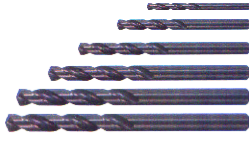


Straight shank drill



Material				
HSS General				
Dimension			Price	
Edge Size	Edge Long	Overall length	LIST 500	SUS
0.2	3	19	52	-
0.3	3.5	20	29	-
0.4	5.5	24	24	-
0.5	7.5	27	16.5	18.8
0.6	8.5	30	17.5	15.5
0.7	10	32	11.5	12.5
0.8	11	34	11	9.5
0.9	13	36	11	9.5
1.0	18	40	11	8.8
1.1	20	42	11	8
1.2	20	42	11	8
1.3	22	45	11	8
1.4	23	48	11	8
1.5	23	48	11	8
1.6	25	50	11	8
1.7	25	50	11	8
1.8	28	52	11	8
1.9	28	52	11	8
2.0	29	55	10.5	8
2.1	29	55	10.5	8
2.2	33	58	10.5	8
2.3	33	58	10.5	8
2.4	35	61	10.5	8
2.5	35	61	10.5	8
2.6	37	64	10.5	8
2.7	37	64	10.5	8
2.8	39	67	10.5	8
2.9	42	71	10.5	8
3.0	42	71	10	8
3.1	42	71	11.5	8.5
3.2	42	71	11.5	8.5
3.3	45	73	11.5	8.5
3.4	45	73	11.5	8.5
3.5	45	73	11.5	8.5
3.6	48	76	13	9.5
3.7	48	76	13	9.5
3.8	48	76	13	9.5
3.9	51	79	13	9.5
4.0	54	83	13	9.5
4.1	54	83	15.5	11.3
4.2	54	83	15.5	11.3
4.3	54	83	15.5	11.3
4.4	56	86	15.5	11.3
4.5	56	86	15.5	11.3
4.6	56	86	18	13
4.7	59	89	18	13
4.8	59	89	18	13
4.9	62	92	18	13
5.0	62	92	18	13
5.1	62	92	21	15
5.2	64	95	21	15
5.3	64	95	21	15
5.4	64	95	21	15
5.5	64	95	21	15
5.6	67	98	24	18
5.7	67	98	24	18
5.8	67	98	24	18
5.9	67	98	24	18
6.0	70	102	24	18
6.1	70	102	27.5	20
6.2	70	102	27.5	20
6.3	70	102	27.5	20
6.4	73	105	27.5	20
6.5	73	105	27.5	20
6.6	73	105	31	23.3
6.7	73	105	31	23.3
6.8	73	105	31	23.3
6.9	73	105	31	23.3
7.0	73	105	31	23.3
7.1	75	108	35.5	28.8
7.2	75	108	35.5	28.8
7.3	75	108	35.5	28.8
7.4	78	111	35.5	28.8



Dimension			Price	
Edge Size	Edge Long	Overall length	LIST 500	SUS
7.5	78	111	35.5	27.5
7.6	78	111	39	31.3
7.7	81	114	39	31.3
7.8	81	114	39	31.3
7.9	81	114	39	31.3
8.0	81	114	39	28.8
8.1	84	117	43.5	36.3
8.2	84	117	43.5	36.3
8.3	84	117	43.5	36.3
8.4	87	121	43.5	36.3
8.5	87	121	43.5	35
8.6	87	121	49	40
8.7	87	121	49	40
8.8	89	124	49	40
8.9	89	124	49	40
9.0	89	124	49	37.5
9.1	89	124	56.5	47.5
9.2	92	127	56.5	47.5
9.3	92	127	56.5	47.5
9.4	92	127	56.5	47.5
9.5	92	127	56.5	45
9.6	95	130	62.5	50
9.7	95	130	62.5	50
9.8	95	130	62.5	50
9.9	95	130	62.5	50
10.0	95	130	62	47.5
10.1	98	133	70	60
10.2	98	133	70	60
10.3	98	133	70	60
10.4	98	133	70	60
10.5	100	137	70	57.5
10.6	100	137	77.5	72.5
10.7	100	137	77.5	72.5
10.8	103	140	77.5	72.5
10.9	103	140	77.5	72.5
11.0	103	140	77.5	60
11.1	103	140	84.5	77.5
11.2	106	143	84.5	77.5
11.3	106	143	84.5	77.5
11.4	106	143	84.5	77.5
11.5	106	143	84.5	70
11.6	109	146	93	82.5
11.7	109	146	93	82.5
11.8	109	146	93	82.5
11.9	109	146	93	82.5
12.0	111	149	93	75
12.1	111	149	99.5	90
12.2	111	149	99.5	90
12.3	111	149	99.5	90
12.4	114	152	99.5	90
12.5	114	152	99.5	85
12.6	114	152	107.5	95
12.7	114	152	107.5	95
12.8	114	152	107.5	95
12.9	114	152	107.5	95
13.0	114	152	107.5	85
13.5	122	168	162	
14.0	122	168	169	
14.5	122	168	196	
15.0	132	181	200.5	
15.5	132	181	210.5	
16.0	132	181	219.5	
16.5	132	181	234	
17.0	143	194	250	
17.5	143	194	261	

Straight shank drill lengthening



Material				
HSS General				
Dimension			Price	
Edge Size	Edge Long	Overall length	LIST 500	SUS
1.0	35	75	43	47.5
	40	100	51	60
1.1	35	75	44	47.5
	40	100	53	60
1.2	35	75	41	47.5
	40	100	49	60
1.3	35	75	39	47.5
	40	100	49	60
1.4	35	75	38	47.5
	40	100	48	60
1.5	35	75	34	45
	40	100	43	60
1.6	35	75	35	45
	40	100	45	60
1.7	35	75	35	45
	40	100	45	60
1.8	35	75	35	45
	40	100	45	60
1.9	35	75	35	45
	40	100	45	60
2.0	40	100	40	37.5
	60	150	47	45
2.1	40	100	42	40
	60	150	51	45
2.2	40	100	42	40
	60	150	51	45
2.3	40	100	42	40
	60	150	51	45
2.4	40	100	42	40
	60	150	51	45
2.5	50	100	40	37.5
	60	150	47	47.5
	100	200	68	
2.6	50	100	45	42.5
	75	150	55	52.5
	100	200	68	
2.7	50	100	45	42.5
	75	150	55	52.5
	100	200	68	
2.8	50	100	45	42.5
	75	150	55	52.5
	100	200	68	
2.9	50	100	45	42.5
	75	150	55	52.5
	100	200	68	
3.0	50	100	42	40
	75	150	52	50
	100	200	65	62.5
3.1	75	150	57	55
	100	200	71	67.5
3.2	75	150	57	55
	100	200	71	67.5
3.3	75	150	57	55
	100	200	71	67.5
3.4	75	150	57	55
	100	200	71	67.5
3.5	75	150	54	55
	100	200	67	62.5
3.6	75	150	64	60
	100	200	78	72.5
	120	250	90	60
	120	300	106	72.5
3.7	75	150	64	60
	100	200	78	72.5
	120	250	90	
	120	300	106	
3.8	75	150	64	60
	100	200	78	72.5
	120	250	90	
	120	300	106	
3.9	75	150	64	60
	100	200	78	72.5
	120	250	90	
	120	300	106	

