

NC35	4 3/4"	2 11/16"	4	2"	3 3/4"	3.739"	3.109"	3 13/16"	4 3/8"	
	4 75"	2 11/16"		2"	A "	4.040	2 242"	4 5/04	4 5/0"	
3 1/2 APT IF (INC30)	4.75	2 11/10	4	2	4	4.016	3.343	4 5/64	4 3/6	
3 1/2 Beco	5"	1 1/2"	2	3"	3 5/8"	3.985"	3.079	4 1/8"	4 1/2"	
4 API FH (NC40)	5 1/4"	2 13/16"	4	2"	4 1/2"	4.280"	3.531	4 11/32"	5 1/8"	
3 1/2 API FH	4 5/8"	2 7/16"	5	3"	3 3/4"	3.994"	3.062"	4 3/64"	4 3/8"	
4 Beco	5 1/2"	2"	2	3"	4 1/8"	4.487"	3.453"	4 5/8"	5"	
NC44	6"	2 1/4"	4	2"	4 1/2"	4.625"	3.875"	4 11/16"	5 1/8"	
4 1/2 API Reg	5 1/2"	2 1/4"	5	3"	4 1/4"	4 625"	3 562"	4 11/16"	4 7/8"	
	6"	3"	5	3"	A"	4.702"	3 796"	4 27/22"	1 5/8"	
	6	2 1/4"	3	2"		4.792	4.002"	4 27/32	F 1/0"	
4 IF (NC40)	0	5 1/4	4	2	4 1/2	4.034	4.095	4 29/32	5 1/6	
4 1/2 Beco	6 1/8"	2"	2	3"	4 1/8"	4.985"	3.953"	5 1/8"	5"	
4 1/2 API IF (NC50)	6 5/8"	3 3/4"	4	2"	4 1/2"	5.250"	4.500"	5 5/16"	5 1/8"	
5 1/2 API Reg	6 3/4"	2 3/4"	4	3"	4 3/4"	5 520"	4.328"	5 37/64	5 3/8"	
5 1/4 Beco	7"	2 1/4"	2	3"	4 3/4"	5 735"	4 547"	5 7/8"	5 1/2"	
0 11 1 2000	•	2	2	U	1.6/1	0.700		01/0	0 112	
	7 3/4"	3 1/2"	4	2"	5"	5 002"	5 156"	6 2/64"	5 5/8"	
6 Booo	0"	3 1/2	4	2"	4 7/0"	0.405"	5.150	0 3/04	5 5/0	
6 Весо	8	3 1/4	2	3	4 7/8	6.485"	5.200	6 5/8"	5 1/2	
7 5/8" API Reg	8 7/8"	4"	4	3"	5 1/4"	7"	5.688"	7 3/32"	5 7/8"	
7 Beco	9 1/4"	3 1/4"	4	2"	4 7/8"	7.485"	6.266"	7 5/8"	5 1/2"	
8 5/8 API Rea	10"	4 3/4"	4	3"	5 3/8"	7 951"	6.609"	8 3/64"	6"	
8 Beco	10.3/4"	4 3/4"	2	3"	5"	8 485"	7 237"	8 5/8"	5 3/4"	
0 0000	10 0/4	+ 0/+	2	5	5	0.405	1.201	0 5/0	5 5/4	
10 Data	40.0/4	4.0/4	•	0"	71	40.405"	0.705"		7 5/01	
то весо	12 3/4	4 3/4	2	3	1	10.485"	8.735	10 5/8"	7 5/8	
Notes Concerning the c	hart headings									
Connection	This is the nam	e of the connec	tion.							
OD										
00	This is the stan	dard tool joint d	iameter. This i	s the diamet	er where the	connection is in ba	alance. If the	connection	is on a smaller	
	diameter, the b	ox end will becc	me weaker. I	f the diamete	er is increase	d, the box become	s stronger. If	this diamete	r is significantly	
	larger, there is	danger of pin br	eakage. This	can be reme	edied to a poi	nt by decreasing th	ne ID of the pi	n in order to	maintain	
	connection bala	ance.								
