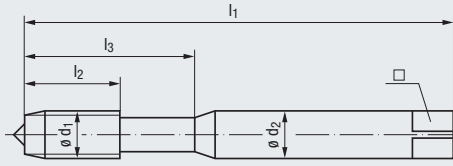


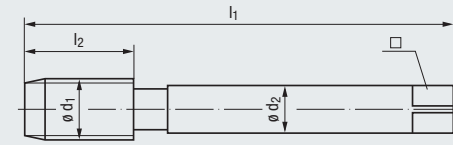
- Product Finder
- V<sub>c</sub>
- UNC
- UNF
- UNEF
- UN-8
- M
- MF
- NPSM/NPSC
- NPSF
- Rp (BSPP)
- G
- NPT
- NPTF
- Rc (BSPT)
- STI
- SELF-LOCK
- Accessories
- Tech. Info

### DIN Length - ANSI Shank

Overall length acc. to DIN 371, DIN 374



Reinforced Shank  
(No.0 - 3/8)



Reduced Shank  
(7/16 - 1 1/2)

NI  
Nickel  
Alloys



H  
Materials of High  
Tensile Strength



**UNF**  
Unified Fine Thread  
ASME B1.1

Class of Fit  
Coating  
Cutting Material  
Technical Characteristics



Thread Depth  
and Hole Shape

Applications - Material

<b>3BX</b>	<b>3BX</b>	<b>2BX</b>	<b>2BX</b>
TICN	TICN	NT	TICN
<b>HSSE-PM</b>	<b>HSSE-PM</b>	HSS Extra	HSS Extra
L08	R10	C / 2-3	C / 2-3
D / 4-5	C / 2-3	E / O / P	E / O / P
O / P	O / P		

max. 3 x d <sub>1</sub>	max. 2 x d <sub>1</sub>	max. 2 x d <sub>1</sub>	








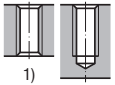
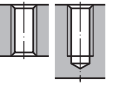
<b>M 4.1</b>	<b>M 4.1</b>	<b>P 1.1-3.1</b>	<b>P 1.1-4.1</b>
<b>N 2.8</b>	<b>N 2.8</b>	<b>K 1.1-4.2</b>	<b>K 1.1-4.2</b>
<b>S 1.2-3</b>	<b>S 1.2-3</b>	<b>N 2.4-7</b>	<b>N 2.4-7</b>
<b>S 2.3, 2.5-6</b>	<b>S 2.3, 2.5-6</b>	<b>N 4.1, 5.1</b>	<b>N 4.1, 5.1</b>

### Reinforced Shank

Nominal Size ø d <sub>1</sub>	T.P.I.	l <sub>1</sub>	l <sub>2</sub>	inch		ø d <sub>2</sub>	□	Tool Identification	BU30J411		BU35J411		BU100501		BU109101	
				Rekord 1C-NI-PM TICN	Flutes				Rekord 1DF-NI-PM TICN	Flutes	Rekord 1A-H NT	Flutes	Rekord 1A-H TICN	Flutes		
No. 0	80	1.626	0.236	0.433	0.141	0.110	0.0480	<b>.5033</b>					●	2	●	2
No. 1	72	1.772	0.276	0.472	0.141	0.110	0.0595	<b>.5034</b>					●	2	●	2
No. 2	64	1.772	0.276	0.472	0.141	0.110	0.0730	<b>.5035</b>					●	3	●	3
No. 3	56	1.969	0.354	0.551	0.141	0.110	0.0827	<b>.5036</b>					●	3	●	3
No. 4	48	2.205	0.433	0.709	0.141	0.110	0.0945	<b>.5037</b>					●	3	●	3
No. 5	44	2.205	0.433	0.709	0.141	0.110	0.1063	<b>.5038</b>					●	3	●	3
No. 6	40	2.205	0.472	0.787	0.141	0.110	0.1181	<b>.5039</b>					●	3	●	3
No. 8	36	2.480	0.512	0.827	0.168	0.131	0.1378	<b>.5040</b>					●	3	●	3
No. 10	32	2.756	0.512	0.984	0.194	0.152	0.1614	<b>.5041</b>	●	3	●	3	●	3	●	3
No. 12	28	3.150	0.630	1.142	0.220	0.165	0.1820	<b>.5042</b>	●	3	●	3	●	3	●	3
1/4	28	3.150	0.669	1.181	0.255	0.191	0.2165 <sup>2)</sup>	<b>.5043</b>	●	3	●	3	●	3	●	3
5/16	24	3.543	0.669	1.260	0.318	0.238	0.2717 <sup>2)</sup>	<b>.5044</b>	●	3	●	3	●	3	●	3
3/8	24	3.937	0.709	1.535	0.381	0.286	0.3346 <sup>2)</sup>	<b>.5045</b>	●	3	●	3	●	4	●	4

