

HY-PRO® CARB

Performance Sub-Micrograin Carbide End Mills

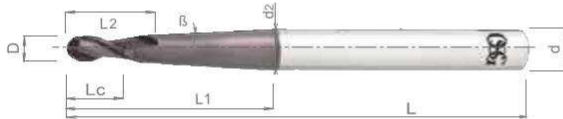


List HP418

2 Flute, Pencil Neck, Ball End

SPEED FEED P1253-1254	CARBIDE	TiAlN	30°	SHANK h6
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Milling Diameter Tolerance	
3/32 ≤ D ≤ 3/8	+0 / -0.0015"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Non-Taper Neck Length	Maximum Neck Diameter	Neck Incline	Shank Diameter
TiAlN	D	L	Lc	L1	L2	d2	β	d
HP418-0938	3/32	3	0.160	1.60	0.200	0.240	3°	1/4
HP418-1250	1/8	3	0.225	1.60	0.270	0.217	2°	1/4
HP418-1875	3/16	3-1/2	0.312	1.90	0.390	0.312	2°	5/16
HP418-2500	1/4	4	0.400	2.25	0.500	0.375	2°	3/8
HP418-3750	3/8	4	0.600	2.25	0.750	0.500	2°	1/2

Packed: 1 pc.
Available TiAlN coating only.

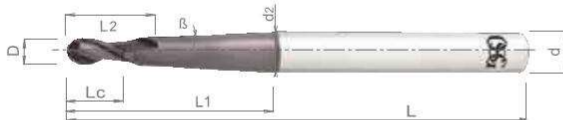


List HP418

2 Flute, Pencil Neck, Ball End

SPEED FEED P1253-1254	CARBIDE	TiAlN	30°	SHANK h6
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Milling Diameter Tolerance	
1 ≤ D ≤ 12	+0 / -0.038mm



Units: mm

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Non-Taper Neck Length	Maximum Neck Diameter	Neck Incline	Shank Diameter
TiAlN	D	L	Lc	L1	L2	d2	B	d
HP418-0390	1	60	2.5	20.0	4.0	3.8	5.0°	6
HP418-0391	1	80	2.5	40.0	4.0	4.8	3.0°	6
HP418-0392	1	70	2.5	20.0	4.0	1.8	1.5°	6
HP418-0780	2	60	5.0	20.0	7.0	4.3	5.0°	6
HP418-0781	2	80	5.0	40.0	7.0	5.5	3.0°	6
HP418-0782	2	70	5.0	20.0	7.0	2.7	1.5°	6
HP418-1180	3	70	8.0	30.0	10.5	5.0	3.0°	6
HP418-1181	3	90	8.0	50.0	10.5	5.1	1.5°	6
HP418-1570	4	70	8.0	28.0	10.5	6.0	3.0°	6
HP418-1571	4	90	8.0	48.0	10.5	6.0	1.5°	6
HP418-1960	5	90	10.0	40.0	12.5	8.0	3.0°	8
HP418-1961	5	110	10.0	60.0	12.5	7.5	1.5°	8
HP418-2360	6	90	12.0	33.5	14.5	8.0	3.0°	8
HP418-2361	6	110	12.0	52.0	14.5	8.0	1.5°	8
HP418-3150	8	100	14.0	35.5	16.5	10.0	3.0°	10
HP418-3151	8	120	14.0	54.5	16.5	10.0	1.5°	10
HP418-3930	10	110	18.0	39.5	20.5	12.0	3.0°	12
HP418-3931	10	130	18.0	58.5	20.5	12.0	1.5°	12
HP418-4720	12	140	22.0	60.0	25.0	16.0	3.0°	16
HP418-4721	12	160	22.0	80.0	25.0	14.9	1.5°	16

Packed: 1 pc.
Available TiAlN coating only.



List No.	Work Material																		
	P					M			K	N		S	H						
	Carbon Steels			Alloy Steels	Die Steels	Stainless Steels			Cast Iron	Aluminum		Nickel Alloy	Titanium	Hardened Steels					
HP418	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

good best

