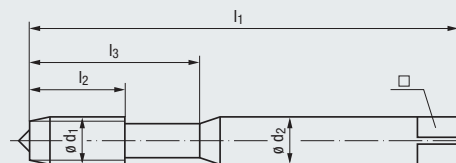


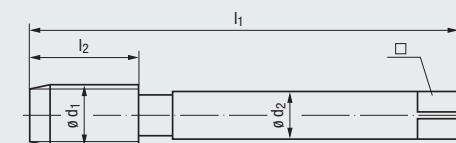
- Product Finder
- V_c
- UNC
- UNF
- UNEF
- UN-8
- M
- MF
- NPSM/NPSC
- NPSF
- Rp (BSPP)
- G
- NPT
- NPTF
- Rc (BSPT)
- STI
- SELF-LOCK
- Accessories
- Tech. Info

DIN Length • ANSI Shank

Overall length acc. to DIN 371, DIN 376



Reinforced Shank
(No.1 - 3/8)



Reduced Shank
(7/16 - 2)



UNC
Unified Coarse Thread
ASME B1.1

Class of Fit
Coating
Cutting Material
Technical Characteristics



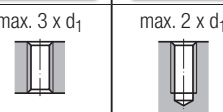
Thread Depth
and Hole Shape

Applications – Material

NI
Nickel
Alloys



3BX
TICN
HSSE-PM
L08
D / 4-5
O / P

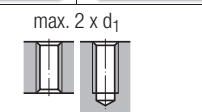


M 4.1
N 2.8
S 1.2-3
S 2.3, 2.5-6

H
Materials of High
Tensile Strength



2BX
NT
HSS Extra
C / 2-3
E / O / P



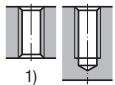
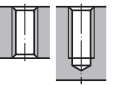
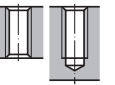
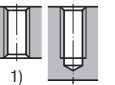
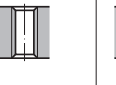
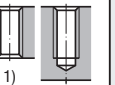
P 1.1-3.1
K 1.1-4.2
N 2.4-7
N 4.1, 5.1

Reinforced Shank

Reinforced Shank							Tool Identification		BU30J411		BU35J411			BU100501		BU109101	
								Dimens. ID	Rekord 1C-NI-PM TICN	Flutes	Rekord 1DF-NI-PM TICN	Flutes		Rekord 1A-H NT	Flutes	Rekord 1A-H TICN	Flutes
Nominal Size ø d ₁	T.P.I.	l ₁	l ₂	inch l ₃	ø d ₂	□											
No. 1	64	1.772	0.276	0.472	0.141	0.110	0.0595	.5000						●	2		
No. 2	56	1.772	0.276	0.472	0.141	0.110	0.0700	.5001						●	3	●	3
No. 3	48	1.969	0.354	0.551	0.141	0.110	0.0820	.5002						●	3		
No. 4	40	2.205	0.433	0.709	0.141	0.110	0.0890	.5003	●	2	●	2	●	3	●	3	
No. 5	40	2.205	0.433	0.709	0.141	0.110	0.1015	.5004	●	2	●	2	●	3			
No. 6	32	2.205	0.472	0.787	0.141	0.110	0.1110	.5005	●	3	●	3	●	3	●	3	
No. 8	32	2.480	0.512	0.827	0.168	0.131	0.1360	.5006	●	3	●	3	●	3	●	3	
No. 10	24	2.756	0.591	0.984	0.194	0.152	0.1520	.5007	●	3	●	3	●	3	●	3	
No. 12	24	3.150	0.630	1.142	0.220	0.165	0.1770	.5008						●	3		
1/4	20	3.150	0.669	1.181	0.255	0.191	0.2040 ²⁾	.5009	●	3	●	3	●	3	●	3	
5/16	18	3.543	0.787	1.378	0.318	0.238	0.2610 ²⁾	.5010	●	3	●	3	●	3	●	3	
3/8	16	3.937	0.866	1.535	0.381	0.286	0.3160 ²⁾	.5011	●	3	●	3	●	3	●	3	