Material				
HSS General				
Dimension			Price	
Edge Size	Edge Long	Overall length	LIST 500	SUS
4.0	75	150	61	60
	100	200	73	72.5
	120	250	85	
	120	300	100	
4.1	75	150	72	67.5
	100	200	84	77.5
	120	250	101	
	120	300	118	
4.2	75	150	72	67.5
	100	200	84	77.5
	120	250	101	
	120	300	118	
4.3	75	150	72	67.5
	100	200	84	77.5
	120	250	101	
	120	300	118	
4.4	75	150	72	67.5
	100	200	84	77.5
	120	250	101	
	120	300	118	
4.5	75	150	68	62.5
	100	200	80	75
	120	250	95	
	120	300	111	
4.6	75	150	79	72.5
	100	200	92	85
	120	250	113	
	130	300	133	
	150	400	260	
4.7	75	150	79	72.5
	100	200	92	85
	120	250	113	
	130	300	133	
	150	400	260	
4.8	75	150	79	72.5
	100	200	92	85
	120	250	113	
	130	300	133	
	150	400	260	
4.9	75	150	79	72.5
	100	200	92	85
	120	250	113	
	130	300	133	
	150	400	260	
5.0	75	150	73	67.5
	100	200	82	80
	120	250	104	95
	130	300	123	
	150	400	239	
5.1	75	150	84	77.5
	100	200	103	93.8
	120	250	124	
	130	300	145	
	150	400	290	
5.2	75	150	84	77.5
	100	200	103	93.8
	120	250	124	
	130	300	145	
	150	400	290	
5.3	75	150	84	77.5
	100	200	103	93.8
	120	250	124	
	130	300	145	
	150	400	290	

High-speed Steel Drilling

Straight shank drill lengthening



Material: HSS General

Dimension	Price	
	LIST 500	SUS
5.6	100 150	90 83.8
	100 200	113 105
	120 250	136
	150 300	159
	180 400	308
5.7	100 150	90 83.8
	100 200	113 105
	120 250	136
	150 300	159
	180 400	308
5.8	100 150	90 83.8
	100 200	113 105
	120 250	136
	150 300	159
	180 400	308
5.9	100 150	90 83.8
	100 200	113 105
	120 250	136
	150 300	159
	180 400	308
6.0	100 150	84 77.5
	100 200	104 97.5
	120 250	126 117.5
	150 300	148 186
	180 400	304
6.1	100 150	97 87.5
	100 200	120 110
	120 250	145
	150 300	167
	180 400	308
6.2	100 150	97 87.5
	100 200	120 110
	120 250	145
	150 300	167
	180 400	308
6.3	100 150	97 87.5
	100 200	120 110
	120 250	145
	150 300	167
	180 400	308
6.4	100 150	97 87.5
	100 200	120 110
	120 250	145
	150 300	167
	180 400	308
6.5	100 200	113 87.5
	120 250	135 105
	150 300	155 122.5
	200 400	331
	200 500	439
6.6	100 200	135 112.5
	120 250	155 122.5
	150 300	179
	200 400	331
	200 500	439
6.7	100 200	135 112.5
	120 250	155 122.5
	150 300	179
	200 400	331
	200 500	439
6.8	100 200	135 112.5
	120 250	155 122.5
	150 300	179
	200 400	331
	200 500	439
6.9	100 200	135 112.5
	120 250	155 122.5
	150 300	179
	200 400	331
	200 500	439
7.0	100 200	125 107.5
	120 250	145 115
	150 300	167 132.5
	200 400	333 150
	200 500	462
7.1	100 200	146 132.5
	120 250	169 157.5
	150 300	193 175
	200 400	333 150
	200 500	462

Edge Size	Edge Long	Overall length	Price	
			LIST 500	SUS
7.2	100	200	146	132.5
	120	250	169	157.5
	150	300	193	175
7.3	100	200	146	132.5
	120	250	169	157.5
	150	300	193	175
7.4	100	200	146	132.5
	120	250	169	157.5
	150	300	193	175
7.5	100	200	137	125
	120	250	157	145
	150	300	181	165
7.6	100	200	161	145
	120	250	182	170
	150	300	211	187.5
7.7	100	400	161	145
	120	500	182	170
	150	600	211	187.5
7.8	100	200	161	145
	120	250	182	170
	150	300	211	187.5
7.9	100	200	161	145
	120	250	182	170
	150	300	211	187.5
8.0	100	200	149	132.5
	120	250	170	160
	150	300	198	180
8.1	100	200	180	162.5
	120	250	199	185
	150	300	230	210
8.2	100	200	180	162.5
	120	250	199	185
	150	300	230	210
8.3	100	200	180	162.5
	120	250	199	185
	150	300	230	210
8.4	100	200	180	162.5
	120	250	199	185
	150	300	230	210
8.5	100	200	168	155
	120	250	186	172.5
	150	300	214	197.5
8.6	100	200	195	175
	120	250	223	210
	150	300	250	225
8.7	100	200	195	175
	120	250	223	210
	150	300	250	225
8.8	100	200	195	175
	120	250	223	210
	150	300	250	225
8.9	100	200	195	175
	120	250	223	210
	150	300	250	225
9.0	100	200	182	162.5
	120	250	208	187.5
	150	300	234	210
9.1	100	200	210	190
	120	250	235	210
	150	300	270	245
9.2	100	200	210	190
	120	250	235	210
	150	300	270	245

Dimension	Price	
	LIST 500	SUS
9.3	100 200	210 190
	120 250	235 210
9.4	100 200	210 190
	120 250	235 210
9.5	100 200	195 175
	120 250	219 197.5
9.6	100 200	225 202.5
	120 250	254 237.5
9.7	100 200	225 202.5
	120 250	254 237.5
9.8	100 200	225 202.5
	120 250	254 237.5
9.9	100 200	225 202.5
	120 250	254 237.5
10.0	100 200	210 190
	120 250	238 225
10.1	100 200	247 225
	120 250	289 265
10.2	100 200	247 225
	120 250	289 265
10.3	100 200	247 225
	120 250	289 265
10.4	100 200	247 225
	120 250	289 265
10.5	100 200	247 225
	120 250	289 265
10.6	100 200	247 225
	120 250	289 265
10.7	100 200	247 225
	120 250	289 265
10.8	100 200	247 225
	120 250	289 265
10.9	100 200	247 225
	120 250	289 265
11.0	100 200	247 225
	120 250	289 265
11.1	100 200	247 225
	120 250	289 265
11.2	100 200	247 225
	120 250	289 265
11.3	100 200	247 225
	120 250	289 265
11.4	100 200	247 225
	120 250	289 265
11.5	100 200	247 225
	120 250	289 265

