural steels  
using fine jet. plasma torches.

[Schweisstechnik, vol. 19, 1969, No 10, pp.  
453-458] (G)

HB 8172 (R. Gassmann)

Rationalization of cupola installations through  
the use of vibrating through conveyors.

[Die Giesserei vol. 57, 1970, No 3 pp. 57-59]  
(G)