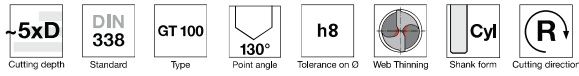
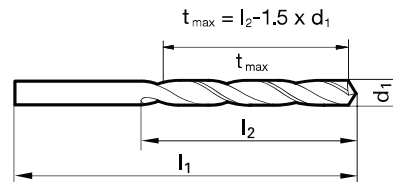


Material group	Hardness		SFM	Feed Rate - IPR									
	HRc	Bhn		1/16 in. 1.590 mm	1/8 in. 3.170 mm	1/4 in. 6.350 mm	3/8 in. 9.520 mm	1/2 in. 12.700 mm	5/8 in. 15.870 mm	3/4 in. 19.050 mm	1 in. 25.400 mm	1 1/4 in. 31.750 mm	1 1/2 in. 38.100 mm
Common structural steels	-	≤ 150	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 32	≤ 301	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Free-cutting steels	≤ 25	≤ 255	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 32	≤ 301	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Unalloyed heat-treatable steels	≤ 20	≤ 220	100	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
	≤ 25	≤ 255	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Alloyed heat-treatable steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Unalloyed case hardened steels	≤ 25	≤ 255	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Alloyed case hardened steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Nitriding steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Tool steels	≤ 25	≤ 255	50	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				
High speed steels	≤ 43	≤ 402											
	≤ 38	≤ 354											
Hardened steels	≤ 48	≤ 460											
	≤ 66	-											
Stainless steels, sulphured austenitic martensitic	≤ 28	≤ 273											
	≤ 36	≤ 337											
Cast iron	≤ 23	≤ 242	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 38	≤ 354	80	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Spheroidal graphite iron and malleable cast iron	≤ 23	≤ 242	90	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 38	≤ 354	65	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Chilled cast iron	≤ 38	≤ 354											
New cast materials GGV	≤ 20	≤ 220											
	≤ 32	≤ 301											
New cast materials ADI	≤ 32	≤ 301											
	≤ 43	≤ 402											
Special alloys	≤ 54	≤ 549											
Ti and Ti-alloys	≤ 25	≤ 255											
	≤ 43	≤ 402											
Aluminium and Al-alloys	-	≤ 120	260	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
Al wrought alloys	-	≤ 200	260	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
Al cast alloys ≤ 10 % Si ≤ 24 % Si	-	≤ 180	205	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
	-	≤ 180	130	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Magnesium alloys	-	≤ 120	260	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Copper, low-alloyed	-	≤ 150	100	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Brass, short-chipping long-chipping	-	≤ 180											
	-	≤ 180	130	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Bronze, short-chipping	-	≤ 180											
	≤ 25	≤ 255											
Bronze, long-chipping	≤ 25	≤ 255	80	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				
	≤ 32	≤ 301											
Duroplastics Thermoplastics Reinforced plastics - Kevlar Reinforced plastics - GFK / CFK			50	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				