Dimension	Price	
	LIST 500	SUS
11.6	120 250	366 330
	150 300	424 382.5
11.7	120 250	366 330
	150 300	424 382.5
11.8	120 250	366 330
	150 300	424 382.5
11.9	120 250	366 330
	150 300	424 382.5
12.0	120 250	329 305
	150 300	382 345
12.1	120 250	394 355
	150 300	458 412.5
12.2	120 250	394 355
	150 300	458 412.5
12.3	120 250	394 355
	150 300	458 412.5
12.4	120 250	394 355
	150 300	458 412.5
12.5	120 250	352 327.5
	150 300	413 372.5
12.6	120 250	420 380
	150 300	484 432.5
12.7	120 250	420 380
	150 300	484 432.5
12.8	120 250	420 380
	150 300	484 432.5
12.9	120 250	420 380
	150 300	484 432.5
13.0	120 250	376 377.5
	150 300	437 427.5

taper-shank drill



Material HSS General

Dimension					Price		Dimension					Price		Dimension					Price				
Edge Size	Edge Long	Overall length	MT.NO	LIST 602	SUS	Edge Size	Edge Long	Overall length	MT.NO	LIST 602	SUS	Edge Size	Edge Long	Overall length	MT.NO	LIST 602	SUS	Edge Size	Edge Long	Overall length	MT.NO	LIST 602	SUS
7.0	75	155	1	142	112.5	14.3	122	222	2	304	285	21.6	160	260	2	579	645	28.9	180	300	3	1056	
7.1	78	158	1	153		14.4	122	222	2	304	285	21.7	160	260	2	579	645	29.0	180	300	3	994	737.5
7.2	78	158	1	153		14.5	122	222	2	294	222.5	21.8	160	260	2	579	645	29.1	185	305	3	1084	
7.3	78	158	1	153		14.6	125	225	2	310	285	21.9	160	260	2	579	645	29.2	185	305	3	1084	
7.4	78	158	1	153		14.7	125	225	2	310	285	22.0	160	260	2	561	402.5	29.3	185	305	3	1084	
7.5	78	158	1	144		14.8	125	225	2	310	285	22.1	165	265	2	607	675	29.4	185	305	3	1084	
7.6	82	162	1	157		14.9	125	225	2	310	285	22.2	165	265	2	607	675	29.5	185	305	3	1019	842.5
7.7	82	162	1	157		15.0	125	225	2	301	222.5	22.3	165	265	2	607	675	29.6	185	305	3	1140	
7.8	82	162	1	157		15.1	128	228	2	327	325	22.4	165	265	2	607	675	29.7	185	305	3	1140	
7.9	82	162	1	157		15.2	128	228	2	327	325	22.5	165	265	2	586	427.5	29.8	185	305	3	1140	
8.0	82	162	1	147	112.5	15.3	128	228	2	327	325	22.6	165	265	2	625	715	29.9	185	305	3	1140	
8.1	85	168	1	166		15.4	128	228	2	327	325	22.7	165	265	2	625	715	30.0	185	305	3	1070	842.5
8.2	85	168	1	166		15.5	128	228	2	315	237.5	22.8	165	265	2	625	715	30.1	190	310	3	1193	
8.3	85	168	1	166		15.6	130	230	2	341	340	22.9	165	265	2	625	715	30.2	190	310	3	1193	
8.4	85	168	1	166		15.7	130	230	2	341	340	23.0	165	265	2	607	427.5	30.3	190	310	3	1193	
8.5	85	168	1	157	127.5	15.8	130	230	2	341	340	23.1	165	285	3	707	745	30.4	190	310	3	1193	
8.6	88	172	1	176		15.9	130	230	2	341	340	23.2	165	285	3	707	745	30.5	190	310	3	1121	915
8.7	88	172	1	176		16.0	130	230	2	331	237.5	23.3	165	285	3	707	745	30.6	190	310	3	1251	
8.8	88	172	1	176		16.1	132	232	2	371	355	23.4	165	285	3	707	745	30.7	190	310	3	1251	
8.9	88	172	1	176		16.2	132	232	2	371	355	23.5	165	285	3	663	487.5	30.8	190	310	3	1251	
9.0	88	172	1	166	127.5	16.3	132	232	2	371	355	23.6	165	285	3	732	772.5	30.9	190	310	3	1251	
9.1	92	175	1	186		16.4	132	232	2	371	355	23.7	165	285	3	732	772.5	31.0	190	310	3	1172	915
9.2	92	175	1	186		16.5	132	232	2	371	272.5	23.8	165	285	3	732	772.5	31.1	195	315	3	1288	
9.3	92	175	1	186		16.6	135	235	2	392	375	23.9	165	285	3	732	772.5	31.2	195	315	3	1288	
9.4	92	175	1	186		16.7	135	235	2	392	375	24.0	165	285	3	688	487.5	31.3	195	315	3	1288	
9.5	92	175	1	175	142.5	16.8	135	235	2	392	375	24.1	165	285	3	765	800	31.4	195	315	3	1288	
9.6	95	178	1	194		16.9	135	235	2	392	375	24.2	165	285	3	765	800	31.5	195	315	3	1214	997.5
9.7	95	178	1	194		17.0	135	235	2	380	272.5	24.3	165	285	3	765	800	31.6	195	315	3	1376	
9.8	95	178	1	194		17.1	140	240	2	410	405	24.4	165	285	3	765	800	31.7	195	315	3	1376	
9.9	95	178	1	194		17.2	140	240	2	410	405	24.5	165	285	3	718	540	31.8	195	315	3	1376	
10.0	95	178	1	183	142.5	17.3	140	240	2	410	405	24.6	165	285	3	788	840	31.9	195	315	3	1376	
10.1	98	182	1	200	190	17.4	140	240	2	410	405	24.7	165	285	3	788	840	32.0	195	315	3	1288	997.5
10.2	98	182	1	200	190	17.5	140	240	2	397	307.5	24.8	165	285	3	788	840	32.5	200	345	4	1467	1105
10.3	98	182	1	200	190	17.6	140	240	2	433	432.5	24.9	165	285	3	788	840	33.0	200	345	4	1441	1105
10.4	98	182	1	200	190	17.7	140	240	2	433	432.5	25.0	165	285	3	739	540	33.5	205	350	4	1554	1175
10.5	98	182	1	194	157.5	17.8	140	240	2	433	432.5	25.1	165	285	3	816		34.0	205	350	4	1517	1175
10.6	102	185	1	210	205	17.9	140	240	2	433	432.5	25.2	165	285	3	816		34.5	205	350	4	1645	1247.5
10.7	102	185	1	210	205	18.0	140	240	2	419	307.5	25.3	165	285	3	816		35.0	205	350	4	1605	1247.5
10.8	102	185	1	210	205	18.1	145	245	2	445	462.5	25.4	165	285	3	816		35.5	210	355	4	1721	1282.5
10.9	102	185	1	210	205	18.2	145	245	2	445	462.5	25.5	165	285	3	765	582.5	36.0	210	355	4	1682	1282.5
11.0	102	185	1	204	157.5	18.3	145	245	2	445	462.5	25.6	165	285	3	841		36.5	210	355	4	1823	1390
11.1	105	188	1	215	217.5	18.4	145	245	2	445	462.5	25.7	165	285	3	841		37.0	210	355	4	1784	1390
11.2	105	188	1	215	217.5	18.5	145	245	2	431	320	25.8	165	285	3	841		37.5	215	360	4	1911	1562.5
11.3	105	188	1	215	217.5	18.6	145	245	2	466	487.5	25.9	165	285	3	841		38.0	215	360	4	1874	1562.5
11.4	105	188	1	215	217.5	18.7	145	245	2	466	487.5	26.0	165	285	3	790	582.5	38.5	215	360	4	2002	1587.5
11.5	105	188	1	209	170	18.8	145	245	2	466	487.5	26.1	170	290	3	874		39.0	215	360	4	1951	1587.5
11.6	108	192	1	232	230	18.9	145	245	2	466	487.5	26.2	170	290	3	874		39.5	220	365	4	2129	1637.5
11.7	108	192	1	232	230	19.0	145	245	2	452	320	26.3	170	290	3	874		40.0	220	365	4	2078	1637.5
11.8	108	192	1	232	230	19.1	150	250	2	491	512.5	26.4	170	290	3	874		40.5	220	365	4	2268	
11.9	108	192	1	232	230	19.2	150	250	2	491	512.5	26.5	170	290	3	820	617.5	41.0	220	365	4	2205	1925
12.0	108	192	1	224	180	19.3	150	250	2	491	512.5	26.6	170	290	3	897		41.5	225	370	4	2340	
12.1	112	195	1	244	245	19.4	150	250	2	491	512.5	26.7	170	290	3	897		42.0	225	370	4	2294	2000
12.2	112	195	1	244	245	19.5	150	250	2	480	355	26.8	170	290	3	897		42.5	225	370	4	2548	
12.3	112	195	1	244	245	19.6	150	250	2	512	537.5	26.9	170	290	3	897		43.0	225	370	4	2479	2250
12.4	112	195	1	244	245	19.7	150	250	2	512	537.5	27.0	170	290	3	841	617.5	43.5	230	375	4	2641	
12.5	112	195	1	234	180	19.8	150	250	2	512	537.5	27.1	175	295	3	929		44.0	230	375	4	2572	2400
12.6	115	198	1	248	245	19.9	150	250	2	512	537.5	27.2	175	295	3	929		44.5	230	375	4	2780	
12.7	115	198	1	248	245	20.0	150	250	2	496	355	27.3	175	295	3	929		45.0	230	375	4	2710	2475
12.8	115	198	1	248	245	20.1	155	255	2	521	562.5	27.4	175	295	3	929		45.5	235	380	4	2919	
12.9	115	198	1	248	245	20.2	155	255	2	521	562.5	27.5	175	295	3	871	665	46.0	235	380	4	2850	2625
13.0	115	198	1	244	180	20.3	155	255	2	521	562.5	27.6	175	295	3	961		46.5	235	380	4	3081	
13.1	118	202	1	262	270	20.4	155	255	2	521	562.5	27.7	175	295	3	961		47.0	235	380	4	3011	2750
13.2	118	202	1	262	270	20.5	155	255	2	505</													

