

## C601



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C601
1/8	3/8	2.5/16	3/8	2	7647832
3/16	7/16	2.3/8	3/8	2	7647833
1/4	1/2	2.7/16	3/8	2	7647834
5/16	9/16	2.1/2	3/8	2	7647835
3/8	9/16	2.1/2	3/8	2	7647836
7/16	13/16	2.11/16	3/8	2	7647837
1/2	13/16	2.11/16	3/8	2	7647838
1/2	1"	3.1/4	1/2	2	7647839
9/16	1.1/8	3.3/8	1/2	2	7647840
5/8	1.1/8	3.3/8	1/2	2	7647841
5/8	1.5/16	3.3/4	5/8	2	7647844
11/16	1.5/16	3.5/8	1/2	2	7647842
11/16	1.5/16	3.3/4	5/8	2	7647845
3/4	1.5/16	3.5/8	1/2	2	7647843
3/4	1.5/16	3.3/4	5/8	2	7647846
3/4	1.5/16	3.7/8	3/4	2	7647859
13/16	1.1/2	4"	5/8	2	7647847
7/8	1.1/2	4"	5/8	2	7647848
7/8	1.1/2	4.1/8	3/4	2	7647860
7/8	1.1/2	4.1/8	7/8	2	7647851
15/16	1.1/2	4"	5/8	2	7647849
1"	1.1/2	4"	5/8	2	7647850
1"	1.1/2	4.1/8	3/4	2	7647861
1"	1.1/2	4.1/8	7/8	2	7647852
1"	1.5/8	4.1/2	1"	2	7647853
1.1/8	1.5/8	4.1/4	3/4	2	7647862
1.1/8	1.5/8	4.1/2	1"	2	7647854
1.1/4	1.5/8	4.1/2	1"	2	7647855
1.1/4	1.5/8	4.1/2	1.1/4	2	7647857
1.1/2	1.5/8	4.1/4	3/4	2	7647863
1.1/2	1.5/8	4.1/2	1"	2	7647856
1.1/2	1.5/8	4.1/2	1.1/4	2	7647858

## C602



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C602
1/8	3/8	2.5/16	3/8	2	7647864
3/16	7/16	2.3/8	3/8	2	7647865
1/4	1/2	2.7/16	3/8	2	7647866
5/16	9/16	2.1/2	3/8	2	7647867
3/8	9/16	2.1/2	3/8	2	7647868
1/2	1"	3.1/4	1/2	2	7647869
5/8	1.5/16	3.3/4	5/8	2	7647870
3/4	1.5/16	3.7/8	3/4	2	7647871
7/8	1.1/2	4.1/8	7/8	2	7647872
1"	1.5/8	4.1/2	1"	2	7647873

## C606



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C606
1/4	1.1/4	3.1/16	3/8	2	7647899
5/16	1.3/8	3.1/8	3/8	2	7647900
3/8	1.1/2	3.1/4	3/8	2	7647901
1/2	2"	4"	1/2	2	7647902
3/4	3"	5.1/4	3/4	2	7647903

## C600



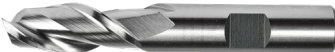
Dia	Flute Length	OAL	Shank Dia	# of Flutes	C600
1/8	3/8	3.1/16	3/8	2	7647759
5/32	7/16	3.1/8	3/8	2	7647820
3/16	7/16	3.1/4	3/8	2	7647821
1/4	1/2	3.3/8	3/8	2	7647822
9/32	9/16	3.3/8	3/8	2	7647823
5/16	9/16	3.1/2	3/8	2	7647824
11/32	9/16	3.1/2	3/8	2	7647825
3/8	9/16	3.1/2	3/8	2	7647826
13/32	13/16	4.1/8	1/2	2	7647827
7/16	13/16	4.1/8	1/2	2	7647828
1/2	13/16	4.1/8	1/2	2	7647829
5/8	1.1/8	5"	5/8	2	7647830
3/4	1.5/16	5.5/8	3/4	2	7647831

