

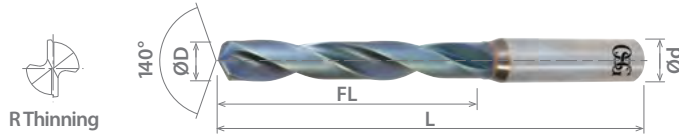


List HP245

HY-PRO® CARB-5D

SPEED FEED 336-337	CARBIDE	EgiAs	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
-----------------------	---------	-------	---------	--------	-----	-------------	-------------------

Cutting Diameter Tolerance (m7)		
Size (mm)	mm	inch
1 ≤ D ≤ 3	+0.002 / +0.012	+0.0001 / +0.0005
3 < D ≤ 6	+0.004 / +0.016	+0.0002 / +0.0006
6 < D ≤ 10	+0.006 / +0.021	+0.0002 / +0.0008
10 < D ≤ 18	+0.007 / +0.025	+0.0003 / +0.0010
18 < D ≤ 20	+0.008 / +0.029	+0.0003 / +0.0011



EDP Number		Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter d (mm)
		Fractional Size	Wire Gage	Letter Size	mm	Inch			
HP245-0394	●	-	-	-	1.000	0.03937	9.00	38.00	3.00
HP245-0433	●	-	-	-	1.100	0.04331	9.00	38.00	3.00
HP245-0469	●	3/64	-	-	1.191	0.04688	11.00	38.00	3.00
HP245-0472	●	-	-	-	1.200	0.04724	11.00	38.00	3.00
HP245-0512	●	-	-	-	1.300	0.05118	11.00	38.00	3.00
HP245-0551	●	-	-	-	1.400	0.05512	12.00	38.00	3.00
HP245-0591	●	-	-	-	1.500	0.05906	12.00	45.00	3.00
HP245-0626	●	1/16	-	-	1.588	0.06250	14.00	45.00	3.00
HP245-0630	●	-	-	-	1.600	0.06299	14.00	45.00	3.00
HP245-0669	●	-	-	-	1.700	0.06693	14.00	45.00	3.00
HP245-0709	●	-	-	-	1.800	0.07087	16.00	45.00	3.00
HP245-0748	●	-	-	-	1.900	0.07480	16.00	45.00	3.00
HP245-0780	●	5/64	-	-	1.984	0.07813	18.00	52.00	3.00
HP245-0787	●	-	-	-	2.000	0.07874	18.00	50.00	3.00
HP245-0827	●	-	-	-	2.100	0.08268	18.00	50.00	3.00
HP245-0866	●	-	-	-	2.200	0.08661	20.00	52.00	3.00
HP245-0906	●	-	-	-	2.300	0.09055	20.00	52.00	3.00
HP245-0937	●	3/32	-	-	2.381	0.09375	22.00	52.00	3.00
HP245-0945	●	-	-	-	2.400	0.09449	22.00	52.00	3.00
HP245-0984	●	-	-	-	2.500	0.09843	22.00	56.00	3.00
