KENNAMETAL INC Form SC 13G/A February 02, 2016

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

KENNAMETAL INC.

(Name of Issuer)

Capital Stock

(Title of Class of Securities)

489170100

(CUSIP Number)

December 31, 2015

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[_] Rule 13d-1(c)
[_] Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 489170100

1	NAME OF REP Artisan Pa		ING PERSON ers Limited Partnership		
2	CHECK THE A		DPRIATE BOX IF A MEMBER OF A GROUP ons)	(a) (b)	[_]
	Not Applicable				
3	SEC USE ONL	Y			
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION		
	MBER OF SHARES	5	SOLE VOTING POWER None		
0	EFICIALLY WNED BY EACH	6	SHARED VOTING POWER 4,526,045		
	PORTING PERSON WITH	7	SOLE DISPOSITIVE POWER None		
		8	SHARED DISPOSITIVE POWER 4,745,616		
9	AGGREGATE A 4,745,616	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	CHECK BOX I (see Instru Not Applic	cti			[_]
11	PERCENT OF 0 6.0%	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPO (see Instru- IA				
			Page 2 of 11		
CUS	IP No. 4891	701	00 13G		
1	NAME OF REP Artisan In		ING PERSON tments GP LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)			[_]	
	Not Applic	abl	e e e e e e e e e e e e e e e e e e e	(b)	L_]
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				

NUMBER OF	5 SOLE VOTING POWER None				
SHARES					
	6 SHARED VOTING POWER 4,526,045				
	7 SOLE DISPOSITIVE POWER None				
	8 SHARED DISPOSITIVE POWER 4,745,616				
9 AGGREGATE AM 4,745,616	NOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
(see Instruc	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_ Not Applicable				
11 PERCENT OF C 6.0%	LASS REPRESENTED BY AMOUNT IN ROW (9)				
	(see Instructions)				

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CUSIP No. 4891	70100	13G			
1 NAME OF REPORTING PERSON Artisan Partners Holdings LP					
2 CHECK THE A (see Instru	PPROPRIATE BOX IF A MEMBER C	OF A GROUP (a) [_] (b) [_]			
Not Applic	able	(~, [_]			
3 SEC USE ONL					
4 CITIZENSHIP Delaware	OR PLACE OF ORGANIZATION				
NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER None				
OWNED BY EACH REPORTING	6 SHARED VOTING POWER 4,526,045				
PERSON WITH	7 SOLE DISPOSITIVE POWER None				
	8 SHARED DISPOSITIVE POWER 4,745,616				

9	AGGREGATE <i>A</i> 4,745,616	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.0%				
12	TYPE OF REPORTING PERSON (see Instructions) HC				
		Page 4 of 11			
CUS	IP No. 4891	70100 13G			
1		PORTING PERSON Artners Asset Management Inc.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)				
	Not Applic		[_]		
3	SEC USE ONI	.Υ Υ			
4	CITIZENSHIE Delaware	OR PLACE OF ORGANIZATION			
	MBER OF SHARES	5 SOLE VOTING POWER None			
01	EFICIALLY WNED BY EACH	6 SHARED VOTING POWER 4,526,045			
	EPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER None			
		8 SHARED DISPOSITIVE POWER 4,745,616			
9	AGGREGATE <i>A</i> 4,745,616	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	CHECK BOX I (see Instru Not Applic	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES actions)	[_]		
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.0%				

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CUSIP No. 48	39170100 13G	
	REPORTING PERSON Partners Funds, Inc.	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP cructions)	(a) [_] (b) [_]
Not App]	licable	·
3 SEC USE (DNLY	
4 CITIZENSH Wisconsi	HIP OR PLACE OF ORGANIZATION in	
NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER None	
OWNED BY EACH	6 SHARED VOTING POWER 3,132,399	
REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER None	
	8 SHARED DISPOSITIVE POWER 3,132,399	
9 AGGREGATE 3,132,39	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 39	·
	K IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE ructions) licable	 2S [_]
11 PERCENT (3.9%	DF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	REPORTING PERSON cructions)	
	Page 6 of 11	
Item 1(a) N	Name of Issuer:	
	KENNAMETAL INC.	
Item 1(b) A	Address of Issuer's Principal Executive Offices:	
	600 Grant Street, Suite 5100, Pittsburgh, Pennsylvania 15	219-2706

Item 2(a) Name of Person Filing:

Artisan Partners Limited Partnership ("APLP") Artisan Investments GP LLC ("Artisan Investments") Artisan Partners Holdings LP ("Artisan Holdings") Artisan Partners Asset Management Inc. ("APAM") Artisan Partners Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

APLP, Artisan Investments, Artisan Holdings, APAM, and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

APLP is a Delaware limited partnership Artisan Investments is a Delaware limited liability company Artisan Holdings is a Delaware limited partnership APAM is a Delaware corporation Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Capital Stock

Item 2(e) CUSIP Number:

489170100

Item 3 Type of Person:

(d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.

(e) APLP is an investment adviser registered under section 203 of the Investment Advisers Act of 1940.

(g) Artisan Holdings is the sole limited partner of APLP and the sole member of Artisan Investments; Artisan Investments is the general partner of APLP; APAM is the general partner of Artisan Holdings.

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- Item 4 Ownership (at December 31, 2015):
 - (a) Amount owned "beneficially" within the meaning of rule 13d-3:

4,745,616

(b) Percent of class:

6.0% (based on 79,608,177 shares outstanding as of 10/30/2015)

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

None

(ii) shared power to vote or to direct the vote:

4,526,045

(iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition
 of:

4,745,616

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of APLP; as reported herein, APLP holds 4,745,616 shares, including 3,132,399 shares on behalf of Artisan Funds. Persons other than APLP are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP By: Gregory K. Ramirez * _____ ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP Gregory K. Ramirez * By: _____ ARTISAN PARTNERS FUNDS, INC. By: Gregory K. Ramirez * _____ *By: /s/ Gregory K. Ramirez _____ Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC Chief Financial Officer, Vice President and Treasurer of Artisan Partners Funds, Inc.

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Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 2, 2016 by and among Artisan Partners Limited Partnership, Artisan Investments GP LLC, Artisan Partners Holdings LP, Artisan Partners Asset Management Inc., and Artisan Partners Funds, Inc.

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EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT

INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP By: Gregory K. Ramirez * _____ ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP By: Gregory K. Ramirez * _____ ARTISAN PARTNERS FUNDS, INC. By: Gregory K. Ramirez * _____ *By: /s/ Gregory K. Ramirez _____ Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC Chief Financial Officer, Vice President and Treasurer of Artisan Partners Funds, Inc.

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