



## Stub Length

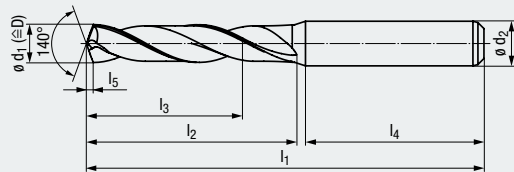
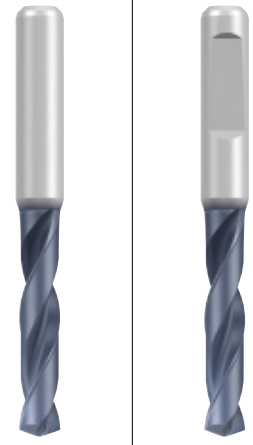
**Carbide** **TIALN T14**

**DIN 6537 K** **R30**

**Z2** **2FF**

**140°** **IT9-IT10**

**DIN 6535**  
 HA   
 HE 



$l_3$  = Max Effective Drill Depth

## 3 x D

Range of Application: See Pgs. 6-9

**P 1.1-5.1** **K 1.1-4.2** **N 1.1-5**  
**N 2.1-8** **N 5.1** **H 1.1-2**

Nominal Size $\varnothing d_1$ m7			mm								EF-Drill TA103324 HA SHANK	EF-Drill TA403324 HE SHANK	
inch	Fraction	Wire letter	mm			$l_1$	$l_2$	$l_3$	$l_4$	$l_5$	$\varnothing d_2$ h6		
0.1102			2.800	#6-32UNC	M3	57	16	11	36	0.6	6	TA103324.0280	TA403324.0280
0.1142			2.900	#6-32UNJC	#5-40UNC	57	16	11	36	0.6	6	TA103324.0290	TA403324.0290
0.1150			2.920		#5-44UNF	57	16	11	36	0.6	6	TA103324.0292	TA403324.0292
0.1181			3.000	#6-40UNF		62	20	14	36	0.6	6	TA103324.0300	TA403324.0300
0.1220			3.100	STI-#4-40		62	20	14	36	0.6	6	TA103324.0310	TA403324.0310
0.1240			3.150	M3.5x0.35	#6-32UNC	62	20	14	36	0.7	6	TA103324.0315	TA403324.0315
0.1250	1/8		3.175			62	20	14	36	0.7	6	TA103324.0318	TA403324.0318
0.1260			3.200	BSW 5/32-32	#6-40UNF	62	20	14	36	0.7	6	TA103324.0320	TA403324.0320
0.1280			3.250		M3.5	62	20	14	36	0.7	6	TA103324.0325	TA403324.0325
0.1299			3.300	M4		62	20	14	36	0.7	6	TA103324.0330	TA403324.0330
0.1331			3.380		M3.5x0.35	62	20	14	36	0.7	6	TA103324.0338	TA403324.0338
0.1339			3.400	MJ4x0.7		62	20	14	36	0.7	6	TA103324.0340	TA403324.0340
0.1378			3.500	#8-32UNC		62	20	14	36	0.7	6	TA103324.0350	TA403324.0350
0.1406	9/64	#28	3.571			62	20	14	36	0.7	6	TA103324.0357	TA403324.0357
0.1417			3.600	#8-36UNJF		62	20	14	36	0.7	6	TA103324.0360	TA403324.0360
0.1457			3.700	M4.5	M4	62	20	14	36	0.8	6	TA103324.0370	TA403324.0370
0.1496		#25	3.800	STI-#6-32	#8-32UNC	66	24	17	36	0.8	6	TA103324.0380	TA403324.0380
0.1516			3.850		#8-36UNF	66	24	17	36	0.8	6	TA103324.0385	TA403324.0385
0.1535			3.900	#10-24UNC		66	24	17	36	0.8	6	TA103324.0390	TA403324.0390