Material group	Hardness		SFM	Feed Rate - IPR									
	HRc	Bhn		1/16 in. 1.590 mm	1/8 in. 3.170 mm	1/4 in. 6.350 mm	3/8 in. 9.520 mm	1/2 in. 12.700 mm	5/8 in. 15.870 mm	3/4 in. 19.050 mm	1 in. 25.400 mm	1 1/4 in. 31.750 mm	1 1/2 in. 38.100 mm
Common structural steels	-	≤ 150	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 32	≤ 301	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Free-cutting steels	≤ 25	≤ 255	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 32	≤ 301	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Unalloyed heat-treatable steels	≤ 20	≤ 220	100	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
	≤ 25	≤ 255	80	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Alloyed heat-treatable steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Unalloyed case hardened steels	≤ 25	≤ 255	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Alloyed case hardened steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Nitriding steels	≤ 32	≤ 301											
	≤ 43	≤ 402											
Tool steels	≤ 25	≤ 255	50	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				
High speed steels	≤ 43	≤ 402											
	≤ 38	≤ 354											
Hardened steels	≤ 48	≤ 460											
	≤ 66	-											
Stainless steels, sulphured austenitic martensitic	≤ 28	≤ 273											
	≤ 36	≤ 337											
Cast iron	≤ 23	≤ 242	100	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 38	≤ 354	80	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Spheroidal graphite iron and malleable cast iron	≤ 23	≤ 242	90	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
	≤ 38	≤ 354	65	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Chilled cast iron	≤ 38	≤ 354											
New cast materials GGV	≤ 20	≤ 220											
	≤ 32	≤ 301											
New cast materials ADI	≤ 32	≤ 301											
	≤ 43	≤ 402											
Special alloys	≤ 54	≤ 549											
Ti and Ti-alloys	≤ 25	≤ 255											
	≤ 43	≤ 402											
Aluminium and Al-alloys	-	≤ 120	260	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
Al wrought alloys	-	≤ 200	260	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
Al cast alloys ≤ 10 % Si ≤ 24 % Si	-	≤ 180	205	0.0020	0.0065	0.0100	0.0125	0.0160	0.0160				
	-	≤ 180	160	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Magnesium alloys	-	≤ 120	260	0.0017	0.0050	0.0080	0.0100	0.0125	0.0125				
Copper, low-alloyed	-	≤ 150	100	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Brass, short-chipping long-chipping	-	≤ 180											
	-	≤ 180	130	0.0015	0.0040	0.0065	0.0080	0.0100	0.0100				
Bronze, short-chipping	-	≤ 180											
	≤ 25	≤ 255											
Bronze, long-chipping	≤ 25	≤ 255	80	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				
	≤ 32	≤ 301											
Duroplastics Thermoplastics Reinforced plastics - Kevlar Reinforced plastics - GFK / CFK			50	0.0012	0.0030	0.0050	0.0065	0.0080	0.0080				



- P** Steel ● web thinning ≥ Ø 0.970 • relieved cone • wide flutes • especially for drilling depths > 3xD
 - M** Stainless steel ○
 - K** Cast iron ● grey cast iron • steels up to 1000 N/mm² • Not recommended for: CrNi steels, stainless steels
 - N** Aluminum ●
 - S** Titanium alloys ○
 - H** Hardened steel ○
- =Optimal
○=Limited



Jobber Length

Speeds and feeds information on pg. 499

Shank diameter = cut diameter

Diameter (d ₁)		l ₁ mm	t _{max} mm	l ₂ mm	EDP #
inch	wire/ltr mm				
0.0236		24.00	6.10	7.00	9005490006000
0.0276		28.00	7.95	9.00	9005490007000
0.0280	#70	28.00	7.94	9.00	9005490007100
0.0311	1/32 #68	30.00	8.82	10.00	9005490007900
0.0315		30.00	8.80	10.00	9005490008000
0.0350	#65	32.00	9.67	11.00	9005490008900
0.0374		32.00	9.58	11.00	9005490009500
0.0382	#62	34.00	10.55	12.00	9005490009700
0.0390	#61	34.00	10.52	12.00	9005490009900
0.0394		34.00	10.50	12.00	9005490010000
0.0402	#60	34.00	10.47	12.00	9005490010200
0.0409	#59	34.00	10.44	12.00	9005490010400
0.0413		34.00	10.43	12.00	9005490010500
0.0421	#58	36.00	12.40	14.00	9005490010700
0.0429	#57	36.00	12.37	14.00	9005490010900
0.0433		36.00	12.35	14.00	9005490011000
0.0453		36.00	12.28	14.00	9005490011500
0.0465	#56	36.00	12.23	14.00	9005490011800
0.0469	3/64	38.00	14.22	16.00	9005490011900
0.0472		38.00	14.20	16.00	9005490012000
0.0480		38.00	14.17	16.00	9005490012200
0.0488		38.00	14.14	16.00	9005490012400
0.0492		38.00	14.13	16.00	9005490012500
0.0512		38.00	14.05	16.00	9005490013000
0.0520	#55	38.00	14.02	16.00	9005490013200
0.0531		40.00	15.98	18.00	9005490013500
0.0551	#54	40.00	15.90	18.00	9005490014000
0.0571		40.00	15.83	18.00	9005490014500
0.0575		40.00	15.81	18.00	9005490014600
0.0591		40.00	15.75	18.00	9005490015000
0.0594	#53	43.00	17.74	20.00	9005490015100
0.0610		43.00	17.68	20.00	9005490015500
0.0614		43.00	17.66	20.00	9005490015600
0.0618		43.00	17.65	20.00	9005490015700
0.0622		43.00	17.63	20.00	9005490015800
0.0626	1/16	43.00	17.62	20.00	9005490015900
0.0630		43.00	17.60	20.00	9005490016000
0.0634	#52	43.00	17.59	20.00	9005490016100
0.0638		43.00	17.57	20.00	9005490016200
0.0650		43.00	17.53	20.00	9005490016500
0.0654		43.00	17.51	20.00	9005490016600

