FY19 Fourth Quarter and Year-end Earnings Call Presentation

August 6, 2019



Certain statements in this presentation may be forward-looking in nature, or "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are statements that do not relate strictly to historical or current facts. For example, statements about Kennametal's outlook for earnings, sales volumes, cash flow, and capital expenditures, and expectations regarding future growth and financial performance are forwardlooking statements. Any forward-looking statements are based on current knowledge, expectations and estimates that involve inherent risks and uncertainties. Should one or more of these risks or uncertainties materialize, or should the assumptions underlying the forward-looking statements prove incorrect, our actual results could vary materially from our current expectations. There are a number of factors that could cause our actual results to differ from those indicated in the forward-looking statements. They include: downturns in the business cycle or the economy; our ability to achieve all anticipated benefits of our restructuring initiatives; risks related to our foreign operations and international markets, such as currency exchange rates, different regulatory environments, trade barriers, exchange controls, and social and political instability; changes in the regulatory environment in which we operate, including environmental, health and safety regulations; potential for future goodwill and other intangible asset impairment charges; our ability to protect and defend our intellectual property; continuity and security of information technology infrastructure; competition; our ability to retain our management and employees; demands on management resources; availability and cost of the raw materials we use to manufacture our products; product liability claims; integrating acquisitions and achieving the expected savings and synergies; global or regional catastrophic events; demand for and market acceptance of our products; business divestitures; labor relations; and implementation of environmental remediation matters. Many of these risks are more fully described in Kennametal's latest annual report on Form 10-K and its other periodic filings with the Securities and Exchange Commission. We can give no assurance that any goal or plan set forth in forward-looking statements can be achieved and readers are cautioned not to place undue reliance on such statements, which speak only as of the date made. We undertake no obligation to release publicly any revisions to forward-looking statements as a result of future events or developments.

This presentation includes certain non-GAAP financial measures as defined by SEC rules. As required by Regulation G, we have provided a reconciliation of those measures to the most directly comparable GAAP measures, which is available on our website at <u>www.kennametal.com.</u> Once on the homepage, select "Investor Relations" and then "Events."



Margin improvement demonstrates continuing progress on simplification/modernization

FY19 Total Year Overview & Highlights

• Organic sales growth: 3% organic sales growth on top of 12% organic growth in prior year

- 3rd consecutive year of organic sales growth
- Continued FX headwinds on sales of (3)%
- All segments positive: Infrastructure +5%, WIDIA +3%, Industrial +2%
- All regions positive*: Americas +5%, EMEA +2%, AsiaPac +2%

Strong margin improvement: 14.6% Adjusted Operating Margin (vs. 12.9% prior year**)

- Adjusted operating expense margin improves 120 bps to 20.0% vs. 21.2% prior year**
- Adjusted EBITDA margin increases 180 bps to 19.6% vs. 17.8% prior year
- Simplification/Modernization initiatives progressing; benefits accelerating
 - Benefits from Simplification/Modernization increased significantly over FY18 by 40 cents
 - Announced intended restructuring or closures of three German facilities and three US plants
 - Expected run-rate savings from restructuring actions of \$35 \$40M by FY20 year-end and incremental \$25 \$30M by FY21 year-end
- Earnings per share: Reported \$2.90; Adjusted \$3.02 (vs. \$2.65 prior year)
- * Constant Currency Regional Sales Growth
- ** See Footnote 1 on slide 21



FY19 performance generally in-line with expectations

EPS within forecasted range, despite softening end-markets & FX/tariff headwinds

FY19 Outlook	<u>FY19</u> Actual
~5%	3%
~22%	21.4%
\$3.00 - \$3.10	\$3.02
\$200M - \$220M	\$212M
\$120M - \$140M	\$99M
	~5% ~22% \$3.00 - \$3.10 \$200M - \$220M

Unsettled macro-economic backdrop

- Lingering trade tensions
- FX and tariff headwinds continue
- Softening end-markets in key geographies (US, Germany, China, India)
- Continuing weakness in global transportation
- General engineering and oil & gas also slowing
- Lower commodity prices

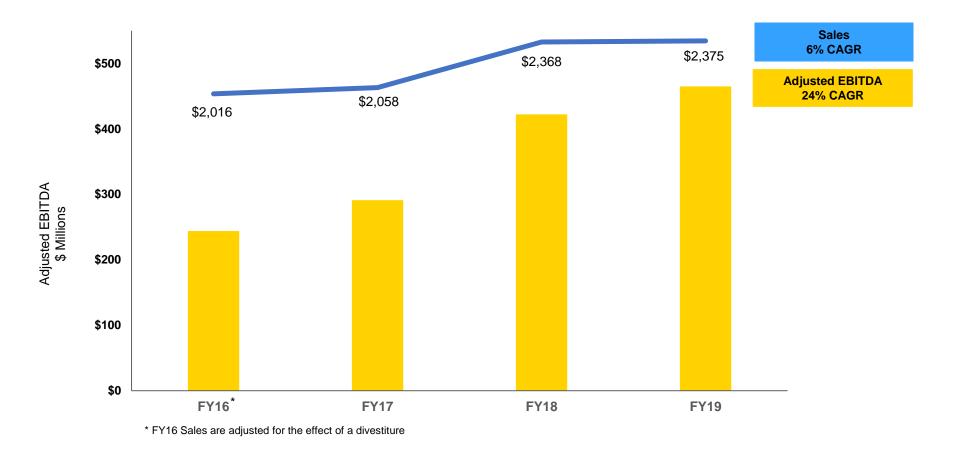
Major progress on structural cost-out actions

- Benefits from Simplification/Modernization increasing
- Capital spending as forecasted
- Announced intended footprint rationalization actions



Kennametal's journey to-date

More benefits from Simplification/Modernization to come





Continuing progress in Simplification/Modernization initiatives, despite market slowdown

Q4 FY19 Overview & Highlights

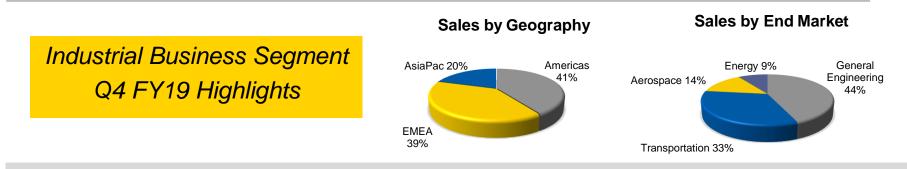
• Organic sales: (2)% organic sales decline on top of 10% organic growth in prior year (PY) quarter

- Headwinds continued with negative effect of FX at (4)% and business days of (1)%
- · Uncertainty in macro environment and softening end-markets, excluding aerospace
- Infrastructure +1%, WIDIA (3)%, Industrial (4)%
- Regional growth rates* of (2)% in the Americas, (3)% in EMEA and (4)% in AsiaPac

Margins increased despite slowing markets: 15.8% Adjusted Operating Margin (vs. 15.4% PY**)