0.1563	5/32		3.970			66	24	17	36	0.8	6	TA103324.0397	TA403324.0397
0.1575			4.000	M4.5x0.5		66	24	17	36	0.8	6	TA103324.0400	TA403324.0400
0.1590		#21	4.038			66	24	17	36	0.8	6	TA103324.0404	TA403324.0404
0.1614			4.100	#10-32UNF		66	24	17	36	0.8	6	TA103324.0410	TA403324.0410
0.1654			4.200	M5, STI-M4	M4.5	66	24	17	36	0.9	6	TA103324.0420	TA403324.0420
0.1693		#18	4.300	MJ5x0.8		66	24	17	36	0.9	6	TA103324.0430	TA403324.0430
0.1713			4.350		#10-24UNC	66	24	17	36	0.9	6	TA103324.0435	TA403324.0435
0.1719	11/64		4.366			66	24	17	36	0.9	6	TA103324.0437	TA403324.0437
0.1732			4.400	M5x0.75		66	24	17	36	0.9	6	TA103324.0440	TA403324.0440
0.1752			4.450		#10-32UNF	66	24	17	36	0.9	6	TA103324.0445	TA403324.0445
0.1772			4.500	#12-24UNC		66	24	17	36	0.9	6	TA103324.0450	TA403324.0450
0.1811			4.600	#12-28UNF		66	24	17	36	0.9	6	TA103324.0460	TA403324.0460
0.1831			4.650	#12-24UNJC	M5	66	24	17	36	0.9	6	TA103324.0465	TA403324.0465
0.1850		#13	4.700	LK-UNC#12-24		66	24	17	36	1.0	6	TA103324.0470	TA403324.0470
0.1875	3/16		4.763	#12-28UNJF		66	28	20	36	1.0	6	TA103324.0476	TA403324.0476
0.1890		#12	4.800	#12-32UNEF	M5x0.5, STI-M5	66	28	20	36	1.0	6	TA103324.0480	TA403324.0480
0.1929			4.900			66	28	20	36	1.0	6	TA103324.0490	TA403324.0490
0.1969			5.000	M6	#12-24UNC	66	28	20	36	1.0	6	TA103324.0500	TA403324.0500
0.2008			5.100	MJ6x1	#12-28UNF	66	28	20	36	1.0	6	TA103324.0510	TA403324.0510
0.2010		#7	5.106			66	28	20	36	1.0	6	TA103324.0511	TA403324.0511
0.2031	13/64		5.159			66	28	20	36	1.0	6	TA103324.0516	TA403324.0516
0.2047			5.200	1/4-20UNC		66	28	20	36	1.0	6	TA103324.0520	TA403324.0520
0.2087			5.300	1/4-20UNJC		66	28	20	36	1.1	6	TA103324.0530	TA403324.0530
0.2126			5.400			66	28	20	36	1.1	6	TA103324.0540	TA403324.0540
0.2130		#3	5.410			66	28	20	36	1.1	6	TA103324.0541	TA403324.0541

## Stub Length

Carbide

TIALN  
T14

DIN  
6537 K

R30

Z2

2FF

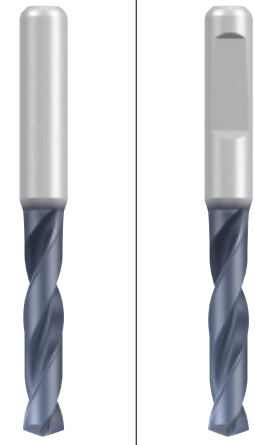
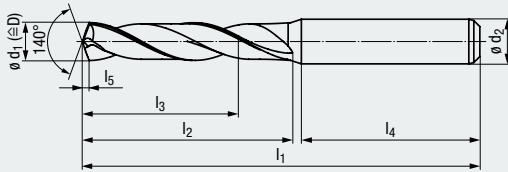
140°