Diameter (d ₁)		l ₁ mm	t _{max} mm	l ₂ mm	EDP #
inch	wire/ltr mm				
0.0657		43.00	17.50	20.00	9005490016700
0.0661		43.00	17.48	20.00	9005490016800
0.0665		43.00	17.47	20.00	9005490016900
0.0669	#51	43.00	17.45	20.00	9005490017000
0.0689		46.00	19.38	22.00	9005490017500
0.0701	#50	46.00	19.33	22.00	9005490017800
0.0709		46.00	19.30	22.00	9005490018000
0.0728	#49	46.00	19.23	22.00	9005490018500
0.0732		46.00	19.21	22.00	9005490018600
0.0748		46.00	19.15	22.00	9005490019000
0.0760	#48	49.00	21.11	24.00	9005490019300
0.0768		49.00	21.08	24.00	9005490019500
0.0780	5/64	49.00	21.03	24.00	9005490019800
0.0783	#47	49.00	21.02	24.00	9005490019900
0.0787		49.00	21.00	24.00	9005490020000
0.0795		49.00	20.97	24.00	9005490020200
0.0807		49.00	20.93	24.00	9005490020500
0.0811	#46	49.00	20.91	24.00	9005490020600
0.0819	#45	49.00	20.88	24.00	9005490020800
0.0827		49.00	20.85	24.00	9005490021000
0.0846		53.00	23.78	27.00	9005490021500
0.0858	#44	53.00	23.73	27.00	9005490021800
0.0866		53.00	23.70	27.00	9005490022000
0.0886		53.00	23.63	27.00	9005490022500
0.0890	#43	53.00	23.61	27.00	9005490022600
0.0906		53.00	23.55	27.00	9005490023000
0.0917		53.00	23.51	27.00	9005490023300
0.0925		53.00	23.48	27.00	9005490023500
0.0933	#42	57.00	26.45	30.00	9005490023700
0.0937	3/32	57.00	26.43	30.00	9005490023800
0.0945		57.00	26.40	30.00	9005490024000
0.0953		57.00	26.37	30.00	9005490024200
0.0961	#41	57.00	26.34	30.00	9005490024400
0.0965		57.00	26.33	30.00	9005490024500
0.0976		57.00	26.28	30.00	9005490024800
0.0980	#40	57.00	26.27	30.00	9005490024900
0.0984		57.00	26.25	30.00	9005490025000
0.0996	#39	57.00	26.21	30.00	9005490025300
0.1004		57.00	26.18	30.00	9005490025500
0.1016	#38	57.00	26.13	30.00	9005490025800
0.1024		57.00	26.10	30.00	9005490026000