- Adjusted operating expense margin improves 80 bps to 19.2% vs. 20.0% prior year**
- Adjusted EBITDA margin increases 130 bps to 21.0% vs.19.7% prior year
- Simplification/Modernization initiatives progressing
 - · Announced intended restructuring of three German facilities and one US plant
 - Simplification/Modernization benefits of 10 cents over PY
 - Expected run-rate savings from restructuring actions of \$35 \$40M by FY20 year-end and incremental \$25 \$30M by FY21 year-end
- Earnings per share: Reported \$0.74; Adjusted \$0.84 (vs. \$0.87 prior year)
- * Constant Currency Regional Sales Growth
 ** See Footnote 1 on slide 21
 - KENNAMETAĽ

Underlying performance continues to improve despite slower end-markets



Q4 FY19 sales \$318 million; (4)% organic sales decline YoY on top of 11% growth prior year

- Sales decline** in Americas at (1)%; EMEA at (5)%; AsiaPac at (8)%
- Headwind from FX of (4)% and business days of (1)%
- Quarterly adjusted operating margin increased by 40 bps to 18.3% from 17.9% prior year*

Excluding Aerospace, end-markets softening due primarily to uncertainty in macro environment

- Aerospace posted YoY growth of 12%***; 6th quarter of consecutive double-digit growth
- General Engineering, Energy and Transportation posted YoY sales declines of (2)%, (4)% and (13)%, respectively***
- · Current market conditions are expected to persist through the first half of FY20

Growth and Simplification/Modernization initiatives progressing well

- Major restructuring actions announced on July 11th with intended closure of two plants in Germany and one distribution center
- Simplification/Modernization benefits continue to increase
- · Major portfolio rationalization completed; now normal portfolio management
- High volume product growth initiatives exceeding expectations

* See Footnote 1 on slide 21

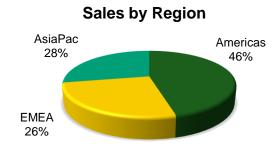
** Constant Currency Regional Sales Growth

*** Constant Currency End-Market Sales Growth



Underlying operational performance continues to improve despite softening macro environment

WIDIA Business Segment Q4 FY19 Highlights



Q4 FY19 sales \$49 million; (3)% organic decline on top of 9% organic growth in prior year

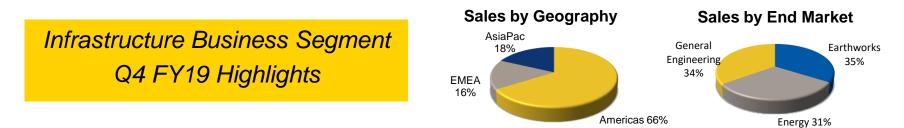
- Regions**: EMEA 3%, Americas (4)%, AsiaPac (13)%
- FX and business days headwinds this quarter: FX (3)% and business days of (2)%
- Quarterly adjusted operating margin decreased 150 bps to 1.8% from 3.3% prior year*
- Margin negatively affected by volume and regional mix, partially offset by price realization

Q4 FY19 regional highlights

- EMEA: 3% growth rate** reflects continuing strength in aerospace
- Americas: Weaker end-market environment and portfolio simplification
- AsiaPac: Decline in transportation in China & India partially offset by growth in new demand streams & aerospace
 - * See Footnote 1 on slide 21 ** Constant Currency Regional Sales Growth



Expanding operating margins – both year-over-year and sequentially



Q4 FY19 sales \$237 million; 1% organic growth on top of 9% growth prior year

- Regions**: AsiaPac 7%; EMEA 5%; Americas (3)%
- Margins negatively affected by headwinds of FX (3)% and business days (1)%
- · Price covered raw material costs for the quarter and the full year, consistent with expectations through the cycle
- Quarterly adjusted operating margin increased by 80 bps to 15.5% from 14.7% prior year*

Underlying end-markets mixed; oil & gas softening, pockets of strength in general engineering and Asia mining

- Quarterly growth*** in general engineering at 12%
- Earthworks and energy sales declined by (4)%*** and (6)%***, respectively

Progress in focus areas: growth and Simplification/Modernization

- Rogers facility performing well post modernization
- Irwin plant closure announced; majority of production being moved to Rogers facility
- · Next phase of Infrastructure modernization underway
- Launched a new powder for down-hole drilling in oil & gas

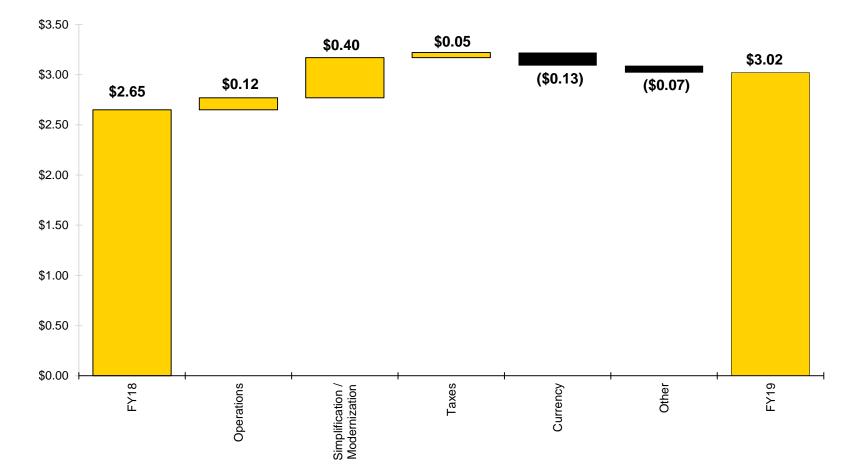
* See Footnote 1 on slide 21

- ** Constant Currency Regional Sales Growth
- *** Constant Currency End Market Sales Growth



Simplification/Modernization delivering increased profitability

FY19 Adjusted EPS Bridge





Improving margins despite slowing end-markets

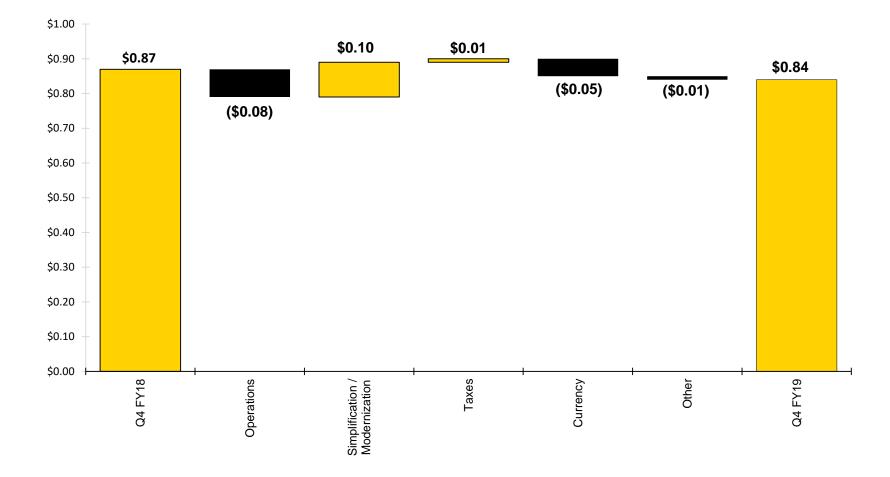
Consolidated Q4 FY19 Financial Overview

		Adjusted	Reported			
Quarter Ended (\$ in millions)	Change from PY	June 30, 2019	June 30, 2018	June 30, 2019	June 30, 2018	
Sales	(7)%	\$604	\$646	\$604	\$646	
Organic		(2)%	10%	(2)%	10%	
FX		(4)%	3%	(4)%	3%	
Business Days		(1)%	1%	(1)%	1%	
Gross Profit*	(8)%	\$215	\$233	\$214	\$232	
% of sales*	(40) bps	35.6%	36.0%	35.4%	35.9%	
Operating Expense*	(10)%	\$116	\$129	\$116	\$130	
% of sales*	(80) bps	19.2%	20.0%	19.2%	20.1%	
EBITDA	(1)%	\$127	\$128	\$116	\$122	
% of sales	+130 bps	21.0%	19.7%	19.3%	18.8%	
Operating Income*	(4)%	\$95	\$99	\$85	\$94	
% of sales*	+40 bps	15.8%	15.4%	14.1%	14.5%	
Effective Tax Rate	(110) bps	21.0%	22.1%	21.0%	21.1%	
EPS (Earnings per Diluted Share)	(3)%	\$0.84	\$0.87	\$0.74	\$0.83	