High-speed Steel Drilling

taper-shank drill

taper-shank drill lengthening



Material **HSS** General

Edge Size	Dimension		MT.NO	Price
	Edge Long	Overall length		
56.0	260	440	5	5189
57.0	260	440	5	5467
58.0	265	445	5	5698
59.0	265	445	5	5976
60.0	270	450	5	6208
61.0	270	450	5	6486
62.0	275	455	5	6811
63.0	275	455	5	7088
64.0	280	460	5	7389
65.0	280	460	5	7667
66.0	285	465	5	7992
67.0	285	465	5	8316
68.0	290	470	5	8640
69.0	290	470	5	8965
70.0	295	475	5	9289
71.0	295	475	5	9660
72.0	300	480	5	10053
73.0	300	480	5	10447
74.0	305	485	5	10841
75.0	305	485	5	11235
76.0	310	490	5	11995
77.0	315	500	6	16447
78.0	315	500	6	17141
79.0	315	500	6	17605
80.0	315	500	6	18092
81.0	325	570	6	18601
82.0	325	570	6	19111
83.0	325	570	6	19620
84.0	325	570	6	20130
85.0	325	570	6	20640
86.0	335	580	6	21288
87.0	335	580	6	21659
88.0	335	580	6	22168
89.0	335	580	6	22933
90.0	335	580	6	23442
91.0	345	590	6	24346
92.0	345	590	6	25226
93.0	345	590	6	25736
94.0	345	590	6	26639
95.0	345	590	6	27774
96.0	355	600	6	28678
97.0	355	600	6	29813
98.0	355	600	6	30716
99.0	355	600	6	31851
100.0	355	600	6	32754

Material **HSS** General

Edge Size	Dimension		MT.NO	Price
	Edge Long	Overall length		
10.5	250	150	1	480
	300	200	1	619
	350	225	1	818
11.0	250	150	1	480
	300	200	1	619
	350	225	1	818
11.5	250	150	1	494
	300	200	1	621
	350	225	1	829
12.0	250	150	1	498
	300	200	1	635
	350	225	1	834
12.5	250	150	1	508
	300	200	1	646
	350	225	1	843
13.0	250	150	1	516
	300	200	1	531
	350	225	1	855
13.5	250	150	1	516
	300	200	1	658
	350	225	1	863
14.0	250	150	1	516
	300	200	1	674
	350	225	1	874
14.5	325	200	2	755
	375	250	2	961
	425	275	2	1149
	475	325	2	1274
15.0	325	200	2	774
	375	250	2	975
	425	275	2	1151
	475	325	2	1274
15.5	325	200	2	808
	375	250	2	1014
	425	275	2	1202
	475	325	2	1325
16.0	325	200	2	808
	375	250	2	1014
	425	275	2	1202
	475	325	2	1325
16.5	325	200	2	825
	375	250	2	1114
	425	275	2	1314
	475	325	2	1467
17.0	325	200	2	857
	375	250	2	1114
	425	275	2	1314
	475	325	2	1467
17.5	325	200	2	887
	375	250	2	1114
	425	275	2	1314
	475	325	2	1467
18.0	325	200	2	936
	375	250	2	1186
	425	275	2	1402
	475	325	2	1554
18.5	325	200	2	987
	375	250	2	1235
	425	275	2	1467
	475	325	2	1619
19.0	325	200	2	989
	375	250	2	1239
	425	275	2	1467
	475	325	2	1631
19.5	325	200	2	1034
	375	250	2	1288
	425	275	2	1517
	475	325	2	1696
20.0	325	200	2	1036
	375	250	2	1288
	425	275	2	1529
	475	325	2	1696