Jobber Length

Diameter (d ₁)			l ₁ mm	t _{max} mm	l ₂ mm	EDP #
inch	wire/ltr	mm				
0.1039	#37	2.64	57.00	26.04	30.00	9005490026400
0.1043		2.65	57.00	26.03	30.00	9005490026500
0.1063		2.70	61.00	28.95	33.00	9005490027000
0.1067	#36	2.71	61.00	28.94	33.00	9005490027100
0.1083		2.75	61.00	28.88	33.00	9005490027500
0.1094	7/64	2.78	61.00	28.83	33.00	9005490027800
0.1098	#35	2.79	61.00	28.82	33.00	9005490027900
0.1102		2.80	61.00	28.80	33.00	9005490028000
0.1110	#34	2.82	61.00	28.77	33.00	9005490028200
0.1122		2.85	61.00	28.73	33.00	9005490028500
0.1130	#33	2.87	61.00	28.70	33.00	9005490028700
0.1142		2.90	61.00	28.65	33.00	9005490029000
0.1161	#32	2.95	61.00	28.58	33.00	9005490029500
0.1173		2.98	61.00	28.53	33.00	9005490029800
0.1181		3.00	61.00	28.50	33.00	9005490030000
0.1201	#31	3.05	65.00	31.43	36.00	9005490030500
0.1213		3.08	65.00	31.38	36.00	9005490030800
0.1220		3.10	65.00	31.35	36.00	9005490031000
0.1240		3.15	65.00	31.28	36.00	9005490031500
0.1248	1/8	3.17	65.00	31.25	36.00	9005490031700
0.1260		3.20	65.00	31.20	36.00	9005490032000
0.1268		3.22	65.00	31.17	36.00	9005490032200
0.1272		3.23	65.00	31.16	36.00	9005490032300
0.1280		3.25	65.00	31.13	36.00	9005490032500
0.1283	#30	3.26	65.00	31.11	36.00	9005490032600
0.1299		3.30	65.00	31.05	36.00	9005490033000
0.1319		3.35	65.00	30.98	36.00	9005490033500
0.1339		3.40	70.00	33.90	39.00	9005490034000
0.1358	#29	3.45	70.00	33.83	39.00	9005490034500
0.1378		3.50	70.00	33.75	39.00	9005490035000
0.1398		3.55	70.00	33.68	39.00	9005490035500
0.1406	9/64 #28	3.57	70.00	33.65	39.00	9005490035700
0.1409		3.58	70.00	33.63	39.00	9005490035800
0.1417		3.60	70.00	33.60	39.00	9005490036000
0.1441	#27	3.66	70.00	33.51	39.00	9005490036600
0.1449		3.68	70.00	33.48	39.00	9005490036800
0.1457		3.70	70.00	33.45	39.00	9005490037000
0.1469	#26	3.73	70.00	33.41	39.00	9005490037300
0.1476		3.75	70.00	33.38	39.00	9005490037500
0.1496	#25	3.80	75.00	37.30	43.00	9005490038000
0.1520	#24	3.86	75.00	37.21	43.00	9005490038600
0.1524		3.87	75.00	37.20	43.00	9005490038700
0.1535		3.90	75.00	37.15	43.00	9005490039000
0.1539	#23	3.91	75.00	37.14	43.00	9005490039100
0.1555		3.95	75.00	37.08	43.00	9005490039500
0.1563	5/32	3.97	75.00	37.05	43.00	9005490039700
0.1571	#22	3.99	75.00	37.02	43.00	9005490039900
0.1575		4.00	75.00	37.00	43.00	9005490040000
0.1591	#21	4.04	75.00	36.94	43.00	9005490040400
0.1610	#20	4.09	75.00	36.87	43.00	9005490040900
0.1614		4.10	75.00	36.85	43.00	9005490041000
0.1634		4.15	75.00	36.78	43.00	9005490041500
0.1654		4.20	75.00	36.70	43.00	9005490042000
0.1661	#19	4.22	75.00	36.67	43.00	9005490042200
0.1673		4.25	75.00	36.63	43.00	9005490042500
0.1693	#18	4.30	80.00	40.55	47.00	9005490043000
0.1720	11/64	4.37	80.00	40.45	47.00	9005490043700
0.1728	#17	4.39	80.00	40.42	47.00	9005490043900
0.1732		4.40	80.00	40.40	47.00	9005490044000
0.1752		4.45	80.00	40.33	47.00	9005490044500
0.1772	#16	4.50	80.00	40.25	47.00	9005490045000
0.1791		4.55	80.00	40.18	47.00	9005490045500
0.1799	#15	4.57	80.00	40.15	47.00	9005490045700
0.1811		4.60	80.00	40.10	47.00	9005490046000
0.1819	#14	4.62	80.00	40.07	47.00	9005490046200