Reduced Shank

Reduced Shank							Tool Identification		CU30J411		CU35J411			CU100501		CU109101	
								Dimens. ID	Rekord 2C-NI-PM TICN	Flutes	Rekord 2DF-NI-PM TICN	Flutes		Rekord 2A-H NT	Flutes	Rekord 2A-H TICN	Flutes
Nominal Size ø d ₁	T.P.I.	l ₁	l ₂	inch l ₃	ø d ₂	□											
7/16	14	3.937	0.866	—	0.323	0.242	0.3680 ²⁾	.5012	●	3	●	3		●	3	●	3
1/2	13	4.331	0.984	—	0.367	0.275	0.4219 ²⁾	.5013	●	3	●	3		●	3	●	3
9/16	12	4.331	1.024	—	0.429	0.322	0.4844	.5014	●	3	●	3		●	3	●	3
5/8	11	4.331	1.063	—	0.480	0.360	0.5313	.5015	●	3	●	3		●	3	●	3
3/4	10	4.921	1.181	—	0.590	0.442	0.6563	.5016	●	3	●	3		●	4	●	4
7/8	9	5.512	1.260	—	0.697	0.523	0.7656	.5017						●	4	●	4
1	8	6.299	1.417	—	0.800	0.600	0.8750	.5018						●	4	●	4
1 1/8	7	7.087	1.575	—	0.896	0.672	0.9843	.5019									
1 1/4	7	7.087	1.575	—	1.021	0.766	1.1094	.5020									
1 3/8	6	7.874	1.969	—	1.108	0.831	1.2205	.5021									
1 1/2	6	7.874	1.969	—	1.233	0.925	1.3386	.5022									
1 3/4	5	8.661	2.283	—	1.430	1.072	1.5551	.5023									
2	4 1/2	9.843	2.559	—	1.644	1.233	1.7812	.5024									

H Materials of High Tensile Strength		HCUT Hardened Steels		Z CNC-Controlled Machines										
														
2BX TICN HSS Extra		2BX TICN HSSE-PM		2BX TICN HSS Extra		2BX TICN HSS Extra		2BX TICN HSS Extra		2BX TICN HSS Extra		Class of Fit Coating Cutting Material Technical Characteristics		
C / 2-3 E / O		C / 2-3 O / P		C / 2-3 E / O / P		C / 2-3 E / O		C / 2-3 E / O		E / 1.5-2 E / O				
max. 2 x d ₁ 		max. 1.5 x d ₁ 		max. 2 x d ₁ 		max. 2 x d ₁ 		max. 2 x d ₁ 		max. 2 x d ₁ 		Thread Depth and Hole Shape		
P 1.1-4.1 K 1.1-4.2 N 2.4-7 N 4.1, 5.1		H 1.1-2		P 1.1-4.1 K 1.1-4.2 N 1.4-6, 2.4-7 N 4.1		P 1.1-4.1 K 1.1-4.2 N 1.4-6, 2.4-7 N 4.1		P 1.1-4.1 K 1.1-4.2 N 1.4-6, 2.4-7 N 4.1		P 1.1-4.1 K 1.1-4.2 N 1.4-6, 2.4-7 N 4.1		Applications – Material		
BU959101		BU10J901		BU109401		BU959401		BU219401		BU969401		Tool Identification		
Rekord 1A-H-IKZ TICN	Flutes	Rekord 1A-HCUT-PM TICN	Flutes	Rekord 1A-Z TICN	Flutes	Rekord 1A-Z-IKZ TICN	Flutes	Rekord 1A-Z-IKZN TICN	Flutes	Rekord 1A-Z/E-IKZ TICN	Flutes	Dimens. ID	Nominal Size ø d ₁	T.P.I.
												.5000	No. 1	64
												.5001	No. 2	56
												.5002	No. 3	48
				●	3							.5003	No. 4	40
				●	3							.5004	No. 5	40
				●	3							.5005	No. 6	32
				●	3							.5006	No. 8	32
●	3			●	3	●	3	●	3	●	3	.5007	No. 10	24
												.5008	No. 12	24
●	3	●	4	●	3	●	3	●	3	●	3	.5009	1/4	20
●	3	●	5	●	3	●	3	●	3	●	3	.5010	5/16	18
●	3	●	5	●	3	●	3	●	3	●	3	.5011	3/8	16
CU959101		CU10J901		CU109401		CU959401		CU219401		CU969401		Tool Identification		
Rekord 2A-H-IKZ TICN	Flutes	Rekord 2A-HCUT-PM TICN	Flutes	Rekord 2A-Z TICN	Flutes	Rekord 2A-Z-IKZ TICN	Flutes	Rekord 2A-Z-IKZN TICN	Flutes	Rekord 2A-Z/E-IKZ TICN	Flutes	Dimens. ID	Nominal Size ø d ₁	T.P.I.
●	3	●	5	●	3	●	3	●	3	●	3	.5012	7/16	14
●	3	●	5	●	3	●	3	●	3	●	3	.5013	1/2	13
●	3			●	3	●	3	●	3	●	3	.5014	9/16	12
●	3			●	3	●	3	●	3	●	3	.5015	5/8	11
●	4			●	4	●	4	●	4	●	4	.5016	3/4	10
●	4			●	4	●	4	●	4	●	4	.5017	7/8	9
●	4			●	4	●	4	●	4	●	4	.5018	1	8
												.5019	1 1/8	7
												.5020	1 1/4	7
												.5021	1 3/8	6
												.5022	1 1/2	6
												.5023	1 3/4	5
												.5024	2	4 1/2

● = In stock
★ = Allow 7 days for delivery

1) Threading in through holes is possible only with external cooling/lubrication
2) Increase drill diameter for taps Rekord 1/2A-HCUT-PM-TICN by 0.004 in

