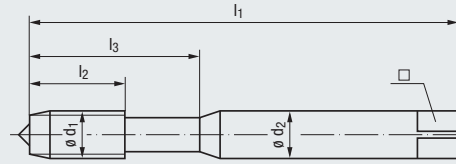


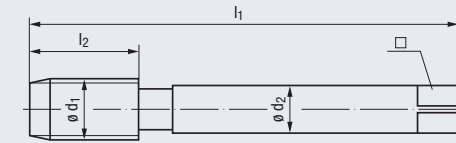
- Product Finder
- V_c
- UNC
- UNF
- UNEF
- UN-8
- M
- MF
- NPSM/NPSC
- NPSF
- Rp (BSPP)
- G
- NPT
- NPTF
- Rc (BSPT)
- STI
- SELF-LOCK
- Accessories
- Tech. Info

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

Z
CNC-Controlled
Machines



2B	2B	2B	2B	3B
TICN	GLT-1	TICN	GLT-1	GLT-1
HSS Extra	HSS Extra	HSS Extra	HSS Extra	HSS Extra
R45	R45	R45	R45	R45
E / 1.5-2	E / 1.5-2	E / 1.5-2	E / 1.5-2	E / 1.5-2
E / O / P	E / O / P	E / O	E / O	E / O / P

max. 3 x d₁



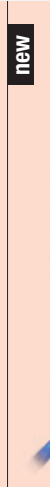
P 1.1-4.1	P 1.1-4.1	P 1.1-4.1	P 1.1-4.1	P 1.1-4.1
M 1.1-3.1	M 1.1-3.1	M 1.1-3.1	M 1.1-3.1	M 1.1-3.1
N 1.4-6	N 1.4-6	N 1.4-6	N 1.4-6	N 1.4-6
N 2.1-2, 2.4-5	N 2.1-2, 2.4-5	N 2.1-2, 2.4-5	N 2.1-2, 2.4-5	N 2.1-2, 2.4-5
S 1.1	S 1.1	S 1.1	S 1.1	S 1.1

Reinforced Shank

							Tool Identification		BU519400		BU51C400		BU999400		BU99C400		BU51C410	
Nominal Size ø d ₁	T.P.I.	l ₁	l ₂	inch l ₃	ø d ₂	□		Dimens. ID	Enorm 1-Z/E TICN	Flutes	Enorm 1-Z/E GLT-1	Flutes	Enorm 1-Z/E-IKZ TICN	Flutes	Enorm 1-Z/E-IKZ GLT-1	Flutes	Enorm 1-Z/E GLT-1	Flutes
No. 1	64	1.772	0.157	0.472	0.141	0.110		0.0595 .5000										
No. 2	56	1.772	0.177	0.472	0.141	0.110		0.0700 .5001										
No. 3	48	1.969	0.197	0.551	0.141	0.110		0.0820 .5002										
No. 4	40	2.205	0.236	0.709	0.141	0.110		0.0890 .5003	●	2	●	2					●	2
No. 5	40	2.205	0.276	0.709	0.141	0.110		0.1015 .5004	●	3	●	3					●	3
No. 6	32	2.205	0.276	0.787	0.141	0.110		0.1110 .5005	●	3	●	3					●	3
No. 8	32	2.480	0.315	0.827	0.168	0.131		0.1360 .5006	●	3	●	3					●	3
No.10	24	2.756	0.394	0.984	0.194	0.152		0.1520 .5007	●	3	●	3	●	3	●	3	●	3
No.12	24	3.150	0.394	1.142	0.220	0.165		0.1770 .5008										
1/4	20	3.150	0.512	1.181	0.255	0.191		0.2040 .5009	●	3	●	3	●	3	●	3	●	3
5/16	18	3.543	0.551	1.378	0.318	0.238		0.2610 .5010	●	3	●	3	●	3	●	3	●	3
3/8	16	3.937	0.630	1.535	0.381	0.286		0.3160 .5011	●	3	●	3	●	3	●	3	●	3

