KENNAMETAL INC Form SC 13G/A February 03, 2017

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. 2)\*

KENNAMETAL INC.

(Name of Issuer)

Capital Stock

(Title of Class of Securities)

489170100

(CUSIP Number)

12/31/2016

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

(Date of Event Which Requires Filing of this Statement)

[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).

CUSIP No. 489170100

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13G

1 NAME OF REPORTING PERSON Artisan Partners Limited Partnership

2	CHECK THE A		DPRIATE BOX IF A MEMBER OF A GROUP		[_]
	Not Applic	cable		(5)	1-1
3	SEC USE ONI				
4	CITIZENSHIF Delaware	OR	PLACE OF ORGANIZATION		
	MBER OF SHARES	5	SOLE VOTING POWER None		
EACH		6	SHARED VOTING POWER		
	PORTING PERSON WITH		SOLE DISPOSITIVE POWER None		
		8	SHARED DISPOSITIVE POWER -		
9	AGGREGATE A	AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	CHECK BOX I (see Instru Not Applic	actic			[_]
11	PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REF (see Instru				
CUS	IP No. 4891	17010	00 13G		
1	NAME OF REF Artisan Ir	nvest	ments GP LLC		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP		[_] [_]
	Not Applic	cable	<u> </u>	(5)	LJ
3	SEC USE ONI				
4	CITIZENSHIF Delaware	OR	PLACE OF ORGANIZATION		
	MBER OF SHARES EFICIALLY	5	SOLE VOTING POWER None		

OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER -			
		7	SOLE DISPOSITIVE POWER None			
		8	SHARED DISPOSITIVE POWER -			
9	AGGREGATE A	MOUI	NT 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) 0.0%					
12	TYPE OF REP					
CUS	SIP No. 4891	701	00 13G			
1	NAME OF REP Artisan Pa		ING PERSON ers Holdings LP			
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]		
	Not Applic	abl	e 			
3	SEC USE ONL	Y 				
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION			
	MBER OF SHARES	5	SOLE VOTING POWER None			
BENEFICIALLY OWNED BY EACH REPORTING		6	SHARED VOTING POWER			
	PERSON WITH		SOLE DISPOSITIVE POWER None			
		8	SHARED DISPOSITIVE POWER -			
9	AGGREGATE A	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	CHECK BOX I (see Instru Not Applic	cti		[_]		

11	1 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.0%					
12	TYPE OF REPORTED INSTRUCTION OF THE TRUE INSTRUCTION O	RTING PERSON Lions)				
CUS	IP No. 4891	0100 13G				
1	NAME OF REPORTING PERSON Artisan Partners Asset Management Inc.					
2	CHECK THE A	PROPRIATE BOX IF A MEMBER OF A GROUP Lions) (a) [ (b) [				
	Not Applic	· · · · ·	J			
3	SEC USE ONL					
4	CITIZENSHIP Delaware	DR PLACE OF ORGANIZATION				
	MBER OF SHARES	SOLE VOTING POWER None				
0	EFICIALLY WNED BY EACH EPORTING	SHARED VOTING POWER -	_			
		7 SOLE DISPOSITIVE POWER None				
		3 SHARED DISPOSITIVE POWER -	_			
9	AGGREGATE A	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	_			
10	CHECK BOX I (see Instru Not Applic		_]			
11	0.0%	LASS REPRESENTED BY AMOUNT IN ROW (9)				
12	2 TYPE OF REPORTING PERSON (see Instructions) HC					
			_			
CUS	IP No. 4891	0100 13G				
1	NAME OF REPORTING PERSON Artisan Partners Funds, Inc.					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP					

	(see Ins	structions)	(a) [_] (b) [ ]
	Not App	plicable	(D) [_]
3	SEC USE	ONLY	
4	CITIZENS Wiscons	SHIP OR PLACE OF ORGANIZATION	
		5 SOLE VOTING POWER None	
	MBER OF SHARES		
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			
		<del>-</del> 	
		7 SOLE DISPOSITIVE POWER None	
		8 SHARED DISPOSITIVE POWER -	
9	AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10	(see Ins	OX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES structions)	[_]
	0.0%	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
		REPORTING PERSON structions)	
Iter	m 1(a)	Name of Issuer:	
		KENNAMETAL INC.	
Iter	m 1(b)	Address of Issuer's Principal Executive Offices:	
		600 Grant Street, Suite 5100, Pittsburgh, Pennsylvania, 152	219-2706
Iter	m 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")	
Iter	m 2(b)	Address of Principal Business Office:	
		APLP, Artisan Investments, Artisan Holdings, APAM, and Artifunds are all located at:	isan
		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

- (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.

#### Item 4 Ownership(at 12/31/2016):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

-

(b) Percent of class:

0.0% (based on 79,933,935 shares outstanding as of 10/31/2016)

- (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:

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

None

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

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

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

Not Applicable

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

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.

#### 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: 2/3/2017

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 \*

y. Glegoly R. Ramilez

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez \*

\*By: /s/ Gregory K. Ramirez

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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.

#### Exhibit Index

Exhibit 1 Joint Filing Agreement dated 2/3/2017 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.

EXHIBIT 1

#### JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule  $13\mathrm{G}$  to which this Agreement is attached.

Dated: 2/3/2017

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.