

**GENERAL PURPOSE HSS END MILLS**

4 Flute general purpose end mills  
Regular length – Center Cutting

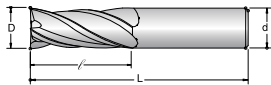
**FRAISES HSS  
POUR USAGE GÉNÉRAL**

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

**FRESAS HSS  
PARA FINE GENERALES**

Fresas 4 Labios para fine generales  
Seria normal – Corte al Centro

**LIST 410**



HSS

30°

WELDON  
FLAT

D	d	/	L	Z	Tool No. Uncoated	Tool No. TiCN	Tool No. TiAIN
1/8	3/8	3/8	2-5/16	4	410-4	TC410-4	TA410-4
3/16	3/8	1/2	2-3/8	4	410-6	TC410-6	TA410-6
1/4	3/8	5/8	2-7/16	4	410-8	TC410-8	TA410-8
5/16	3/8	3/4	2-1/2	4	410-10	TC410-10	TA410-10
3/8	3/8	3/4	2-1/2	4	410-12	TC410-12	TA410-12
1/2	1/2	1-1/4	3-1/4	4	410-16	TC410-16	TA410-16
5/8	5/8	1-5/8	3-3/4	4	410-20	TC410-20	TA410-20
3/4	3/4	1-5/8	3-7/8	4	410-24	TC410-24	TA410-24
7/8	7/8	1-7/8	4-1/8	4	410-28	TC410-28	TA410-28
1	1	2	4-1/2	4	410-32	TC410-32	TA410-32
1-1/4	1-1/4	2	4-1/2	6	410-40A	TC410-40A	TA410-40A
1-1/2	1-1/4	2	4-1/2	6	410-48A	TC410-48A	TA410-48A
2	1-1/4	2	4-1/2	4	410-64	TC410-64	TA410-64
2	1-1/4	2	4-1/2	6	410-64-40A	TC410-64-40A	TA410-64-40A
2	2	3	6-3/4	6	410-64-3	TC410-64-3	TA410-64-3

**GENERAL PURPOSE HSS END MILLS**

4 Flute general purpose end mills  
Medium length – Center Hole

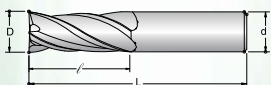
**FRAISES HSS  
POUR USAGE GÉNÉRAL**

Fraises 4 Dents pour usage général  
Série moyenne – Centre non Coupant

**FRESAS HSS  
PARA FINE GENERALES**

Fresas 4 Labios para fine generales  
Seria medio – Sin Corte al Centro

**LIST 415**



HSS

30°

WELDON  
FLAT

D	d	/	L	Z	Tool No. Uncoated	Tool No. TiCN	Tool No. TiAIN
3/16	3/8	3/4	2-5/8	4	415-6	TC415-6	TA415-6
1/4	3/8	1-1/4	3-1/16	4	415-8	TC415-8	TA415-8
5/16	3/8	1-3/8	3-1/8	4	415-10	TC415-10	TA415-10
3/8	3/8	1-1/2	3-1/4	4	415-12	TC415-12	TA415-12
1/2	1/2	2	4	4	415-16	TC415-16	TA415-16
5/8	5/8	2-1/2	4-5/8	4	415-20	TC415-20	TA415-20
3/4	3/4	3	5-1/4	4	415-24	TC415-24	TA415-24
7/8	7/8	3-1/2	5-3/4	4	415-28	TC415-28	TA415-28
1	1	4	6-1/2	4	415-32	TC415-32	TA415-32
1-1/4	1-1/4	4	6-1/2	4	415-40	TC415-40	TA415-40
1-1/4	1-1/4	4	6-1/2	6	415-40A	TC415-40A	TA415-40A
1-1/2	1-1/4	4	6-1/2	4	415-48	TC415-48	TA415-48
1-1/2	1-1/4	4	6-1/2	6	415-48A	TC415-48A	TA415-48A
1-3/4	1-1/4	4	6-1/2	6	415-56	TC415-56	TA415-56
2	1-1/4	4	6-1/2	6	415-64	TC415-64	TA415-64

Items in this list will be discontinued after stock is depleted.