## C604



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C604
1/8	3/8	2.5/16	3/8	2	7647883
3/16	1/2	2.3/8	3/8	2	7647884
1/4	5/8	2.7/16	3/8	2	7647885
5/16	3/4	2.1/2	3/8	2	7647886
3/8	3/4	2.1/2	3/8	2	7647887
7/16	1"	3.1/4	1/2	2	7647888
1/2	1"	3.1/4	1/2	2	7647889
9/16	1.1/8	3.3/8	1/2	2	7647890
5/8	1.1/8	3.3/8	1/2	2	7647891
3/4	1.5/16	3.5/8	1/2	2	7647892

## C605



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C605
1/4	5/8	2.7/16	3/8	2	7647893
5/16	3/4	2.1/2	3/8	2	7647894
3/8	3/4	2.1/2	3/8	2	7647895
1/2	1.1/4	3.1/4	1/2	2	7647896
3/4	1.5/8	3.7/8	3/4	2	7647897
1"	2"	4.1/2	1"	2	7647898

## C607



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C607
1/8	3/8	2.5/16	3/8	3	7647904
3/16	1/2	2.3/8	3/8	3	7647905
1/4	5/8	2.7/16	3/8	3	7647906
5/16	3/4	2.1/2	3/8	3	7647907
3/8	3/4	2.1/2	3/8	3	7647908
7/16	1"	2.11/16	3/8	3	7647909
1/2	1.1/4	3.1/4	1/2	3	7647910
9/16	1.3/8	3.3/8	1/2	3	7658817
5/8	1.5/8	3.3/4	5/8	3	7647912
3/4	1.5/8	3.3/4	5/8	3	7647913
3/4	1.5/8	3.7/8	3/4	3	7647916
1"	1.7/8	4"	5/8	3	7647914
1"	2"	4.1/2	1"	3	7647915

## C614



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C614
1/8	3/8	3.1/16	3/8	4	7647965
3/16	1/2	3.1/4	3/8	4	7647966
1/4	5/8	3.3/8	3/8	4	7647967
5/16	3/4	3.1/2	3/8	4	7647968
3/8	3/4	3.1/2	3/8	4	7647969
1/2	1"	4.1/8	1/2	4	7647970
5/8	1.3/8	5"	5/8	4	7647971
3/4	1.5/8	5.5/8	3/4	4	7647972

## C615



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C615
1/8	3/8	2.5/16	3/8	4	7647973
3/16	1/2	2.3/8	3/8	4	7647974
1/4	5/8	2.7/16	3/8	4	7647975
5/16	3/4	2.1/2	3/8	4	7647976
3/8	3/4	2.1/2	3/8	4	7647977
1/2	1.1/4	3.1/4	1/2	4	7647978
5/8	1.5/8	3.3/4	5/8	4	7647979
11/16	1.5/8	3.3/4	5/8	4	7647980
3/4	1.5/8	3.7/8	3/4	4	7647981
7/8	1.7/8	4.1/8	7/8	4	7647982
1"	2"	4.1/2	1"	4	7647983

## C617



Dia	Flute Length	OAL	Shank Dia	# of Flutes	C617
1/8	3/8	2.5/16	3/8	4	7647984
3/16	1/2	2.3/8	3/8	4	7647985
1/4	5/8	2.7/16	3/8	4	7647986
5/16	3/4	2.1/2	3/8	4	7647987
3/8	3/4	2.1/2	3/8	4	7647988
7/16	1"	2.11/16	3/8	4	7647989
1/2	1"	2.11/16	3/8	4	7647990
1/2	1.1/4	3.1/4	1/2	4	7647991
9/16	1.3/8	3.3/8	1/2	4	7647992
5/8	1.3/8	3.3/8	1/2	4	7647993
5/8	1.5/8	3.3/4	5/8	4	7647996
11/16	1.5/8	3.5/8	1/2	4	7647994
11/16	1.5/8	3.3/4	5/8	4	7647997
3/4	1.5/8	3.5/8	1/2	4	7647995
3/4	1.5/8	3.3/4	5/8	4	7647998
3/4	1.5/8	3.7/8	3/4	4	7648005
13/16	1.7/8	4"	5/8	6	7647999
7/8	1.7/8	4"	5/8	6	7648000
7/8	1.7/8	4.1/8	3/4	4	7648006
7/8	1.7/8	4.1/8	7/8	4	7648002
1"	1.7/8	4"	5/8	6	7648001
1"	1.7/8	4.1/8	3/4	4	7648007
1"	1.7/8	4.1/8	7/8	4	7648003
1"	2"	4.1/2	1"	4	7648004