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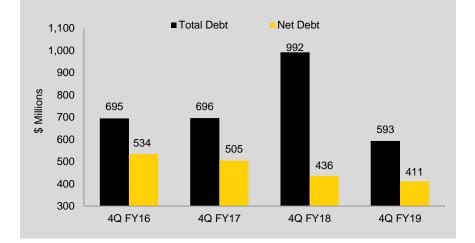
Simplification/Modernization benefits increasing

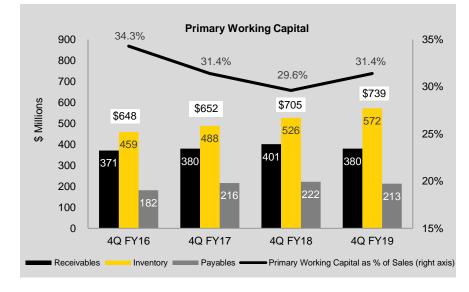
Q4 FY19 Adjusted EPS Bridge

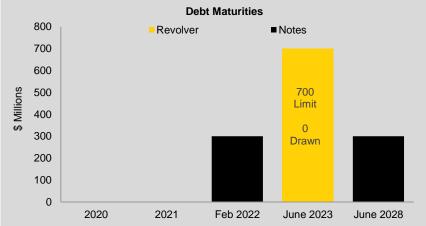




Strong balance sheet & positive FOCF despite higher capital spend







Consolidated Results (\$ in millions)	4Q FY19	4Q FY18
Net Cash Provided by Operating Activities*	\$143	\$119
Capital Expenditures*	\$66	\$65
Free Operating Cash Flow (FOCF)	\$84	\$66
Dividends	(\$16)	(\$16)

* See Footnote 2 on Slide 21



Outlook for Fiscal 2020

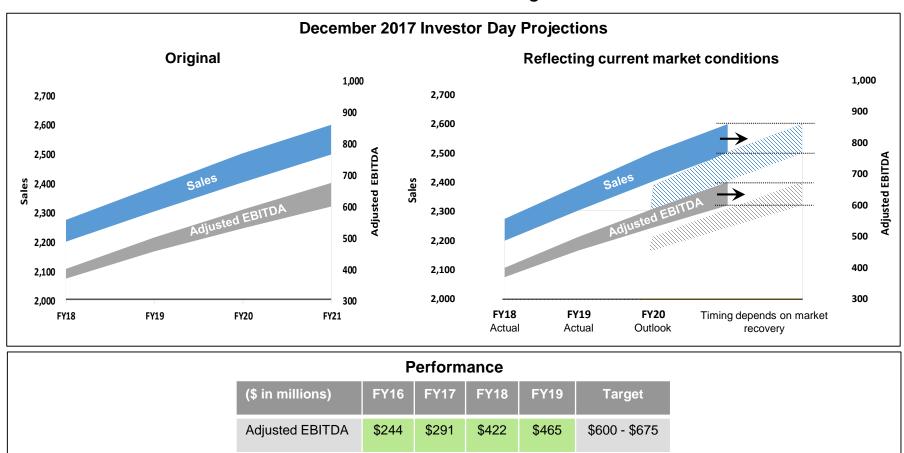
Organic Sales Growth	(2)% - 2%
Effective Tax Rate	21% - 23%
Adjusted EPS	\$2.80 - \$3.20
Capital Spending	\$240M - \$260M
Free Operating Cash Flow	\$75M - \$100M

Factors impacting FY20 quarterly pattern

- End-markets expected to be soft in 1H; modest recovery in 2H based on transportation and energy
- Working through higher cost inventory in 1H while indexed sales contracts reset
- Benefits from intended plant closures and modernization back-end loaded, as facilities close and disruption costs abate



Sales and Adjusted EBITDA Trajectory vs. December 2017



14%

18%

Met or exceeded projections

12%

20%

24% - 26%

Recent market slowdown driving revenue shift



~% of sales

Strengthening foundation for continued improved performance

Summary of Results

- Strong FY19 results; adjusted EBITDA margins increasing to ~20%
- Solid Q4 FY19, adjusted EPS in-line with outlook, despite slowing end-market environment in Q4 and continuing headwinds of FX and tariffs
- Softening end-market environment expected to continue through first half of FY20
- Delivering on Simplification/Modernization initiatives
 - FY19 Simplification/Modernization benefits increased significantly over FY18
 - Next phase of restructuring actions announced demonstrates continued progress
 - Benefits from restructuring expected to accelerate in 2H FY20
- Delivering on structural cost savings; adjusted EBITDA target subject to timing of market recovery
- Continued focus and progress on margin improvement actions results in a more profitable and competitive company, with more improvements to come



Appendix



Adjusted Segment Results

Period ending June 30, 2019 (\$ in millions)		Quarte	er					
	Industrial	WIDIA	Infrastructure	Total	Industrial	WIDIA	Infrastructure	Total
Sales	\$318	\$49	\$237	\$604	\$1,274	\$198	\$903	\$2,375
Organic	(4)%	(3)%	1%	(2)%	2%	3%	5%	3%
FX	(4)%	(3)%	(3)%	(4)%	(3)%	(4)%	(2)%	(3)%
Business Days	(1)%	(2)%	(1)%	(1)%	-	-	-	-
Constant Currency Regional Growt	h (Decline):							
Americas	(1)%	(4)%	(3)%	(2)%	7%	-	5%	5%
EMEA	(5)%	3%	5%	(3)%	1%	7%	5%	2%
Asia Pacific	(8)%	(13)%	7%	(4)%	(1)%	5%	6%	2%
Constant Currency End-market Gro	wth (Decline):							
Energy	(4)%	n/a	(6)%	(6)%	1%	n/a	7%	5%
General Engineering*	(2)%	(5)%	12%	1%	5%	3%	12%	7%
Transportation	(13)%	n/a	n/a	(13)%	(5)%	n/a	n/a	(5)%
Aerospace & Defense	12%	n/a	n/a	12%	16%	n/a	n/a	16%
Earthworks	n/a	n/a	(4)%	(4)%	n/a	n/a	(3)%	(3)%
Adjusted Operating Income	\$58	\$1	\$37	\$95	\$234	\$5	\$109	\$346
Adjusted Operating Margin	18.3%	1.8%	15.5%	15.8%	18.4%	2.8%	12.1%	14.6%

