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N-T Mill Flingers & Tapered Sleeves

S. Ordog

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**MORGAN CONSTRUCTION CO.
ROLLING MILL DEPT. MEMORANDUM**

TO: W.H. Howard

DATE: 12 October 1971

FROM: S. Ordog

SUBJECT: N-T Mill Flingers & Tapered Sleeves

| | ACT | INF |
|----------------|-----|-----|
| HERMES | | X |
| HILL | | X |
| HOWARD | | X |
| KARSTERS | | X |
| MERCER | | X |
| MORGAN, PA. S. | | X |
| POOLE | | X |
| RANDALL | | X |
| WILSON | | X |
| GEN. FILE | | X |
| BERGSTROM | | |
| COMTOIS | | |
| CONLON | | |
| DUNCAN | | |
| ERICKSON, A | | |
| FONTAINE, M | | |
| FONTAINE, R | | |
| GILVAR | | X |
| GRESHAM | | |
| HEVL | | |
| Deso | | X |
| HOMWOOD | | |
| JACQUES, R. | | |
| KINNICUTT | | |
| KLUSMIER | | |
| KNOTT | | X |
| MAROTI | | |
| MATHIEU | | |
| MACPHERSON | | |
| MCMILLEN | | |
| MCNAUGHER | | |
| MEIGS | | |
| MORGAN, M | | |
| NEELY | | |
| ORDOG | | X |
| PLITNICK | | |
| PRENTICE | | X |
| PROCTOR | | |
| REARDON | | |
| ROBERTSHAW | | |
| SIEURIN | | |
| VITELLI | | |
| WINGTON | | |
| WINTERS | | |
| WOOD | | X |
| WRIGHTSON | | |
| WYKES R. | | X |
| YOUNG | | |
| ACCOUNTING | | |
| PURCHASING | | X |
| MANUFACTURING | | |
| COMB CONTROL | | |
| MORGON | | |
| WIRE DRAWING | | |
| PITTSBURGH | | |

During a recent visit at Bethlehem-Sparrows Point I had an opportunity to discuss the current practice of roll mounting with Ken Earle and George Ginger at the No. 3 Rod Mill.

I was informed that they have had good experience with the flingers and tapered sleeves supplied them by Atlas Machine Co., Inc., 5204 Eleanora Ave., Baltimore, Maryland 21215, phone 301-664-9500.

They buy the flingers and tapered sleeves completely machined and send them elsewhere themselves for coating.

Flingers - 6" & 8" Stands

| | |
|--|----------|
| 6" - Cost per unit (finish machined) | \$14.00 |
| 6" - Cost per unit (coated by Union Carbide) | 10.00 |
| Total Cost | \$24.00 |
| 8" - Cost per unit (fin. mach.) Approx. | \$18.00 |
| 8" - Cost per unit (coated by U.C.) Approx. | 10.00+ |
| Total Cost Approx. | \$28.00+ |

Sleeves

| | | |
|---|---------|---------|
| 6" - Cost per unit (fin. mach.) | Approx. | \$30.00 |
| 6" - Cost per unit (coated with Moly disul) | Approx. | 3.00 |
| Total Cost | | \$33.00 |

Our best costs on each of the above items has been considerably in excess of the above. We have made numerous flingers in our own shops at manufacturing costs up to \$200.00 plus, each. Our best cost has been around \$90.00 each (manufacturing cost only).

Most of our tapered sleeves have been bought from NEO Machine in Hamilton, Ontario at varying prices. The most recent prices, more than a year old are:

