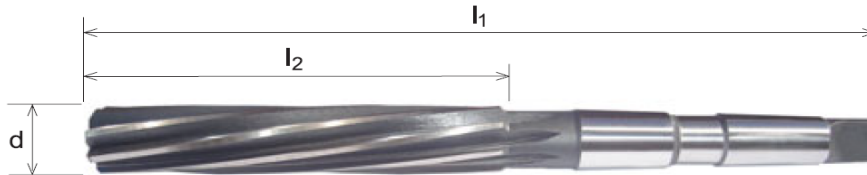


CAPITAL

CUTTING TOOLS



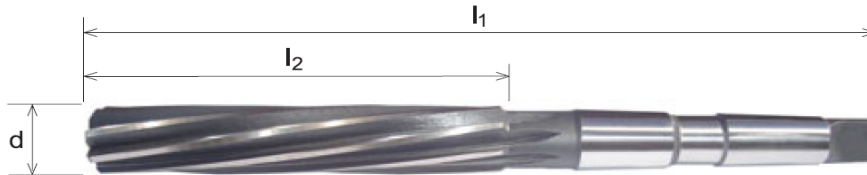
HSS H7 MTS MACHINE REAMERS

Code	Size	l ₂	l ₁	\$ ea.
No. 1 MORSE TAPER SHANK				
603R-00591	1.5	20	63	57.87
603R-00625	1/16	21	64	57.87
603R-00781	5/64	25	69	57.87
603R-00787	2.0	25	69	57.87
603R-00938	3/32	29	77	60.18
603R-00984	2.5	29	77	60.89
603R-01094	7/64	31	89	63.62
603R-01181	3.0	32	115	63.62
603R-01250	1/8	32	115	63.62
603R-01378	3.5	32	115	63.76
603R-01406	9/64	32	115	63.76
603R-01562	5/32	32	115	63.76
603R-01575	4.0	38	120	60.91
603R-01719	11/64	38	120	60.91
603R-01772	4.5	38	120	60.91
603R-01875	3/16	38	120	60.91
603R-01968	5.0	38	120	60.91
603R-02031	13/64	38	120	60.91
603R-02165	5.5	45	127	60.91
603R-02188	7/32	45	127	63.76
603R-02344	15/64	45	127	69.77
603R-02362	6.0	45	127	45.86
603R-02500	1/4	50	130	45.86
603R-02559	6.5	50	130	48.09
603R-02656	17/64	50	130	48.09
603R-02755	7.0	54	134	48.09
603R-02812	9/32	54	134	48.09
603R-02952	7.5	54	134	48.09
603R-02969	19/64	54	134	48.09
603R-03125	5/16	54	134	49.15
603R-03150	8.0	54	134	49.15

Code	Size	l ₂	l ₁	\$ ea.
603R-03281	21/64	54	134	50.49
603R-03346	8.5	54	134	50.49
603R-03438	11/32	62	142	50.93
603R-03543	9.0	62	142	49.17
603R-03594	23/64	62	142	49.17
603R-03740	9.5	62	142	49.17
603R-03750	3/8	66	146	49.17
603R-03906	25/64	66	146	49.17
603R-03937	10.0	66	146	49.86
603R-04062	13/32	66	146	54.47
603R-04134	10.5	66	146	62.25
603R-04219	27/64	66	146	70.29
603R-04331	11.0	71	151	62.25
603R-04375	7/16	71	151	54.47
603R-04528	11.5	71	151	67.56
603R-04531	29/64	71	151	62.47
603R-04688	15/32	76	156	57.33
603R-04724	12.0	76	156	59.46
603R-04844	31/64	76	156	75.44
603R-04921	12.5	76	156	64.50
603R-05000	1/2	76	156	57.30
603R-05118	13.0	76	156	71.81
603R-05156	33/64	76	156	81.08
603R-05312	17/32	81	161	65.49
603R-05314	13.5	81	161	87.72
603R-05469	35/64	81	161	87.72
603R-05512	14.0	81	161	71.37
No. 2 MORSE TAPER SHANK				
603R-05625	9/16	81	181	71.54
603R-05709	14.5	81	181	96.67
603R-05781	37/64	81	181	86.52

CAPITAL

CUTTING TOOLS



HSS H7 MTS MACHINE REAMERS

Code	Size	l ₂	l ₁	\$ ea.
603R-05906	15.0	81	181	93.39
603R-05938	19/32	87	187	88.35
603R-06094	39/64	87	187	104.43
603R-06102	15.5	87	187	104.43
603R-06250	5/8	87	187	76.27
603R-06299	16.0	87	187	93.16
603R-06406	41/64	87	187	104.43
603R-06496	16.5	87	187	104.43
603R-06562	21/32	87	187	93.16
603R-06693	17.0	87	187	93.16
603R-06719	43/64	87	187	104.43
603R-06785	11/16	93	193	88.01
603R-06890	17.5	93	193	123.73
603R-07031	45/64	93	193	123.73
603R-07087	18.0	93	193	115.48
603R-07188	23/32	93	193	112.13
603R-07283	18.5	93	193	130.33
603R-07344	47/64	93	193	130.33
603R-07480	19.0	93	193	121.97
603R-07500	3/4	100	200	101.57
603R-07656	49/64	100	200	139.37
603R-07677	19.5	100	200	139.37
603R-07812	25/32	100	200	139.37
603R-07874	20.0	100	200	121.97
603R-07969	51/64	100	200	140.88
603R-08071	20.5	100	200	121.66
603R-08125	13/16	100	200	108.57
603R-08268	21.0	100	200	156.04
603R-08281	53/64	100	200	172.00
603R-08438	27/32	107	207	172.00
603R-08465	21.5	107	207	145.38
603R-08594	55/64	107	207	172.00

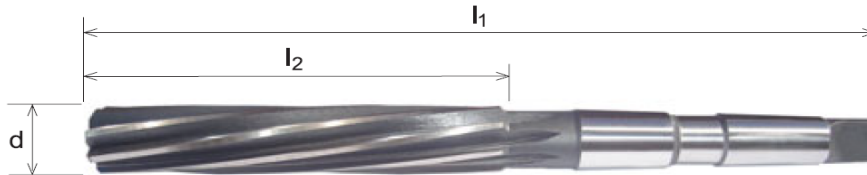
Code	Size	l ₂	l ₁	\$ ea.
603R-08661	22.0	107	207	131.99
603R-08750	7/8	107	207	122.69
603R-08858	22.5	107	207	132.47
603R-08906	57/64	107	207	176.43
603R-09055	23.0	107	207	157.49