Edge Size	Edge Long	Overall length	MT.NO	Price
20.5	325	200	2	1082
	375	250	2	1339
	425	275	2	1580
	475	325	2	1758
21.0	325	200	2	1091
	375	250	2	1364
	425	275	2	1605
	475	325	2	1798
21.5	325	200	2	1138
	375	250	2	1427
	425	275	2	1670
	475	325	2	1874
22.0	325	200	2	1154
	375	250	2	1427
	425	275	2	1696
	475	325	2	1900
22.5	325	200	2	1209
	375	250	2	1504
	425	275	2	1784
	475	325	2	1976
23.0	325	200	2	1235
	375	250	2	1529
	425	275	2	1810
	475	325	2	2013
23.5	350	200	3	1504
	400	250	3	1747
	450	300	3	2052
	500	350	3	2511
	600	400	3	3083
24.0	350	200	3	1554
	400	250	3	1758
	450	300	3	2078
	500	350	3	2548
	600	400	3	3134
24.5	350	200	3	1594
	400	250	3	1823
	450	300	3	2129
	500	350	3	2588
	600	400	3	3185
25.0	350	200	3	1631
	400	250	3	1860
	450	300	3	2166
	500	350	3	2624
	600	400	3	3236
25.5	350	200	3	1670
	400	250	3	1900
	450	300	3	2191
	500	350	3	2690
	600	400	3	3313
26.0	350	200	3	1696
	400	250	3	1937
	450	300	3	2268
	500	350	3	2752
	600	400	3	3377
26.5	350	200	3	1747
	400	250	3	1987
	450	300	3	2319
	500	350	3	2817
	600	400	3	3454
27.0	350	200	3	1758
	400	250	3	2052
	450	300	3	2435
	500	350	3	2879
	600	400	3	3516
27.5	350	200	3	1835
	400	250	3	2103
	450	300	3	2435
	500	350	3	2945
	600	400	3	3604
28.0	350	200	3	1874
	400	250	3	2155
	450	300	3	2497
	500	350	3	3007
	600	400	3	3669

Edge Size	Dimension		MT.NO	Price
	Edge Long	Overall length		
28.5	350	200	3	1937
	400	250	3	2205
	450	300	3	2562
	500	350	3	3083
	600	400	3	3771
29.0	350	200	3	1921
	400	250	3	2256
	450	300	3	2613
	500	350	3	3148
	600	400	3	3848
29.5	350	200	3	2013
	400	250	3	2294
	450	300	3	2676
	500	350	3	3225
	600	400	3	3950
30.0	350	200	3	2039
	400	250	3	2319
	450	300	3	2740
	500	350	3	3287
	600	400	3	4015
30.5	350	200	3	2090
	400	250	3	2384
	450	300	3	2817
	500	350	3	3377
	600	400	3	4128
31.0	350	200	3	2129
	400	250	3	2435
	450	300	3	2893
	500	350	3	3465
	600	400	3	4204
31.5	350	200	3	2166
	400	250	3	2485
	450	300	3	2995
	500	350	3	3632
	600	400	3	4332
32.0	350	200	3	2256
	400	250	3	2574
	450	300	3	3109
	500	350	3	3720
	600	400	3	4510
33.0	425	250	4	3250
	475	300	4	3785
	525	350	4	4230
	625	450	4	5224
34.0	425	250	4	3377
	475	300	4	3964
	525	350	4	4434
	625	450	4	5467
35.0	425	250	4	3491
	475	300	4	4117
	525	350	4	4587
	625	450	4	5645
36.0	425	250	4	3644
	475	300	4	4306
	525	350	4	4790
	625	450	4	5900
37.0	425	250	4	3746
	475	300	4	4535
	525	350	4	4667
	625	450	4	6180
38.0	425	250	4	3836
	475	300	4	4702
	525	350	4	5173
	625	450	4	6447
39.0	425	250	4	3975
	475	300	4	4855
	525	350	4	5340
	625	450	4	6665
40.0	425	250	4	4103
	475	300	4	5085
	525	350	4	5543
	625	450	4	6920

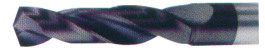
Edge Size	Edge Long	Overall length	MT.NO	Price
41.0	425	250	4	4244
	475	300	4	5288
	525	350	4	5747
	625	450	4	7288
42.0	425	250	4	4383
	475	300	4	5467
	525	350	4	5976
	625	450	4	7607
43.0	425	250	4	4535
	475	300	4	5696
	525	350	4	6192
	625	450	4	7899
44.0	425	250	4	4644

SG-ESS Drilling

NACHI



carbide drill



Material SG Drill with short length, suitable for workpiece material from carbon steel and stainless steel to aluminum

Dimension					Price
Edge Size	Edge Long	Overall length	Shank Dia	LIST 7572P	
1.0	6	38	3	62	
1.1	6	38	3	57	
1.1	7	39	3	57	
1.2	7	39	3	57	
1.2	8	40	3	57	
1.3	8	40	3	57	
1.3	8	40	3	57	
1.4	9	41	3	57	
1.4	9	41	3	57	
1.5	9	41	3	57	
1.5	9	41	3	57	
1.6	10	42	3	51	
1.6	10	42	3	51	
1.7	10	42	3	51	
1.7	10	42	3	51	
1.8	11	43	3	51	
1.8	11	43	3	51	
1.9	11	43	3	51	
1.9	11	43	3	51	
2.0	12	44	3	51	
2.0	12	44	3	61	
2.1	12	44	3	61	
2.1	12	44	3	61	
2.2	13	45	3	61	
2.2	13	45	3	61	
2.3	13	45	3	61	
2.3	13	45	3	61	
2.4	13	45	3	61	
2.4	14	46	3	61	
2.5	14	46	3	61	
2.5	14	46	3	61	
2.6	14	46	3	61	
2.6	14	46	3	61	
2.7	14	46	3	61	
2.7	16	48	3	61	
2.8	16	48	3	61	
2.8	16	48	3	61	
2.9	16	48	3	61	
2.9	16	48	3	61	
3.0	16	48	3	61	
3.0	16	48	3	61	
3.1	18	50	4	72	
3.1	18	50	4	72	
3.2	18	50	4	72	
3.2	18	50	4	72	
3.3	18	50	4	72	
3.3	18	50	4	72	
3.4	18	50	4	72	
3.4	20	52	4	72	
3.5	20	52	4	72	
3.5	20	52	4	72	
3.6	20	52	4	79	
3.6	20	52	4	79	
3.7	20	52	4	79	
3.7	20	52	4	79	
3.8	20	52	4	79	
3.8	22	54	4	79	
3.9	22	54	4	79	
3.9	22	54	4	79	
4.0	22	54	4	79	
4.0	22	54	4	79	
4.1	22	66	6	89	
4.1	22	66	6	89	
4.2	22	66	6	89	
4.2	22	66	6	89	
4.3	22	66	6	89	
4.3	24	68	6	89	
4.4	24	68	6	89	
4.4	24	68	6	89	
4.5	24	68	6	89	
4.5	24	68	6	89	
4.6	24	68	6	101	
4.6	24	68	6	101	