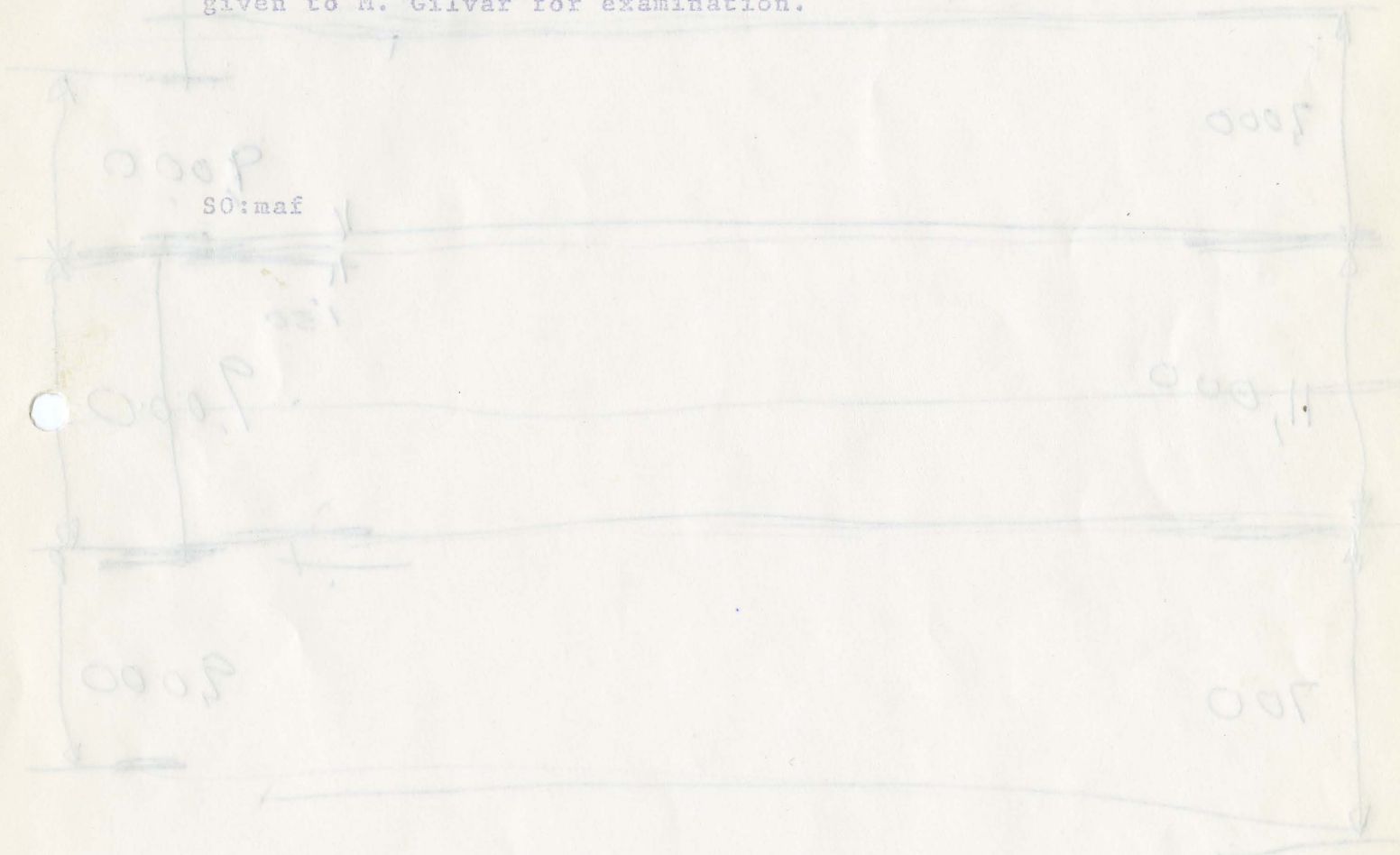
| | | | |
|-----------|---------|-------|--------------|
| 6" sleeve | 179366A | | \$65.00 each |
| 8" sleeve | 182909A | | 74.25 each |

Subject: N-T Mill Flingers & Tapered Sleeves

12 October 1971

It seems, in view of the difficulties we have had in the past on the two items above, that we should take advantage of Bethlehem's "creative purchasing" in this instance and invite quotes from Atlas.

Samples of the 6" flingers, one with coating intact and in excellent condition for reuse in the mill, have been given to M. Gilvar for examination.



It seems, in view of the difficulties we have had in the past on the front sheet, that we should take advantage of the "positive packaging" in this instance and quote from the R-1 Mill Yields, one with coating intact and one with coating removed. The condition for these is the mill. have been

