

ALLIS-CHALMERS CO.

SUCCESSOR TO

THE EDWARD P. ALLIS CO. FRASER & CHALMERS. GATES IRON WORKS. DICKSON MFG. CO.
 Milwaukee, Wis. Chicago, Ill. Chicago, Ill. Scranton, Pa.

MANUFACTURERS OF

Mining Machinery

The Presidio Mining Company, of Shafter, Texas, operates a fifty-stamp, wet-crushing silver mill. Careful records of cost of shoes and dies have been kept for twelve years. The Presidio Company has used high-grade Open Hearth and Crucible Steel castings, Chrome Steel, Ferro-Aluminum, Forged Steel, Harveyized Steel, Manganese Steel and Projectile Steel. The best records made by each kind of metal used in the shoes and dies show the following:



COST OF CASTINGS PURCHASED PER TON OF ORE CRUSHED

Harveyized Steel.....	.1629
Forged Steel.....	.1227
Chrome Steel.....	.1107
Chrome Steel.....	.1057
Chrome Steel.....	.0786
Projectile Steel.....	.1051
Projectile Steel.....	.0538
Manganese Steel.....	.0995
Ferro-Aluminum.....	.0960
Cast Steel.....	.0705
Gates Chilled Iron.....	.0348
Gates Chilled Iron.....	.0285
Gates Chilled Iron.....	.0227
Gates Chilled Iron, dies only.....	.0199

We have perfected a mixture of iron for Stamp Shoes and Dies that is unequalled for wearing qualities. After very severe competitive tests with other brands of iron and steel (see accompanying record of tests made by the Presidio Mining Co.), the Gates Chilled Iron Shoes and Dies have been pronounced by the leading mill men of this country to outlast any other material on the market, price being considered. For the past few years we have been supplying the Homestake Mining Company, Lead, S. D., and several other of the leading mining companies of the United States with their entire supply of Stamp Shoes and Dies made of this special mixture of chilled iron. The Homestake Mining Company has, in the past few years, purchased in the aggregate about 30,000 Stamp Shoes and Dies, and according to their own record, the average life of our chilled iron shoes working on their ores runs from 55 to 65 days each, which includes all breakages and defects in castings.

WRITE US FOR PRICES AND FURTHER INFORMATION

BRANCH OFFICES:

NEW YORK, Broad Exchange Bldg.
 PITTSBURGH, 1212 Frick Bldg.
 MINNEAPOLIS, 116 Corn Exchange Bldg.
 DENVER, 1649 Tremont St.

GENERAL

CHICAGO,



OFFICE:

ILL..U.S.A.

HOME INSURANCE BUILDING.

BRANCH OFFICES:

SALT LAKE CITY, Dooly Block.
 SPOKANE, 512 First Ave.
 SAN FRANCISCO, 623 Hayward Bldg.
 LONDON, ENG. 160 Dashiwood House