IT9-IT10

DIN 6535

HA

HE



$l_3$  = Max Effective Drill Depth

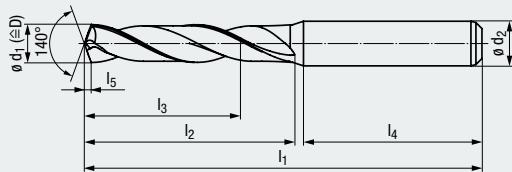
### 3 x D

Range of Application: See Pgs. 6-9

P 1.1-5.1   K 1.1-4.2   N 1.1-5  
N 2.1-8   N 5.1   H 1.1-2

Nominal Size $\varnothing d_1$ m7						mm						EF-Drill TA103324 HA SHANK	EF-Drill TA403324 HE SHANK
inch	Fraction	Wire letter	mm			$l_1$	$l_2$	$l_3$	$l_4$	$l_5$	$\varnothing d_2$ h6		
0.2165			5.500	1/4-28 UNF		66	28	20	36	1.1	6	TA103324.0550	TA403324.0550
0.2187	7/32		5.556	1/4-28 UNJF		66	28	20	36	1.1	6	TA103324.0556	TA403324.0556
0.2205			5.600	1/4-32 UNEF	M6	66	28	20	36	1.1	6	TA103324.0560	TA403324.0560
0.2264			5.750		1/4-20 UNC	66	28	20	36	1.1	6	TA103324.0575	TA403324.0575
0.2283			5.800		M6x0.5	66	28	20	36	1.2	6	TA103324.0580	TA403324.0580
0.2323			5.900			66	28	20	36	1.2	6	TA103324.0590	TA403324.0590
0.2344	15/64		5.954		1/4-28 UNF	66	28	20	36	1.2	6	TA103324.0595	TA403324.0595
0.2362			6.000	M7, Rd 8x1/10		66	28	20	36	1.2	6	TA103324.0600	TA403324.0600
0.2402			6.100	MJ7x1		79	34	24	36	1.2	8	TA103324.0610	TA403324.0610
0.2441			6.200	M7x0.75		79	34	24	36	1.2	8	TA103324.0620	TA403324.0620
0.2480			6.300	M7x0.5, STI-M6		79	34	24	36	1.3	8	TA103324.0630	TA403324.0630
0.2500	1/4	E	6.350	1/16-27 NPSF		79	34	24	36	1.3	8	TA103324.0635	TA403324.0635
0.2520			6.400			79	34	24	36	1.3	8	TA103324.0640	TA403324.0640
0.2559			6.500	BSW 5/16-18		79	34	24	36	1.3	8	TA103324.0650	TA403324.0650
0.2570		F	6.528			79	34	24	36	1.3	8	TA103324.0653	TA403324.0653
0.2598			6.600	5/16-18 UNC	M7	79	34	24	36	1.3	8	TA103324.0660	TA403324.0660
0.2638			6.700	5/16-18 UNJC	M7x0.75	79	34	24	36	1.3	8	TA103324.0670	TA403324.0670
0.2656	17/64		6.746			79	34	24	36	1.4	8	TA103324.0675	TA403324.0675
0.2677			6.800	M8, G 1/16		79	34	24	36	1.4	8	TA103324.0680	TA403324.0680
0.2717			6.900	5/16-24 UNF		79	34	24	36	1.4	8	TA103324.0690	TA403324.0690
0.2756			7.000	5/16-24 UNJF		79	34	24	36	1.4	8	TA103324.0700	TA403324.0700
0.2795			7.100	MJ8x1		79	41	29	36	1.4	8	TA103324.0710	TA403324.0710
0.2813	9/32	K	7.145			79	41	29	36	1.4	8	TA103324.0715	TA403324.0715
0.2835			7.200	5/16-32 UNEF		79	41	29	36	1.5	8	TA103324.0720	TA403324.0720
0.2854			7.250		5/16-18 UNC	79	41	29	36	1.5	8	TA103324.0725	TA403324.0725
0.2874			7.300			79	41	29	36	1.5	8	TA103324.0730	TA403324.0730
0.2913			7.400			79	41	29	36	1.5	8	TA103324.0740	TA403324.0740
0.2933			7.450		5/16-24 UNF, M8	79	41	29	36	1.5	8	TA103324.0745	TA403324.0745
0.2953			7.500	M8x0.5		79	41	29	36	1.5	8	TA103324.0750	TA403324.0750
0.2969	19/64		7.541			79	41	29	36	1.5	8	TA103324.0754	TA403324.0754
0.2992			7.600	Tr 9x1.5	M8x1, STI-M8	79	41	29	36	1.5	8	TA103324.0760	TA403324.0760
0.3031			7.700		M8x0.75	79	41	29	36	1.5	8	TA103324.0770	TA403324.0770
0.3071			7.800	M9		79	41	29	36	1.5	8	TA103324.0780	TA403324.0780
0.3110			7.900	BSW 3/8-16		79	41	29	36	1.6	8	TA103324.0790	TA403324.0790
0.3125	5/16		7.938			79	41	29	36	1.6	8	TA103324.0794	TA403324.0794
0.3150			8.000	3/8-16 UNC		79	41	29	36	1.6	8	TA103324.0800	TA403324.0800
0.3189			8.100	3/8-16 UNJC		89	47	35	40	1.6	10	TA103324.0810	TA403324.0810
0.3228			8.200	M9x0.75		89	47	35	40	1.6	10	TA103324.0820	TA403324.0820
0.3268			8.300	LK-UNC 3/8-16		89	47	35	40	1.6	10	TA103324.0830	TA403324.0830
0.3281	21/64		8.334			89	47	35	40	1.6	10	TA103324.0833	TA403324.0833
0.3307			8.400	STI-5/16-18		89	47	35	40	1.7	10	TA103324.0840	TA403324.0840
0.3346			8.500	3/8-24 UNF, M10		89	47	35	40	1.7	10	TA103324.0850	TA403324.0850
0.3386			8.600	3/8-24 UNJF	M9x1	89	47	35	40	1.7	10	TA103324.0860	TA403324.0860
0.3425			8.700	3/8-32 UNEF	M9x0.75	89	47	35	40	1.7	10	TA103324.0870	TA403324.0870

