

Section	Date	Page	Change(s)
A20	07/18/23	A20: 12, 16, 20, 24,	Incorrect D1 inch dimension for the following:
		28, 36, 40, 44, 48,	• A20: 12 XT(P,K,N)11-11.11 was 0.4375. Should be: 0.4374
		52, 56, 60, 64	• A20: 12 XT(P,K,N)11-11.91 was 0.4688. Should be: 0.4689
			• A20: 16 XT(P,K,N)12-12.30 was 0.4844. Should be: 0.4843
			• A20: 20 XT(P,K,N)13-13.10 was 0.5156. Should be: 0.5157
			• A20: 20 XT(P,K,N)13-13.49 was 0.5313. Should be: 0.5311
			• A20: 24 XT(P,K,N)14-14.29 was 0.5625. Should be: 0.5626
			• A20: 24 XT(P,K,N)14-14.68 was 0.5781. Should be: 0.5780
			• A20: 28 XT(P,K,N)15-15.08 was 0.5938. Should be: 0.5937
			• A20: 28 XT(P,K,N)15-15.88 was 0.6250. Should be: 0.6252
			• A20: 36 XT(P,K,N)17-17.07 was 0.6719. Should be: 0.6720
			• A20: 36 XT(P,K,N)17-17.46 was 0.6875. Should be: 0.6874
			• A20: 40 XT(P,K,N)18-18.26 was 0.7188. Should be: 0.7189
			• A20: 40 XT(P,K,N)18-18.65 was 0.7344. Should be: 0.7343
			• A20: 40 XT(P,K,N)18-19.25 was 0.7580. Should be: 0.7579
			• A20: 40 XT(P,K,N)18-19.45 was 0.7656. Should be: 0.7657
			• A20: 40 XT(P,K,N)18-19.84 was 0.7813. Should be: 0.7811
			• A20: 44 XT(P,K,N)20-20.64 was 0.8125. Should be: 0.8126
			• A20: 44 XT(P,K,N)20-21.43 was 0.8438. Should be: 0.8437
			• A20: 48 XT(P,K,N)22-22.23 was 0.8750. Should be: 0.8752
			• A20: 48 XT(P,K,N)22-22.23 was 0.0730. Should be: 0.0732
			• A20: 48 XT(P,K,N)22-23.81 was 0.9375. Should be: 0.9374
			• A20: 52 XT(P,K,N)24-24.61 was 0.9688. Should be: 0.9689
			• A20: 52 XT(P,K,N)24-25.60 was 1.0080. Should be: 1.0079
			• A20: 56 XT(P,K,N)26-26.20 was 1.0313. Should be: 1.0315
			• A20: 56 XT(P,K,N)26-26.99 was 1.0625. Should be: 1.0626
			• A20: 56 XT(P,K,N)26-27.78 was 1.0938. Should be: 1.0937
			• A20: 56 XT(P,K,N)26-28.17 was 1.1090. Should be: 1.1091
			• A20: 56 XT(P,K,N)26-28.58 was 1.1250. Should be: 1.1252
			• A20: 60 XT(P,K,N)29-30.16 was 1.1875. Should be: 1.1874
			• A20: 60 XT(P,K,N)29-30.96 was 1.1073. Should be: 1.1074 • A20: 60 XT(P,K,N)29-30.96 was 1.2188. Should be: 1.2189
			A 200 (4 VT/DK N) 22 22 EE was 1 2012 Charlet a 1 2015
			• A20: 64 XT(P,K,N)32-32.55 was 1.2813. Should be: 1.2815
			• A20: 64 XT(P,K,N)32-33.34 was 1.3125. Should be: 1.3126
			 A20: 64 XT(P,K,N)32-34.13 was 1.3438. Should be: 1.3437 A20: 64 XT(P,K,N)32-34.93 was 1.3750. Should be: 1.3752
			- ALV. 04 AT(F,N,N/32-34.73 Was 1.37 30. SHOULD DE: 1.37 32



Section	Date	Page	Change(s)
A20	12/05/22	A20: 65	Incorrect 32 series L4, L3, & L1 metric dimensions. • 3xD was: (L4) 150.7, (L3) 154.3, (L1) 210.7. • 3xD should be: (L4) 157.9, (L3) 161.5, (L1) 217.9.