* all WIDIA sales are classified as general engineering



Consolidated FY19 Financial Results

		Adjusted	Reported				
Year Ended (\$ in millions)	Change from PY	June 30, 2019	June 30, 2018	June 30, 2019	June 30, 2018		
Sales	-	\$2,375	\$2,368	\$2,375	\$2,368		
Organic		3%	12%	3%	12%		
FX		(3)%	4%	(3)%	4%		
Business Days		-	(1)%	-	(1)%		
Gross Profit*	+1%	\$834	\$824	\$831	\$820		
as a % of sales	+30 bps	35.1%	34.8%	35.0%	34.6%		
Operating Expense*	(6)%	\$474	\$503	\$474	\$503		
as a % of sales	(120) bps	20.0%	21.2%	20.0%	21.3%		
EBITDA	+10%	\$465	\$422	\$448	\$406		
as a % of sales	+180 bps	19.6%	17.8%	18.9%	17.1%		
Operating Income*	+13%	\$346	\$306	\$329	\$290		
as a % of sales	+170 bps	14.6%	12.9%	13.8%	12.3%		
Effective Tax Rate	ive Tax Rate (150) bps		22.9%	20.4%	25.4%		
Earnings per Diluted Share (EPS)	+14%	\$3.02	\$2.65	\$2.90	\$2.42		



Balance Sheet

SETS (\$ in millions)	June 2019	June 2018
Cash and cash equivalents	\$182	\$556
Accounts receivable, net	380	401
Inventories	572	526
Other current assets	57	63
Total current assets	\$1,191	\$1,546
Property, plant and equipment, net	935	824
Goodwill and other intangible assets, net	461	478
Other assets	69	77
tal assets	\$2,656	\$2,925
ABILITIES (\$ in millions)		¢400
ABILITIES (\$ in millions) Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities	- 213 249	\$400 222 264
Current maturities of long-term debt, including notes payable Accounts payable		222
Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities	249	222 264
Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities Total current liabilities	249 \$462	222 264 \$886
Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities Total current liabilities Long-term debt	249 \$462 592	222 264 \$886 592
Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities Total current liabilities Long-term debt Other liabilities	249 \$462 592 227	222 264 \$886 592 217
Current maturities of long-term debt, including notes payable Accounts payable Other current liabilities Total current liabilities Long-term debt Other liabilities Total liabilities	249 \$462 592 227 \$1,281	222 264 \$886 592 217 \$1,695



4Q FY19 and Total Year Cash Flow

(\$ in millions)

Consolidated Results	4Q FY19	4Q FY18	FY19	FY18
Net Cash Provided by Operating Activities	\$143	\$119	\$300	\$277
Investing Activities	(\$59)	(\$53)	(\$201)	(\$157)
Financing Activities	(\$15)	\$278	(\$471)	\$247
Effect of Exchange Rate	-	(\$10)	(\$2)	(\$2)
Net Change in Cash	\$69	\$334	(\$374)	\$365
Beginning Cash	\$113	\$222	\$556	\$191
Ending Cash	\$182	\$556	\$182	\$556
Capital Expenditures*	\$66	\$65	\$212	\$171
Free Operating Cash Flow	\$84	\$66	\$99	\$121

* See Footnote 2 on Slide 21



Footnotes

(1) Prior period amounts were restated to reflect the retrospective adoption of ASU No. 2017-07, "Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost" on July 1, 2018.

(2) The Company revised its statement of cash flow for the three months ended June 30, 2018, resulting in an increase of \$23 million to previously reported net cash flow provided by operating activities and a corresponding increase to previously reported net cash flow used for investing activities. The Company has concluded that the impact of the revision was not material to the previously issued interim financial statements. The revision had no impact on the previously issued annual financial statements nor FOCF in any period.

(3) Net of a \$5 million gain from the sale of the Infrastructure segment's Madison, AL manufacturing facility which was previously closed as part of our simplification/modernization restructuring programs.

(4) Net of a \$5 million gain from the sale of the Infrastructure segment's Houston, TX manufacturing facility which was previously closed as part of our legacy restructuring programs.

(5) Additional charge recorded to reflect adjustments to the amounts recorded for the application of a measure of the Tax Cuts and Jobs Act of 2017 (TCJA) requiring a one-time transition tax on previously untaxed accumulated earnings and profits of non-U.S. companies (toll tax) considering regulatory guidance issued through June 30, 2018.

(6) As a result of TCJA, the Company reevaluated its permanent reinvestment assertion in certain jurisdictions, concluding that the unremitted earnings and profits of certain of our non-U.S. subsidiaries and affiliates will no longer be permanently reinvested. This change in assertion required the recognition of a tax charge of \$6 million primarily for foreign withholding and state income taxes.

(7) Net discrete benefits recorded to reflect the effect of regulations and other relevant guidance issued through June 30, 2019 on the toll tax. The toll tax charge is \$71 million.

(8) Non-cash charge associated with the out-of-period impact of recording an adjustment to deferred tax charges associated with intra-entity product transfers.

(9) Net charge recorded to reflect adjustments to the toll tax considering regulatory guidance issued through June 30, 2018.



Non-GAAP Reconciliations

The information presented by the Company contains certain non-GAAP financial measures including organic sales growth, constant currency regional sales growth (decline), constant currency end market sales growth (decline), adjusted gross profit and margin; adjusted operating expense and adjusted operating expense as a percentage of sales; adjusted operating income and margin; adjusted effective tax rate (ETR); adjusted net income attributable to Kennametal; adjusted earnings per diluted share (EPS); adjusted earnings before interest, taxes, depreciation and amortization (EBITDA); adjusted Industrial operating income and margin; adjusted Widia operating income and margin; adjusted Infrastructure operating income and margin; free operating cash flow (FOCF); net debt; and primary working capital (PWC).

Kennametal management believes that presentation of these non-GAAP financial measures provides useful information about the results of operations of the Company for the current, past and future periods. Management believes that investors should have available the same information that management uses to assess operational performance, determine compensation and assess the capital structure of the Company. These Non-GAAP financial measures should not be considered in isolation or as a substitute for the most comparable GAAP measures. Investors are cautioned that non-GAAP financial measures utilized by the Company may not be comparable to non-GAAP financial measures used by other companies.

Reconciliations to the most directly comparable GAAP financial measures for the following forward-looking non-GAAP financial measures for full fiscal year of 2019 are not presented, including but not limited to: adjusted EPS, organic sales growth, adjusted ETR and FOCF. The most comparable GAAP measures are EPS, sales growth, ETR and net cash flow from operating activities, respectively. Because the non-GAAP financial measures on a forward-looking basis are subject to uncertainty and variability as they are dependent on many factors - including, but not limited to, the effect of foreign currency exchange fluctuations, impacts from potential acquisitions or divestitures, gains or losses on the potential sale of businesses or other assets, restructuring costs, asset impairment charges, gains or losses from early extinguishment of debt, the tax impact of the items above and the impact of tax law changes or other tax matters - reconciliations to the most directly comparable forward-looking GAAP financial measures are not available without unreasonable effort.

