

**GENERAL PURPOSE HSS END MILLS**

4 Flute general purpose end mills  
Long length – Center Cutting

**FRAISES HSS  
POUR USAGE GÉNÉRAL**

Fraises 4 Dents pour usage général  
Série longue – Coupe au Centre

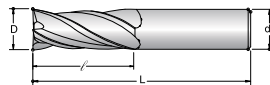
**FRESAS HSS  
PARA FINE GENERALES**

Fresas 4 Labios para fine generales  
Seria larga – Corte al centro

**LIST 430**



D	d	/	L	Z	Tool No. Uncoated	Tool No. TiCN	Tool No. TiAlN
1/4	3/8	1-3/4	3-9/16	4	430-8	TC430-8	TA430-8
5/16	3/8	2	3-3/4	4	430-10	TC430-10	TA430-10
3/8	3/8	2-1/2	4-1/4	4	430-12	TC430-12	TA430-12
1/2	1/2	3	5	4	430-16	TC430-16	TA430-16
5/8	5/8	4	6-1/8	4	430-20	TC430-20	TA430-20
3/4	3/4	4	6-1/4	4	430-24	TC430-24	TA430-24
7/8	7/8	5	7-1/4	4	430-28	TC430-28	TA430-28
1	1	6	8-1/2	4	430-32	TC430-32	TA430-32
1-1/4	1-1/4	6	8-1/2	4	430-40	TC430-40	TA430-40
1-1/2	1-1/4	6	8-1/2	6	430-48-6	TC430-48-6	TA430-48-6
1-1/2	1-1/4	8	10-1/2	6	430-48	TC430-48	TA430-48
2	2	6	9-3/4	6	430-64-6	TC 430-64-6	TA 430-64-6
2	2	8	11-3/4	6	430-64-8	TC 430-64-8	TA 430-64-8



**GENERAL PURPOSE HSS END MILLS**

4 Flute general purpose  
Ball Nose end mills  
Regular length – Center Cutting

**FRAISES HSS  
POUR USAGE GÉNÉRAL**

Fraises 4 Dents Hémisphérique  
Pour usage général - Série normale  
Coupe au centre

**FRESAS HSS  
PARA FINE GENERALES**

Fresas 4 Labios Punta Esférica  
Para fine generales - Seria normal  
Corte al Centro

**LIST 450**



D	d	/	L	Z	Tool No. Uncoated	Tool No. TiCN	Tool No. TiAlN
1/4	3/8	5/8	2-7/16	4	450-8	TC450-8	TA450-8
5/16	3/8	3/4	2-1/2	4	450-10	TC450-10	TA450-10
3/8	3/8	3/4	2-1/2	4	450-12	TC450-12	TA450-12
1/2	1/2	1-1/4	3-1/4	4	450-16	TC450-16	TA450-16
5/8	5/8	1-5/8	3-3/4	4	450-20	TC450-20	TA450-20
3/4	3/4	1-5/8	3-7/8	4	450-24	TC450-24	TA450-24
7/8	7/8	1-7/8	4-1/8	4	450-28	TC450-28	TA450-28
1	1	2	4-1/2	4	450-32	TC450-32	TA450-32
1-1/4	1-1/4	2	4-1/2	6	450-40A	TC450-40A	TA450-40A
1-1/4	1-1/4	3	5-1/2	6	450-40-3A	TC450-40-3A	TA450-40-3A