			 5xD was: (L4) 220.7, (L3) 224.3, (L1) 280.7. 5xD should be: (L4) 227.8, (L3) 231.3, (L1) 287.8.
			• 7xD was: (L4) 290.7, (L3) 294.3, (L1) 350.7.
			• 7xD should be: (L4) 297.6, (L3) 301.2, (L1) 357.6.
			 10xD was: (L4) 395.7, (L3) 399.3, (L1) 455.7. 10xD should be: (L4) 402.8, (L3) 406.4, (L1) 459.3.
A25	07/05/22	A25: 59, 61, 63, 65	Incorrect Copper and Brass S/F SFM (M/min). • A25: 59 Brass SFM was: 445. Should be 650. • A25: 59 Copper SFM was: 165. Should be 430. • A25: 61 Copper SFM was: 190. Should be 320. • A25: 63 Brass M/Min was: 135. Should be 200. • A25: 63 Copper M/Min was: 50. Should be 130. • A25: 55 Brass M/Min was: 60. Should be 100.
	05/16/23	A25: 12 - 13, 18 - 21, 30 - 33, 42 - 45, 54 - 57	 Incorrect L7 dimensions for drill holders: Z - Imperial was: 2.03". Should be: 2.030. Z - Metric was: 50 mm. Should be: 50.0 mm. 0 - Imperial was: 2.03". Should be: 2.030. 0 - Metric was: 50 mm. Should be: 50.0 mm. 1 - Imperial no change. 1 - Metric was: 57.9 mm. Should be: 56.0 mm. 2 - Imperial no change. 2 - Metric was: 57.9 mm. Should be: 60.0 mm. 3 - Imperial no change. 3 - Metric was: 68.3 mm. Should be: 70.0 mm.
	05/16/23	A25: Entire section	Incorrect imperial diameter ranges. • Z was: 0.437" - 0.499". Should be: 0.4370" - 0.4999". • 0 was: 0.500" - 0.694". Should be: 0.5000" - 0.6949". • 1 was: 0.695" - 0.959". Should be: 0.6950" - 0.9599". • 2 was: 0.960" - 1.379". Should be: 0.9600" - 1.3799". • 3 was: 1.380" - 1.882". Should be: 1.3800" - 1.8820".
	06/05/23	A25: 18	Incorrect fractional equivalent for item number TAX1-22.62 • Was: 57/34. Should be: 57/64.
	06/05/23	A25: 49	Incorrect D1 inch dimension for TAP3-47.50, TAK3-47.50, TAN3-47.50, TAM3-47.50 • Was: 1.8661. Should be: 1.8701.
	06/05/23	A25: 53	Incorrect D1 inch dimension for TAX3-47.50 • Was: 1.8661. Should be: 1.8701.
	05/01/24	A25: Entire Section	Incorrect imperial diameter ranges. • Z was: 0.4370" - 0.4999". Should be: 0.4369" - 0.4998". • 0 was: 0.5000" - 0.6949". Should be: 0.4999" - 0.6946". • 1 was: 0.6950" - 0.9599". Should be: 0.6947" - 0.9596". • 2 was: 0.9600" - 1.3799". Should be: 0.9597" - 1.3797". • 3 was: 1.3800" - 1.8820". Should be: 1.3798" - 1.8820".



Section	Date	Page	Change(s)
A30	11/11/22	A30: 122 - 123	Incorrect feed rate for last column (imperial S/F only). • Was: 13/32 - 1-7/8". Should be 31/32" - 1-7/8".
	01/20/22	A30: 125	 Incorrect Probable Mean Oversize and Probable Hole Oversize numbers for the last two rows in the table (imperial table only). Was: 0.075 mm & 0.075 mm for the "Mean Oversize" column. Should be: 0.003" & 0.003". Was: 22.30 mm & 24.08 mm for the "Hole Size" column. Should be: 0.8780" & 0.9403".