No. 3 MORSE TAPER SHANK

Code	Size	l ₂	l ₁	\$ ea.
603R-09062	29/32	107	207	157.49
603R-09219	59/64	107	207	176.43
603R-09252	23.5	107	207	158.47
603R-09375	15/16	115	242	166.95
603R-09449	24.0	115	242	166.95
603R-09531	61/64	115	242	195.18
603R-09646	24.5	115	242	167.43
603R-09688	31/32	115	242	195.18
603R-09843	25.0	115	242	172.70
603R-09844	63/64	115	242	203.59
603R-10000	1"	115	242	193.35
603R-10039	25.5	115	242	174.60
603R-10156	1.1/64	115	242	203.59
603R-10236	26.0	115	242	185.32
603R-10312	1.1/32	115	242	203.59
603R-10433	26.5	115	242	185.32
603R-10469	1.3/64	115	242	203.59
603R-10625	1.1/16	124	251	185.32
603R-10630	27.0	124	251	189.15
603R-10781	1.5/64	124	251	203.59
603R-10827	27.5	124	251	189.15
603R-10938	1.3/32	124	251	203.59
603R-11024	28.0	124	251	191.59
603R-11094	1.7/64	124	251	210.91
603R-11220	28.5	124	251	191.59

CAPITAL

CUTTING TOOLS

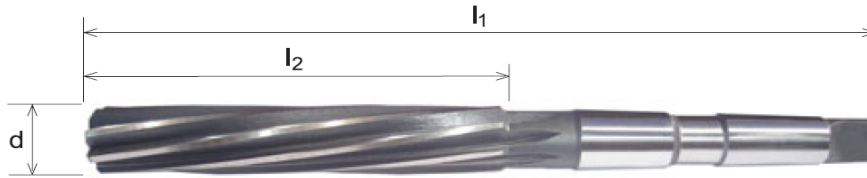


HSS H7 MTS MACHINE REAMERS

Code	Size	l ₂	l ₁	\$ ea.	Code	Size	l ₂	l ₁	\$ ea.
603R-11250	1.1/8	124	251	191.59	603R-14219	1.27/64	142	302	362.98
603R-11406	1.9/64	124	251	230.29	603R-14370	36.5	142	302	312.71
603R-11417	29.0	124	251	191.59	603R-14375	1.7/16	142	302	335.62
603R-11562	1.5/32	124	251	240.43	603R-14531	1.29/64	142	302	409.12
603R-11614	29.5	124	251	240.43	603R-14567	37.0	142	302	335.62
603R-11719	1.11/64	124	251	274.15	603R-14688	1.15/32	142	302	409.12
603R-11811	30.0	124	251	240.43	603R-14764	37.5	142	302	335.62
603R-11875	1.3/16	133	260	240.43	603R-14844	1.31/64	165	310	409.12
603R-12008	30.5	133	260	240.43	603R-14961	38.0	165	310	335.62
603R-12031	1.13/64	133	260	305.96	603R-15000	1.1/2	165	310	392.50
603R-12188	1.7/32	133	260	274.15	603R-15156	1.33/64	165	310	452.75
603R-12205	31.0	133	260	240.43	603R-15157	38.5	165	310	392.50
603R-12344	1.15/64	133	260	305.96	603R-15312	1.17/32	165	310	452.75
603R-12402	31.5	133	260	256.62	603R-15354	39.0	165	310	392.50
603R-12500	1.1/4	133	260	256.62	603R-15469	1.35/64	165	310	528.95
No. 4 MORSE TAPER SHANK					603R-15551	39.5	165	310	392.50
603R-12598	32.0	133	293	256.62	603R-15625	1.9/16	165	310	392.50
603R-12656	1.17/64	133	293	335.18	603R-15748	40.0	165	310	392.50
603R-12795	32.5	133	293	256.62	603R-15781	1.37/64	165	310	546.89
603R-12812	1.9/32	133	293	335.18	603R-15938	1.19/32	165	310	440.50
603R-12969	1.19/64	133	293	335.18	603R-15945	40.5	165	310	440.50
603R-12992	33.0	133	293	256.62	603R-16094	1.39/64	165	310	546.89
603R-13125	1.5/16	133	293	290.29	603R-16142	41.0	165	310	440.50
603R-13281	1.21/64	142	302	335.18	603R-16250	1.5/8	165	310	440.50
603R-13386	34.0	142	302	290.29	603R-16339	41.5	165	310	440.50
603R-13438	1.11/32	142	302	362.98	603R-16406	1.41/64	165	310	553.62
603R-13583	34.5	142	302	312.71	603R-16535	42.0	165	310	489.92
603R-13594	1.23/64	142	302	362.98	603R-16562	1.21/32	165	310	489.92
603R-13750	1.3/8	142	302	312.71	603R-16719	1.43/64	165	310	609.66
603R-13780	35.0	142	302	312.71	603R-16732	42.5	165	310	525.48
603R-13906	1.25/64	142	302	362.98	603R-16875	1.11/16	165	310	525.48
603R-13976	35.5	142	302	312.71	603R-16929	43.0	165	310	525.48
603R-14062	1.13/32	142	302	363.49	603R-17031	1.45/64	165	310	609.66
603R-14173	36.0	142	302	312.71	603R-17126	43.5	165	310	557.48
					603R-17188	1.23/32	165	310	557.48