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### C603



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C603
1/8	3/8	2.5/16	3/8	2	7647874
3/16	7/16	2.3/8	3/8	2	7647875
1/4	1/2	2.7/16	3/8	2	7647876
5/16	9/16	2.1/2	3/8	2	7647877
3/8	9/16	2.1/2	3/8	2	7647878
1/2	1"	3.1/4	1/2	2	7647879
5/8	1.5/16	3.3/4	5/8	2	7647880
3/4	1.5/16	3.7/8	3/4	2	7647881
1"	1.5/8	4.1/2	1"	2	7647882

### C618



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C618
1/8	3/8	2.5/16	3/8	4	7648008
3/16	1/2	2.3/8	3/8	4	7648009
1/4	5/8	2.7/16	3/8	4	7648010
5/16	3/4	2.1/2	3/8	4	7648011
3/8	3/4	2.1/2	3/8	4	7648012
1/2	1.1/4	3.1/4	1/2	4	7648013
5/8	1.5/8	3.3/4	5/8	4	7648014
3/4	1.5/8	3.7/8	3/4	4	7648015
1"	2"	4.1/2	1"	4	7648016

### C608 (Roughing)



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C608
1/4	5/8	2.7/16	3/8	4	7647917
5/16	3/4	2.1/2	3/8	4	7647918
3/8	3/4	2.1/2	3/8	4	7647919
7/16	1.1/4	3.1/4	1/2	4	7647920
1/2	1.1/4	3.1/4	1/2	4	7647921
9/16	1.3/8	3.3/8	1/2	4	7647922
5/8	1.5/8	3.3/4	5/8	4	7647923
3/4	1.5/8	3.7/8	3/4	4	7647924
7/8	1.7/8	4.1/8	3/4	5	7647925
1"	2"	4.1/2	1"	5	7647926

### C610 (Roughing)



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C610
1/4	5/8	2.7/16	3/8	4	7647935
5/16	3/4	2.1/2	3/8	4	7647936
3/8	3/4	2.1/2	3/8	4	7647937
7/16	1.1/4	3.1/4	1/2	4	7647938
1/2	1.1/4	3.1/4	1/2	4	7647939
9/16	1.3/8	3.3/8	1/2	4	7647940
5/8	1.5/8	3.3/4	5/8	4	7647941
3/4	1.5/8	3.7/8	3/4	4	7647942
7/8	1.7/8	4.1/8	3/4	5	7647943
1"	2"	4.1/2	1"	5	7647944

### C609 (Roughing) TiCN



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C609
1/4	5/8	2.7/16	3/8	4	7647927
5/16	3/4	2.1/2	3/8	4	7647928
3/8	3/4	2.1/2	3/8	4	7647929
7/16	1.1/4	3.1/4	1/2	4	7647930
1/2	1.1/4	3.1/4	1/2	4	7647931
5/8	1.5/8	3.3/4	5/8	4	7647932
3/4	1.5/8	3.7/8	3/4	4	7647933
1"	2"	4.1/2	1"	5	7647934

### C611 (Roughing) TiCN



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C611
1/4	5/8	2.7/16	3/8	4	7647945
5/16	3/4	2.1/2	3/8	4	7647946
3/8	3/4	2.1/2	3/8	4	7647947
7/16	1.1/4	3.1/4	1/2	4	7647948
1/2	1.1/4	3.1/4	1/2	4	7647949
5/8	1.5/8	3.3/4	5/8	4	7647950
3/4	1.5/8	3.7/8	3/4	4	7647951
7/8	1.7/8	4.1/8	3/4	5	7647952
1"	2"	4.1/2	1"	5	7647953

### C613 (Roughing)



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C613
1/4	1.1/4	3.1/8	3/8	4	7647961
3/8	1.1/2	3.1/4	3/8	4	7647962
1/2	2"	4"	1/2	4	7647963
3/4	3"	5.1/4	3/4	4	7647964

### C612 (Roughing)



Diameter	Flute Length	OAL	Shank Diameter	# of Flutes	C612
1/4	1.1/4	3.1/8	3/8	4	7647954
3/8	1.1/2	3.1/4	3/8	4	7647955
1/2	2"	4"	1/2	4	7647956
5/8	2.1/2	4.5/8	5/8	4	7647957
3/4	3"	5.1/4	3/4	4	7647958
7/8	3.1/2	5.3/4	3/4	6	7647959
1"	4"	6.1/2	1"	5	7647960