	06/05/23	A30: 28	Incorrect L1 dimension for 210Z0S-063F & 210Z0S-16FM 210Z0S-63F • L1 Was: 3-3/4". Should be 3-43/64". • L3 Was: 1-31/32". Should be 1-57/64". • L4 Was: 1-7/8". Should be 1-51/64". 210Z0S-16FM • L1 Was: 95.6 mm. Should be 93.6 mm. • L3 Was: 50.0 mm. Should be 48.0 mm. • L4 Was: 47.6 mm. Should be 45.6 mm.
	06/05/23	A30: 31	Incorrect L1 dimension for 220Z0S-075L • <i>L1 Was: 4-13/32". Should be 4-14/32".</i>
	06/05/23	A30: 40	Incorrect L3 dimension for 22000S-002I • <i>L3 Was:</i> 3-41/64". Should be 3-15/32".
	06/05/23	A30: 54	Incorrect L3 dimension for 24010S-004I • <i>L3 Was: 9-39/64". Should be 9-43/64".</i>
	06/05/23	A30: 68	Incorrect L4 dimension for 25020S-125F & 25025S-125F • L4 Was: 13-1-16". Should be 13-1/16". • L4 Was: 13-1-16". Should be 13-1/16".
	06/05/23	A30: 68	Incorrect L2 dimension for 21025S-125F & 21025S-32FM • L2 Was: 2-1/4". Should be 3-3/8". • L2 Was: 57.2 mm. Should be 85.7 mm.
	06/05/23	A30: 70	Incorrect L1 dimension for 22020S-004M & 22025S-004M • L1 Was: 232.5 mm. Should be 273.8 mm. • L1 Was: 232.5 mm. Should be 281.0 mm.
	06/05/23	A30: 70	Incorrect L4 dimension for 22020S-004M & 22025S-004M • L4 Was: 98.4 mm. Should be 114.3 mm. • L4 Was: 98.4 mm. Should be 114.3 mm.
	06/05/23	A30: 70	Incorrect L2 dimension for 22020S-004M & 22025S-004M • L2 Was: 69.8 mm. Should be 92.1 mm. • L2 Was: 69.8 mm. Should be 92.1 mm.
	06/05/23	A30: 71	Incorrect L1 dimension for 24025H-004I • L1 Was: 15-1/6". Should be 15-1/16".
	06/05/23	A30: 82	Incorrect L1 dimension for 21030S-150F • <i>L1 Was: 7-39-64". Should be 7-39/64".</i>
	06/05/23	A30: 84	Incorrect L4 dimension for 27030S-004I • <i>L4 Was: 22-1/4". Should be 23-1/4".</i>
	06/05/23	A30: 85	Incorrect L4 dimension for 25030S-125L, 27030S-150L, & 29030S-150L • L4 25030S-125L Was: 15-3/16". Should be 15". • L4 27030S-150L Was: 23-7/16". Should be 23-1/4". • L4 29030S-150L Was: 32-7/16". Should be 32-1/4".



Section	Date	Page	Change(s)			
A30	06/05/23	A30: 90	Incorrect L4 dimension for 22040S-150F • <i>L4 Was: 7-1/6". Should be 7-1/16".</i>			
	07/07/23	A30: 70	Incorrect P2 dimension for 22025S-004M • L4 Was: 1/8. Should be 1/4.			