### Reduced Shank

Nominal Size ø d <sub>1</sub>	T.P.I.	l <sub>1</sub>	l <sub>2</sub>	inch		ø d <sub>2</sub>	□	Tool Identification	CU30J411		CU35J411		CU100501		CU109101	
				Rekord 2C-NI-PM TICN	Flutes				Rekord 2DF-NI-PM TICN	Flutes	Rekord 2A-H NT	Flutes	Rekord 2A-H TICN	Flutes		
7/16	20	3.937	0.866	—	0.323	0.242	0.3898 <sup>2)</sup>	<b>.5046</b>	●	3	●	3	●	4	●	4
1/2	20	3.937	0.866	—	0.367	0.275	0.4528 <sup>2)</sup>	<b>.5047</b>	●	3	●	3	●	4	●	4
9/16	18	3.937	0.866	—	0.429	0.322	0.5118	<b>.5048</b>	●	3	●	3	●	4	●	4
5/8	18	3.937	0.866	—	0.480	0.360	0.5709	<b>.5049</b>	●	3	●	3	●	4	●	4
3/4	16	4.331	0.984	—	0.590	0.442	0.6890	<b>.5050</b>	●	4	●	4	●	4	●	4
7/8	14	4.921	1.024	—	0.697	0.523	0.8071	<b>.5051</b>					●	4	●	4
1	12	5.512	1.102	—	0.800	0.600	0.9219	<b>.5052</b>					●	4	●	4
1 1/8	12	5.906	1.181	—	0.896	0.672	1.0433	<b>.5053</b>								
1 1/4	12	5.906	1.181	—	1.021	0.766	1.1719	<b>.5054</b>								
1 3/8	12	6.693	1.299	—	1.108	0.831	1.2992	<b>.5055</b>								
1 1/2	12	6.693	1.299	—	1.233	0.925	1.4173	<b>.5056</b>								

H Materials of High Tensile Strength		HCUT Hardened Steels		Z CNC-Controlled Machines						
										
2BX		2BX		2BX	2BX	2BX	2BX	Class of Fit		
TICN		TICN		TICN	TICN	TICN	TICN	Coating		
HSS Extra		<b>HSSE-PM</b>		HSS Extra	HSS Extra	HSS Extra	HSS Extra	Cutting Material		
C / 2-3		C / 2-3		C / 2-3	C / 2-3	C / 2-3	<b>E / 1.5-2</b>	Technical Characteristics		
E / O		O / P		E / O / P	E / O	E / O	E / O			
max. 2 x d <sub>1</sub>		max. 1.5 x d <sub>1</sub>		max. 2 x d <sub>1</sub>	max. 2 x d <sub>1</sub>	max. 2 x d <sub>1</sub>	max. 2 x d <sub>1</sub>	Thread Depth and Hole Shape		
P 1.1-4.1		H 1.1-2		P 1.1-4.1	P 1.1-4.1	P 1.1-4.1	P 1.1-4.1	Applications – Material		
K 1.1-4.2				K 1.1-4.2	K 1.1-4.2	K 1.1-4.2	K 1.1-4.2			
N 2.4-7				N 1.4-6, 2.4-7	N 1.4-6, 2.4-7	N 1.4-6, 2.4-7	N 1.4-6, 2.4-7			
N 4.1, 5.1				N 4.1	N 4.1	N 4.1	N 4.1			
<b>BU959101</b>		<b>BU10J901</b>		<b>BU109401</b>	<b>BU959401</b>	<b>BU219401</b>	<b>BU969401</b>	<b>Tool Identification</b>		
<b>Rekord 1A-H-IKZ TICN</b>	Flutes	<b>Rekord 1A-HCUT-PM TICN</b>	Flutes	<b>Rekord 1A-Z TICN</b>	<b>Rekord 1A-Z-IKZ TICN</b>	<b>Rekord 1A-Z-IKZN TICN</b>	<b>Rekord 1A-Z/E-IKZ TICN</b>	Dimens. ID	Nominal Size ø d <sub>1</sub>	T.P.I.
●	3	●	4	●	●	●	●	.5033	No. 0	80
								.5034	No. 1	72
								.5035	No. 2	64
								.5036	No. 3	56
								.5037	No. 4	48
								.5038	No. 5	44
								.5039	No. 6	40
●	3			●	●	●	●	.5040	No. 8	36
								.5041	No. 10	32
●	3	●	5	●	●	●	●	.5042	No. 12	28
●	3	●	5	●	●	●	●	.5043	1/4	28
●	4	●	5	●	●	●	●	.5044	5/16	24
				●	●	●	●	.5045	3/8	24
<b>CU959101</b>		<b>CU10J901</b>		<b>CU109401</b>	<b>CU959401</b>	<b>CU219401</b>	<b>CU969401</b>	<b>Tool Identification</b>		
<b>Rekord 2A-H-IKZ TICN</b>	Flutes	<b>Rekord 2A-HCUT-PM TICN</b>	Flutes	<b>Rekord 2A-Z TICN</b>	<b>Rekord 2A-Z-IKZ TICN</b>	<b>Rekord 2A-Z-IKZN TICN</b>	<b>Rekord 2A-Z/E-IKZ TICN</b>	Dimens. ID	Nominal Size ø d <sub>1</sub>	T.P.I.
●	4	●	5	●	●	●	●	.5046	7/16	20
●	4	●	5	●	●	●	●	.5047	1/2	20
●	4			●	●	●	●	.5048	9/16	18
●	4			●	●	●	●	.5049	5/8	18
●	4			●	●	●	●	.5050	3/4	16
●	4							.5051	7/8	14
●	4							.5052	1	12
								.5053	1 1/8	12
								.5054	1 1/4	12
								.5055	1 3/8	12
								.5056	1 1/2	12

● = 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

Product Finder

- V<sub>c</sub>
- UNC
- UNF
- UNEF
- UN-8
- MF
- NPSM/NPSC
- NPSF
- Rp (BSPP)
- G
- NPT
- NPTF
- Rc (BSPT)
- STI
- SELF-LOCK
- Accessories
- Tech. Info

