



HY-PRO® CARB

Performance Sub-Micrograin Carbide End Mills

ABOUT OSG

DRILLING

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MILLING

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List HP432

HY-PRO® CARB CR

SPEED FEED 1457-1460	CARBIDE	TiAlN	2 FLUTE	35°		SHANK h6	STUB	REG	LONG	PACKED 1 PIECE
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Cutting Diameter Tolerance	
1/8" ≤ D ≤ 1"	+0 / -0.0015"
3mm ≤ D ≤ 12mm	+0 / -0.038mm



EDP Number		Diameter		Corner Radius		Length of Cut		Overall Length		Shank Diameter	
		D (Fractional Size)	D (mm)	R (Inch)	R (mm)	Lc (Inch)	Lc (mm)	L (Inch)	L (mm)	d (Inch)	d (mm)
HP432-1181	●	-	3.00	-	0.20	-	8.00	-	60.00	-	6.00
HP432-1182	●	-	3.00	-	0.50	-	8.00	-	60.00	-	6.00
HP432-1251	●	1/8	-	0.015	-	0.500	-	1.500	-	0.125	-
HP432-1575	●	-	4.00	-	0.20	-	11.00	-	70.00	-	6.00
HP432-1576	●	-	4.00	-	0.50	-	11.00	-	70.00	-	6.00
HP432-1577	●	-	4.00	-	1.00	-	11.00	-	70.00	-	6.00
HP432-1872	●	3/16	-	0.020	-	0.625	-	2.000	-	0.188	-
HP432-1960	●	-	5.00	-	0.20	-	13.00	-	80.00	-	6.00
HP432-1961	●	-	5.00	-	0.50	-	13.00	-	80.00	-	6.00
HP432-1962	●	-	5.00	-	1.00	-	13.00	-	80.00	-	6.00
HP432-2360	●	-	6.00	-	0.20	-	13.00	-	80.00	-	6.00
HP432-2361	●	-	6.00	-	0.50	-	13.00	-	80.00	-	6.00
HP432-2362	●	-	6.00	-	1.00	-	13.00	-	80.00	-	6.00
HP432-2363	●	-	6.00	-	1.50	-	13.00	-	80.00	-	6.00
HP432-2364	●	-	6.00	-	2.00	-	13.00	-	80.00	-	6.00
HP432-2502	●	1/4	-	0.020	-	0.750	-	2.500	-	0.250	-
HP432-2503	●	1/4	-	0.030	-	0.750	-	2.500	-	0.250	-
HP432-3122	●	5/16	-	0.020	-	0.813	-	2.500	-	0.313	-
HP432-3123	●	5/16	-	0.030	-	0.813	-	2.500	-	0.313	-
HP432-3150	●	-	8.00	-	0.50	-	19.00	-	100.00	-	8.00
HP432-3151	●	-	8.00	-	1.00	-	19.00	-	100.00	-	8.00
HP432-3152	●	-	8.00	-	1.50	-	19.00	-	100.00	-	8.00
HP432-3153	●	-	8.00	-	2.00	-	19.00	-	100.00	-	8.00
HP432-3752	●	3/8	-	0.020	-	1.000	-	2.500	-	0.375	-
HP432-3753	●	3/8	-	0.030	-	1.000	-	2.500	-	0.375	-
HP432-3930	●	-	10.00	-	0.50	-	22.00	-	100.00	-	10.00
HP432-3931	●	-	10.00	-	1.00	-	22.00	-	100.00	-	10.00
HP432-3932	●	-	10.00	-	1.50	-	22.00	-	100.00	-	10.00
HP432-3933	●	-	10.00	-	2.00	-	22.00	-	100.00	-	10.00
HP432-3934	●	-	10.00	-	3.00	-	22.00	-	100.00	-	10.00
HP432-4720	●	-	12.00	-	0.50	-	26.00	-	110.00	-	12.00
HP432-4721	●	-	12.00	-	1.00	-	26.00	-	110.00	-	12.00
HP432-4722	●	-	12.00	-	1.50	-	26.00	-	110.00	-	12.00
HP432-4723	●	-	12.00	-	2.00	-	26.00	-	110.00	-	12.00
HP432-4724	●	-	12.00	-	3.00	-	26.00	-	110.00	-	12.00
HP432-5002	●	1/2	-	0.020	-	1.000	-	3.000	-	0.500	-
HP432-5003	●	1/2	-	0.030	-	1.000	-	3.000	-	0.500	-
HP432-5006	●	1/2	-	0.060	-	1.000	-	3.000	-	0.500	-
HP432-6253	●	5/8	-	0.030	-	1.250	-	3.500	-	0.625	-
HP432-6256	●	5/8	-	0.060	-	1.250	-	3.500	-	0.625	-
HP432-6259	●	5/8	-	0.090	-	1.250	-	3.500	-	0.625	-
HP432-7506	●	3/4	-	0.060	-	1.500	-	4.000	-	0.750	-
HP432-7509	●	3/4	-	0.090	-	1.500	-	4.000	-	0.750	-
HP432-7512	●	3/4	-	0.125	-	1.500	-	4.000	-	0.750	-
HP432-1006	●	1	-	0.060	-	1.500	-	4.000	-	1.000	-
HP432-1009	●	1	-	0.090	-	1.500	-	4.000	-	1.000	-
HP432-1012	●	1	-	0.125	-	1.500	-	4.000	-	1.000	-

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



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	Casting				Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC			
1010	1035	1065	4140	4340	300	400	17-4 PH	6061	7075									
1018	1045																	

○ Good ⊗ Best