## Stub Length



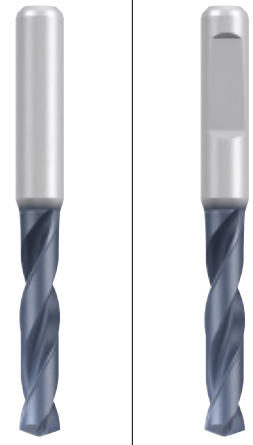
**Carbide** **TIALN T14**

**DIN 6537 K** **R30**

**Z2** **2FF**

**140°** **IT9-IT10**

**DIN 6535**  
 HA   
 HE



$l_3$  = Max Effective Drill Depth

### 3 x D

Range of Application: See Pgs. 6-9

P 1.1-5.1
K 1.1-4.2
N 1.1-5  
N 2.1-8
N 5.1
H 1.1-2

Nominal Size $\varnothing d_1$ m7			mm								EF-Drill TA103324 HA SHANK	EF-Drill TA403324 HE SHANK	
inch	Fraction	Wire letter	mm			$l_1$	$l_2$	$l_3$	$l_4$	$l_5$	$\varnothing d_2$ h6		
0.3438	11/32		8.733	1/8-27 NPSC		89	47	35	40	1.7	10	TA103324.0873	TA403324.0873
0.3465			8.800	M10x1.25	3/8-16 UNC	89	47	35	40	1.7	10	TA103324.0880	TA403324.0880
0.3504			8.900	MJ10x1.25		89	47	35	40	1.8	10	TA103324.0890	TA403324.0890
0.3543			9.000	M10x1		89	47	35	40	1.8	10	TA103324.0900	TA403324.0900
0.3563			9.050		3/8-24 UNF	89	47	35	40	1.8	10	TA103324.0905	TA403324.0905
0.3583			9.100	1/8-27 NPSM		89	47	35	40	1.8	10	TA103324.0910	TA403324.0910
0.3594	23/64		9.129			89	47	35	40	1.8	10	TA103324.0913	TA403324.0913
0.3622			9.200	M10x0.75		89	47	35	40	1.8	10	TA103324.0920	TA403324.0920
0.3642			9.250			89	47	35	40	1.8	10	TA103324.0925	TA403324.0925
0.3661			9.300			89	47	35	40	1.8	10	TA103324.0930	TA403324.0930
0.3681			9.350		M10	89	47	35	40	1.8	10	TA103324.0935	TA403324.0935
0.3701			9.400	7/16-14 UNC		89	47	35	40	1.9	10	TA103324.0940	TA403324.0940
0.3740			9.500	7/16-14 UNJC	STI-M10	89	47	35	40	1.9	10	TA103324.0950	TA403324.0950
0.3750	3/8		9.525			89	47	35	40	1.9	10	TA103324.0953	TA403324.0953
0.3780			9.600		M10x1	89	47	35	40	1.9	10	TA103324.0960	TA403324.0960
0.3819			9.700	LK-UNC 7/16-14	M10x0.75	89	47	35	40	1.9	10	TA103324.0970	TA403324.0970
0.3858			9.800	STI-3/8-24		89	47	35	40	1.9	10	TA103324.0980	TA403324.0980
0.3898			9.900	7/16-20 UNF		89	47	35	40	2.0	10	TA103324.0990	TA403324.0990
0.3906	25/64		9.921			89	47	35	40	2.0	10	TA103324.0992	TA403324.0992