Diameter (d ₁)			l ₁ mm	t _{max} mm	l ₂ mm	EDP #
inch	wire/ltr	mm				
0.1831		4.65	80.00	40.03	47.00	9005490046500
0.1850	#13	4.70	80.00	39.95	47.00	9005490047000
0.1870		4.75	80.00	39.88	47.00	9005490047500
0.1874	3/16	4.76	86.00	44.86	52.00	9005490047600
0.1890	#12	4.80	86.00	44.80	52.00	9005490048000
0.1909	#11	4.85	86.00	44.73	52.00	9005490048500
0.1929		4.90	86.00	44.65	52.00	9005490049000
0.1937	#10	4.92	86.00	44.62	52.00	9005490049200
0.1949		4.95	86.00	44.58	52.00	9005490049500
0.1961	#9	4.98	86.00	44.53	52.00	9005490049800
0.1969		5.00	86.00	44.50	52.00	9005490050000
0.1988		5.05	86.00	44.43	52.00	9005490050500
0.1992	#8	5.06	86.00	44.41	52.00	9005490050600
0.2008		5.10	86.00	44.35	52.00	9005490051000
0.2012	#7	5.11	86.00	44.34	52.00	9005490051100
0.2028		5.15	86.00	44.28	52.00	9005490051500
0.2031	13/64	5.16	86.00	44.26	52.00	9005490051600
0.2039	#6	5.18	86.00	44.23	52.00	9005490051800
0.2047		5.20	86.00	44.20	52.00	9005490052000
0.2055	#5	5.22	86.00	44.17	52.00	9005490052200
0.2067		5.25	86.00	44.13	52.00	9005490052500
0.2087		5.30	86.00	44.05	52.00	9005490053000
0.2091	#4	5.31	93.00	49.04	57.00	9005490053100
0.2106		5.35	93.00	48.98	57.00	9005490053500
0.2126		5.40	93.00	48.90	57.00	9005490054000
0.2130	#3	5.41	93.00	48.89	57.00	9005490054100
0.2146		5.45	93.00	48.83	57.00	9005490054500
0.2165		5.50	93.00	48.75	57.00	9005490055000
0.2189	7/32	5.56	93.00	48.66	57.00	9005490055600
0.2205		5.60	93.00	48.60	57.00	9005490056000
0.2209	#2	5.61	93.00	48.59	57.00	9005490056100
0.2224		5.65	93.00	48.53	57.00	9005490056500
0.2244		5.70	93.00	48.45	57.00	9005490057000
0.2264		5.75	93.00	48.38	57.00	9005490057500
0.2280	#1	5.79	93.00	48.32	57.00	9005490057900
0.2283		5.80	93.00	48.30	57.00	9005490058000
0.2303		5.85	93.00	48.23	57.00	9005490058500
0.2323		5.90	93.00	48.15	57.00	9005490059000
0.2339	A	5.94	93.00	48.09	57.00	9005490059400
0.2343	15/64	5.95	93.00	48.08	57.00	9005490059500
0.2362		6.00	93.00	48.00	57.00	9005490060000
0.2378	B	6.04	101.00	53.94	63.00	9005490060400
0.2402		6.10	101.00	53.85	63.00	9005490061000
0.2421	C	6.15	101.00	53.78	63.00	9005490061500
0.2441		6.20	101.00	53.70	63.00	9005490062000
0.2461	D	6.25	101.00	53.63	63.00	9005490062500
0.2480		6.30	101.00	53.55	63.00	9005490063000
0.2500	1/4 E	6.35	101.00	53.48	63.00	9005490063500
0.2520		6.40	101.00	53.40	63.00	9005490064000
0.2559		6.50	101.00	53.25	63.00	9005490065000
0.2571		6.53	101.00	53.21	63.00	9005490065300
0.2598		6.60	101.00	53.10	63.00	9005490066000
0.2610	G	6.63	101.00	53.06	63.00	9005490066300
0.2638		6.70	101.00	52.95	63.00	9005490067000
0.2657	17/64 H	6.75	109.00	58.88	69.00	9005490067500
0.2677		6.80	109.00	58.80	69.00	9005490068000
0.2689		6.83	109.00	58.76	69.00	9005490068300
0.2717	I	6.90	109.00	58.65	69.00	9005490069000
0.2756		7.00	109.00	58.50	69.00	9005490070000
0.2768	J	7.03	109.00	58.46	69.00	9005490070300
0.2772		7.04	109.00	58.44	69.00	9005490070400
0.2776		7.05	109.00	58.43	69.00	9005490070500
0.2795		7.10	109.00	58.35	69.00	9005490071000
0.2811	9/32 K	7.14	109.00	58.29	69.00	9005490071400
0.2835		7.20	109.00	58.20	69.00	9005490072000