CAPITAL

CUTTING TOOLS



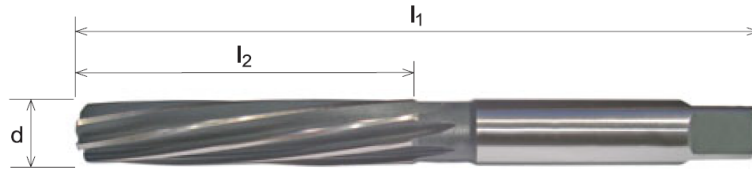
HSS H7 MTS MACHINE REAMERS

Code	Size	l ₂	l ₁	\$ ea.
603R-17323	44.0	165	310	557.48
603R-17500	1.3/4	165	310	557.48
603R-17520	44.5	165	310	630.90
603R-17716	45.0	165	310	559.26
603R-17812	1.25/32	165	310	630.90
603R-17913	45.5	165	310	630.90
603R-18110	46.0	165	310	630.90
603R-18125	1.13/16	165	310	670.32
603R-18307	46.5	165	310	670.32
603R-18438	1.27/32	165	310	670.32
603R-18504	47.0	165	310	670.32
603R-18701	47.5	165	310	670.32
603R-18750	1.7/8	165	310	682.67
603R-18898	48.0	165	310	682.67
603R-19062	1.29/32	165	310	682.67
603R-19094	48.5	165	310	682.67
603R-19291	49.0	165	310	708.13
603R-19375	1.15/16	165	310	708.13
603R-19488	49.5	165	310	717.78
603R-19685	50.0	165	310	717.78
603R-19688	1.31/32	165	310	717.78
603R-19882	50.5	165	310	782.61
603R-20000	2"	165	310	782.61
603R-20079	51.0	165	310	805.20
603R-20312	2.1/32	165	310	805.20
603R-20472	52.0	165	310	819.19
603R-20625	2.1/16	165	310	819.19
603R-20866	53.0	165	310	819.19
603R-21250	2.1/8	165	310	875.26
603R-21260	54.0	165	310	875.26
603R-21654	55.0	165	310	902.26
603R-21875	2.3/16	165	310	902.26

Code	Size	l ₂	l ₁	\$ ea.
603R-22047	56.0	165	310	902.26
603R-22441	57.0	165	310	915.22
603R-22500	2.1/4	165	310	915.22
603R-22835	58.0	165	310	915.22
603R-23125	2.5/16	165	310	915.22
603R-23228	59.0	165	310	936.82
603R-23622	60.0	165	310	936.82
603R-23750	2.3/8	165	310	936.82
603R-24016	61.0	165	310	955.05
603R-24375	2.7/16	165	310	955.05
603R-24409	62.0	165	310	955.05
603R-24803	63.0	165	310	955.05
603R-25000	2.1/2	165	310	977.28
603R-25197	64.0	165	310	977.28
603R-25591	65.0	165	310	985.54
603R-25625	2.9/16	165	310	1060.46
603R-25984	66.0	165	310	1060.46
603R-26250	2.5/8	165	310	1060.46
603R-26378	67.0	165	310	1115.24
603R-26772	68.0	165	310	1115.24
603R-27165	69.0	165	310	1115.24
603R-27500	2.3/4	165	310	1115.24
603R-27599	70.0	165	310	1147.15
603R-27953	71.0	165	310	1147.15
603R-28346	72.0	165	310	1131.24
603R-28740	73.0	165	310	1225.82
603R-28750	2.7/8	165	310	1225.82
603R-29134	74.0	165	310	1225.82
603R-29528	75.0	165	310	1225.82
603R-29921	76.0	165	310	1387.57
603R-30000	3"	165	310	1429.69

CAPITAL

CUTTING TOOLS



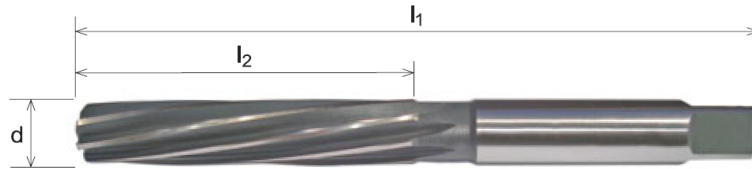
HSS H7 HAND REAMERS

Code	Size	l ₂	l ₁	\$ ea.
601R-00591	1.5	20	41	30.60
601R-00625	1/16	21	44	30.60
601R-00781	5/64	25	50	30.60
601R-00787	2.0	25	50	30.60
601R-00938	3/32	29	58	33.56
601R-00984	2.5	29	58	34.79
601R-01094	7/64	31	62	38.56
601R-01181	3.0	31	62	36.42
601R-01250	1/8	33	66	30.60
601R-01378	3.5	35	71	37.38
601R-01406	9/64	35	71	30.58
601R-01562	5/32	38	76	37.38
601R-01575	4.0	38	76	32.82
601R-01719	11/64	41	81	37.38
601R-01772	4.5	41	81	32.82
601R-01875	3/16	44	87	36.17
601R-01968	5.0	44	87	32.82
601R-02031	13/64	44	87	32.10
601R-02165	5.5	47	93	32.82
601R-02188	7/32	47	93	33.83
601R-02344	15/64	47	93	33.83
601R-02362	6.0	47	93	33.83
601R-02500	1/4	50	100	33.83
601R-02559	6.5	50	100	33.83
601R-02656	17/64	50	100	37.54
601R-02755	7.0	54	107	37.54
601R-02812	9/32	54	107	37.54
601R-02952	7.5	54	107	37.54
601R-02969	19/64	54	107	37.54
601R-03125	5/16	58	115	38.84
601R-03150	8.0	58	115	38.84
601R-03281	21/64	58	115	46.20

Code	Size	l ₂	l ₁	\$ ea.
601R-03346	8.5	58	115	40.94
601R-03438	11/32	62	124	46.20
601R-03543	9.0	62	124	46.20
601R-03594	23/64	62	124	46.20
601R-03740	9.5	62	124	46.20
601R-03750	3/8	66	133	46.20
601R-03906	25/64	66	133	46.20
601R-03937	10.0	66	133	46.20
601R-04062	13/32	66	133	49.83
601R-04134	10.5	66	133	54.26
601R-04219	27/64	71	142	54.26
601R-04331	11.0	71	142	54.26
601R-04375	7/16	71	142	54.26
601R-04528	11.5	71	142	60.13
601R-04531	29/64	71	142	60.13
601R-04688	15/32	76	152	60.13
601R-04724	12.0	76	152	60.13
601R-04844	31/64	76	152	70.67
601R-04921	12.5	76	152	70.67
601R-05000	1/2	76	152	60.13
601R-05118	13.0	76	152	70.67
601R-05156	33/64	76	152	79.35
601R-05312	17/32	81	163	72.90
601R-05314	13.5	81	163	70.67
601R-05469	35/64	81	163	85.31
601R-05512	14.0	81	163	70.67
601R-05625	9/16	81	163	74.22
601R-05709	14.5	81	163	94.97
601R-05781	37/64	81	163	94.97
601R-05906	15.0	81	163	94.97
601R-05938	19/32	87	175	94.97
601R-06094	39/64	87	175	120.82

