

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-10** | Period of Report: **2013-01-07**
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ISSUER

TITANIUM METALS CORP

CIK: **1011657** | IRS No.: **135630895** | State of Incorporation: **DE** | Fiscal Year End: **1231**
SIC: **3341** Secondary smelting & refining of nonferrous metals

Mailing Address
5430 LBJ FREEWAY
SUITE 1700
DALLAS TX 75240

Business Address
5430 LBJ FREEWAY
SUITE 1700
DALLAS TX 75240
9722331700

REPORTING OWNER

PRECISION CASTPARTS CORP

CIK: **79958** | State of Incorporation: **OR** | Fiscal Year End: **0403**
Type: **4** | Act: **34** | File No.: **001-14368** | Film No.: **13524086**
SIC: **3320** Iron & steel foundries

Mailing Address
4650 SW MACADAM AVE
STE 440
PORTLAND OR 97239

Business Address
4650 SW MACADAM AVE
STE 440
PORTLAND OR 97239
503.417.4800

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person PRECISION CASTPARTS CORP			2. Issuer Name and Ticker or Trading Symbol TITANIUM METALS CORP [TIE]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/07/2013					
4650 SW MACADAM AVENUE, SUITE 400			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
(Street) PORTLAND, OR 97204								
(City)	(State)	(Zip)						

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D) Price			
Common Stock	01/07/2013		P		16,829,871 ⁽¹⁾	A	\$16.5	100 ⁽²⁾	D

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)					

Explanation of Responses:

- The shares were owned directly by ELIT Acquisition Sub Corp. ("ELIT"), which was a wholly owned subsidiary of Precision Castparts Corp. Precision Castparts Corp. was an indirect beneficial owner of the reported securities.

2. All of the issuer's outstanding stock was canceled upon the merger of ELIT into the issuer on January 7, 2013. The outstanding shares of ELIT were converted into the shares of the issuer as the surviving corporation.

Signatures

Roger A. Cooke, Senior Vice President, General Counsel and Corporate Secretary of Precision Castparts Corp. and ELIT Acquisition Sub Corp.

01/10/2013

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.