Accordingly, we have compiled below certain definitions and reconciliations as required by Regulation G.

Adjusted Gross Profit and Margin, Adjusted Operating Expense, Adjusted Operating Expense as a Percentage of Sales, Adjusted Operating Income and Margin, Adjusted ETR, Adjusted Net Income Attributable to Kennametal and Adjusted EPS

The following GAAP financial measures have been presented on an adjusted basis: gross profit and margin, operating expense, operating expense as a percentage of adjusted sales, operating income (loss) and margin, ETR, net income and EPS. Detail of these adjustments is included in the reconciliations following these definitions. Management adjusts for these items in measuring and compensating internal performance to more readily compare the Company's financial performance period-to-period.

Organic Sales Growth (Decline)

Organic sales growth (decline) is a non-GAAP financial measure of sales growth (decline) (which is the most directly comparable GAAP measure) excluding the impacts of acquisitions⁽¹⁰⁾, divestitures⁽¹¹⁾, business days⁽¹²⁾ and foreign currency exchange⁽¹³⁾ from year-over-year comparisons. Management believes this measure provides investors with a supplemental understanding of underlying sales trends by providing sales growth (decline) on a consistent basis. Also, we report organic sales growth (decline) at the consolidated and segment levels.

Constant Currency Regional Sales Growth (Decline)

Constant currency regional sales growth (decline) is a non-GAAP financial measure of sales growth (decline) (which is the most directly comparable GAAP measure) by region excluding the impacts of acquisitions⁽¹⁰⁾, divestitures⁽¹¹⁾ and foreign currency exchange⁽¹³⁾ from year-over-year comparisons. We note that, unlike organic sales growth (decline), constant currency regional sales growth (decline) does not exclude the impact of business days. We believe this measure provides investors with a supplemental understanding of underlying regional trends by providing regional sales growth (decline) on a consistent basis. Also, we report constant currency regional sales growth (decline) at the consolidated and segment levels.



Constant Currency End Market Sales Growth (Decline)

Constant currency end market sales growth (decline) is a non-GAAP financial measure of sales growth (decline) (which is the most directly comparable GAAP measure) by end market excluding the impacts of acquisitions⁽¹⁰⁾, divestitures⁽¹¹⁾ and foreign currency exchange⁽¹³⁾ from year-over-year comparisons. We note that, unlike organic sales growth (decline), constant currency end market sales growth (decline) does not exclude the impact of business days. We believe this measure provides investors with a supplemental understanding of underlying end market trends by providing end market sales growth (decline) on a consistent basis. Also, we report constant currency end market sales growth (decline) at the consolidated and segment levels.

EBITDA

EBITDA is a non-GAAP financial measure and is defined as net income attributable to Kennametal (which is the most directly comparable GAAP measure), with interest expense, interest income, provision for income taxes, depreciation and amortization added back. Management believes that EBITDA is widely used as a measure of operating performance and is an important indicator of the Company's operational strength and performance. Nevertheless, the measure should not be considered in isolation or as a substitute for operating income, cash flows from operating activities or any other measure for determining liquidity that is calculated in accordance with GAAP. Additionally, Kennametal will present EBITDA on an adjusted basis. Management uses this information in reviewing operating performance.

Free Operating Cash Flow

FOCF is a non-GAAP financial measure and is defined by the Company as cash provided by operations (which is the most directly comparable GAAP measure) less capital expenditures, plus proceeds from disposals of fixed assets. Management considers FOCF to be an important indicator of the Company's cash generating capability because it better represents cash generated from operations that can be used for dividends, debt repayment, strategic initiatives, and other investing and financing activities.

Net Debt

Net debt is a non-GAAP financial measure and is defined by the Company as total debt less cash and cash equivalents. The most directly comparable GAAP financial measure is total debt. Management believes that net debt aids in the evaluation of the Company's financial condition.

Primary Working Capital

Primary working capital is a non-GAAP financial measure and is defined as accounts receivable, net plus inventories, net minus accounts payable. The most directly comparable GAAP measure is working capital, which is defined as current assets less current liabilities. We believe primary working capital better represents Kennametal's performance in managing certain assets and liabilities controllable at the segment level and is used as such for internal performance measurement.

⁽¹⁰⁾ Acquisition impact is calculated by dividing current period sales attributable to acquired businesses by prior period sales.

⁽¹¹⁾ Divestiture impact is calculated by dividing prior period sales attributable to divested businesses by prior period sales.

⁽¹²⁾ Business days impact is calculated by dividing the year-over-year change in weighted average working days (based on mix of sales by country) by prior period weighted average working days.

⁽¹³⁾ Foreign currency exchange impact is calculated by dividing the difference between current period sales at prior period foreign exchange rates and prior period sales by prior period sales.



(\$ in millions, except per share data and			Gross Operating Profit Expense		perating	Ο	perating	Effective	Diluted		
percents)	Sales				Expense		Income		Tax Rate	EPS	
Q4 FY19 Reported Results	\$	603.9	\$	213.7	\$	116.1	\$	85.0	21.0%	\$	0.74
Reported Margins				35.4%		19.2%		14.1%			
Restructuring and related charges ⁽³⁾		-		1.1		(0.2)		10.3	(1.3)		0.11
Release of valuation allowance on Australian											
deferred tax assets		-		-		-		-	1.3		(0.01)
Q4 FY19 Adjusted Results	\$	603.9	\$	214.8	\$	115.9	\$	95.3	21.0%	\$	0.84
Q4 FY19 Adjusted Margins				35.6%		19.2%		15.8%			

(\$ in millions, except per share data and percents)	Sales		Gross Profit ⁽¹⁾		Operating Expense ⁽¹⁾		Operating Income ⁽¹⁾		Effective Tax Rate	Diluted EPS	
Q4 FY18 Reported Results	\$	646.1	\$	232.3	\$	129.9	\$	93.7	21.1%	\$	0.83
Reported Margins				35.9%		20.1%		14.5%			
Restructuring and related charges ⁽⁴⁾		-		0.3		(0.4)		5.8	(1.3)		0.07
Discrete benefit from tax reform ⁽⁵⁾		-		-		-		-	2.3		(0.03)
Q4 FY18 Adjusted Results	\$	646.1	\$	232.6	\$	129.5	\$	99.5	22.1%	\$	0.87
Q4 FY18 Adjusted Margins				36.0%		20.0%		15.4%			



(\$ in millions, except per share data and percents)	Sales	Gross Profit	Dperating Expense	perating ncome	Effective Tax Rate	0	Diluted EPS
FY19 Reported Results	\$ 2,375.2	\$ 831.5	\$ 474.2	\$ 328.9	20.4%	\$	2.90
Reported Margins		35.0%	20.0%	13.8%			
Restructuring and related charges	-	2.5	(0.3)	16.9	(0.3)		0.17
Tax charge from change in permanent							
reinvestment assertion ⁽⁶⁾	-	-	-	-	(2.0)		0.07
Net discrete effects from tax reform ⁽⁷⁾	-	-	-	-	3.0		(0.11)
Release of valuation allowance on Australia							
deferred tax assets	-	-	-	-	0.3		(0.01)
FY19 Adjusted Results	\$ 2,375.2	\$ 834.0	\$ 473.9	\$ 345.7	21.4%	\$	3.02
FY19 Adjusted Margins		35.1%	20.0%	14.6%			