0.3937			10.000	7/16-20 UNJF		89	47	35	40	2.0	10	TA103324.1000	TA403324.1000
0.3976			10.100			102	55	40	45	2.0	12	TA103324.1010	TA403324.1010
0.4016			10.200	7/16-28 UNEF		102	55	40	45	2.0	12	TA103324.1020	TA403324.1020
0.4035			10.250		7/16-14 UNC	102	55	40	45	2.0	12	TA103324.1025	TA403324.1025
0.4055			10.300			102	55	40	45	2.0	12	TA103324.1030	TA403324.1030
0.4063	13/32		10.320			102	55	40	45	2.0	12	TA103324.1032	TA403324.1032
0.4134			10.500	M12x1.5		102	55	40	45	2.1	12	TA103324.1050	TA403324.1050
0.4154			10.550		7/16-20 UNF	102	55	40	45	2.1	12	TA103324.1055	TA403324.1055
0.4213			10.700	LK-M12		102	55	40	45	2.1	12	TA103324.1070	TA403324.1070
0.4219	27/64		10.716	1/2-13 UNC		102	55	40	45	2.1	12	TA103324.1072	TA403324.1072
0.4252			10.800	M12x1.25		102	55	40	45	2.1	12	TA103324.1080	TA403324.1080
0.4291			10.900	1/2-13 UNJC		102	55	40	45	2.1	12	TA103324.1090	TA403324.1090
0.4331			11.000	M12x1		102	55	40	45	2.2	12	TA103324.1100	TA403324.1100
0.4370			11.100	BSF 1/2-16		102	55	40	45	2.2	12	TA103324.1110	TA403324.1110
0.4375	7/16		11.113	LK-UNC 1/2-13		102	55	40	45	2.2	12	TA103324.1111	TA403324.1111
0.4409			11.200			102	55	40	45	2.2	12	TA103324.1120	TA403324.1120
0.4429			11.250	M12x0.75	M12	102	55	40	45	2.2	12	TA103324.1125	TA403324.1125
0.4469			11.350	Pg7	M12x1.5	102	55	40	45	2.2	12	TA103324.1135	TA403324.1135
0.4488			11.400	1/4-18 NPSC		102	55	40	45	2.2	12	TA103324.1140	TA403324.1140
0.4508			11.450		M12x1.25	102	55	40	45	2.2	12	TA103324.1145	TA403324.1145
0.4528			11.500	1/2-20 UNF		102	55	40	45	2.3	12	TA103324.1150	TA403324.1150
0.4531	29/64		11.509			102	55	40	45	2.3	12	TA103324.1151	TA403324.1151
0.4567			11.600	1/2-20 UNJF	M12x1	102	55	40	45	2.3	12	TA103324.1160	TA403324.1160
0.4606			11.700			102	55	40	45	2.3	12	TA103324.1170	TA403324.1170
0.4646			11.800	1/2-28 UNEF	1/2-13 UNC	102	55	40	45	2.3	12	TA103324.1180	TA403324.1180



