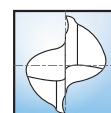


Excellent tool geometry for slotting, keying and general purpose milling, plus the added economy offered by the double-end design.

- 2 helical flutes
- Centre cutting
- Double end with weldon shank

■ 2 FLUTE DOUBLE END REGULAR LENGTH HSCO					
Cutting Diameter	Shank Diameter	Flute Length	Overall Length	Code No.	Price \$
1/8	3/8	3/8	3-1/16	103-180	16.20
5/32	3/8	7/16	3-1/8	103-182	16.20
3/16	3/8	7/16	3-1/8	103-184	16.20
7/32	3/8	1/2	3-1/8	103-186	16.20
1/4	3/8	1/2	3-1/8	103-188	16.20
9/32	3/8	9/16	3-1/8	103-190	16.20
5/16	3/8	9/16	3-1/8	103-192	16.20
11/32	3/8	9/16	3-1/8	103-194	16.20
3/8	3/8	9/16	3-1/8	103-196	16.20
13/32	1/2	9/16	3-1/8	103-198	26.20
7/16	1/2	13/16	3-3/4	103-200	26.20
15/32	1/2	13/16	3-3/4	103-202	26.20
1/2	1/2	13/16	3-3/4	103-204	26.20
9/16	5/8	1-1/8	4-1/2	103-206	40.30
5/8	5/8	1-1/8	4-1/2	103-208	47.70
11/16	3/4	1-5/16	5	103-210	55.60
3/4	3/4	1-5/16	5	103-212	62.00
7/8	3/4	1-9/16	5-1/2	103-216	81.90
1	1	1-5/8	5-7/8	103-220	97.90



Tools under Miniature End Mills have 3/16" shank diameter without flats. Designed with positive rake angle geometry and a high helix angle to insure free cutting action. Flute design provides good strength behind the cutting edge. Suitable for finishing of precision components such as watch, camera and electronic apparatus molds.

■ 2 FLUTE DOUBLE END MINIATURE STUB LENGTH HSCO					
Cutting Diameter	Shank Diameter	Flute Length	Overall Length	Code No.	Price \$
1/32	3/16	3/64	2	103-281	15.40
3/64	3/16	1/16	2	103-282	14.60
1/16	3/16	3/32	2	103-283	13.90
5/64	3/16	1/8	2	103-284	13.90
3/32	3/16	9/64	2	103-285	13.90
7/64	3/16	5/32	2	103-286	13.90
1/8	3/16	3/16	2	103-288	13.90
9/64	3/16	7/32	2	103-289	13.90
5/32	3/16	15/64	2	103-290	13.90
11/64	3/16	1/4	2	103-291	13.90
3/16	3/16	9/32	2	103-292	13.90