Diameter (d ₁)		l ₁ mm	t _{max} mm	l ₂ mm	EDP #	
inch	wire/ltr					
0.2854		7.25	109.00	58.13	69.00	9005490072500
0.2874		7.30	109.00	58.05	69.00	9005490073000
0.2902	L	7.37	109.00	57.95	69.00	9005490073700
0.2913		7.40	109.00	57.90	69.00	9005490074000
0.2949	M	7.49	109.00	57.77	69.00	9005490074900
0.2953		7.50	109.00	57.75	69.00	9005490075000
0.2969	19/64	7.54	117.00	63.69	75.00	9005490075400
0.2992		7.60	117.00	63.60	75.00	9005490076000
0.3020	N	7.67	117.00	63.50	75.00	9005490076700
0.3031		7.70	117.00	63.45	75.00	9005490077000
0.3051		7.75	117.00	63.38	75.00	9005490077500
0.3071		7.80	117.00	63.30	75.00	9005490078000
0.3110		7.90	117.00	63.15	75.00	9005490079000
0.3126	5/16	7.94	117.00	63.09	75.00	9005490079400
0.3150		8.00	117.00	63.00	75.00	9005490080000
0.3161	O	8.03	117.00	62.96	75.00	9005490080300
0.3189		8.10	117.00	62.85	75.00	9005490081000
0.3228	P	8.20	117.00	62.70	75.00	9005490082000
0.3248		8.25	117.00	62.63	75.00	9005490082500
0.3268		8.30	117.00	62.55	75.00	9005490083000
0.3280	21/64	8.33	117.00	62.51	75.00	9005490083300
0.3307		8.40	117.00	62.40	75.00	9005490084000
0.3319	Q	8.43	117.00	62.36	75.00	9005490084300
0.3346		8.50	117.00	62.25	75.00	9005490085000
0.3386		8.60	125.00	68.10	81.00	9005490086000
0.3390	R	8.61	125.00	68.09	81.00	9005490086100
0.3425		8.70	125.00	67.95	81.00	9005490087000
0.3437	11/32	8.73	125.00	67.91	81.00	9005490087300
0.3445		8.75	125.00	67.88	81.00	9005490087500
0.3465		8.80	125.00	67.80	81.00	9005490088000
0.3480	S	8.84	125.00	67.74	81.00	9005490088400
0.3504		8.90	125.00	67.65	81.00	9005490089000
0.3543		9.00	125.00	67.50	81.00	9005490090000
0.3579	T	9.09	125.00	67.37	81.00	9005490090900
0.3583		9.10	125.00	67.35	81.00	9005490091000
0.3594	23/64	9.13	125.00	67.31	81.00	9005490091300
0.3622		9.20	125.00	67.20	81.00	9005490092000
0.3642		9.25	125.00	67.13	81.00	9005490092500
0.3661		9.30	125.00	67.05	81.00	9005490093000
0.3677	U	9.34	125.00	66.99	81.00	9005490093400
0.3681		9.35	125.00	66.98	81.00	9005490093500
0.3701		9.40	125.00	66.90	81.00	9005490094000
0.3740		9.50	125.00	66.75	81.00	9005490095000
0.3748	3/8	9.52	133.00	72.72	87.00	9005490095200
0.3772	V	9.58	133.00	72.63	87.00	9005490095800
0.3780		9.60	133.00	72.60	87.00	9005490096000
0.3819		9.70	133.00	72.45	87.00	9005490097000
0.3839		9.75	133.00	72.38	87.00	9005490097500
0.3858	W	9.80	133.00	72.30	87.00	9005490098000
0.3898		9.90	133.00	72.15	87.00	9005490099000
0.3906	25/64	9.92	133.00	72.12	87.00	9005490099200
0.3937		10.00	133.00	72.00	87.00	9005490100000
0.3969	X	10.08	133.00	71.88	87.00	9005490100800
0.3976		10.10	133.00	71.85	87.00	9005490101000
0.4016		10.20	133.00	71.70	87.00	9005490102000
0.4039	Y	10.26	133.00	71.61	87.00	9005490102600