**Stub Length**

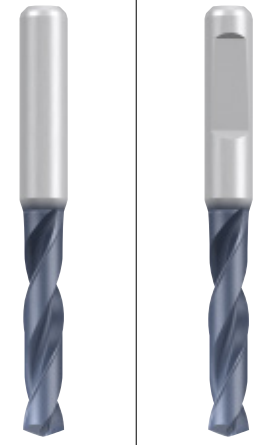
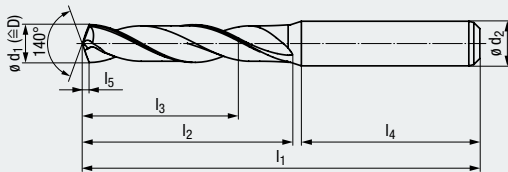
**Carbide** **TIALN T14**

**DIN 6537 K** **R30**

**Z2** **2FF**

**140°** **IT9-IT10**

**DIN 6535**  
 HA   
 HE 





$l_3$  = Max Effective Drill Depth

**3 x D**

Range of Application: See Pgs. 6-9

**P 1.1-5.1** **K 1.1-4.2** **N 1.1-5**  
**N 2.1-8** **N 5.1** **H 1.1-2**

Nominal Size $\varnothing d_1$ m7						mm						$\varnothing d_2$ h6	EF-Drill TA103324 HA SHANK	EF-Drill TA403324 HE SHANK
inch	Fraction	Wire letter	mm			$l_1$	$l_2$	$l_3$	$l_4$	$l_5$				
0.4685			11.900			102	55	40	45	2.3	12	TA103324.1190	TA403324.1190	
0.4688	15/32		11.908			102	55	40	45	2.3	12	TA103324.1191	TA403324.1191	
0.4724			12.000	M14		102	55	40	45	2.4	12	TA103324.1200	TA403324.1200	
0.4783			12.150		1/2-20 UNF	102	55	40	45	2.4	12	TA103324.1215	TA403324.1215	
0.4803			12.200	Tr 14x2		102	55	40	45	2.4	14	TA103324.1220	TA403324.1220	
0.4844	31/64		12.304	9/16-12 UNC		102	55	40	45	2.4	14	TA103324.1230	TA403324.1230	
0.4921			12.500	M14x1.5		102	55	40	45	2.4	14	TA103324.1250	TA403324.1250	
0.4941			12.550		G1/4-19	102	55	40	45	2.4	14	TA103324.1255	TA403324.1255	
0.5000	1/2		12.700	LK-UNC 9/16-12		102	55	40	45	2.5	14	TA103324.1270	TA403324.1270	
0.5039			12.800	M14x1.25		102	55	40	45	2.5	14	TA103324.1280	TA403324.1280	
0.5118			13.000	9/16-18 UNJF		102	55	40	45	2.5	14	TA103324.1300	TA403324.1300	
0.5157			13.100	STI-1/2-20	M14	102	55	40	45	2.6	14	TA103324.1310	TA403324.1310	
0.5236			13.300	9/16-24 UNEF	9/16-12 UNC	102	55	40	45	2.6	14	TA103324.1330	TA403324.1330	
0.5256			13.350		M14x1.5	102	55	40	45	2.6	14	TA103324.1335	TA403324.1335	
0.5295			13.450		M14x1.25	102	55	40	45	2.6	14	TA103324.1345	TA403324.1345	
0.5313	17/32		13.495	5/8-11 UNC		102	55	40	45	2.6	14	TA103324.1349	TA403324.1349	
0.5315			13.500			102	55	40	45	2.6	14	TA103324.1350	TA403324.1350	
0.5374			13.650	5/8-11 UNJC	9/16-18 UNF	102	55	40	45	2.7	14	TA103324.1365	TA403324.1365	