**C110 (HSS-E PM)**


Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C110
	1.00	2.5	47	6	2	0353165
	1.50	3	47	6	2	0353172
1/16	1.59	3	47	6	2	0639795
	1.80	4	48	6	2	0353189
	2.00	4	48	6	2	0353301
3/32	2.38	5	49	6	2	0639801
	2.50	5	49	6	2	0353318
	2.80	5	49	6	2	0353325
	3.00	5	49	6	2	0353370
1/8	3.18	6	50	6	2	0639818
	3.50	6	50	6	2	0353387
	3.80	7	51	6	2	0353394
	4.00	7	51	6	2	0353424
	4.50	7	51	6	2	0353431
3/16	4.76	8	52	6	2	0639825 <sup>1)2)</sup>
	4.80	8	52	6	2	0353448 <sup>1)2)</sup>
	5.00	8	52	6	2	0353455
	5.50	8	52	6	2	0353462
	5.75	8	52	6	2	0353479 <sup>1)2)</sup>
	6.00	8	52	6	2	0353486
1/4	6.35	10	60	10	2	0639832
	6.50	10	60	10	2	0353493
	6.75	10	60	10	2	0629031
	7.00	10	60	10	2	0353509
	7.50	10	60	10	2	0353516
	7.75	11	61	10	2	0573495 <sup>1)2)</sup>
5/16	7.94	11	61	10	2	0639849 <sup>1)2)</sup>
	8.00	11	61	10	2	0353523
	8.50	11	61	10	2	0353530
	9.00	11	61	10	2	0353547
	9.50	11	61	10	2	0353554
3/8	9.52	13	63	10	2	0639856
	9.70	13	63	10	2	0573501 <sup>1)2)</sup>
	10.00	13	63	10	2	0353196
13/32	10.32	13	70	12	2	0639863
	10.50	13	70	12	2	0353202
	11.00	13	70	12	2	0353219
7/16	11.11	13	70	12	2	0639870
	11.50	13	70	12	2	0573433
	11.70	16	73	12	2	0573440 <sup>1)2)</sup>
	12.00	16	73	12	2	0353226
	12.50	16	73	12	2	0573457
1/2	12.70	16	73	12	2	0639887
	13.00	16	73	12	2	0353233
17/32	13.49	16	73	12	2	0639894
	13.70	16	73	12	2	0573464 <sup>1)2)</sup>
	14.00	16	73	12	2	0353240
9/16	14.29	16	73	12	2	0639900
	15.00	16	73	12	2	0353257
	15.70	19	79	16	2	0573471 <sup>1)2)</sup>
5/8	15.88	19	79	16	2	0639917 <sup>1)2)</sup>
	16.00	19	79	16	2	0353264
	17.00	19	79	16	2	0353271
11/16	17.46	19	79	16	2	0639924
	17.70	19	79	16	2	0628942
	18.00	19	79	16	2	0353288
	19.00	19	79	16	2	0353295
3/4	19.05	22	88	20	2	0639931
	19.70	22	88	20	2	0628959
	20.00	22	88	20	2	0353332
	21.70	22	88	20	2	0628966
	22.00	22	88	20	2	0353349
7/8	22.22	22	88	20	2	0639948

**C110 continued**

Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C110
	24.00	26	102	25	2	0573488
	24.70	26	102	25	2	0628973
	25.00	26	102	25	2	0353356
1"	25.40	26	102	25	2	0621929
	26.00	26	102	25	2	0628980
	28.00	26	102	25	2	0353363
1.1/8	28.58	26	102	25	2	0639962
	30.00	26	102	25	2	0353400
1.1/4	31.75	32	112	32	2	0639979
	32.00	32	112	32	2	0353417
	35.00	32	112	32	2	0639986 <sup>1)3)</sup>
	36.00	32	112	32	2	0628997 <sup>1)3)</sup>
	40.00	38	130	40	2	0629000 <sup>1)3)</sup>
	45.00	38	130	40	2	0629017 <sup>1)3)</sup>
	50.00	45	147	50	2	0629024 <sup>1)3)</sup>