	11/02/23	A30: 6	Changed "Notch Point® Cast Iron" to "Cast Iron Notch Point®"			
	11/02/23	A30: 6 Updated the table to match the image below:				
			Gen2 T-A T-A Available Geometry HSS/Carbide HSS HSS Carbide Y-2 3-4 5-8 Y-2 3 4 5-8 Y-2 3			
	1	1				
	1	1				
			CI Cast Iron X X X X X X X			
			CN Cast Iron Notch Point® X X X X X			
			CP Cam Point X X X			
			CR Corner Radius X			
			FB Flat Bottom X X X X			
			FN Flat Bottom (No chip splitters) X X X X			
			HE High Efficiency X X			
			HI High Impact X X X X X X X X X			
			HR High Rake X <thx< td=""></thx<>			
			IN High Impact Notch Point® X X X X X			
			NC No Chip Splitters X			
			NP Notch Point [®] X X X X X X			
			RN High Rake Notch Point® X X X X X			
			SK SK2 Corner Clip X			
			SP 90° Spot & Chamfer X X			
			SW 90° Spot & Chamfer (With chip splitters) X X			
			SS Structrual Steel (150°) X X X			
			TC Tiny Chip X <thx< td=""></thx<>			
			TW Thin Wall X X			
			WC No Corner Clips X			
	11/02/23	A30: 11	Added "ER = ER Collet" to box #6 on the nomenclature page			
	11/02/23	A30: 77	Added CN, IN, NP, and RN to footer			
	11/02/23	A30 80-81	Removed AN from Footer			
	11/02/23	A30: 94-95	Removed CI from footer			
	11/02/23	A30: 125	In the formula box for #4 & #5: "bar" should be"kPa"			
	11/15/23	A30: 29, 39, 69	Standard Plus holder item numbers needed deep hole drilling warning			



Section	Date	Page	Change(s)
A40	09/20/23	A40: 13, 17, 21, 25, 29, 33	Incorrect length for the following item numbers: • A40: 13 #22821-0050 Was: short. Should be standard. • A40: 17 #22831-0050 Was: short. Should be standard. • A40: 21 #22841-0050 Was: short. Should be standard. • A40: 25 #22851-0050 Was: short. Should be standard. • A40: 29 #22861-0050 Was: short. Should be standard. • A40: 33 #22880-0050 Was: short. Should be standard.
	04/01/24	A40: 3, 5, 13, 17, 21, 25, 29, 33	Removed HP/Universal NMTB50 shanks (product now obsolete).
A50	09/08/22	A50: 10	Incorrect metric dimension for IC insert size 1/2". • Was: 9.53. Should be 12.70.
	01/06/24	A50:10, 12, 14	Incorrect pilot screws listed for the following item numbers: A 50: 10 #V4401D-44 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0124 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0125 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0125 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0126 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0127 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0127 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0128 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0128 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 10 #V4401D-0128 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 12 #V5101D-54 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 12 #V5101D-0205 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 12 #V5101D-0206 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 12 #V5101D-0208 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0208 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0210 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0210 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0210 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0211 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0211 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0212 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0212 Was: 7375-IP9-1. Should be 739-IP9-1. A 50: 14 #V5701D-0212 Was: 7375-IP9-1. Should be 739-IP9-1.
A55	09/20/23	A55: 27	Last two item numbers in the table needed to be swapped.
A60	09/08/22	A60: 28	Incorrect heading for material constants dimension. • Was: kPa (Ibs/in²). Should be Km (Ibs/in²).
	09/08/22	A60: 29	Incorrect heading for material constants dimension. • Was: kPa (Ibs/in²). Should be Km (kPa).
A70	09/08/22	A70: 17	Incorrect heading for material constants dimension. • Was: kPa (Ibs/in²). Should be Km (Ibs/in²).
	09/08/22	A70: 19	Incorrect heading for material constants dimension. • Was: kPa (Ibs/in²). Should be Km (kPa).
	12/01/23	A70:	Incorrect shank size in Nomenclature table box #3. • Was: SS2.5= 2-1/2 Ø. Should be SS2.0= 2 Ø.