Dimension					Price
Edge Size	Edge Long	Overall length	Shank Dia	LIST 7572P	
4.7	24	68	6	101	
4.7	24	68	6	101	
4.8	24	68	6	101	
4.8	26	70	6	101	
4.9	26	70	6	101	
4.9	26	70	6	101	
5.0	26	70	6	101	
5.0	26	70	6	101	
5.1	26	70	6	120	
5.1	26	70	6	120	
5.2	26	70	6	120	
5.2	26	70	6	120	
5.3	26	70	6	120	
5.3	26	70	6	120	
5.4	28	72	6	120	
5.4	28	72	6	120	
5.5	28	72	6	120	
5.5	28	72	6	120	
5.6	28	72	6	128	
5.6	28	72	6	128	
5.7	28	72	6	128	
5.7	28	72	6	128	
5.8	28	72	6	128	
5.8	28	72	6	128	
5.9	28	72	6	128	
5.9	28	72	6	128	
6.0	28	72	6	128	
6.0	28	72	6	128	
6.1	31	75	8	135	
6.2	31	75	8	135	
6.3	31	75	8	135	
6.4	31	75	8	135	
6.5	31	75	8	135	
6.6	31	75	8	140	
6.7	31	75	8	140	
6.8	34	78	8	140	
6.9	34	78	8	140	
7.0	34	78	8	140	
7.1	34	78	8	147	
7.2	34	78	8	147	
7.3	34	78	8	147	
7.4	34	78	8	147	
7.5	34	78	8	147	
7.6	37	81	8	155	
7.7	37	81	8	155	
7.8	37	81	8	155	
7.9	37	81	8	155	
8.0	37	81	8	155	
8.1	37	81	10	167	
8.2	37	81	10	167	
8.3	37	81	10	167	
8.4	37	81	10	167	
8.5	37	81	10	167	
8.6	40	90	10	180	
8.7	40	90	10	180	
8.8	40	90	10	180	
8.9	40	90	10	180	
9.0	40	90	10	180	
9.1	40	90	10	192	
9.2	40	90	10	192	
9.3	40	90	10	192	
9.4	40	90	10	192	
9.5	40	90	10	192	
9.6	43	93	10	204	
9.7	43	93	10	204	
9.8	43	93	10	204	
9.9	43	93	10	204	
10.0	43	100	10	204	
10.1	43	100	12	222	
10.2	43	100	12	222	
10.3	43	100	12	222	
10.4	43	100	12	222	
10.5	43	100	12	222	

Dimension					Price
Edge Size	Edge Long	Overall length	Shank Dia	LIST 7572P	
10.6	43	100	12	244	
10.7	47	104	12	244	
10.8	47	104	12	244	
10.9	47	104	12	244	
11.0	47	104	12	244	
11.1	47	104	12	275	
11.2	47	104	12	275	
11.3	47	104	12	275	
11.4	47	104	12	275	
11.5	47	104	12	275	
11.6	47	104	12	299	
11.7	47	104	12	299	
11.8	47	104	12	299	
11.9	51	108	12	299	
12.0	51	108	12	299	
12.1	51	108	12	324	
12.2	51	108	12	324	
12.3	51	108	12	324	
12.4	51	108	12	324	
12.5	51	108	12	324	
12.6	51	108	12	352	
12.7	51	108	12	352	
12.8	51	108	12	352	
12.9	51	108	12	352	
13.0	51	108	12	352	
13.5	72	132	16	491	
14.0	72	132	16	491	
14.5	76	136	20	540	
15.0	76	142	20	650	
15.5	80	146	20	695	
16.0	80	146	20	695	
16.5	84	150	20	721	
17.0	84	150	20	721	
17.5	87	153	20	778	
18.0	87	153	20	778	
18.5	90	156	20	829	
19.0	90	164	25	829	
19.5	94	168	25	1025	
20.0	94	168	25	1025	

* Other specifications!
inquiry

Center drill

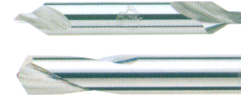


Material HSS General
Edge Size×Shank Dia×Overall length

Dimension	Price
0.4×3.0×31	110
0.5×3.0×31	86
0.6×3.5×36	77
0.8×4.0×36	59
1.0×4.0×36	49
1.2×5.0×42	45
1.5×5.0×42	37
2.0×5.0×42	37
2.5×6.0×47	43
3.0×7.7×57	52
3.2×7.7×57	52
4.0×10×69	103
5.0×11×69	111
6.0×16×90	271
8.0×18×100	425
10×18×100	425

Type	Price	Type	Price
1.0~2.0	17	7.6~8.1	150
2.1~2.5	22	8.2~8.5	185
2.6~3.0	27	8.6~9.0	195
3.6~4.0	40	9.1~9.5	234
4.1~4.5	74	9.6~10.0	280
4.6~5.0	80	10.1~10.5	300
5.1~5.5	88	10.6~11.0	320
5.6~6.0	94	11.1~11.5	360
6.1~6.5	100	11.6~12.0	400
6.6~7.0	120	12.1~12.5	456
7.1~7.5	140	12.6~13.0	480

Tungsten steel drill, drill point center



Material F490 Tungsten steel drill

Dimension				Price
Edge Size	Edge Long	Shank Dia	Overall length	
Φ1.0	2.4	4	38	64
Φ1.5	2.4	4	38	64
Φ2.0	2.9	4	50	64
Φ2.0	2.9	6	50	110
Φ2.5	3.1	6	50	110
Φ3.0	3.9	6	50	110
Φ3.0	3.9	8	50	160
Φ4.0	5.0	10	65	250
Φ5.0	6.3	12	60	310

drill point center				
Edge Long	Tip angle	Shank Dia	Overall length	Price
3	90/135°	Φ3	50	34
4	90/135°	Φ4	55	44
5	90/135°	Φ5	60	60
6	90/135°	Φ6	65	84
8	90/135°	Φ8	80	154
10	90/135°	Φ10	90	234
12	90/135°	Φ12	100	350

Carbide Center drill



Material Carbide General

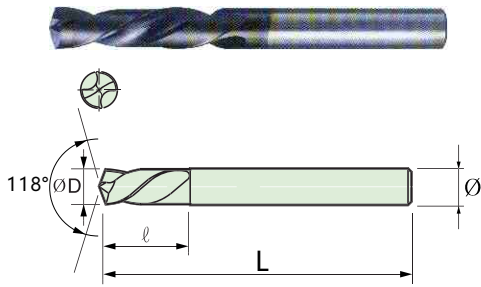
Ti specifications

Dimension	Price
CDA010	313
CDA015	367
CDA020	413
CDA025	533
CDA030	533
CDA040	720
CDA050	987

No ti specifications

Type	Edge Size	Edge Long	Overall length	Shank Dia	Price
CDA-010	1.0	1.3	40	4.0	260
CDA-015	1.5	1.9	40	5.0	300
CDA-020	2.0	2.6	45	6.0	340
CDA-025	2.5	3.2	60	8.0	440
CDA-030	3.0	3.9	60	8.0	440
CDA-040	4.0	5.8	70	1	