HP245-1024	●	-	-	-	2.600	0.10236	22.00	56.00	3.00
HP245-1063	●	-	-	-	2.700	0.10630	23.00	56.00	3.00
HP245-1094	●	7/64	-	-	2.778	0.10938	23.00	56.00	3.00
HP245-1102	●	-	-	-	2.800	0.11024	23.00	56.00	3.00
HP245-1142	●	-	-	-	2.900	0.11417	23.00	56.00	3.00
HP245-1181	●	-	-	-	3.000	0.11811	28.00	66.00	6.00
HP245-1220	●	-	-	-	3.100	0.12205	28.00	66.00	6.00
HP245-1248	●	1/8	-	-	3.175	0.12500	28.00	66.00	6.00
HP245-1260	●	-	-	-	3.200	0.12598	28.00	66.00	6.00
HP245-1299	●	-	-	-	3.300	0.12992	28.00	66.00	6.00
HP245-1339	●	-	-	-	3.400	0.13386	28.00	66.00	6.00
HP245-1378	●	-	-	-	3.500	0.13780	28.00	66.00	6.00
HP245-1406	●	9/64	-	-	3.572	0.14063	28.00	66.00	6.00
HP245-1417	●	-	-	-	3.600	0.14173	28.00	66.00	6.00
HP245-1457	●	-	-	-	3.700	0.14567	28.00	66.00	6.00
HP245-1496	●	-	-	-	3.800	0.14961	36.00	74.00	6.00
HP245-1535	●	-	-	-	3.900	0.15354	36.00	74.00	6.00
HP245-1563	●	5/32	-	-	3.969	0.15625	36.00	74.00	6.00
HP245-1575	●	-	-	-	4.000	0.15748	36.00	74.00	6.00
HP245-1610	●	-	20	-	4.089	0.16100	36.00	74.00	6.00
HP245-1614	●	-	-	-	4.100	0.16142	36.00	74.00	6.00
HP245-1654	●	-	-	-	4.200	0.16535	36.00	74.00	6.00
HP245-1693	●	-	-	-	4.300	0.16929	36.00	74.00	6.00
HP245-1720	●	11/64	-	-	4.366	0.17188	36.00	74.00	6.00
HP245-1732	●	-	-	-	4.400	0.17323	36.00	74.00	6.00
HP245-1772	●	-	-	-	4.500	0.17717	36.00	74.00	6.00
HP245-1811	●	-	-	-	4.600	0.18110	36.00	74.00	6.00
HP245-1831	●	-	-	-	4.650	0.18307	36.00	74.00	6.00
HP245-1850	●	-	-	-	4.700	0.18504	36.00	74.00	6.00
HP245-1874	●	3/16	-	-	4.763	0.18750	44.00	82.00	6.00
HP245-1890	●	-	-	-	4.800	0.18898	44.00	82.00	6.00
HP245-1929	●	-	-	-	4.900	0.19291	44.00	82.00	6.00
HP245-1969	●	-	-	-	5.000	0.19685	44.00	82.00	6.00