Diameter (d ₁)		l ₁ mm	t _{max} mm	l ₂ mm	EDP #	
inch	wire/ltr					
0.4055		10.30	133.00	71.55	87.00	9005490103000
0.4063	13/32	10.32	133.00	71.52	87.00	9005490103200
0.4094		10.40	133.00	71.40	87.00	9005490104000
0.4130	Z	10.49	133.00	71.27	87.00	9005490104900
0.4134		10.50	133.00	71.25	87.00	9005490105000
0.4173		10.60	133.00	71.10	87.00	9005490106000
0.4213		10.70	142.00	77.95	94.00	9005490107000
0.4220	27/64	10.72	142.00	77.92	94.00	9005490107200
0.4232		10.75	142.00	77.88	94.00	9005490107500
0.4252		10.80	142.00	77.80	94.00	9005490108000
0.4291		10.90	142.00	77.65	94.00	9005490109000
0.4331		11.00	142.00	77.50	94.00	9005490110000
0.4370		11.10	142.00	77.35	94.00	9005490111000
0.4374	7/16	11.11	142.00	77.34	94.00	9005490111100
0.4409		11.20	142.00	77.20	94.00	9005490112000
0.4449		11.30	142.00	77.05	94.00	9005490113000
0.4488		11.40	142.00	76.90	94.00	9005490114000
0.4528		11.50	142.00	76.75	94.00	9005490115000
0.4531	29/64	11.51	142.00	76.74	94.00	9005490115100
0.4567		11.60	142.00	76.60	94.00	9005490116000
0.4606		11.70	142.00	76.45	94.00	9005490117000
0.4626		11.75	142.00	76.38	94.00	9005490117500
0.4646		11.80	142.00	76.30	94.00	9005490118000
0.4685		11.90	151.00	83.15	101.00	9005490119000
0.4689	15/32	11.91	151.00	83.14	101.00	9005490119100
0.4724		12.00	151.00	83.00	101.00	9005490120000
0.4764		12.10	151.00	82.85	101.00	9005490121000
0.4783		12.15	151.00	82.78	101.00	9005490121500
0.4803		12.20	151.00	82.70	101.00	9005490122000
0.4843	31/64	12.30	151.00	82.55	101.00	9005490123000
0.4921		12.50	151.00	82.25	101.00	9005490125000
0.5000	1/2	12.70	151.00	81.95	101.00	9005490127000
0.5020		12.75	151.00	81.88	101.00	9005490127500
0.5039		12.80	151.00	81.80	101.00	9005490128000
0.5079		12.90	151.00	81.65	101.00	9005490129000
0.5118		13.00	151.00	81.50	101.00	9005490130000
0.5157	33/64	13.10	151.00	81.35	101.00	9005490131000
0.5197		13.20	151.00	81.20	101.00	9005490132000
0.5311	17/32	13.49	160.00	87.77	108.00	9005490134900
0.5315		13.50	160.00	87.75	108.00	9005490135000
0.5354		13.60	160.00	87.60	108.00	9005490136000
0.5394		13.70	160.00	87.45	108.00	9005490137000
0.5469	35/64	13.89	160.00	87.17	108.00	9005490138900
0.5512		14.00	160.00	87.00	108.00	9005490140000
0.5626	9/16	14.29	169.00	92.57	114.00	9005490142900
0.5669		14.40	169.00	92.40	114.00	9005490144000
0.5709		14.50	169.00	92.25	114.00	9005490145000
0.5780	37/64	14.68	169.00	91.98	114.00	9005490146800
0.5906		15.00	169.00	91.50	114.00	9005490150000
0.5937	19/32	15.08	178.00	97.38	120.00	9005490150800
0.6094	39/64	15.48	178.00	96.78	120.00	9005490154800
0.6102		15.50	178.00	96.75	120.00	9005490155000
0.6201		15.75	178.00	96.38	120.00	9005490157500
0.6248	5/8	15.87	178.00	96.20	120.00	9005490158700
0.6299		16.00	178.00	96.00	120.00	9005490160000

Jobber Length