ID	This is the stan	dard internal dia	ameter of the p	in connectio	n.					
TPI	This is the number of threads per inch of length along the taper.									
TOF										
IPF	This is the amo	ount of taper per	foot of length	along the ax	IS.					
LP	-							<i>с</i> ,		
	This is the leng	th of the pin. If	his typically ha	s an 1/8" tole	erance and tr	ne actual length cal	n vary from m	anufacturer	to manufacturer.	
LDP	This is the diam	notor at the hase	a of the nin cou	prection Wh	en a nin con	nection is machine	d there is tyr	vically a relief	f at the base of	
	the nin This m	neter at the base	measure this d	imension S	EF Diagram	DI and DIF		leany a rener		
				intension. e						
SDP										
	This is the diam	neter at the top	of the pin conn	ection. This	is a reference	e number only as	the measured	dimension i	s subject to pin	
	length, which c	an vary. There	is also a bevel	at the top of	f the pin that	is not included in th	ne measurem	ent.		
CBD										
000					ations . This di			/0" tolonomon		
	This is the mea	isurement at the	e opening of the	e box conne	ction. This d	imension typically r	has at least 1	8" tolerance	so it can vary.	
	inis aimension	, along with the	i Pi, is very u	seiul in dete	mining a par	licular connection.				
CBD in 64ths										
	This is the sam	e as above but	all fractions ar	e expressed	as 64ths. Th	his is to help detern	nine the threa	ad by using th	ne counterbore.	
How to use this shart										
How to use this chart.										
First, count the threads	per inch. This is	s easier if you lo	ook at the pin c	onnection. Y	'ou can use a	a ruler and lay it alc	ong the side c	f the pin. Pla	ace ruler at the cen	ter of one



	and a start						Only 5 1/2 1	keg in range	
	Contraction of						confirmed with the 5 tpi		
	and the second second								
					THE CALCERT ALL				
Fraction	Decimal		Fraction	Decimal	Fraction	Decimal		Fraction	Decimal
1/64	0.016		17/64	0.266	33/64	0.516		49/64	0.766
1/32 (2/64)	0.031		9/32 (18/64)	0.281	17/32 (34/64)	0.531		25/32 (50/64)	0.781
3/64	0.047		19/64	0.297	35/64	0.547		51/64	0.797
1/16 (4/64)	0.063		5/16 (20/64)	0.312	9/16 (36/64)	0.562		13/16 (52/64)	0.812
5/64	0.078		21/64	0.328	37/64	0.578		53/64	0.828
3/32 (6/64)	0.094		11/32 (22/64)	0.344	19/32 (38/64)	0.594		27/32 (54/64)	0.844
7/64	0.109		23/64	0.359	39/64	0.609		55/64	0.859
1/8 (8/64)	0.125		3/8 (24/64)	0.375	5/8 (40/64)	0.625		7/8 (56/64)	0.875
9/64	0.141		25/64	0.391	41/64	0.641		57/64	0.89
5/32 (10/64)	0.156		13/32 (26/64)	0.407	21/32 (42/64)	0.656		29/32 (58/64)	0.906
11/64	0.172		27/64	0.422	43/64	0.672		59/64	0.922
3/16 (12/64)	0.188		7/16 (28/64)	0.438	11/16 (44/64)	0.688		15/16 (60/64)	0.937
13/64	0.203		29/64	0.453	45/64	0.703		61/64	0.953
7/32 (14/64)	0.219		15/32 (30/64)	0.469	23/32 (46/64)	0.719		31/32 (62/64)	0.969
15/64	0.234		31/64	0.484	47/64	0.734		63/64	0.984
1/4 (16/64)	0.25		1/2 (32/64)	0.5	3/4 (48/64)	0.75		1 (64/64)	1
· · ·			, , ,		· · · · · · · · · · · · · · · · · · ·			· · · · ·	