CAPITAL

CUTTING TOOLS



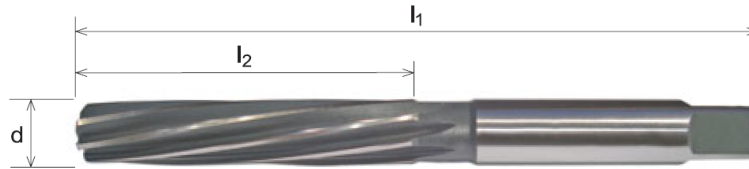
HSS H7 HAND REAMERS

Code	Size	l ₂	l ₁	\$ ea.
601R-06102	15.5	87	175	120.82
601R-06250	5/8	87	175	77.60
601R-06299	16.0	87	175	94.13
601R-06406	41/64	87	175	119.55
601R-06496	16.5	87	175	119.55
601R-06562	21/32	87	175	104.80
601R-06693	17.0	87	175	90.44
601R-06719	43/64	87	175	117.78
601R-06785	11/16	93	188	94.13
601R-06890	17.5	93	188	141.16
601R-07031	45/64	93	188	137.33
601R-07087	18.0	93	188	117.78
601R-07188	23/32	93	188	129.90
601R-07283	18.5	93	188	148.12
601R-07344	47/64	93	188	138.39
601R-07480	19.0	93	188	127.19
601R-07500	3/4	100	201	104.92
601R-07656	49/64	100	201	146.76
601R-07677	19.5	100	201	146.76
601R-07812	25/32	100	201	141.55
601R-07874	20.0	100	201	124.21
601R-07969	51/64	100	201	149.71
601R-08071	20.5	100	201	139.45
601R-08125	13/16	100	201	112.64
601R-08268	21.0	100	201	156.87
601R-08281	53/64	100	201	185.53
601R-08438	27/32	100	201	185.53
601R-08465	21.5	107	215	185.53
601R-08594	55/64	107	215	185.53
601R-08661	22.0	107	215	132.53
601R-08750	7/8	107	215	133.77
601R-08858	22.5	107	215	137.93

Code	Size	l ₂	l ₁	\$ ea.
601R-08906	57/64	107	215	185.32
601R-09055	23.0	107	215	164.32
601R-09062	29/32	107	215	164.32
601R-09219	59/64	107	215	185.46
601R-09252	23.5	107	215	185.46
601R-09375	15/16	115	231	168.45
601R-09449	24.0	115	231	168.45
601R-09531	61/64	115	231	201.86
601R-09646	24.5	115	231	185.19
601R-09688	31/32	115	231	204.01
601R-09843	25.0	115	231	176.43
601R-09844	63/64	115	231	213.04
601R-10000	1"	115	231	195.11
601R-10039	25.5	115	231	248.37
601R-10236	26.0	115	231	248.37
601R-10433	26.5	115	231	248.20
601R-10625	1.1/16	115	231	248.20
601R-10630	27.0	115	231	251.65
601R-10827	27.5	124	247	260.79
601R-11024	28.0	115	231	255.00
601R-11220	28.5	115	231	260.79
601R-11250	1.1/8	115	231	255.00
601R-11417	29.0	115	231	255.00
601R-11614	29.5	115	231	304.20
601R-11811	30.0	115	231	300.80
601R-11875	1.3/16	115	231	304.20
601R-12008	30.5	115	231	283.77
601R-12205	31.0	133	265	283.77
601R-12402	31.5	133	265	296.13
601R-12500	1.1/4	133	265	313.89
601R-12598	32.0	133	265	313.89
601R-12795	32.5	133	265	296.13

CAPITAL

CUTTING TOOLS



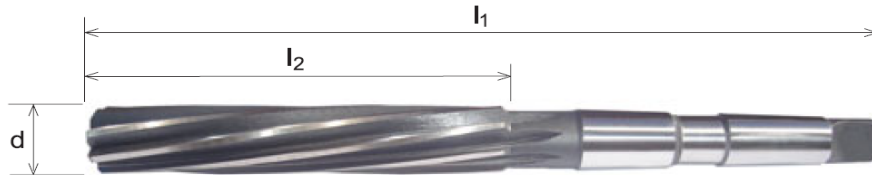
HSS H7 HAND REAMERS

Code	Size	l ₂	l ₁	\$ ea.
601R-12992	33.0	133	265	313.89
601R-13125	1.5/16	133	265	326.64
601R-13189	33.5	133	265	326.64
601R-13386	34.0	133	265	346.23
601R-13583	34.5	133	265	346.40
601R-13750	1.3/8	133	265	367.18
601R-13780	35.0	133	265	367.18
601R-13976	35.5	133	265	346.40
601R-14173	36.0	142	284	346.40
601R-14370	36.5	142	284	346.40
601R-14375	1.7/16	142	284	363.19
601R-14567	37.0	142	284	366.43
601R-14764	37.5	142	284	366.43
601R-14961	38.0	142	284	366.43
601R-15000	1.1/2	142	284	370.28
601R-15157	38.5	142	284	370.28
601R-15354	39.0	142	284	370.28
601R-15551	39.5	142	284	370.28
601R-15625	1.9/16	142	284	370.28
601R-15748	40.0	142	284	370.28
601R-15945	40.5	142	284	415.57
601R-16142	41.0	142	284	415.57
601R-16250	1.5/8	142	284	415.57
601R-16339	41.5	142	284	415.57

