TITANIUM METALS CORP

Form 4

December 28, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SECURITIES

OMB Number:

Expires:

3235-0287

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, 2005

0.5

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Check this box

Form 5 obligations may continue.

See Instruction

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * PRECISION CASTPARTS CORP

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

TITANIUM METALS CORP [TIE]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Last)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

Director Officer (give title

10% Owner _ Other (specify

4650 SW MACADAM AVENUE

4. If Amendment, Date Original

12/26/2012

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

> Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

below)

PORTLAND, OR 97204

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative Sec	curitie	s Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities our Disposed of (Instr. 3, 4 an	of (D)	red (A)	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)
Common Stock	12/26/2012		P	57,887	A	\$ 16.5	150,578,502	I	See Note
Common Stock	12/27/2012		P	4,286,124	A	\$ 16.5	154,864,626	I	See Note

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

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SEC 1474 (9-02)

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. :	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
				~					of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Kelationships					
Fg	Director	10% Owner	Officer	Other		
PRECISION CASTPARTS CORP 4650 SW MACADAM AVENUE PORTLAND, OR 97204		X				
ELIT Acquisition Sub Corp. 4650 SW MACADAM AVENUE, SUITE 400 PORTLAND, OR 97239		X				

Signatures

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

12/28/2012

**Signature of Reporting Person

Date

Explanation of Responses:

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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