



List 455

OSG COBALT HSS ROUGHER SQ

SPEED FEED 1420	HSS-Co	TiAlN	TiCN	FINE ROUGH	30°				WELDON FLAT	STUB	REG	LONG
											EXTRA LONG	PACKED 1 PIECE



EDP Number	Diameter	Length of Cut	Overall Length	Shank Diameter	Number of Flutes	Surface Treatment	Center Cutting	
								D (Fractional Size)
4559011	●	1/4	0.250	2.063	0.375	4	TiAlN	●
4558908	●	1/4	0.250	2.063	0.375	4	TiCN	●
4559008	●	1/4	0.250	2.063	0.375	4	TiCN	●
4569108	●	1/4	0.625	2.438	0.375	3	TiCN	-
4559111	●	1/4	0.750	2.500	0.375	4	TiAlN	-
4559108	●	1/4	0.750	2.500	0.375	4	TiCN	-
4559211	●	1/4	1.250	3.063	0.375	4	TiAlN	-
4559208	●	1/4	1.250	3.063	0.375	4	TiCN	-
4559311	●	5/16	0.313	2.063	0.375	3	TiAlN	●
4559308	●	5/16	0.313	2.063	0.375	3	TiCN	●
4559411	●	5/16	0.750	2.500	0.375	4	TiAlN	-
4559408	●	5/16	0.750	2.500	0.375	4	TiCN	-
4559511	●	5/16	1.375	3.125	0.375	4	TiAlN	-
4559508	●	5/16	1.375	3.125	0.375	4	TiCN	-
4559611	●	3/8	0.375	2.156	0.375	3	TiAlN	●
4559608	●	3/8	0.375	2.156	0.375	3	TiCN	●
4559711	●	3/8	0.875	2.625	0.375	4	TiAlN	-
4559708	●	3/8	0.875	2.625	0.375	4	TiCN	-
4559811	●	3/8	1.500	3.250	0.375	4	TiAlN	-
4559808	●	3/8	1.500	3.250	0.375	4	TiCN	-
4569808	●	7/16	0.500	2.500	0.500	4	TiCN	●
4559908	●	7/16	1.250	3.250	0.500	4	TiCN	-
4550011	●	1/2	0.500	2.500	0.500	3	TiAlN	●
4550008	●	1/2	0.500	2.500	0.500	3	TiCN	●
4560008	●	1/2	0.500	2.500	0.500	4	TiCN	●
4550111	●	1/2	1.250	3.250	0.500	4	TiAlN	-
4550108	●	1/2	1.250	3.250	0.500	4	TiCN	-
4550311	●	1/2	2.000	4.000	0.500	4	TiAlN	-
4550308	●	1/2	2.000	4.000	0.500	4	TiCN	-
4560308	●	1/2	3.000	5.000	0.500	4	TiCN	-
4550411	●	5/8	0.625	2.750	0.625	3	TiAlN	●
4550408	●	5/8	0.625	2.750	0.625	3	TiCN	●
4560408	●	5/8	0.625	2.750	0.625	4	TiCN	●
4550511	●	5/8	1.625	3.750	0.625	4	TiAlN	-
4550508	●	5/8	1.625	3.750	0.625	4	TiCN	-
4550608	●	5/8	2.000	4.125	0.625	4	TiCN	-
4550711	●	5/8	2.500	4.625	0.625	4	TiAlN	-
4550708	●	5/8	2.500	4.625	0.625	4	TiCN	-
4551211	●	3/4	0.750	2.875	0.750	3	TiAlN	●
4551208	●	3/4	0.750	2.875	0.750	3	TiCN	●
4561208	●	3/4	0.750	2.875	0.750	4	TiCN	●
4551311	●	3/4	1.625	3.875	0.750	4	TiAlN	-
4551308	●	3/4	1.625	3.875	0.750	4	TiCN	-
4552108	●	3/4	2.250	4.500	0.750	4	TiCN	●

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
 Note: Center cutting available in stub length only.

STE

CONTINUED

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

○ Good ○ Best





Roughing Cut

Cobalt High Speed Steel

ABOUT OSG

DRILLING

THREADING

MILLING

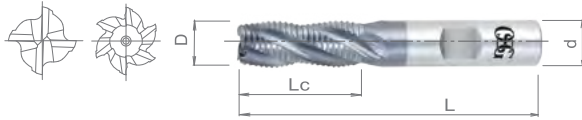
HOLDERS

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List 455 (Continued)

OSG COBALT HSS ROUGHER SQ

SPEED FEED 1420	HSS-Co	TiAlN	TiCN	FINE ROUGH	30°				WELDON FLAT	STUB	REG	LONG
										EXTRA LONG	PACKED	1 PIECE



EDP Number	Diameter	Length of Cut	Overall Length	Shank Diameter	Number of Flutes	Surface Treatment	Center Cutting
4551408	3/4	2.500	4.500	0.750	4	TiCN	-
4551511	3/4	3.000	5.250	0.750	4	TiAlN	-
4551508	3/4	3.000	5.250	0.750	4	TiCN	-
4551608	3/4	4.000	6.250	0.750	4	TiCN	-
4561008	1	1.000	3.500	1.000	5	TiCN	●
4560111	1	2.000	4.500	0.750	5	TiAlN	-
4560511	1	2.000	4.500	1.000	5	TiAlN	-
4560108	1	2.000	4.500	0.750	5	TiCN	-
4560508	1	2.000	4.500	1.000	5	TiCN	-
4560711	1	3.000	5.500	1.000	5	TiAlN	-
4560708	1	3.000	5.500	1.000	5	TiCN	-
4560911	1	4.000	6.500	1.000	5	TiAlN	-
4560908	1	4.000	6.500	1.000	5	TiCN	-
4562111	1-1/4	2.000	4.500	1.250	6	TiAlN	●
4562108	1-1/4	2.000	4.500	1.250	6	TiCN	●
4562311	1-1/4	3.000	5.500	1.250	6	TiAlN	-
4562308	1-1/4	3.000	5.500	1.250	6	TiCN	-
4562511	1-1/4	4.000	6.500	1.250	6	TiAlN	-
4562508	1-1/4	4.000	6.500	1.250	6	TiCN	-
4563311	1-1/2	2.000	4.500	1.250	6	TiAlN	●
4563308	1-1/2	2.000	4.500	1.250	6	TiCN	●
4563511	1-1/2	3.000	5.500	1.250	6	TiAlN	-
4563508	1-1/2	3.000	5.500	1.250	6	TiCN	-
4563711	1-1/2	4.000	6.500	1.250	6	TiAlN	-
4563708	1-1/2	4.000	6.500	1.250	6	TiCN	-
4570708	2	3.000	6.750	2.000	8	TiCN	●
4570908	2	4.000	7.750	2.000	8	TiCN	-
4571111	2	6.000	9.750	2.000	8	TiAlN	-
4571108	2	6.000	9.750	2.000	8	TiCN	-
4571308	2	8.000	11.750	2.000	8	TiCN	-

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

○ Good ○ Best

