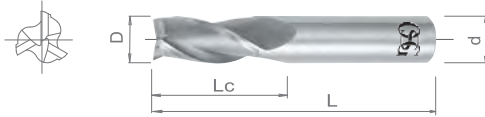


# List 403

OSG STANDARD CARBIDE SQ

<b>SPEED FEED</b> 1402-1405	<b>CARBIDE</b>	<b>BR</b>	<b>TiAlN</b>	<b>3 FLUTE</b>	<b>30°</b>		<b>STUB</b>	<b>REG</b>	<b>LONG</b>	<b>PACKED</b> 1 PIECE
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Cutting Diameter Tolerance	
1/16" ≤ D ≤ 1"	+0 / -0.002"
1mm ≤ D ≤ 25mm	+0 / -0.050mm

EDP Number		Diameter		Length of Cut		Overall Length		Shank Diameter		Surface Treatment
		D (Fractional Size)	D (mm)	Lc (Inch)	Lc (mm)	L (Inch)	L (mm)	d (Inch)	d (mm)	
403-0394	●	-	1.00	-	3.00	-	39.00	-	3.00	BRIGHT
403-039411	●	-	1.00	-	3.00	-	39.00	-	3.00	TiAlN
403-0591	●	-	1.50	-	5.00	-	39.00	-	3.00	BRIGHT
403-059111	●	-	1.50	-	5.00	-	39.00	-	3.00	TiAlN
403-0625	●	1/16	-	0.188	-	1.500	-	0.125	-	BRIGHT
403-062511	●	1/16	-	0.188	-	1.500	-	0.125	-	TiAlN
403-0781	●	5/64	-	0.250	-	1.500	-	0.125	-	BRIGHT
403-078111	●	5/64	-	0.250	-	1.500	-	0.125	-	TiAlN
403-0787	●	-	2.00	-	7.00	-	39.00	-	3.00	BRIGHT
403-078711	●	-	2.00	-	7.00	-	39.00	-	3.00	TiAlN
403-0938	●	3/32	-	0.313	-	1.500	-	0.125	-	BRIGHT
403-093811	●	3/32	-	0.313	-	1.500	-	0.125	-	TiAlN
403-0939	●	3/32	-	0.375	-	1.500	-	0.125	-	BRIGHT
403-0984	●	-	2.50	-	8.00	-	39.00	-	3.00	BRIGHT
403-098411	●	-	2.50	-	8.00	-	39.00	-	3.00	TiAlN
403-1094	●	7/64	-	0.375	-	1.500	-	0.125	-	BRIGHT
403-109411	●	7/64	-	0.375	-	1.500	-	0.125	-	TiAlN
403-1181	●	-	3.00	-	10.00	-	39.00	-	3.00	BRIGHT
403-118111	●	-	3.00	-	10.00	-	39.00	-	3.00	TiAlN
403-1250	●	1/8	-	0.500	-	1.500	-	0.125	-	BRIGHT
403-125011	●	1/8	-	0.500	-	1.500	-	0.125	-	TiAlN
403-1378	●	-	3.50	-	12.00	-	51.00	-	4.00	BRIGHT
403-137811	●	-	3.50	-	12.00	-	51.00	-	4.00	TiAlN
403-1406	●	9/64	-	0.500	-	2.000	-	0.188	-	BRIGHT
403-140611	●	9/64	-	0.500	-	2.000	-	0.188	-	TiAlN
403-1562	●	5/32	-	0.563	-	2.000	-	0.188	-	BRIGHT
403-156211	●	5/32	-	0.563	-	2.000	-	0.188	-	TiAlN
403-1575	●	-	4.00	-	14.00	-	51.00	-	4.00	BRIGHT
403-157511	●	-	4.00	-	14.00	-	51.00	-	4.00	TiAlN
403-1719	●	11/64	-	0.563	-	2.000	-	0.188	-	BRIGHT
403-171911	●	11/64	-	0.563	-	2.000	-	0.188	-	TiAlN
403-1772	●	-	4.50	-	14.00	-	51.00	-	5.00	BRIGHT
403-177211	●	-	4.50	-	14.00	-	51.00	-	5.00	TiAlN
403-1875	●	3/16	-	0.625	-	2.000	-	0.188	-	BRIGHT
403-187511	●	3/16	-	0.625	-	2.000	-	0.188	-	TiAlN
403-1968	●	-	5.00	-	16.00	-	51.00	-	5.00	BRIGHT
403-196811	●	-	5.00	-	16.00	-	51.00	-	5.00	TiAlN
403-2031	●	13/64	-	0.625	-	2.500	-	0.250	-	BRIGHT
403-203111	●	13/64	-	0.625	-	2.500	-	0.250	-	TiAlN
403-2188	●	7/32	-	0.625	-	2.500	-	0.250	-	BRIGHT
403-218811	●	7/32	-	0.625	-	2.500	-	0.250	-	TiAlN
403-2344	●	15/64	-	0.750	-	2.500	-	0.250	-	BRIGHT