Section	Date	Page	Change(s)
A91	07/18/23	A91: 8, 9, 11, 13, 14, 16, 17, 18	Incorrect D1 inch dimension for the following: • A91: 8 XTST14-14.29 was 0.5625. Should be: 0.5626 • A91: 9 XTST15-15.88 was 0.6250. Should be: 0.6252 • A91: 11 XTST17-17.46 was 0.6875. Should be: 0.6874 • A91: 13 XTST20-20.64 was 0.8125. Should be: 0.8126 • A91: 13 XTST20-21.82 was 0.8594. Should be: 0.8591 • A91: 14 XTST22-22.23 was 0.8750. Should be: 0.8752 • A91: 14 XTST22-23.81 was 0.9375. Should be: 0.9374 • A91: 16 XTST26-26.99 was 1.0625. Should be: 1.0626 • A91: 16 XTST26-28.58 was 1.1250. Should be: 1.1252 • A91: 17 XTST29-30.16 was 1.1875. Should be: 1.1874 • A91: 18 XTST32-33.34 was 1.3125. Should be: 1.3126 • A91: 18 XTST32-34.93 was 1.3750. Should be: 1.3752
A92	9/08/22	A92: 36	Incorrect grades listed in grade column. • Was: K35, P40, K20, & K10. Should be C1, C5, C2, & C3.
	01/20/23	A92: 7, 9, 11	Incorrect Insert screw item number for inserts J1926-08 • Was: 72556-IP9-1. Should be 7375-IP9-1.
С	12/30/22	C: 11, 21, 29	Rename title of box 1. on the product nomenclature pages. • Was: C: 11 - "Shank Measure", "Blank = Metric" "I = Inch" C: 21 - "Units of Measure", "Blank = Metric diameter" "I = Inch diameter" (C: 29 - "Cutting Ring", "Blank = Metric diameter" "I = inch diameter" • Should be: "Diameter Unit of Measure" with the options of "Blank = metric diameter (mm)" and "I = imperial diameter (in)"
	12/30/22	C: 29	Removed the dash between the "I" box and "2ANC-ST" box. Dash is not needed in item number.
	03/08/23	C: 30-31	Incorrect callout for Alcrona column. • Was: "2TLK-KK" & "2ALK-SK". Should be: Should be: "2TLK-KT" & "2ALK-ST".
	03/30/23	C: 46	Incorrect D3 dimension for 4355-MC-040 • <i>Was: 203. Should be: 20.3</i>
С	11/02/23	C: 12	 Changed the example item number on the bottom of the page from 7400-KNF-50000 to 17400-KNG-2000 Added note under the "I" in the example item number to state "Imperial Diameter" Changed the "F" lead in note to "G lead in" (in the bullet point and under the example item number) Changed the diameter bullet point from 1.9686" to 2.0000" Added a bullet point under the diameter "H7 tolerance +0/ +0.0012" for 2.0000" diameter)
	11/02/23	C: 13	 Removed the "H7" tolerance text from box #5 Changed the example item number from 7400-KNF-5000 to 7400-KNG-5000 Changed the lead in note in both the bullet point and under the example item number from "F" to "G" Changed 1.9686" diameter to 50.000 mm diameter in last bullet point
	11/02/23	C: 20	Updated the work day lead time: • Was: 20 - 25 days. Now: 15-25 days (quantity dependent).



Section	Date	Page	Change(s)
С	04/01/24	Entire Section	Added Hardcut, R Coating, and T Coating options to catalog.
	04/02/24	C: 50	Added in missing D3 column. Dimensions listed by item number below: • 4305-MC-010 is 11.2 • 4305-MC-020 is 11.2 • 4305-MC-030 is 15.1 • 4305-MC-040 is 20.3 • 4305-MC-040 is 20.3 • 4305-MC-045 is 20.3 • 4305-MC-050 is 24.1 • 4305-MC-060 is 27.9 • 4305-MC-070 is 27.9 • 4305-MC-075 is 27.9 • 4305-MC-080 is 37.1 • 4305-MC-085 is 37.1 • 4305-MC-100 is 53.1 • 4305-MC-110 is 53.1
E	12/05/22	E: 39, 41, 49	 Incorrect drawings listed under UNJ & BSPP thread forms. Switched to the correct drawings. (UNJ was showing UN drawing & BSPP was showing BSPT drawing.
	1/05/24	E: 47	Remove TN150K-UN24E from catalog. This item does not exist.
X	06/19/23	X: 19	Incorrect sub-heading for first row, third tool in • Was: GEN3SYS® XT Back Chamfer Insert with i-Form inserts. Shuld be: GEN3SYS® XT Back Chamfer Insert with ISO inserts