<sup>1)</sup> Diameter tolerance h10 • <sup>2)</sup> Slot not in P9 tolerance • <sup>3)</sup> Available in HSCo only

**C273 (HSS-E PM)**


Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C273
	2.00	10	54	6	4	0354964
	2.50	12	56	6	4	0354971
	3.00	12	56	6	4	0355022
1/8	3.18	15	59	6	4	0640265 <sup>1)</sup>
	3.50	15	59	6	4	0355039
	4.00	19	63	6	4	0355060
	4.50	19	63	6	4	0355077
3/16	4.76	24	68	6	4	0640272 <sup>1)</sup>
	5.00	24	68	6	4	0355084
	5.50	24	68	6	4	0355091
	6.00	24	68	6	4	0355107
1/4	6.35	30	80	10	4	0640289 <sup>1)</sup>
	7.00	30	80	10	4	0355114
	8.00	38	88	10	4	0355121
	9.00	38	88	10	4	0355138
3/8	9.52	45	95	10	4	0640296 <sup>1)</sup>
	10.00	45	95	10	4	0354889
	11.00	45	102	12	4	0354896
	12.00	53	110	12	4	0354902
1/2	12.70	53	110	12	4	0640302 <sup>1)</sup>
	13.00	53	110	12	4	0354919
	14.00	53	110	12	4	0354926
	15.00	53	110	12	4	0354933
5/8	15.88	63	123	16	4	0640319 <sup>1)</sup>
	16.00	63	123	16	4	0354940
	18.00	63	123	16	4	0354957
3/4	19.05	75	141	20	4	0640326 <sup>1)</sup>
	20.00	75	141	20	4	0354988
	22.00	75	141	20	5	0354995
	25.00	90	166	25	5	0355008
1"	25.40	90	166	25	5	0640340 <sup>1)</sup>
	28.00	90	166	25	6	0355015
	30.00	90	166	25	6	0355046
	32.00	106	186	32	6	0355053
	40.00	125	217	40	6	0609309 <sup>2)3)</sup>

<sup>1)</sup> Diameter tolerance +.0025 inches / -.0005 inches • <sup>2)</sup> Available in HSCo only • <sup>3)</sup> Not Center Cutting

## C346 (HSS-E)



Diameter (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C346
3.00	12	56	6	3	0122297
4.00	19	63	6	3	0122303
5.00	24	68	6	3	0122310
6.00	24	68	6	3	0122327
7.00	30	80	10	3	0126325
8.00	38	88	10	3	0126332
9.00	38	88	10	3	0126349
10.00	45	95	10	3	0126233
11.00	45	102	12	3	0126240
12.00	53	110	12	3	0126257
13.00	53	110	12	3	0126264
14.00	53	110	12	3	0126271
15.00	53	110	12	3	0126288
16.00	63	123	16	3	0126295
18.00	63	123	16	3	0126301
20.00	75	141	20	3	0126318

## C247 (HSS-PM)



Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C247
	2.00	7	51	6	4	0354667
	2.50	8	52	6	4	0354674
	3.00	8	52	6	4	0354728
1/8	3.18	10	54	6	4	0640142 <sup>1)</sup>
	3.50	10	54	6	4	0354735
	4.00	11	55	6	4	0354766
	4.50	11	55	6	4	0354773
3/16	4.76	13	57	6	4	0640159 <sup>1)</sup>
	5.00	13	57	6	4	0354780
	5.50	13	57	6	4	0354797
	6.00	13	57	6	4	0354803
1/4	6.35	16	66	10	4	0640166 <sup>1)</sup>
	6.50	16	66	10	4	0354810
	7.00	16	66	10	4	0354827
	7.50	16	66	10	4	0354834
5/16	7.94	19	69	10	4	0640173 <sup>1)</sup>
	8.00	19	69	10	4	0354841
	8.50	19	69	10	4	0354858
	9.00	19	69	10	4	0354865
	9.50	19	69	10	4	0354872
3/8	9.52	22	72	10	4	0640180 <sup>1)</sup>
	10.00	22	72	10	4	0354582
	11.00	22	79	12	4	0354599
	12.00	26	83	12	4	0354605
1/2	12.70	26	83	12	4	0640197 <sup>1)</sup>
	13.00	26	83	12	4	0354612
	14.00	26	83	12	4	0354629
9/16	14.29	26	83	12	4	0640203 <sup>1)</sup>
	15.00	26	83	12	4	0354636
5/8	15.88	32	92	16	4	0640210 <sup>1)</sup>
	16.00	32	92	16	4	0354643
	17.00	32	92	16	4	0609316
	18.00	32	92	16	4	0354650
	19.00	32	92	16	4	0609323
3/4	19.05	38	104	20	4	0640227 <sup>1)</sup>
	20.00	38	104	20	4	0354681
	21.00	38	104	20	4	0609330