0.5394			13.700			102	55	40	45	2.7	14	TA103324.1370	TA403324.1370	
0.5469	35/64		13.891			102	55	40	45	2.7	14	TA103324.1389	TA403324.1389	
0.5512			14.000	M16, M15x1		102	55	40	45	2.7	14	TA103324.1400	TA403324.1400	
0.5551			14.100			115	65	45	48	2.8	16	TA103324.1410	TA403324.1410	
0.5625	9/16		14.288			115	65	45	48	2.8	16	TA103324.1429	TA403324.1429	
0.5709			14.500	5/8-18 UNF		115	65	45	48	2.8	16	TA103324.1450	TA403324.1450	
0.5748			14.600	5/8-18 UNJF	M15x1	115	65	45	48	2.9	16	TA103324.1460	TA403324.1460	
0.5781	37/64		14.684	3/8-18 NPSC		115	65	45	48	2.9	16	TA103324.1468	TA403324.1468	
0.5827			14.800		5/8-11 UNC	115	65	45	48	2.9	16	TA103324.1480	TA403324.1480	
0.5906			15.000	M16x1		115	65	45	48	2.9	16	TA103324.1500	TA403324.1500	
0.5938	19/32		15.083			115	65	45	48	2.9	16	TA103324.1508	TA403324.1508	
0.5945			15.100		M16	115	65	45	48	2.9	16	TA103324.1510	TA403324.1510	
0.6102			15.500	M18		115	65	45	48	3.0	16	TA103324.1550	TA403324.1550	
0.6142			15.600		M16x1	115	65	45	48	3.0	16	TA103324.1560	TA403324.1560	
0.6250	5/8		15.875			115	65	45	48	3.1	16	TA103324.1588	TA403324.1588	
0.6299			16.000	M18x2		115	65	45	48	3.1	16	TA103324.1600	TA403324.1600	
0.6406	41/64		16.272			123	73	51	48	3.1	18	TA103324.1627	TA403324.1627	
0.6496			16.500	STI-5/8-11		123	73	51	48	3.2	18	TA103324.1650	TA403324.1650	
0.6563	21/32		16.669	3/4-10 UNC		123	73	51	48	3.2	18	TA103324.1667	TA403324.1667	
0.6693			17.000	M18x1		123	73	51	48	3.3	18	TA103324.1700	TA403324.1700	
0.6875	11/16		17.463			123	73	51	48	3.3	18	TA103324.1746	TA403324.1746	
0.6890			17.500	3/4-16 UNF, M20		123	73	51	48	3.4	18	TA103324.1750	TA403324.1750	
0.7087			18.000	M20x2, LK-M16		123	73	51	48	3.5	18	TA103324.1800	TA403324.1800	
0.7480			19.000	M20x1		131	79	55	50	3.7	20	TA103324.1900	TA403324.1900	
0.7500	3/4		19.050			131	79	55	50	3.7	20	TA103324.1905	TA403324.1905	
0.7874			20.000	M22x2	G1/2-14	131	79	55	50	3.9	20	TA103324.2000	TA403324.2000	