

Roughing Cut Cobalt High Speed Steel

List 450

EX-REEF, Multiple Flute, Fine Pitch, Non-Center Cutting

SPEED FEED P1285	HSS-Co	TiCN	BR	FINE ROUGH		STUB	REG	LONG	
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Units: Inch

EDP Number		Mill Diameter	Overall Length	Length of Cut	Shank Diameter	Number of Flutes
Bright	TiCN	D	L	Lc	d	
4509000	-	3/16	2-3/8	1/2	3/8	4
4509100	-	1/4	2-1/2	3/4	3/8	3
4509200	-	1/4	3-1/16	1-1/4	3/8	3
4509400	-	5/16	2-1/2	3/4	3/8	3
4509500	-	5/16	3-1/8	1-3/8	3/8	3
4509700	-	3/8	2-5/8	7/8	3/8	4
4509800	-	3/8	3-1/4	1-1/2	3/8	4
4509900	-	7/16	2-11/16	1	3/8	4
4500000	-	7/16	3-1/4	1-1/4	1/2	4
4500100	-	1/2	3-1/4	1-1/4	1/2	4
4500300	-	1/2	4	2	1/2	4
4500500	4500508	5/8	3-3/4	1-5/8	5/8	4
4500700	4500708	5/8	4-5/8	2-1/2	5/8	4
4500800	4500808	5/8	5-1/8	3	5/8	4
4500900	-	3/4	3-7/8	1-5/8	5/8	4
4501000	4501008	3/4	4-1/2	2-1/4	3/4	4
4501300	-	3/4	3-7/8	1-5/8	3/4	4
4501100	-	3/4	5-1/4	3	5/8	4
4501500	-	3/4	5-1/4	3	3/4	4
4501600	-	3/4	6-1/4	4	3/4	4
4501700	-	7/8	4-1/8	1-7/8	3/4	5
4502100	-	7/8	4-1/8	1-7/8	7/8	5
4501900	-	7/8	5-3/4	3-1/2	3/4	5
4502300	-	7/8	5-3/4	3-1/2	7/8	5
4510100	-	1	4-1/4	2	3/4	5
4510500	4510508	1	4-1/2	2	1	5
4510700	-	1	5-1/2	3	1	5
4510900	4510908	1	6-1/2	4	1	5
4511500	-	1-1/8	4-1/2	2	1	5
4512100	-	1-1/4	4-1/2	2	1-1/4	6
4512300	-	1-1/4	5-1/2	3	1-1/4	6
4511900	-	1-1/4	6-1/4	4	3/4	6
4512500	-	1-1/4	6-1/2	4	1-1/4	6
4513300	4513308	1-1/2	4-1/2	2	1-1/4	6
4513500	-	1-1/2	5-1/2	3	1-1/4	6
4513100	-	1-1/2	6-1/4	4	3/4	6
4513700	-	1-1/2	6-1/2	4	1-1/4	6
4513900	-	1-1/2	7-1/2	5	1-1/4	6
4514500	-	1-3/4	6-1/2	4	1-1/4	6
4520100	-	2	4-1/2	2	1-1/4	8
4520700	-	2	6-3/4	3	2	8
4520500	-	2	6-1/2	4	1-1/4	8
4520900	-	2	7-3/4	4	2	8
4521100	-	2	9-3/4	6	2	8
4521300	-	2	11-3/4	8	2	8

Packed: 1pc.

EDP's listed above are stocked standard, other coatings available upon request. Specify treatment at time of order.

Note: 2" diameter shanks have combination drive.



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			
	Low 1010 1018	Med. 1035 1045	High 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
450	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