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



List HP245 (Continued)

HY-PRO® CARB-5D

SPEED FEED 336-337	CARBIDE	EgiAs	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
-----------------------	---------	-------	---------	--------	-----	-------------	-------------------

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)
HP245-2008	●	-	-	-	5.100	0.20079	44.00	82.00	6.00
HP245-2031	●	13/64	-	-	5.159	0.20313	44.00	82.00	6.00
HP245-2047	●	-	-	-	5.200	0.20472	44.00	82.00	6.00
HP245-2087	●	-	-	-	5.300	0.20866	44.00	82.00	6.00
HP245-2126	●	-	-	-	5.400	0.21260	44.00	82.00	6.00
HP245-2130	●	-	3	-	5.410	0.21300	44.00	82.00	6.00
HP245-2165	●	-	-	-	5.500	0.21654	44.00	82.00	6.00
HP245-2189	●	7/32	-	-	5.556	0.21875	44.00	82.00	6.00
HP245-2205	●	-	-	-	5.600	0.22047	44.00	82.00	6.00
HP245-2244	●	-	-	-	5.700	0.22441	44.00	82.00	6.00
HP245-2283	●	-	-	-	5.800	0.22835	44.00	82.00	6.00
HP245-2323	●	-	-	-	5.900	0.23228	44.00	82.00	6.00
HP245-2343	●	15/64	-	-	5.953	0.23438	44.00	82.00	6.00
HP245-2362	●	-	-	-	6.000	0.23622	44.00	82.00	6.00
HP245-2402	●	-	-	-	6.100	0.24016	53.00	91.00	8.00
HP245-2441	●	-	-	-	6.200	0.24409	53.00	91.00	8.00
HP245-2480	●	-	-	-	6.300	0.24803	53.00	91.00	8.00
HP245-2500	●	1/4	-	E	6.350	0.25000	53.00	91.00	8.00
HP245-2520	●	-	-	-	6.400	0.25197	53.00	91.00	8.00
HP245-2559	●	-	-	-	6.500	0.25591	53.00	91.00	8.00
HP245-2571	●	-	-	F	6.528	0.25700	53.00	91.00	8.00
HP245-2598	●	-	-	-	6.600	0.25984	53.00	91.00	8.00
HP245-2638	●	-	-	-	6.700	0.26378	53.00	91.00	8.00
HP245-2657	●	17/64	-	-	6.747	0.26563	53.00	91.00	8.00
HP245-2677	●	-	-	-	6.800	0.26772	53.00	91.00	8.00
HP245-2717	●	-	-	-	6.900	0.27165	53.00	91.00	8.00
HP245-2756	●	-	-	-	7.000	0.27559	53.00	91.00	8.00
HP245-2795	●	-	-	-	7.100	0.27953	53.00	91.00	8.00
HP245-2811	●	9/32	-	-	7.144	0.28125	53.00	91.00	8.00
HP245-2835	●	-	-	-	7.200	0.28346	53.00	91.00	8.00
HP245-2874	●	-	-	-	7.300	0.28740	53.00	91.00	8.00
HP245-2913	●	-	-	-	7.400	0.29134	53.00	91.00	8.00
HP245-2953	●	-	-	-	7.500	0.29528	53.00	91.00	8.00
HP245-2969	●	19/64	-	-	7.541	0.29688	53.00	91.00	8.00
HP245-2992	●	-	-	-	7.600	0.29921	53.00	91.00	8.00
HP245-3031	●	-	-	-	7.700	0.30315	53.00	91.00	8.00
HP245-3071	●	-	-	-	7.800	0.30709	53.00	91.00	8.00
HP245-3110	●	-	-	-	7.900	0.31102	53.00	91.00	8.00
HP245-3126	●	5/16	-	-	7.938	0.31250	53.00	91.00	8.00
HP245-3150	●	-	-	-	8.000	0.31496	53.00	91.00	8.00
HP245-3189	●	-	-	-	8.100	0.31890	61.00	103.00	10.00
HP245-3228	●	-	-	-	8.200	0.32283	61.00	103.00	10.00
HP245-3268	●	-	-	-	8.300	0.32677	61.00	103.00	10.00
HP245-3280	●	21/64	-	-	8.334	0.32813	61.00	103.00	10.00
HP245-3307	●	-	-	-	8.400	0.33071	61.00	103.00	10.00
HP245-3319	●	-	-	Q	8.433	0.33200	61.00	103.00	10.00
HP245-3346	●	-	-	-	8.500	0.33465	61.00	103.00	10.00
HP245-3386	●	-	-	-	8.600	0.33858	61.00	103.00	10.00
HP245-3425	●	-	-	-	8.700	0.34252	61.00	103.00	10.00

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



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	45-50 HRC	50-70 HRC
1010	1035	1065	4140	4340				7075										
○	○	○	○	○				○					○	○				

○ Good ○ Best

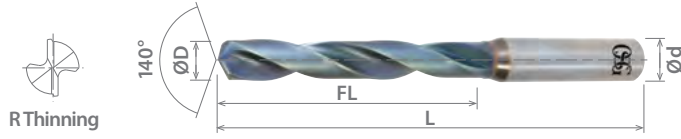




List HP245 (Continued)

HY-PRO® CARB-5D

SPEED FEED 336-337	CARBIDE	EgiAs	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
------------------------------	----------------	--------------	----------------	---------------	------------	--------------------	--------------------------



Cutting Diameter Tolerance (m7)		
Size (mm)	mm	inch
1 ≤ D ≤ 3	+0.002 / +0.012	+0.0001 / +0.0005
3 < D ≤ 6	+0.004 / +0.016	+0.0002 / +0.0006
6 < D ≤ 10	+0.006 / +0.021	+0.0002 / +0.0008
10 < D ≤ 18	+0.007 / +0.025	+0.0003 / +0.0010
18 < D ≤ 20	+0.008 / +0.029	+0.0003 / +0.0011