Code	Size	l ₂	l ₁	\$ ea.
601R-16535	42.0	142	284	462.19
601R-16732	42.5	142	284	495.74
601R-16875	1.11/16	142	284	525.92
601R-16929	43.0	142	284	525.92
601R-17126	43.5	153	297	525.92
601R-17323	44.0	153	297	595.19
601R-17500	1.3/4	153	297	527.60
601R-17520	44.5	153	297	595.19
601R-17716	45.0	153	297	595.19
601R-17913	45.5	153	297	632.37
601R-18110	46.0	153	297	632.37
601R-18125	1.13/16	153	297	632.37
601R-18307	46.5	153	297	632.52
601R-18504	47.0	153	297	632.37
601R-18701	47.5	164	308	632.37
601R-18750	1.7/8	164	308	644.03
601R-18898	48.0	164	308	644.03
601R-19094	48.5	164	308	644.03
601R-19291	49.0	164	308	668.05
601R-19375	1.15/16	164	308	668.05
601R-19488	49.5	164	308	677.15
601R-19685	50.0	164	308	677.15
601R-20000	2"	164	308	738.31

CAPITAL

CUTTING TOOLS



REAMERS EXTRA LENGTH - MACHINE HSS H7

Code	Size	l ₂	l ₁	\$ ea.
100mm FLUTE LENGTH				
No. 1 MORSE TAPER SHANK				
R100-01575	4.0	100	180	79.92
R100-01968	5.0	100	180	86.23
R100-02362	6.0	100	180	94.21
R100-02755	7.0	100	180	96.77
R100-03150	8.0	100	180	101.58
R100-03543	9.0	100	180	105.05
R100-03937	10.0	100	180	108.95
R100-04331	11.0	100	180	112.71
R100-04724	12.0	100	180	123.86

200mm FLUTE LENGTH				
No. 1 MORSE TAPER SHANK				
R200-03150	8.0	200	280	160.57
R200-03543	9.0	200	280	172.96
R200-03937	10.0	200	280	177.98
R200-04331	11.0	200	280	187.20
R200-04724	12.0	200	280	201.09
R200-05118	13.0	200	280	208.37
R200-05512	14.0	200	280	213.37
No. 2 MORSE TAPER SHANK				
R200-05906	15.0	200	300	219.79
R200-06299	16.0	200	300	226.93
R200-06693	17.0	200	300	230.36
R200-07087	18.0	200	300	235.75
R200-07480	19.0	200	300	237.78
R200-07874	20.0	200	300	242.74
R200-08268	21.0	200	300	261.33
R200-08661	22.0	200	300	274.63
R200-09055	23.0	200	300	293.95

Code	Size	l ₂	l ₁	\$ ea.
No. 3 MORSE TAPER SHANK				
R200-09449	24.0	200	320	311.00
R200-09843	25.0	200	320	323.63
R200-10236	26.0	200	320	342.03
R200-10630	27.0	200	320	362.17
R200-11024	28.0	200	320	373.52
R200-11417	29.0	200	320	417.77
R200-11811	30.0	200	320	427.24

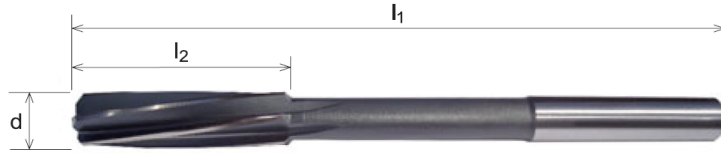
300mm FLUTE LENGTH				
No. 1 MORSE TAPER SHANK				
R300-04724	12.0	300	380	236.57
R300-05118	13.0	300	380	245.14
R300-05512	14.0	300	380	251.02

No. 2 MORSE TAPER SHANK				
R300-05906	15.0	300	400	257.99
R300-06299	16.0	300	400	266.96
R300-06693	17.0	300	400	271.03
R300-07087	18.0	300	400	277.36
R300-07480	19.0	300	400	280.82
R300-07874	20.0	300	400	289.85
R300-08268	21.0	300	400	307.45
R300-08661	22.0	300	400	323.36
R300-09055	23.0	300	400	345.84

No. 3 MORSE TAPER SHANK				
R300-09449	24.0	300	420	365.91
R300-09843	25.0	300	420	380.74
R300-10236	26.0	300	420	402.41
R300-10630	27.0	300	420	426.04
R300-11024	28.0	300	420	439.43
R300-11417	29.0	300	420	491.51
R300-11811	30.0	300	420	502.64

CAPITAL

CUTTING TOOLS



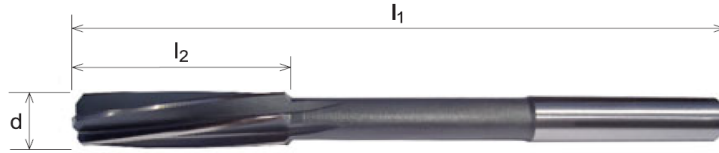
CHUCKING REAMERS H7 HSS Co - STRAIGHT SHANK

Code	Size	l ₂	l ₁	\$ ea.
RCM2.0	2.0	11	49	27.87
RCM2.1	2.1	11	49	23.06
RCM2.2	2.2	12	53	23.06
RCM2.3	2.3	12	53	23.06
RCM2.4	2.4	14	57	23.06
RCM2.5	2.5	14	57	12.78
RCM2.6	2.6	14	57	23.06
RCM2.7	2.7	15	61	23.06
RCM2.8	2.8	15	61	23.06
RCM2.9	2.9	15	61	23.06
RCM3.0	3.0	15	61	12.96
RCM3.1	3.1	16	65	24.01
RCIA	1/8	16	65	24.01
RCM3.2	3.2	16	65	24.01
RCM3.3	3.3	16	65	24.01
RCM3.4	3.4	18	70	24.01
RCM3.5	3.5	18	70	13.22
RCIB	9/64	18	70	24.01
RCM3.6	3.6	18	70	30.41
RCM3.7	3.7	18	70	30.41
RCM3.8	3.8	19	75	30.41
RCM3.9	3.9	19	75	30.41
RCIC	5/32	19	75	24.01
RCM4.0	4.0	19	75	20.74
RCM4.1	4.1	19	75	30.41
RCM4.2	4.2	19	75	30.41
RCM4.3	4.3	21	80	30.41
RCID	11/64	21	80	24.01
RCM4.4	4.4	21	80	30.41
RCM4.5	4.5	21	80	22.79
RCM4.6	4.6	21	80	30.41
RCM4.7	4.7	21	80	30.41