<sup>1)</sup> Diameter tolerance +.0025 inches / -.0005 inches • <sup>2)</sup> Not center Cutting • <sup>3)</sup> Available in HSCo only

## C346 continued

Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C247
	22.00	38	104	20	5	0354698
7/8	22.22	38	104	20	5	0640234 <sup>1)</sup>
	23.00	38	104	20	5	0609347
	24.00	45	121	25	5	0609354
	25.00	45	121	25	5	0354704
1"	25.40	45	121	25	5	0640241 <sup>1)</sup>
	26.00	45	121	25	6	0609361
	28.00	45	121	25	6	0354711
	30.00	45	121	25	6	0354742
	32.00	53	133	32	6	0354759
	36.00	53	133	32	6	0609378 <sup>2)3)</sup>
	40.00	63	155	40	6	0609385 <sup>2)3)</sup>
	50.00	75	177	50	8	0640258 <sup>2)3)</sup>

## C123 (HSS-PM)



Dia (inch)	Dia (mm)	Flute Length (mm)	OAL (mm)	Shank Diameter (mm)	# of Flutes	C123
1/16	1.59	7	51	6	1	0640012 <sup>1)</sup>
	2.00	7	51	6	1	0353646
	2.50	8	52	6	1	0353653
	3.00	8	52	6	1	0353714
1/8	3.18	10	54	6	1	0640029 <sup>1)</sup>
	3.50	10	54	6	1	0353721
5/32	3.97	11	55	6	1	0640036 <sup>1)</sup>
	4.00	11	55	6	1	0353769
	4.50	11	55	6	1	0353776
3/16	4.76	13	57	6	1	0640043 <sup>1)</sup>
	5.00	13	57	6	1	0353790
	5.50	13	57	6	1	0353806
	6.00	13	57	6	1	0353813
1/4	6.35	16	66	10	1	0640050 <sup>1)</sup>
	6.50	16	66	10	1	0353820
	7.00	16	66	10	1	0353837
	7.50	16	66	10	1	0353844
5/16	7.94	19	69	10	1	0640067 <sup>1)</sup>
	8.00	19	69	10	1	0353851
	8.50	19	69	10	1	0353868
	9.00	19	69	10	1	0353875
	9.50	19	69	10	1	0353882
3/8	9.52	22	72	10	1	0640074 <sup>1)</sup>
	10.00	22	72	10	1	0353561
	11.00	22	79	12	1	0353578
	12.00	26	83	12	1	0353585
1/2	12.70	26	83	12	1	0640081 <sup>1)</sup>
	13.00	26	83	12	1	0353592
	14.00	26	83	12	1	0353608
9/16	14.29	26	83	12	1	0640098 <sup>1)</sup>
	15.00	26	83	12	1	0353615
5/8	15.88	32	92	16	1	0640104 <sup>1)</sup>
	16.00	32	92	16	1	0353622
	18.00	32	92	16	1	0353639
3/4	19.05	38	104	20	1	0640111 <sup>2)</sup>
	20.00	38	104	20	1	0353660
	22.00	38	104	20	1	0353677
	25.00	45	121	25	1	0353691
1"	25.40	45	121	25	1	0640128
	30.00	45	121	25	1	0353738
	32.00	53	133	32	1	0353745
	36.00	53	133	32	1	0353752 <sup>3)</sup>
	40.00	63	155	40	1	0353783 <sup>3)</sup>

<sup>1)</sup> Diameter tolerance -.0005 inches / -.0013 inches • <sup>2)</sup> Diameter tolerance -.0005 inches / -.0015 inches  
<sup>3)</sup> Available in HSCo only