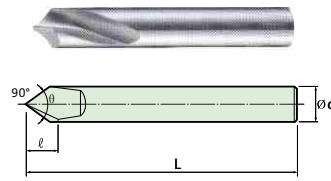
Carbide drill



d	Overall length L	Edge Long ℓ	Price
1.0	34	12	12
1.1	36	12	12
1.2-1.3	38	16	
1.4-1.5	40	18	
1.6-1.7	43	20	
1.8-1.9	46	22	
2.0	49	24	
2.1	49	24	
2.2-2.3	53	27	
2.4-2.5	57	30	
2.6	57	30	
2.7-3.0	61	33	
3.1-3.3	65	36	
3.4-3.5	70	39	
3.6-3.7	70	39	
3.8-4.0	75	43	
4.1-4.2	75	43	
4.3-4.5	80	47	
4.6-4.7	80	47	
4.8-5.0	86	52	
5.1-5.3	86	52	
5.4-5.5	93	57	
5.6-6.0	93	57	
6.1-6.5	101	63	
6.6-6.7	101	63	
6.8-7.0	109	69	
7.1-7.5	109	69	
7.6-8.0	117	75	
8.1-8.5	117	75	
8.6-9.0	125	81	
9.1-9.5	125	81	
9.6-10.0	133	87	
10.1-10.5	133	87	
10.6	133	87	
10.7-11.0	142	94	
11.1-11.6	142	94	
11.6-11.8	142	94	
11.9-12.0	151	101	
12.1-12.5	151	101	
12.6-13.0	151	101	

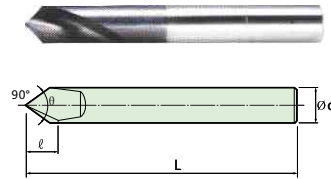
■ For NC processing, can process cast steel, cast iron, chilled cast steel, malleable iron, wear-resistant plastic and other difficult to cut materials. For high-speed feed, high-speed cutting, the use of long life, fast shorten the processing time and enhance efficiency.

90° tungsten steel drill bit fixed-point NC



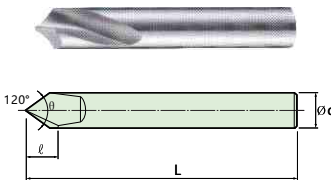
Order Number	Cat.No	Dimension			Price
		d	Overall length L	Edge Long ℓ	
541100	WP-17C-3	3	45	10	WP-17
541102	WP-17C-4	4	50	12	
541104	WP-17C-5	5	50	15	
541106	WP-17C-6	6	60	20	
541108	8	8	60	25	
541110	10	10	75	25	
541112	12	12	75	30	
541114	16	16	16	35	

90° W-Ti-coated steel drill bit fixed-point NC



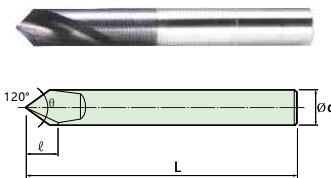
Order Number	Cat.No	Dimension			Price
		d	Overall length L	Edge Long ℓ	
541200	WP-17C-3	3	45	10	WP-17
541202	WP-17C-4	4	50	12	
541204	WP-17C-5	5	50	15	
541206	WP-17C-6	6	60	20	
541208	8	8	60	25	
541210	10	10	75	25	
541212	12	12	75	30	
541214	16	16	16	35	

120° tungsten steel drill bit fixed-point NC



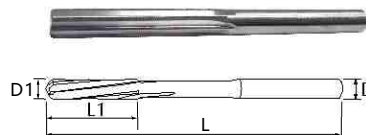
Order Number	Cat.No	Dimension			Price
		d	Overall length L	Edge Long ℓ	
541300	WP-17C-3	3	45	10	WP-17
541302	WP-17C-4	4	50	12	
541304	WP-17C-5	5	50	15	
541306	WP-17C-6	6	60	20	
541308	8	8	60	25	
541310	10	10	75	25	
541312	12	12	75	30	
541314	16	16	16	35	

120° W-Ti-coated steel drill bit fixed-point NC



Order Number	Cat.No	Dimension			Price
		d	Overall length L	Edge Long ℓ	
541400	WP-17C-3	3	45	10	
541402	WP-17C-4	4	50	12	
541404	WP-17C-5	5	50	15	
541406	WP-17C-6	6	60	20	
541408	8	8	60	25	
541410	10	10	75	25	
541412	12	12	75	30	
541414	16	16	16	35	

Tungsten steel mechanical reamer

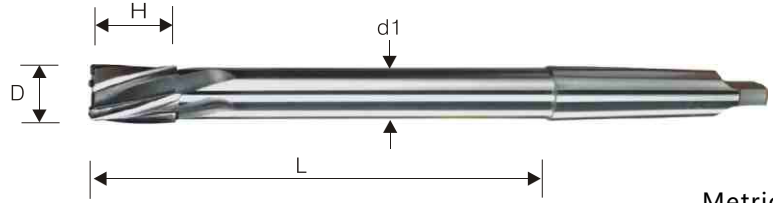


D1 Diameter	L1 Flute Length	L Overall Length	D Shank Diameter	Flute Number	Price
1.0~1.5	9	50	1	3	
1.51~2.0	11	50	1.5	4	
2.01~2.5	14	60	2	4	
2.51~3.0	15	60	2.5	4	
3.01~3.5	15	65	3	4	
3.51~4.0	19	75	3.5	4	
4.01~4.5	21	80	4	6	
4.51~5.0	23	86	4.5	6	
5.01~5.5	26	93	5	6	
5.51~6.0	26	93	5	6	
6.01~6.5	26	93	6	6	
6.51~7.0	31	110	6	6	
7.01~7.5	31	110	6	6	
7.51~8.0	33	110	6	6	
8.01~8.5	33	117	8	6	
8.51~9.0	33	125	8	6	
9.01~9.5	38	135	8	6	
9.51~10.0	38	135	8	6	
10.01~10.5	41	145	10	6	
10.51~11.00	41	145	10	6	
11.01~11.5	45	145	12	6	
11.51~12.00	45	145	12	6	
13~16	52	170	16	8	
17~20	60	200	20	8	

■ For less than HRC55 steel, stainless steel, titanium, cast iron and other hard Twisted hole cut materials.

SWRMT

Spiral welding blade type ultrafine tungsten steel- Mechanical - Morse taper shank reamer