Code	Size	l ₂	l ₁	\$ ea.
RCIE	3/16	23	86	24.83
RCM4.8	4.8	23	86	32.40
RCM4.9	4.9	23	86	32.40
RCM5.0	5.0	23	86	23.52
RCM5.1	5.1	23	86	32.40
RCIF	13/64	23	86	24.83
RCM5.2	5.2	23	86	32.40
RCM5.3	5.3	23	86	32.40
RCM5.4	5.4	26	93	32.40
RCM5.5	5.5	26	93	24.05
RCIH	7/32	26	93	24.83
RCM5.6	5.6	26	93	32.40
RCM5.7	5.7	26	93	32.40
RCM5.8	5.8	26	93	32.40
RCM5.9	5.9	26	93	32.40
RCII	15/64	26	93	24.83
RCM6.0	6.0	26	93	24.83
RCM6.1	6.1	28	101	33.15
RCM6.2	6.2	28	101	33.15
RCM6.3	6.3	28	101	33.15
RCIJ	1/4	28	101	24.83
RCM6.4	6.4	28	101	33.15
RCM6.5	6.5	28	101	26.39
RCM6.6	6.6	28	101	35.07
RCM6.7	6.7	28	101	35.07
RCIK	17/64	28	101	35.07
RCM6.8	6.8	31	109	35.07
RCM6.9	6.9	31	109	35.07
RCM7.0	7.0	31	109	27.77
RCM7.1	7.1	31	109	35.07
RCIL	9/32	31	109	35.07
RCM7.2	7.2	31	109	35.07

CAPITAL

CUTTING TOOLS



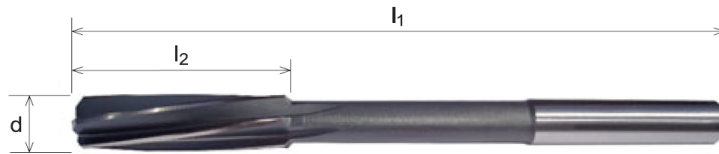
CHUCKING REAMERS H7 HSS Co - STRAIGHT SHANK

Code	Size	l ₂	l ₁	\$ ea.
RCM7.3	7.3	31	109	35.07
RCM7.4	7.4	31	109	35.07
RCM7.5	7.5	31	109	27.77
RCM7.6	7.6	33	117	36.20
RCM7.7	7.7	33	117	36.20
RCM7.8	7.8	33	117	36.20
RCM7.9	7.9	33	117	36.20
RCIM	5/16	33	117	28.89
RCM8.0	8.0	33	117	28.89
RCM8.1	8.1	33	117	38.05
RCM8.2	8.2	33	117	38.05
RCM8.3	8.3	33	117	38.05
RCM8.4	8.4	33	117	38.05
RCM8.5	8.5	33	117	31.56
RCM8.6	8.6	36	125	40.09
RCM8.7	8.7	36	125	40.09
RCIN	11/32	36	125	40.09
RCM8.8	8.8	36	125	40.09
RCM8.9	8.9	36	125	40.09
RCM9.0	9.0	36	125	31.83
RCM9.1	9.1	36	125	40.09
RCM9.2	9.2	36	125	40.09
RCM9.3	9.3	36	125	40.09
RCM9.4	9.4	36	125	40.09
RCM9.5	9.5	36	125	35.15
RCIO	3/8	38	133	41.38
RCM9.6	9.6	38	133	41.38
RCM9.7	9.7	38	133	41.38
RCM9.8	9.8	38	133	48.44
RCM9.9	9.9	38	133	48.44
RCM10.0	10.0	38	133	39.60
RCM10.1	10.1	38	133	50.20

Code	Size	l ₂	l ₁	\$ ea.
RCM10.2	10.2	38	133	50.20
RCM10.3	10.3	38	133	50.20
RCIP	13/32	38	133	44.39
RCM10.4	10.4	38	133	50.20
RCM10.5	10.5	38	133	40.85
RCM10.6	10.6	38	133	50.97
RCM10.7	10.7	41	142	50.97
RCM10.8	10.8	41	142	50.97
RCM10.9	10.9	41	142	50.97
RCM11.0	11.0	41	142	44.39
RCM11.1	11.1	41	142	44.39
RCIQ	7/16	41	142	44.39
RCM11.2	11.2	41	142	55.20
RCM11.3	11.3	41	142	55.20
RCM11.4	11.4	41	142	55.20
RCM11.5	11.5	41	142	44.39
RCM11.6	11.6	41	142	55.20
RCM11.7	11.7	41	142	55.20
RCM11.8	11.8	41	142	55.20
RCM11.9	11.9	44	151	55.20
RCIR	15/32	44	151	58.22
RCM12.0	12.0	44	151	49.17
RCM12.1	12.1	44	151	61.56
RCM12.2	12.2	44	151	61.56
RCM12.3	12.3	44	151	61.56
RCM12.4	12.4	44	151	61.56
RCM12.5	12.5	44	151	51.68
RCM12.6	12.6	44	151	64.44
RCM12.7	12.7	44	151	64.44
RCIS	1/2	44	151	51.68
RCM12.8	12.8	44	151	64.44
RCM12.9	12.9	44	151	64.44

CAPITAL

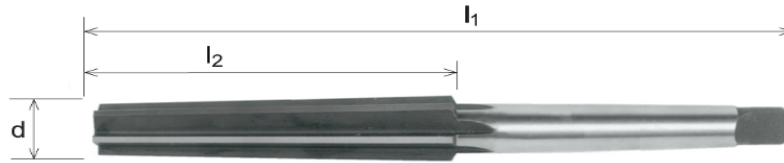
CUTTING TOOLS



CHUCKING REAMERS H7 HSS Co - STRAIGHT SHANK

Code	Size	l ₂	l ₁	\$ ea.
RCM13.0	13.0	44	151	51.68
RCM13.5	13.5	47	160	53.99
RCM14.0	14.0	47	160	56.45
RCIT	9/16	50	162	63.77
RCM14.5	14.5	50	162	63.77
RCM15.0	15.0	50	162	63.77
RCM15.5	15.5	52	170	68.49
RCIU	5/8	52	170	68.49
RCM16.0	16.0	52	170	68.49
RCM16.5	16.5	54	175	105.63
RCM17.0	17.0	54	175	109.19
RCM17.5	17.5	56	182	138.03