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)
HP245-3437	●	11/32	-	-	8.731	0.34375	61.00	103.00	10.00
HP245-3465	●	-	-	-	8.800	0.34646	61.00	103.00	10.00
HP245-3504	●	-	-	-	8.900	0.35039	61.00	103.00	10.00
HP245-3543	●	-	-	-	9.000	0.35433	61.00	103.00	10.00
HP245-3583	●	-	-	-	9.100	0.35827	61.00	103.00	10.00
HP245-3594	●	23/64	-	-	9.128	0.35938	61.00	103.00	10.00
HP245-3622	●	-	-	-	9.200	0.36220	61.00	103.00	10.00
HP245-3642	●	-	-	-	9.250	0.36417	61.00	103.00	10.00
HP245-3661	●	-	-	-	9.300	0.36614	61.00	103.00	10.00
HP245-3701	●	-	-	-	9.400	0.37008	61.00	103.00	10.00
HP245-3740	●	-	-	-	9.500	0.37402	61.00	103.00	10.00
HP245-3748	●	3/8	-	-	9.525	0.37500	61.00	103.00	10.00
HP245-3780	●	-	-	-	9.600	0.37795	61.00	103.00	10.00
HP245-3819	●	-	-	-	9.700	0.38189	61.00	103.00	10.00
HP245-3858	●	-	-	-	9.800	0.38583	61.00	103.00	10.00
HP245-3898	●	-	-	-	9.900	0.38976	61.00	103.00	10.00
HP245-3906	●	25/64	-	-	9.922	0.39063	61.00	103.00	10.00
HP245-3937	●	-	-	-	10.000	0.39370	61.00	103.00	10.00
HP245-3976	●	-	-	-	10.100	0.39764	71.00	118.00	12.00
HP245-4016	●	-	-	-	10.200	0.40157	71.00	118.00	12.00
HP245-4055	●	-	-	-	10.300	0.40551	71.00	118.00	12.00
HP245-4063	●	13/32	-	-	10.319	0.40625	71.00	118.00	12.00
HP245-4094	●	-	-	-	10.400	0.40945	71.00	118.00	12.00
HP245-4134	●	-	-	-	10.500	0.41339	71.00	118.00	12.00
HP245-4173	●	-	-	-	10.600	0.41732	71.00	118.00	12.00
HP245-4213	●	-	-	-	10.700	0.42126	71.00	118.00	12.00
HP245-4220	●	27/64	-	-	10.716	0.42188	71.00	118.00	12.00
HP245-4252	●	-	-	-	10.800	0.42520	71.00	118.00	12.00
HP245-4291	●	-	-	-	10.900	0.42913	71.00	118.00	12.00
HP245-4331	●	-	-	-	11.000	0.43307	71.00	118.00	12.00
HP245-4370	●	-	-	-	11.100	0.43701	71.00	118.00	12.00
HP245-4374	●	7/16	-	-	11.113	0.43750	71.00	118.00	12.00
HP245-4409	●	-	-	-	11.200	0.44094	71.00	118.00	12.00
HP245-4449	●	-	-	-	11.300	0.44488	71.00	118.00	12.00
HP245-4488	●	-	-	-	11.400	0.44882	71.00	118.00	12.00
HP245-4528	●	-	-	-	11.500	0.45276	71.00	118.00	12.00
HP245-4531	●	29/64	-	-	11.509	0.45313	71.00	118.00	12.00
HP245-4567	●	-	-	-	11.600	0.45669	71.00	118.00	12.00
HP245-4606	●	-	-	-	11.700	0.46063	71.00	118.00	12.00
HP245-4646	●	-	-	-	11.800	0.46457	71.00	118.00	12.00
HP245-4685	●	-	-	-	11.900	0.46850	71.00	118.00	12.00
HP245-4689	●	15/32	-	-	11.906	0.46875	71.00	118.00	12.00
HP245-4724	●	-	-	-	12.000	0.47244	71.00	118.00	12.00
HP245-4764	●	-	-	-	12.100	0.47638	77.00	124.00	14.00
HP245-4803	●	-	-	-	12.200	0.48031	77.00	124.00	14.00
HP245-4843	●	31/64	-	-	12.303	0.48438	77.00	124.00	14.00
HP245-4882	●	-	-	-	12.400	0.48819	77.00	124.00	14.00
HP245-4921	●	-	-	-	12.500	0.49213	77.00	124.00	14.00
HP245-4961	●	-	-	-	12.600	0.49606	77.00	124.00	14.00
HP245-5000	●	1/2	-	-	12.700	0.50000	77.00	124.00	14.00
HP245-5039	●	-	-	-	12.800	0.50394	77.00	124.00	14.00
HP245-5079	●	-	-	-	12.900	0.50787	77.00	124.00	14.00
HP245-5118	●	-	-	-	13.000	0.51181	77.00	124.00	14.00