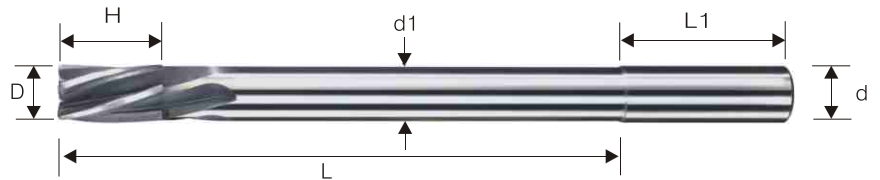
Order Number	Type	Dimension Size(mm)						Price
		D(H7)	Edge Long H	L	d ₁	MT	T	
551100	SWRMT-12	12	20	150	11	2#	4	390
551102	SWRMT-14	14	20	150	13	2#	4	410
551104	SWRMT-15	15	25	150	14	3#	4	465
551106	SWRMT-16	16	25	150	15	3#	4	465
551108	SWRMT-17	17	25	150	16	3#	4	510
551110	SWRMT-18	18	35	200	17	3#	5	715
551112	SWRMT-19	19	35	200	18	3#	5	730
551114	SWRMT-20	20	35	200	19	3#	5	735
551116	SWRMT-22	22	35	200	20	3#	5	830
551118	SWRMT-23	23	35	200	21	3#	5	835
551120	SWRMT-24	24	35	200	22	3#	5	865
551122	SWRMT-25	25	35	200	22	3#	5	840
551124	SWRMT-28	28	35	230	25	4#	6	1160
551126	SWRMT-30	30	35	230	26	4#	6	1195
551128	SWRMT-32	32	35	230	28	4#	6	1245
551130	SWRMT-35	35	35	230	31	4#	6	1360
551132	SWRMT-40	40	40	260	34	4#	6	1650
551134	SWRMT-42	42	40	260	36	4#	6	1810
551136	SWRMT-45	45	40	260	38	4#:5#	6	2020
551138	SWRMT-50	50	50	300	44	4#:5#	6	2520
551140	SWRMT-55	55	50	300	46	4#:5#	8	3070
551142	SWRMT-60	60	50	300	50	4#:5#	8	3300

SWRIMT

Spiral welding blade type ultrafine tungsten steel - Mechanical - Morse taper shank reamer

Order Number	Type	Dimension Size(mm)						Price
		D(H7)	Edge Long H	L	d ₁	MT	T	
551200	SWRIMT-1/2"	1/2"	20	150	12	2#	4	410
551202	SWRIMT-5/8"	5/8"	25	150	15	3#	4	465
551204	SWRIMT-3/4"	3/4"	35	200	18	3#	5	735
551206	SWRIMT-7/8"	7/8"	35	200	20	3#	5	865
551208	SWRIMT-1"	1"	35	200	22	3#	5	1160
551210	SWRIMT-1"1/8	1"1/8	35	230	25	4#	6	1195
551212	SWRIMT-1"1/4	1"1/4	35	230	28	4#	6	1245
551214	SWRIMT-1"3/8	1"3/8	35	230	31	4#	6	1360
551216	SWRIMT-1"1/2	1"1/2	35	260	34	4#	6	1650
551218	SWRIMT-1"5/8	1"5/8	40	260	36	4#	6	1810
551220	SWRIMT-1"3/4	1"3/4	40	260	38	4#	6	2020
551222	SWRIMT-1"7/8	1"7/8	40	260	40	4#	6	2520
551224	SWRIMT-2"	2"	50	300	44	4#	6	3070

SWRM

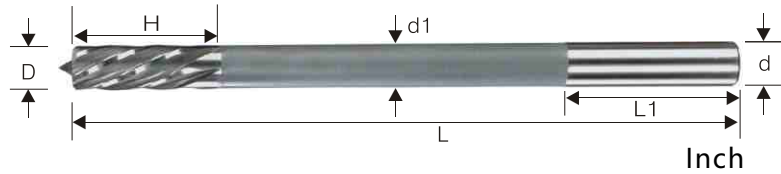


Spiral welding blade type ultrafine tungsten steel - Mechanical - straight shank reamer

Order Number	Type	Dimension Size(mm)							Price
		D(H7)	Edge Long H	L	d ₁	d(h7)	L ₁	T	
551300	SWRM-12	12	20	120	11	12	50	4	270
551302	SWRM-14	14	20	150	13	16	60	4	305
551304	SWRM-15	15	20	150	14	16	60	4	315
551306	SWRM-16	16	25	150	15	16	60	4	340
551308	SWRM-20	20	35	200	19	20	60	5	550
551310	SWRM-25	25	35	200	20	20	60	5	630

SWRI

Butt type ultrafine tungsten steel head
- Mechanical - straight shank reamer



Order Number	Type	Dimension Size(mm)							Price
		D(H7)	Edge Long H	d ₁	L ₁	d(h7)	Overall length L	T	
551400	SWRI-1/8"	1/8"	20	3	35	3	75	4	
551402	SWRI-3/16"	3/16"	20	4.4	35	4	75	4	
551404	SWRI-1/4"	1/4"	30	6	40	6	130	4	
551406	SWRI-5/16"	5/16"	30	7.5	40	8	130	5	
551408	SWRI-3/8"	3/8"	30	9.3	40	10	130	5	
551410	SWRI-7/16"	7/16"	30	10.8	40	12	130	6	
551412	SWRI-1/2"	1/2"	30	12	40	12	130	6	

SWM

Welding blade type ultrafine tungsten steel equal
- Mechanical - straight shank reamer



Order Number	Type	Dimension Size(mm)						Price
		D(H7)	Edge Long H	L ₁	d(h7)	Overall length L	T	
551500	SWM-6	6	26	32	6	93	6T	
551502	SWM-7	7	31	36	7	109	6T	
551504	SWM-8	8	33	42	8	117	6T	
551506	SWM-9	9	36	42	9	125	6T	
551508	SWM-10	10	38	45	10	133	6T	
551510	SWM-11	11	41	48	10	142	6T	
551512	SWM-12	12	44	50	10	151	6T	
551514	SWM-13	13	44	50	10	151	6T	
551516	SWM-14	14	47	53	12.5	160	6T	
551518	SWM-15	15	50	55	12.5	162	6T	
551520	SWM-16	16	52	58	12.5	170	6T	
551522	SWM-17	17	54	62	14	175	6T	
551524	SWM-18	18	56	64	14	182	6T	
551526	SWM-19	19	58	66	16	189	6T	
551528	SWM-20	20	60	68	16	195	6T	

SWMT

Welding blade type ultrafine tungsten steel with non-uniform mechanical
- Morse taper shank reamer



Order Number	Type	Dimension Size(mm)					Price
		D(H7)	Edge Long H	Overall length L	MT	T	
551600	SWMT-10	10	38	168	1#	6	
551602	SWMT-11	11	41	175	1#	6	
551604	SWMT-12	12	44	182	1#	6	
551606	SWMT-13	13	44	182	1#	6	
551608	SWMT-14	14	47	189	1#	6	
551610	SWMT-15	15	50	204	2#	6	
551612	SWMT-16	16	52	210	2#	6	
551614	SWMT-17	17	54	214	2#	6	
551616	SWMT-18	18	56	219	2#	6	
551618	SWMT-19	19	58	223	2#	6	
551620	SWMT-20	20	60	228	2#	6	
551622	SWMT-22	22	64	237	2#	6	
551624	SWMT-24	24	68	268	2#	8	
551626	SWMT-25	25	68	268	2#	8	
551628	SWMT-26	26	70	273	3#	8	
551630	SWMT-27	27	71	277	3#	8	
551632	SWMT-28	28	71	277	3#	8	
551634	SWMT-30	30	73	281	3#	8	
551636	SWMT-32	32	77	317	4#	8	
551638	SWMT-35	35	78	321	4#	8	
551640	SWMT-36	36	79	325	4#	8	
551642	SWMT-38	38	81	329	4#	8	
551644	SWMT-40	40	81	329	4#	8	