Code	Size	l ₂	l ₁	\$ ea.
RCM18.0	18.0	56	182	130.25
RCM18.5	18.5	58	189	144.24
RCM19.0	19.0	58	189	136.36
RCIV	3/4	60	195	117.11
RCM19.5	19.5	60	195	159.88
RCM20.0	20.0	60	195	144.31
RCM21.0	21.0	63	202	175.61
RCM22.0	22.0	63	202	152.92
RCM23.0	23.0	63	202	176.97
RCM24.0	24.0	63	202	185.88
RCM25.0	25.0	63	202	191.31
RCIW	1"	63	202	210.80



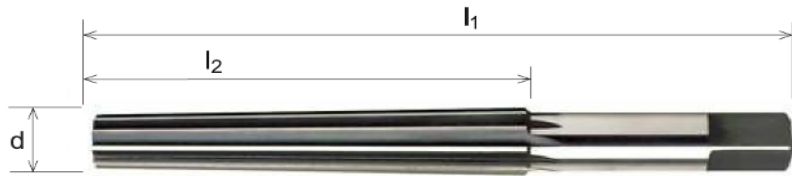
MTS TAPER SOCKET REAMERS IMPERIAL

Code	Size	l_2	l_1	\$ ea.
ROUGHING				
No. 1 MORSE TAPER SHANK				
R611-00R	0	61	137	112.90
R611-10R	1	66	142	137.33
No. 2 MORSE TAPER SHANK				
R611-20R	2	79	173	203.70
No. 3 MORSE TAPER SHANK				
R611-30R	3	96	212	329.84
No. 4 MORSE TAPER SHANK				
R611-40R	4	119	263	513.64
No. 5 MORSE TAPER SHANK				
R611-50R	5	150	331	732.95

Code	Size	l_2	l_1	\$ ea.
FINISHING				
No. 1 MORSE TAPER SHANK				
R612-00F	0	61	137	106.93
R612-10F	1	66	142	127.76
No. 2 MORSE TAPER SHANK				
R612-20F	2	79	173	194.05
No. 3 MORSE TAPER SHANK				
R612-30F	3	96	212	297.80
No. 4 MORSE TAPER SHANK				
R612-40F	4	119	263	504.23
No. 5 MORSE TAPER SHANK				
R612-50F	5	150	331	718.43

CAPITAL

CUTTING TOOLS



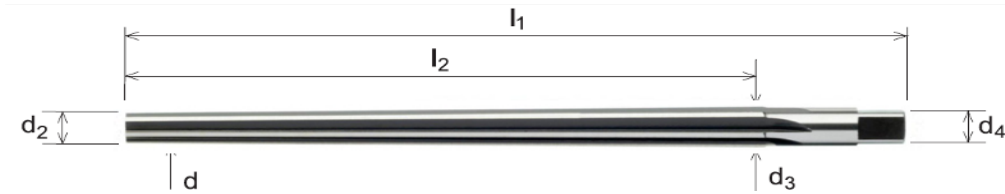
HAND TAPER SOCKET REAMERS IMPERIAL

Code	Size	l ₂	l ₁	\$ ea.
ROUGHING				
1/2" SHANK				
R613-00R	0	61	122	112.90
R613-10R	1	66	127	137.33
1/2" SHANK				
R613-20R	2	79	153	203.70
16mm SHANK				
R613-30R	3	96	187	329.84
20mm SHANK				
R613-40R	4	119	233	513.64
25mm SHANK				
R613-50R	5	150	296	732.95

Code	Size	l ₂	l ₁	\$ ea.
FINISHING				
1/2" SHANK				
R614-00F	0	61	122	106.93
R614-10F	1	66	127	127.76
1/2" SHANK				
R614-20F	2	79	153	194.05
16mm SHANK				
R614-30F	3	96	187	297.80
20mm SHANK				
R614-40F	4	119	233	504.23
25mm SHANK				
R614-50F	5	150	296	718.43

CAPITAL

CUTTING TOOLS



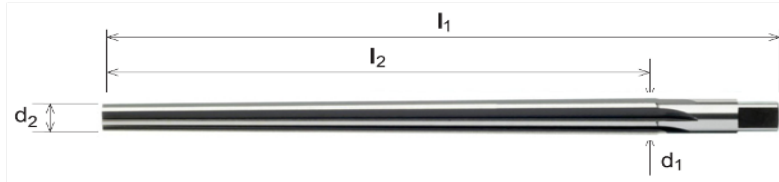
HAND TAPER PIN REAMERS - STRAIGHT FLUTE 50:1

STRAIGHT SHANK H7 HSS

Code	Size	d_2	d_3	d_4	l_2	l_1	\$ ea.
R605-2	2.0	1.9	2.9	3.2	48	68	57.07
R605-2.5	2.5	2.4	3.4	3.2	48	68	57.07
R605-3	3.0	2.9	4.1	4.0	58	80	51.02
R605-4	4.0	3.9	5.3	5.0	68	93	51.02
R605-5	5.0	4.9	6.4	6.3	73	100	51.02
R605-6	6.0	5.9	8.0	8.0	105	135	52.91
R605-8	8.0	7.9	10.8	10.0	145	180	64.36
R605-10	10.0	9.9	13.4	12.5	175	215	88.53
R605-12	12.0	11.8	16.0	14.0	210	255	121.10
R605-13	13.0	12.8	17.0	15.0	210	255	123.69
R605-14	14.0	13.8	18.0	16.0	210	255	181.54
R605-16	16.0	15.8	20.4	18.0	230	280	243.74
R605-18	18.0	17.8	22.6	20.2	240	295	272.65
R605-20	20.0	19.8	24.8	22.4	250	310	299.08
R605-25	25.0	24.7	30.7	28.0	300	370	448.19