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
Note: Other coatings available upon request.



CONTINUED ➔

P					M			K	N		S		H					
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel					
Carbon Steel			Alloy Steel	Die Steel	Aluminum		Nickel Alloy		Titanium									
Low	Medium	High			6061	7075				Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC		
1010	1018	1035	1045	1065	4140	4340	300	400	17-4 PH	6061	7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Good ⊙ Best

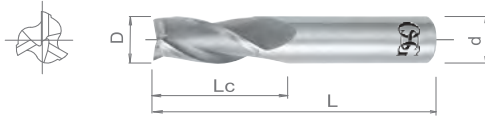




## List 403 (Continued)

OSG STANDARD CARBIDE SQ

<b>SPEED FEED</b> 1402-1405	<b>CARBIDE</b>	<b>BR</b>	<b>TiAIN</b>	<b>3 FLUTE</b>	<b>30°</b>		<b>STUB</b>	<b>REG</b>	<b>LONG</b>	<b>PACKED</b> 1 PIECE
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Cutting Diameter Tolerance	
1/16" ≤ D ≤ 1"	+0 / -0.002"
1mm ≤ D ≤ 25mm	+0 / -0.050mm

EDP Number		Diameter		Length of Cut		Overall Length		Shank Diameter		Surface Treatment
		D (Fractional Size)	D (mm)	Lc (Inch)	Lc (mm)	L (Inch)	L (mm)	d (Inch)	d (mm)	
403-234411	●	15/64	-	0.750	-	2.500	-	0.250	-	TiAIN
403-2362	●	-	6.00	-	19.00	-	64.00	-	6.00	BRIGHT
403-236211	●	-	6.00	-	19.00	-	64.00	-	6.00	TiAIN
403-2500	●	1/4	-	0.750	-	2.500	-	0.250	-	BRIGHT
403-250011	●	1/4	-	0.750	-	2.500	-	0.250	-	TiAIN
403-2656	●	17/64	-	0.750	-	2.500	-	0.313	-	BRIGHT
403-265611	●	17/64	-	0.750	-	2.500	-	0.313	-	TiAIN
403-2756	●	-	7.00	-	19.00	-	64.00	-	8.00	BRIGHT
403-275611	●	-	7.00	-	19.00	-	64.00	-	8.00	TiAIN
403-2812	●	9/32	-	0.750	-	2.500	-	0.313	-	BRIGHT
403-281211	●	9/32	-	0.750	-	2.500	-	0.313	-	TiAIN
403-2969	●	19/64	-	0.813	-	2.500	-	0.313	-	BRIGHT
403-296911	●	19/64	-	0.813	-	2.500	-	0.313	-	TiAIN
403-3125	●	5/16	-	0.813	-	2.500	-	0.313	-	BRIGHT
403-312511	●	5/16	-	0.813	-	2.500	-	0.313	-	TiAIN
403-3150	●	-	8.00	-	21.00	-	64.00	-	8.00	BRIGHT
403-315011	●	-	8.00	-	21.00	-	64.00	-	8.00	TiAIN
403-3543	●	-	9.00	-	22.00	-	70.00	-	10.00	BRIGHT
403-354311	●	-	9.00	-	22.00	-	70.00	-	10.00	TiAIN
403-3750	●	3/8	-	1.000	-	2.500	-	0.375	-	BRIGHT
403-375011	●	3/8	-	1.000	-	2.500	-	0.375	-	TiAIN
403-3937	●	-	10.00	-	25.00	-	70.00	-	10.00	BRIGHT
403-393711	●	-	10.00	-	25.00	-	70.00	-	10.00	TiAIN
403-4331	●	-	11.00	-	25.00	-	70.00	-	11.00	BRIGHT
403-433111	●	-	11.00	-	25.00	-	70.00	-	11.00	TiAIN
403-4375	●	7/16	-	1.000	-	2.750	-	0.438	-	BRIGHT
403-437511	●	7/16	-	1.000	-	2.750	-	0.438	-	TiAIN
403-4724	●	-	12.00	-	25.00	-	76.00	-	12.00	BRIGHT
403-472411	●	-	12.00	-	25.00	-	76.00	-	12.00	TiAIN