(\$ in millions, except per share data and			•		Operating		perating	Effective	Diluted	
percents)	Sales				Expense ⁽¹⁾		Income ⁽¹⁾		Tax Rate	EPS
FY18 Reported Results	\$	2,367.9	\$	820.1	\$	503.2	\$	290.3	25.4%	\$ 2.42
Reported Margins				34.6%		21.3%		12.3%		
Restructuring and related charges		-		3.5		(0.5)		15.9	(0.4)	0.16
Impact of out of period adjustment to										
provision for income taxes ⁽⁸⁾		-		-		-		-	(1.9)	0.06
Net discrete effects of tax reform ⁽⁹⁾		-		-		-		-	(0.2)	0.01
FY18 Adjusted Results	\$	2,367.9	\$	823.6	\$	502.8	\$	306.2	22.9%	\$ 2.65
FY18 Adjusted Margins				34.8%		21.2%		12.9%		



		FY 15	FY 16		FY 17	I	FY 18		FY ′	19	
Reported Sales	\$	2,647.2	\$ 2,098.4	\$	2,058.4	\$	2,367.9	\$	2,3	75.2	
Reported CAGR from FY16										4%	
Operations of divested businesses		(242.6)	(82.5)		-		-			-	
Adjusted Sales	\$	2,404.6	\$ 2,015.9	\$	2,058.4	\$	2,367.9	\$	2,3	75.2	
Adjusted CAGR from FY16										6%	
(\$ in millions)	I	FY 15	FY 16		FY 17		FY	18		F`	Y 19
Net income attributable to Kennametal, reported	\$	(373.9)	\$ (226.0))	\$ 4	19.1	\$	200).2	\$	241.9
Add back:											
Interest expense		31.5	27.8	;	2	28.8		30).1		33.0
Interest income		(2.6)	(1.7)	((1.0))	(:	3.0)		(2.1)
Provision for income taxes, reported		(16.7)	25.3	5	2	29.9		7(0.0		63.4
Depreciation		105.0	96.7	,	g	91.1		94	4.0		97.6
Amortization		26.7	20.8	;	1	16.6		14	4.7		14.4
EBITDA	\$	(230.1)	\$ (57.1)	\$ 21	14.5	\$	40	5.9	\$	448.2
Margin		-8.7%	-2.7%	6	10).4%	, D	17.	1%		18.9%
CAGR from FY16											-299%
Adjustments:											
Restructuring and related charges		58.1	53.5	;	7	76.2		1:	5.9		16.9
Fixed asset disposal charges		-	5.4	Ļ		-			-		-
Loss on divestiture and related charges		-	131.5	;		-			-		-
Goodwill and other intangible asset impairment charges		541.7	108.5	;		-			-		-
Operations of divested businesses		(7.0)	1.9)		-			-		-
Adjusted EBITDA	\$	362.8	\$ 243.6	;	\$ 29	90.8	\$	42 ⁻	1.8	\$	465.1
Adjusted Margin		15.1%	12.1%	6	14	1.1%	, 0	17	8%		19.6%
Adjusted CAGR from FY16											24%



	Three	e months ende	ed June 30,
(\$ in millions)		2019	2018
Net income attributable to Kennametal, reported	\$	62.0 \$	68.5
Add back:			
Interest expense		8.7	8.2
Interest income		(0.4)	(1.5)
Provision for income taxes, reported		16.8	18.8
Depreciation		25.6	24.0
Amortization		3.6	3.6
EBITDA	\$	116.3 \$	121.7
Margin		19.3%	18.8%
Adjustments:			
Restructuring and related charges		10.3	5.8
Adjusted EBITDA	\$	126.6 \$	127.5
Adjusted Margin		21.0%	19.7%

	Thr	ee months o	end	ed June 30,	Year ended June 30,				
(\$ in millions)		2019		2018		2019		2018	
Net cash flow from operating activities ⁽²⁾	\$	143.1	\$	119.4	\$	300.5	\$	277.3	
Purchases of property, plant and equipment ⁽²⁾		(66.4)		(65.4)		(212.3)		(171.0)	
Proceeds from disposals of property, plant and equipment		7.7		12.2		11.2		14.4	
Free operating cash flow	\$	84.3	\$	66.2	\$	99.4	\$	120.7	



	FY 16	FY 17	FY 18	FY 19
Reported Diluted (LPS) EPS	\$ (2.83)	\$ 0.61	\$ 2.42	\$ 2.90
Reported CAGR				-201%
Restructuring and related charges	0.50	0.89	0.16	0.17
Tax charge from change in permanent reinvestment				
assertion ⁽⁶⁾	-	-	-	0.07
Net discrete effects from tax reform ^{(7), (9)}	-	-	0.01	(0.11)
Release of valuation allowance on Australia deferred tax				
assets	-	-	-	(0.01)
Impact of out of period adjustment to provision for				
income taxes ⁽⁸⁾	-	-	0.06	-
Australia deferred tax valuation allowance	-	0.02	-	-
Goodwill and other intangible asset impairment charges	0.96	-	-	-
Loss on divestiture and related charges	1.39	-	-	-
Fixed asset disposal charges	0.05	-	-	-
Operations of divested businesses	0.02	-	-	-
U.S. deferred tax valuation allowance	1.02	-	-	-
Adjusted EPS	\$ 1.11	\$ 1.52	\$ 2.65	3.02
Adjusted CAGR				40%



(¢ in millions, except percents)	Ir	dustrial	Industrial Operating	WIDIA	/1	WIDIA Operating	Inf	rastructure	Ir	frastructure Operating
(\$ in millions, except percents)		Sales	Income	Sales	(L	.oss) Income		Sales		Income
Q4 FY19 Reported Results	\$	318.0	\$ 47.4	\$ 48.9	\$	(0.9)	\$	237.0	\$	39.1
Reported Operating Margin			14.9%			-1.9%				16.5%
Restructuring and related charges ⁽³⁾		-	10.9	-		1.8		-		(2.4)
Q4 FY19 Adjusted Results	\$	318.0	\$ 58.3	\$ 48.9	\$	0.9	\$	237.0	\$	36.6
Q4 FY19 Adjusted Operating Margin			18.3%			1.8%				15.5%

			I	ndustrial		WIDIA			lr	nfrastructure
	Ir	dustrial		perating	WIDIA	Operating	Inf	rastructure		Operating
(\$ in millions, except percents)		Sales		ncome ⁽¹⁾	Sales	Income ⁽¹⁾		Sales		Income ⁽¹⁾
Q4 FY18 Reported Results	\$	349.2	\$	54.2	\$ 53.4	\$ 1.5	\$	243.6	\$	38.7
Reported Operating Margin				15.5%		2.8%				15.9%
<u>Restructuring and related charges⁽⁴⁾</u>		-		8.2	-	0.3		-		(2.8)
Q4 FY18 Adjusted Results	\$	349.2	\$	62.4	\$ 53.4	\$ 1.8	\$	243.6	\$	35.8
Q4 FY18 Adjusted Operating Margin				17.9%		3.3%				14.7%