CAPITAL

CUTTING TOOLS



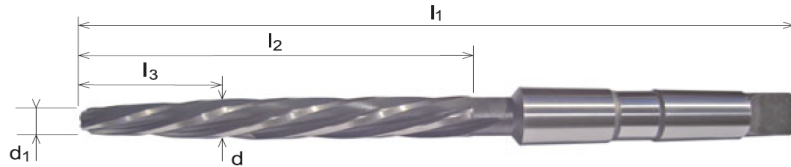
HAND TAPER PIN REAMERS - STRAIGHT FLUTE 48:1

STRAIGHT SHANK H7 HSS

Code	Nominal Dia.	Number Series	d_1	d_2	l_2	l_1	\$ ea.
R606-00625	1/16	7/0	1.63	1.1	25.4	50.8	46.31
R606-00781	5/64	6/0	2.03	1.5	25.4	50.8	46.31
R606-00938	3/32	5/0	2.41	1.75	31.80	57.2	41.07
R606-01094	7/64	4/0	2.82	2.03	38.1	63.5	41.07
R606-01250	1/8	3/0	3.23	2.29	44.5	69.9	41.07
R606-01406	9/64	2/0	3.63	2.64	47.6	73.0	41.07
R606-01562	5/32	0	4.01	2.95	50.8	76.2	42.71
R606-01719	11/64	1	4.42	3.23	52.2	88.9	42.71
R606-01875	3/16	2	4.95	3.5	69.9	101.6	42.71
R606-02188	7/32	3	5.59	4.13	69.9	101.6	42.71
R606-02500	1/4	4	6.43	4.64	85.7	117.5	44.38
R606-02812	9/32	5	7.42	5.23	104.8	142.9	46.00
R606-03125	5/16		8.03	5.84	104.8	142.9	50.14
R606-03438	11/32	6	8.81	6.43	114.3	152.4	50.14
R606-03750	3/8		9.68	7.03	127.0	165.1	62.44
R606-04062	13/32	7	10.46	7.42	146.1	190.5	62.44
R606-04375	7/16		11.25	8.21	146.1	190.5	100.62
R606-05000	1/2	8	12.85	9.41	165.1	209.6	101.84
R606-05625	9/16	9	14.50	10.93	171.5	215.9	169.83
R606-06250	5/8		16.08	12.11	190.5	235.0	217.06
R606-07500	3/4	10	19.30	14.67	222.3	273.1	227.54
R606-08750	7/8	11	22.48	17.45	241.3	304.8	289.60
R606-10000	1"	12	26.67	21.39	254.0	346.1	513.30
R606-11250	1.1/8	13	31.98	25.63	304.8	406.4	592.27
R606-12500	1.1/4	14	39.17	31.75	355.6	463.55	639.95
R606-13750	1.3/8	15	39.17	31.75	355.6	463.55	785.27

CAPITAL

CUTTING TOOLS

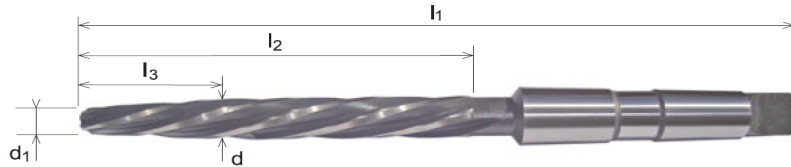


MTS BRIDGE REAMERS

Code	Size (d)	d_1	l_2	l_1	l_3	\$ ea.
No. 1 MORSE TAPER SHANK						
607R-03543	9.0	5.4	90	166	36	123.69
607R-04094	10.4	6.6	95	171	38	129.58
607R-04331	11.0	7.0	100	176	40	132.87
No. 2 MORSE TAPER SHANK						
607R-04724	12	7.8	105	199	42	141.48
607R-05000	1/2	7.8	105	199	42	148.66
607R-05118	13	8.8	105	199	42	148.66
607R-05512	14	9.4	115	209	46	149.77
607R-05625	9/16	9.6	115	209	46	149.77
607R-05906	15	10.0	125	219	50	173.23
607R-06250	5/8	10.2	135	229	50	149.77
607R-06299	16	10.6	135	229	50	173.23
No. 3 MORSE TAPER SHANK						
607R-06693	17	11.6	135	251	54	189.16
607R-06875	11/16	11.8	135	251	54	189.16
607R-07087	18	12.2	145	261	58	194.98
607R-07480	19	13.2	145	261	58	194.98
607R-07500	3/4	13.2	145	261	58	194.98
607R-07874	20	13.8	155	271	62	203.19
607R-08125	13/16	14.2	155	271	62	203.19
607R-08268	21	14.8	155	271	62	203.19
607R-08661	22	15.4	165	281	66	232.96
607R-08750	7/8	15.8	165	281	66	232.96
607R-09055	23	16.4	165	281	66	260.58
607R-09375	15/16	16.6	165	281	66	260.58

CAPITAL

CUTTING TOOLS



MTS BRIDGE REAMERS

Code	Size (d)	d_1	l_2	l_1	l_3	\$ ea.
No. 3 MORSE TAPER SHANK						
607R-09449	24	16.8	180	296	72	260.58
607R-09843	25	17.8	180	296	72	263.40
607R-10000	1"	18.2	180	296	72	263.40
607R-10236	26	18.8	180	296	72	320.30
607R-10630	27	19.2	195	311	78	328.31
607R-11024	28	20.2	195	311	78	380.74
607R-11625	1.1/8	21.2	195	311	78	380.74
607R-11811	30	22.2	195	311	78	393.22
607R-12500	1.1/4	23.1	195	311	78	435.12
No. 4 MORSE TAPER SHANK						
607R-12598	32	23.6	210	354	84	458.36
607R-12992	33	24.6	210	354	84	466.73
607R-13386	34	25.2	220	364	88	514.25
607R-13750	1.3/8	26.2	220	364	88	514.25
607R-14567	37	28.2	220	364	88	561.63
607R-14961	38	28.8	230	374	92	617.75
607R-15000	1.1/2	28.8	230	374	92	673.63
607R-15748	40	30.8	230	374	92	760.77