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



List HP245 (Continued)

HY-PRO® CARB-5D

SPEED FEED 336-337	CARBIDE	EgiAs	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
------------------------------	----------------	--------------	----------------	---------------	------------	--------------------	--------------------------

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)
HP245-5157	●	33/64	-	-	13.097	0.51563	77.00	124.00	14.00
HP245-5197	●	-	-	-	13.200	0.51969	77.00	124.00	14.00
HP245-5236	●	-	-	-	13.300	0.52362	77.00	124.00	14.00
HP245-5276	●	-	-	-	13.400	0.52756	77.00	124.00	14.00
HP245-5311	●	17/32	-	-	13.494	0.53125	77.00	124.00	14.00
HP245-5315	●	-	-	-	13.500	0.53150	77.00	124.00	14.00
HP245-5394	●	-	-	-	13.700	0.53937	77.00	124.00	14.00
HP245-5512	●	-	-	-	14.000	0.55118	77.00	124.00	14.00
HP245-5626	●	9/16	-	-	14.288	0.56250	83.00	133.00	16.00
HP245-5709	●	-	-	-	14.500	0.57087	83.00	133.00	16.00
HP245-5780	●	37/64	-	-	14.684	0.57813	83.00	133.00	16.00
HP245-5787	●	-	-	-	14.700	0.57874	83.00	133.00	16.00
HP245-5906	●	-	-	-	15.000	0.59055	83.00	133.00	16.00
HP245-5937	●	19/32	-	-	15.081	0.59375	83.00	133.00	16.00
HP245-6102	●	-	-	-	15.500	0.61024	83.00	133.00	16.00
HP245-6181	●	-	-	-	15.700	0.61811	83.00	133.00	16.00
HP245-6248	●	5/8	-	-	15.875	0.62500	83.00	133.00	16.00
HP245-6299	●	-	-	-	16.000	0.62992	83.00	133.00	16.00
HP245-6339	●	-	-	-	16.100	0.63386	93.00	143.00	18.00
HP245-6496	●	-	-	-	16.500	0.64961	93.00	143.00	18.00
HP245-6563	●	21/32	-	-	16.669	0.65625	93.00	143.00	18.00
HP245-6693	●	-	-	-	17.000	0.66929	93.00	143.00	18.00
HP245-6890	●	-	-	-	17.500	0.68898	93.00	143.00	18.00
HP245-7087	●	-	-	-	18.000	0.70866	93.00	143.00	18.00
HP245-7283	●	-	-	-	18.500	0.72835	101.00	153.00	20.00
HP245-7480	●	-	-	-	19.000	0.74803	101.00	153.00	20.00
HP245-7500	●	3/4	-	-	19.050	0.75000	101.00	153.00	20.00
HP245-7579	●	-	-	-	19.250	0.75787	101.00	153.00	20.00
HP245-7677	●	-	-	-	19.500	0.76772	101.00	153.00	20.00
HP245-7874	●	-	-	-	20.000	0.78740	101.00	153.00	20.00

● 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	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	7075			Casting	Inconel	6Al4V (30 HRC)	~35 HRC
○	○	○	○	○				○		○			○	○		

○ Good ○ Best