			Inf	rastructure
	Inf	rastructure	C	Operating
		Sales		Income
Q3 FY19 Reported Results	\$	227.6	\$	24.9
Reported Operating Margin				11.0%
Restructuring and related charges		-		1.8
Q3 FY19 Adjusted Results	\$	227.6	\$	26.7
Q3 FY19 Adjusted Operating Margin				11.7%



(\$ in millions, except percents)	Ir	idustrial Sales	ndustrial Dperating Income	WIDIA Sales	WIDIA Operating Income	Inf	rastructure Sales	Ir	nfrastructure Operating Income
FY19 Reported Results	\$	1,274.5	\$ 220.7	\$ 197.5	\$ 2.9	\$	903.2	\$	108.5
Reported Operating Margin			17.3%		1.5%				12.0%
Restructuring and related charges		-	13.6	-	2.6		-		0.7
FY19 Adjusted Results	\$	1,274.5	\$ 234.3	\$ 197.5	\$ 5.5	\$	903.2	\$	109.2
FY19 Adjusted Operating Margin			18.4%		2.8%				12.1%

(\$ in millions, except percents)	In	ndustrial Sales	0	ndustrial perating ncome ⁽¹⁾	WIDIA Sales	WIDIA Operating Income ⁽¹⁾	Inf	frastructure Sales	Ir	nfrastructure Operating Income ⁽¹⁾
FY18 Reported Results	\$	1,292.1	\$	177.0	\$ 198.6	\$ 2.9	\$	877.2	\$	113.0
Reported Operating Margin				13.7%		1.5%				12.9%
Restructuring and related charges		-		13.4	-	1.3		-		1.0
FY18 Adjusted Results	\$	1,292.1	\$	190.4	\$ 198.6	\$ 4.2	\$	877.2	\$	114.0
FY18 Adjusted Operating Margin				14.7%		2.1%				13.0%



Three months ended June 30, 2019:	Industrial	Widia	Infrastructure	Kennametal
Organic Sales (Decline) Growth	(4%)	(3%)	1%	(2%)
Foreign Currency Exchange Impact	(4%)	(3%)	(3%)	(4%)
Business Days Impact	(1%)	(2%)	(1%)	(1%)
Sales Decline	(9%)	(8%)	(3%)	(7%)

Three months ended June 30, 2018:	Industrial	Widia	Infrastructure	Kennametal
Organic Sales Growth	11%	9%	9%	10%
Foreign Currency Exchange Impact	4%	2%	2%	3%
Business Days Impact	1%	1%	1%	1%
Sales Growth	16%	12%	12%	14%

Year ended June 30, 2019	Industrial	Widia	Infrastructure	Kennametal
Organic Sales Growth	2%	3%	5%	3%
Foreign Currency Exchange Impact	(3%)	(4%)	(2%)	(3%)
Sales (Decline) Growth	(1%)	(1%)	3%	0%

Year ended June 30, 2018:	Industrial	Widia	Infrastructure	Kennametal
Organic Sales Growth	11%	9%	15%	12%
Foreign Currency Exchange Impact	5%	3%	2%	4%
Business Days Impact	(1%)	0%	(1%)	(1%)
Sales Growth	15%	12%	16%	15%



Industrial]		
Three months ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales decline	(1%)	(5%)	(8%)
Foreign currency exchange impact	(1%)	(8%)	(5%)
Regional sales growth (decline)	(2%)	(13%)	(13%)
Widia	1		
Three months ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales (decline) growth	(4%)	3%	(13%)
Foreign currency exchange impact	(1%)	(7%)	(4%)
Regional sales decline	(5%)	(4%)	(17%)
Infrastructure	1		
Three months ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales (decline) growth	(3%)	5%	7%
Foreign currency exchange impact	0%	(9%)	(6%)
Regional sales (decline) growth	(3%)	(4%)	1%
Kennametal]		
Three months ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales decline	(2%)	(3%)	(4%)
Foreign currency exchange impact	(1%)	(7%)	(5%)
Regional sales decline	(3%)	(10%)	(9%)



Industrial	7		
Year ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales growth (decline)	7%	1%	(1%)
Foreign currency exchange impact	(3%)	(6%)	(4%)
Regional sales growth (decline)	4%	(5%)	(5%)
Widia	7		
Year ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales growth	0%	7%	5%
Foreign currency exchange impact	(1%)	(7%)	(6%)
Regional sales decline	(1%)	0%	(1%)
Infrastructure	7		
Year ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales growth	5%	5%	6%
Foreign currency exchange impact	(1%)	(6%)	(4%)
Regional sales growth (decline)	4%	(1%)	2%
Kennametal	7		
Year ended June 30, 2019:	Americas	EMEA	Asia Pacific
Constant currency regional sales growth	5%	2%	2%
Foreign currency exchange impact	(1%)	(6%)	(4%)
Regional sales growth (decline)	4%	(4%)	(2%)



Industrial					
	General		Aerospace		
Three months ended June 30, 2019:	Engineering	Transportation	and Defense	Energy	
Constant currency end market sales (decline) growth	(2%)	(13%)	12%	(4%)	
Foreign currency exchange impact	(5%)	(4%)	(4%)	(3%)	
End market sales (decline) growth	(7%)	(17%)	8%	(7%)	=
Widia]				
	General				
Three months ended June 30, 2019:	Engineering	_			
Constant currency end market sales decline	(5%)				
Foreign currency exchange impact	(3%)				
End market sales decline	(8%)	_			
Infrastructure]				
			General		
Three months ended June 30, 2019:	Energy	Earthworks	Engineering]	
Constant currency end market sales (decline) growth	(6%)	(4%)	12%		
Foreign currency exchange impact	(1%)	(4%)	(3%)		
End market sales (decline) growth	(7%)	(8%)	9%	_	
Kennametal					
			General		Aerospace
Three months ended June 30, 2019:	Energy	Earthworks	Engineering	Transportation	and Defense
Constant currency end market sales (decline) growth	(6%)	(4%)	1%	(13%)	12%
Foreign currency exchange impact	(1%)	(4%)	(4%)	(4%)	(4%)
End market sales (decline) growth	(7%)	(8%)	(3%)	(17%)	8%



Industrial					
	General		Aerospace		
Year ended June 30, 2019:	Engineering	Transportation	and Defense	e Energy	
Constant currency end market sales growth (decline)	5%	(5%)	16%	1%	
Foreign currency exchange impact	(3%)	(4%)	(4%)	(3%)	
End market sales growth (decline)	2%	(9%)	12%	(2%)	
Widia]				
	General				
Year ended June 30, 2019:	Engineering	_			
Constant currency end market sales growth	3%				
Foreign currency exchange impact	(4%)	_			
End market sales decline	(1%)	=			
Infrastructure					
			General		
Year ended June 30, 2019:	Energy	Earthworks	Engineering	g	
Constant currency end market sales growth (decline)	7%	(3%)	12%		
Foreign currency exchange impact	(1%)	(3%)	(2%)		
End market sales growth (decline)	6%	(6%)	10%		
Kennametal					
			General		Aerospace
Year ended June 30, 2019:	Energy	Earthworks	Engineering	Transportation	and Defense
Constant currency end market sales growth (decline)	5%	(3%)	7%	(5%)	16%
Foreign currency exchange impact	(1%)	(3%)	(4%)	(4%)	(4%)
End market sales growth (decline)	4%	(6%)	3%	(9%)	12%