Reduced Shank

							Tool Identification		CU519400		CU51C400		CU999400		CU99C400		CU51C410	
Nominal Size ø d ₁	T.P.I.	l ₁	l ₂	inch l ₃	ø d ₂	□		Dimens. ID	Enorm 2-Z/E TICN	Flutes	Enorm 2-Z/E GLT-1	Flutes	Enorm 2-Z/E-IKZ TICN	Flutes	Enorm 2-Z/E-IKZ GLT-1	Flutes	Enorm 2-Z/E GLT-1	Flutes
7/16	14	3.937	0.709	—	0.323	0.242		0.3680 .5012	●	4	●	4	●	4	●	4	●	4
1/2	13	4.331	0.787	—	0.367	0.275		0.4219 .5013	●	4	●	4	●	4	●	4	●	4
9/16	12	4.331	0.787	—	0.429	0.322		0.4844 .5014	●	4	●	4	●	4	●	4	●	4
5/8	11	4.331	0.866	—	0.480	0.360		0.5313 .5015	●	4	●	4	●	4	●	4	●	4
3/4	10	4.921	0.984	—	0.590	0.442		0.6563 .5016	●	4	●	4	●	4	●	4	●	4
7/8	9	5.512	1.063	—	0.697	0.523		0.7656 .5017	●	5	●	5	●	5	●	5	●	5
1	8	6.299	1.181	—	0.800	0.600		0.8750 .5018	●	5	●	5	●	5	●	5	●	5
1 1/8	7	7.087	1.378	—	0.896	0.672		0.9843 .5019										
1 1/4	7	7.087	1.378	—	1.021	0.766		1.1094 .5020										
1 3/8	6	7.874	1.575	—	1.108	0.831		1.2205 .5021										
1 1/2	6	7.874	1.575	—	1.233	0.925		1.3386 .5022										
1 3/4	5	8.661	1.772	—	1.430	1.072		1.5551 .5023										
2	4 1/2	9.843	1.969	—	1.644	1.233		1.7812 .5024										

Z CNC-Controlled Machines		SPEED High-Speed Cutting									
											
3B		2BX	2BX	2BX	2BX	2BX	2BX	Class of Fit			
GLT-1		TICN	TICN	TICN	TIN-70	TIN-70	TIN	Coating			
HSS Extra		HSS Extra	HSS Extra	HSS Extra	HSSE-PM	HSSE-PM	HSS Extra	Cutting Material			
R45							R15	Technical Characteristics			
E / 1.5-2		C / 2-3	C / 2-3	E / 1.5-2	B / 4-5	B / 4-5	C / 2-3				
E / 0		E	E	E	E	E	E				
max. 3 x d ₁		max. 2 x d ₁	max. 2 x d ₁	max. 2 x d ₁	max. 3 x d ₁		max. 2 x d ₁	Thread Depth and Hole Shape			
								Applications – Material			
P 1.1-4.1		K 1.1-4.2	K 1.1-4.2	K 1.1-4.2	P 1.1-4.1	P 1.1-4.1	P 1.1-4.1				
M 1.1-3.1		N 1.4-6	N 1.4-6	N 1.4-6	K 2.1-2	K 2.1-2	M 1.1-3.1				
N 1.4-6					N 1.4-6	N 1.4-6	K 2.1-2				
N 2.1-2, 2.4-5							N 1.4-2.1				
S 1.1											
BU99C410		BW159401	BW179401	BW169401	BW138F01	BW208F01	BU263701	Tool Identification			
Enorm 1-Z/E-IKZ GLT-1	Flutes	Rekord 1A-SPEED IKZ-TICN	Rekord 1A-SPEED IKZN-TICN	Rekord 1A-SPEED/E IKZ-TICN	Rekord 1B-Z-SPEED PM-TIN-70	Rekord 1B-Z-SPEED IKZN-PM TIN-70	Rekord 1D-SPEED TIN	Dimens. ID	Nominal Size ø d ₁	T.P.I.	
								.5000	No. 1	64	
								.5001	No. 2	56	
								.5002	No. 3	48	
					●	2	●	.5003	No. 4	40	
					●	3	●	.5004	No. 5	40	
					●	3	●	.5005	No. 6	32	
					●	3	●	.5006	No. 8	32	
●	3				●	3	●	.5007	No. 10	24	
								.5008	No. 12	24	
●	3	●	3	●	3	●	3	.5009	1/4	20	
●	3	●	3	●	3	●	3	.5010	5/16	18	
●	3	●	3	●	3	●	3	.5011	3/8	16	
CU99C410		CW159401	CW179401	CW169401	CW138F01	CW208F01	CU263701	Tool Identification			
Enorm 2-Z/E-IKZ GLT-1	Flutes	Rekord 2A-SPEED IKZ-TICN	Rekord 2A-SPEED IKZN-TICN	Rekord 2A-SPEED/E IKZ-TICN	Rekord 2B-Z-SPEED PM-TIN-70	Rekord 2B-Z-SPEED IKZN-PM TIN-70	Rekord 2D-SPEED TIN	Dimens. ID	Nominal Size ø d ₁	T.P.I.	
●	4	●	3	●	3	●	3	.5012	7/16	14	
●	4	●	3	●	3	●	3	.5013	1/2	13	
●	4	●	3	●	3	●	3	.5014	9/16	12	
●	4	●	3	●	3	●	3	.5015	5/8	11	
●	4	●	4	●	4	●	3	.5016	3/4	10	
		●	4	●	4	●	3	.5017	7/8	9	
		●	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	