403-5000	●	1/2	-	1.000	-	3.000	-	0.500	-	BRIGHT
403-500011	●	1/2	-	1.000	-	3.000	-	0.500	-	TiAIN
403-5512	●	-	14.00	-	30.00	-	89.00	-	14.00	BRIGHT
403-551211	●	-	14.00	-	30.00	-	89.00	-	14.00	TiAIN
403-5625	●	9/16	-	1.125	-	3.500	-	0.563	-	BRIGHT
403-562511	●	9/16	-	1.125	-	3.500	-	0.563	-	TiAIN
403-6250	●	5/8	-	1.250	-	3.500	-	0.625	-	BRIGHT
403-625011	●	5/8	-	1.250	-	3.500	-	0.625	-	TiAIN
403-6299	●	-	16.00	-	32.00	-	89.00	-	16.00	BRIGHT
403-629911	●	-	16.00	-	32.00	-	89.00	-	16.00	TiAIN
403-6875	●	11/16	-	1.375	-	4.000	-	0.750	-	BRIGHT
403-687511	●	11/16	-	1.375	-	4.000	-	0.750	-	TiAIN
403-7087	●	-	18.00	-	35.00	-	102.00	-	18.00	BRIGHT
403-708711	●	-	18.00	-	35.00	-	102.00	-	18.00	TiAIN
403-7500	●	3/4	-	1.500	-	4.000	-	0.750	-	BRIGHT
403-750011	●	3/4	-	1.500	-	4.000	-	0.750	-	TiAIN
403-7874	●	-	20.00	-	38.00	-	102.00	-	20.00	BRIGHT
403-787411	●	-	20.00	-	38.00	-	102.00	-	20.00	TiAIN
403-8661	●	-	22.00	-	38.00	-	102.00	-	22.00	BRIGHT
403-866111	●	-	22.00	-	38.00	-	102.00	-	22.00	TiAIN
403-8750	●	7/8	-	1.500	-	4.000	-	0.875	-	BRIGHT
403-875011	●	7/8	-	1.500	-	4.000	-	0.875	-	TiAIN
403-9843	●	-	25.00	-	38.00	-	102.00	-	25.00	BRIGHT

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked

Note: Other coatings available upon request.



# List 403 (Continued)

OSG STANDARD CARBIDE SQ

<b>SPEED FEED</b> 1402-1405	<b>CARBIDE</b>	<b>BR</b>	<b>TiAlN</b>	<b>3 FLUTE</b>	<b>30°</b>		<b>STUB</b>	<b>REG</b>	<b>LONG</b>	<b>PACKED</b> 1 PIECE
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Cutting Diameter Tolerance	
1/16" ≤ D ≤ 1"	+0 / -0.002"
1mm ≤ D ≤ 25mm	+0 / -0.050mm

EDP Number		Diameter		Length of Cut		Overall Length		Shank Diameter		Surface Treatment
		D (Fractional Size)	D (mm)	Lc (Inch)	Lc (mm)	L (Inch)	L (mm)	d (Inch)	d (mm)	
403-984311	●	-	25.00	-	38.00	-	102.00	-	25.00	TiAlN
403-1000	●	1	-	1.500	-	4.000	-	1.000	-	BRIGHT
403-100011	●	1	-	1.500	-	4.000	-	1.000	-	TiAlN

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
Note: Other coatings available upon request.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

P					M			K	N		S		H						
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel						
Carbon Steel			Alloy Steel	Die Steel	Aluminum		Nickel Alloy		Titanium	Hardened Steel									
Low	Medium	High			6061	Casting				Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC				
1010	1035	1045	1065	4140	4340	300	400	17-4 PH	6061	7075									
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Good ⊗ Best