(in thousands, except percents)	6	/30/2019	3	/31/2019	1:	2/31/2018	9	/30/2018	6	/30/2018	Average
Current assets	\$	1,190,827	\$	1,162,842	\$	1,119,034	\$	1,121,482	\$	1,546,166	
Current liabilities		461,726		430,018		412,053		439,171		886,531	
Working capital, GAAP	\$	729,101	\$	732,824	\$	706,981	\$	682,311	\$	659,635	
Excluding items:											
Cash and cash equivalents		(182,015)		(112,597)		(96,276)		(102,084)		(556,153)	
Other current assets		(57,381)		(58,221)		(63,509)		(63,461)		(63,257)	
Total excluded current assets		(239,396)		(170,818)		(159,785)		(165,545)		(619,410)	
Adjusted current assets		951,431		992,024		959,249		955,937		926,756	
Current maturities of long-term debt											
and capital leases, including notes											
payable		(157)		-		(3,371)		(756)		(400,200)	
Other current liabilities		(248,661)		(224,949)		(210,332)		(217,528)		(264,428)	
Total excluded current liabilities		(248,818)		(224,949)		(213,703)		(218,284)		(664,628)	
Adjusted current liabilities		212,908		205,069		198,350		220,887		221,903	
Primary working capital	\$	738,523	\$	786,955	\$	760,899	\$	735,050	\$	704,853	\$ 745,256
						Three Mon	ths	Ended			
			6	/30/2019	3	8/31/2019	12	2/31/2018	9	/30/2018	Total
Sales			\$	603,949	\$	597,204	\$	587,394	\$	586,687	\$ 2,375,234
Primary working capital as a percentage	ge of	sales									 31.4%

Net Debt		Three months ended													
(in millions)	6/3	0/2019	80/2018	6/3	30/2017	6/30/2016									
Total debt (gross)	\$	592.6	\$	991.7	\$	695.9	\$	695.4							
Less: cash and cash equivalents		182.0		556.2		190.6		161.6							
Net debt	\$	410.6	\$	435.6	\$	505.3	\$	533.9							



(in thousands, except percents)	6	/30/2018	3	/31/2018	1:	2/31/2017	9	/30/2017	6	/30/2017		Average
Current assets	\$	1,546,166	\$	1,240,587	\$	1,128,382	\$	1,075,915	\$	1,113,901		
Current liabilities		886,531		477,790		407,621		396,967		461,478		
Working capital, GAAP	\$	659,635	\$	762,797	\$	720,761	\$	678,948	\$	652,423		
Excluding items:												
Cash and cash equivalents		(556,153)		(221,906)		(159,940)		(110,697)		(190,629)		
Other current assets		(63,257)		(70,926)		(68,057)		(64,874)		(55,166)		
Total excluded current assets		(619,410)		(292,832)		(227,997)		(175,571)		(245,795)		
Adjusted current assets		926,756		947,755		900,385		900,344		868,106	•	
Current maturities of long-term debt												
and capital leases, including notes												
payable		(400,200)		(1,399)		(1,360)		(1,252)		(925)		
Other current liabilities		(264,428)		(256,186)		(215,669)		(209,373)		(244,831)		
Total excluded current liabilities		(664,628)		(257,585)		(217,029)		(210,625)		(245,756)		
Adjusted current liabilities		221,903		220,205		190,592		186,342		215,722		
Primary working capital	\$	704,853	\$	727,550	\$	709,793	\$	714,002	\$	652,384	\$	701,716
						Three Mon	ths	Ended				
			6	/30/2018	3	8/31/2018	12	2/31/2017	9	/30/2017		Total
Sales			\$	646,119	\$	607,936	\$	571,345	\$	542,454	\$	2,367,854
Primary working capital as a percentag	e of	sales										29.6%



(in thousands, except percents)	6	/30/2017	3	/31/2017	12	2/31/2016	9	/30/2016	6	/30/2016	ł	Average
Current assets	\$	1,113,901	\$	1,043,046	\$	971,745	\$	991,837	\$	1,075,341		
Current liabilities		461,478		426,799		390,151		402,574		427,275		
Working capital, GAAP	\$	652,423	\$	616,247	\$	581,594	\$	589,263	\$	648,066		
Excluding items:												
Cash and cash equivalents		(190,629)		(100,817)		(102,001)		(119,411)		(161,579)		
Other current assets		(55,166)		(75,061)		(80,375)		(64,660)		(84,016)		
Total excluded current assets		(245,795)		(175,878)		(182,376)		(184,071)		(245,595)		
Adjusted current assets		868,106		867,168		789,369		807,766		829,746		
Current maturities of long-term debt												
and capital leases, including notes												
payable		(925)		(1,591)		(2,263)		(1,381)		(1,895)		
Other current liabilities		(244,831)		(234,367)		(219,008)		(225,189)		(243,341)		
Total excluded current liabilities		(245,756)		(235,958)		(221,271)		(226,570)		(245,236)		
Adjusted current liabilities		215,722		190,841		168,880		176,004		182,039		
Primary working capital	\$	652,384	\$	676,327	\$	620,489	\$	631,762	\$	647,707	\$	645,734
						Three Mon	ths	Ended				
			6	/30/2017	3	/31/2017	12	2/31/2016	9/30/2016		Total	
Sales			\$	565,025	\$	528,630	\$	487,573	\$	477,140	\$ 2	2,058,368
Primary working capital as a percentag	e ol	sales										31.4%



(in thousands, except percents)	6	/30/2016	3	/31/2016	12	2/31/2015	9	/30/2015	6	6/30/2015	Average
Current assets	\$	1,075,341	\$	1,099,260	\$	1,062,992	\$	1,168,511	\$	1,258,546	
Current liabilities		427,275		421,415		394,983		438,406		482,744	
Working capital, GAAP	\$	648,066	\$	677,845	\$	668,009	\$	730,105	\$	775,802	
Excluding items:											
Cash and cash equivalents		(161,579)		(136,564)		(138,978)		(97,199)		(105,494)	
Other current assets		(84,016)		(111,479)		(113,113)		(120,583)		(132,148)	
Total excluded current assets		(245,595)		(248,043)		(252,091)		(217,782)		(237,642)	
Adjusted current assets		829,746		851,217		810,901		950,729		1,020,904	
Current maturities of long-term debt											
and capital leases, including notes											
payable		(1,895)		(4,140)		(5,942)		(25,285)		(15,702)	
Other current liabilities		(243,341)		(247,943)		(237,444)		(235,385)		(279,661)	
Total excluded current liabilities		(245,236)		(252,083)		(243,386)		(260,670)		(295,363)	
Adjusted current liabilities		182,039		169,332		151,597		177,736		187,381	
Primary working capital	\$	647,707	\$	681,885	\$	659,304	\$	772,993	\$	833,523	\$ 719,082
						Three Mon	ths	Ended			
			6	/30/2016	3	/31/2016	12	2/31/2015	g	/30/2015	Total
Sales			\$	521,224	\$	497,837	\$	524,021	\$	555,354	\$ 2,098,436
Primary working capital as a percentag	e o	fsales									 34.3%

