

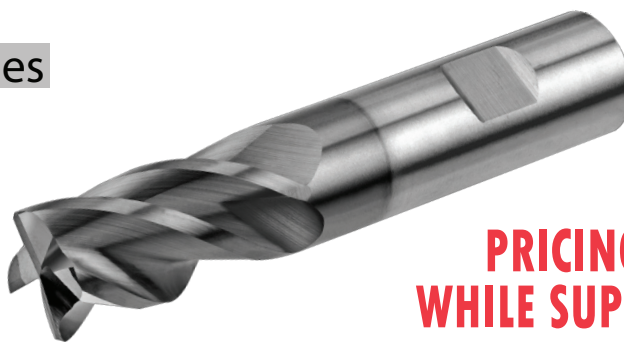
# WIDIA



## 4 Flute WCE4 Series

Grade: WU20PE

- Variable Helix to reduce vibrations and increase overall stability
- Asymmetrical pitch to cut harmonics and reduce vibrations
- Eccentric relief to provide vibration dampening and increase tool life on Steel, Stainless Steel, and Cast Iron materials
- Core taper to increase tool stability and chip evacuation
- Weldon shanks on 1/2 and larger diameters



**PRICING VALID  
WHILE SUPPLIES LAST!**

ITEM ID	DIA	SHANK DIA	LOC	OAL	CORNER STYLE	SHANK STYLE	LIST	SALE
WID 6945540	1/8	1/8	1/4	1-1/2	Sharp	Straight	\$10.94	<b>\$6.15</b>
WID 6945917	1/8	1/8	1/2	2	Sharp	Straight	\$15.52	<b>\$8.73</b>
WID 6945591	3/16	3/16	5/16	2	Sharp	Straight	\$10.94	<b>\$6.15</b>
WID 6945650	3/16	3/16	5/16	2	Radius- .030	Straight	\$12.03	<b>\$6.76</b>
WID 6945593	3/16	3/16	5/8	2-1/4	Sharp	Straight	\$15.52	<b>\$8.73</b>
WID 6945655	3/16	3/16	5/8	2-1/4	Radius- .030	Straight	\$17.07	<b>\$9.60</b>
WID 6945592	1/4	1/4	3/8	2	Sharp	Straight	\$18.54	<b>\$10.43</b>
WID 6945652	1/4	1/4	3/8	2	Radius- .030	Straight	\$20.39	<b>\$11.46</b>
WID 6945595	1/4	1/4	3/4	2-1/2	Sharp	Straight	\$21.05	<b>\$11.84</b>
WID 6945657	1/4	1/4	3/4	2-1/2	Radius- .030	Straight	\$23.15	<b>\$13.02</b>
WID 6945584	3/8	3/8	1/2	2	Sharp	Straight	\$29.68	<b>\$16.70</b>
WID 6945673	3/8	3/8	1/2	2	Radius- .030	Straight	\$32.65	<b>\$18.36</b>
WID 6945586	3/8	3/8	7/8	2-1/2	Sharp	Straight	\$36.51	<b>\$20.53</b>
WID 6945680	3/8	3/8	7/8	2-1/2	Radius- .030	Straight	\$40.15	<b>\$22.58</b>
WID 6945697	1/2	1/2	5/8	2-1/2	Sharp	Weldon	\$56.03	<b>\$31.51</b>
WID 6945817	1/2	1/2	5/8	2-1/2	Radius- .030	Weldon	\$61.63	<b>\$34.66</b>
WID 6945712	1/2	1/2	1-1/4	3	Sharp	Weldon	\$57.20	<b>\$32.18</b>
WID 6945852	1/2	1/2	1-1/4	3	Radius- .030	Weldon	\$62.92	<b>\$35.39</b>
WID 6945713	5/8	5/8	1-1/4	3-1/2	Sharp	Weldon	\$105.30	<b>\$59.23</b>
WID 6945856	5/8	5/8	1-1/4	3-1/2	Radius- .030	Weldon	\$115.83	<b>\$65.15</b>
WID 6945717	5/8	5/8	1-5/8	4-1/8	Sharp	Weldon	\$145.79	<b>\$82.00</b>
WID 6945871	5/8	5/8	1-5/8	4-1/8	Radius- .030	Weldon	\$160.37	<b>\$90.20</b>
WID 6945699	3/4	3/4	7/8	3-1/2	Sharp	Weldon	\$126.84	<b>\$71.35</b>
WID 6945844	3/4	3/4	7/8	3-1/2	Radius- .030	Weldon	\$133.18	<b>\$74.91</b>
WID 6945714	3/4	3/4	1-1/2	4	Sharp	Weldon	\$150.11	<b>\$84.43</b>
WID 6945859	3/4	3/4	1-1/2	4	Radius- .030	Weldon	\$165.12	<b>\$92.88</b>

### Affordable Performance:

### Reliable:

Geometry and coating are designed to provide consistent tool life even when machining small batches of different materials.

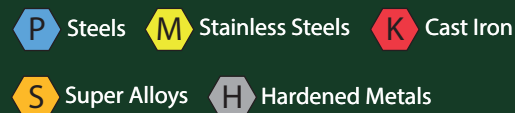
### Versatile:

Capable of working on multiple materials, such as steel, stainless steel, and cast iron.

### Applications



### Workpiece Materials



## KENNAMETAL® ER Collet Chucks

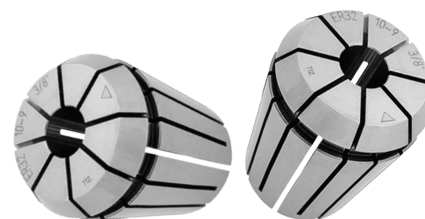


• CAT40 Chucks

*\*PRICING VALID WHILE SUPPLIES LAST!*

ITEM ID	ER COLLET	DESCRIPTION	GAGE LENGTH	SALE
KEN 6693875	ER16	CV40ER16400	4	<b>\$92.20</b>
KEN 1261619	ER32	CV40ER32275	2-3/4	<b>\$86.74</b>
KEN 6693878	ER32	CV40ER32400	4	<b>\$92.20</b>

### ER Collets



#### ER16 COLLETS

ITEM ID	DIA	STYLE	PRICE	SALE
ER160125 (1/8)	1/8	ER16	\$25.50	<b>\$14.03</b>
ER160187 (3/16)	3/16	ER16	\$25.50	<b>\$14.03</b>
ER160250 (1/4)	1/4	ER16	\$25.50	<b>\$14.03</b>
ER160375 (3/8)	3/8	ER16	\$27.20	<b>\$14.96</b>

#### ER32 COLLETS

ITEM ID	DIA	STYLE	PRICE	SALE
ER320125 (1/8)	1/8	ER32	\$31.80	<b>\$17.49</b>
ER320187 (3/16)	3/16	ER32	\$31.80	<b>\$17.49</b>
ER320250 (1/4)	1/4	ER32	\$31.80	<b>\$17.49</b>
ER320375 (3/8)	3/8	ER32	\$31.80	<b>\$17.49</b>
ER320500 (1/2)	1/2	ER32	\$31.80	<b>\$17.49</b>
ER320625 (5/8)	5/8	ER32	\$31.80	<b>\$17.49</b>
ER320750 (3/4)	3/4	ER32	\$31.80	<b>\$17.49</b>



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