

Rp	Vc (m/min)	
	MATERIAL GROUP	BR-OX-NX-NI / TIN-TiCN PV15
JIS NORM	1-5	5~10
	13-14	8~12
	16-19-20	10~20



MATERIAL GROUPS / GRUPPI MATERIALE WERKSTOFFEGRUPPE / GROUPES MATIÈRE								1-5 13 14 16 19 20	1-5 13 14 16 19 20	1-5 13 14 16 19 20
								STR	STR	STR
								HSSE	HSSE	HSSE
								BR	BR	BR
								3,5 P	3,5 P	3,5 P
Dxn	D(mm)	Ø	L	l	d	k	Stock	Stock	Stock	
Rp	1/8x28	9.728 8.5	55	19	8	6	○			
		9.728 8.5	100	19	8	6		○		
		9.728 8.5	150	19	8	6			○	
1/4x19	13.157 11.4	62	28	11	9	9	○			
		100	28	11	9	9		○		
		150	28	11	9	9			○	
3/8x19	16.662 14.9	65	28	14	11	11	○			
		100	28	14	11	11		○		
		150	28	14	11	11			○	
1/2x14	20.955 18.6	80	35	18	14	14	○			
		150	35	18	14	14			○	
		150	35	23	17	17	○			
3/4x14	26.441 24	85	35	23	17	17	○			
		150	35	23	17	17			○	
1 x11	33.249 30.2	95	45	26	21	21	○			
		150	45	26	21	21			○	
1 1/4x11	41.910 38.8	105	45	32	26	26	○			
		110	45	38	29	29	○			
2 x11	59.614 56.5	120	50	46	35	35	○			

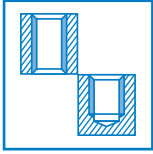
● stock standard ○ non-standard stock △ on request EX stock exhaustion



Rp	1/8 ~ 3/8	4	4	4
	1/2 ~ 3/4	4		4
	1 ~ 1 1/4	5		5
	1 1/2 ~ 2	6		

NEW

NPT
DIN376-374 ANSI B94.9



MATERIAL GROUP	Vc (m/min)	
	BR-OX-NX-NI	TIN-TICN PV15
1-5	5~15	
9-11	3~12	
13-14	8~12	
16-19-20	10~20	



MATERIAL GROUPS / GRUPPI MATERIALE WERKSTOFFEGRUPPE / GROUPES MATIÈRE		1-5 13 14 16 19 20		1-5 9 10		1-5 9-11			
		STR		STR INT		45°			
		HSSE BR		HSSE OX		HSSE OX			
		3P		3P		2,5P			
Dxn	A B	L	I	I1	d	k	Stock	Stock	
• ANSI									
NPT	1/16 x27	5.94	6.15	54	17.45	12	7.937	5.943	● ○
	1/8 x27	8.33	8.43	54	19.05	12.05	11.112	8.331	● ●
	1/4 x18	10.72	11.13	61.9	27	17.45	14.287	10.693	● ●
	3/8 x18	14.27	14.57	65.1	27	17.65	17.78	13.487	● ○
	1/2 x14	17.48	17.86	79.4	34.95	22.85	17.462	13.081	● ●
	3/4 x14	22.63	23.01	82.55	34.95	22.95	23.02	17.246	● ○
	1 x11.5	28.58	28.98	95.25	44.45	27.4	28.575	21.412	● ○
• DIN371-374									
	1/8 x27	8.33	8.43	90	12	26	10	8	●
	1/4 x18	10.72	11.13	100	18	34.5	14	11	●
	3/8 x18	14.27	14.57	110	18		14	11	●
	1/2 x14	17.48	17.86	140	23		16	12	●
	3/4 x14	22.63	23.01	150	24		20	16	○
	1 x11.5	28.58	28.98	170	30		25	20	○

A with reaming before tapping / con alesatura prima della maschiatura
mit Benutzung einer Reibahle / avec alésage avant le taraudage

B without reaming before tapping / senza alesatura prima della maschiatura
ohne Benutzung einer Reibahle / sans alésage avant le taraudage

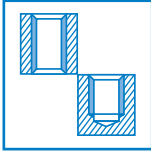
● stock standard ○ non-standard stock △ on request EX stock exhaustion



NPT 1/16	4	3	
1/8 ~ 3/8	4	5	3
1/2	4	5	4
3/4 ~1	5	5	4

NPT - NPTF
RC

NPTF
ANSI B94.9

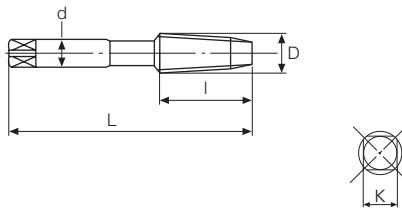


MATERIAL GROUP	Vc (m/min)	
	BR-OX-NX-NI	TIN-TICN PV15
1-5	5~10	
13-14	8~12	
16-19-20	10~20	



MATERIAL GROUPS / GRUPPI MATERIALE
WERKSTOFFEGRUPPE / GROUPES MATIÈRE

1-5 13 14
16 19 20



Dxn	Ø		L	I	l1	d	k	Stock
	A	B						
NPTF 1/16 x27	5.94	6.15	54	17.45	12	7.937	5.943	○
1/8 x27	8.33	8.43	54	19.05	12.05	11.112	8.331	●
1/4 x18	10.72	11.13	61.9	27	17.45	14.287	10.693	●
3/8 x18	14.27	14.57	65.1	27	17.65	17.78	13.487	○
1/2 x14	17.48	17.86	79.4	34.95	22.85	17.462	13.081	●
3/4 x14	22.63	23.01	82.55	34.95	22.95	23.02	17.246	○
1 x11.5	28.58	28.98	95.25	44.45	27.4	28.575	21.412	○

A with reaming before tapping / con alesatura prima della maschiatura

mit Benutzung einer Reibahle / avec alésage avant le taraudage

B without reaming before tapping / senza alesatura prima della maschiatura

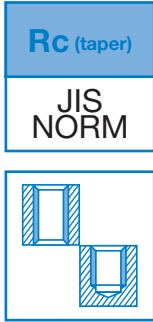
ohne Benutzung einer Reibahle / sans alésage avant le taraudage

● stock standard ○ non-standard stock △ on request EX stock exhaustion



NPTF 1/16 ~ 1/2
3/4 ~1

4
5



MATERIAL GROUP	Vc (m/min)	
	BR-OX-NX-NI	TIN-TICN PV15
1-5	5~10	
13-14	8~12	
16-19-20	10~20	



MATERIAL GROUPS / GRUPPI MATERIALE WERKSTOFFEGRUPPE / GROUPES MATIÈRE									1-5 13 14 16 19 20	1-5 13 14 16 19 20	1-5 13 14 16 19 20
									STR	STR	STR
									HSSE	HSSE	HSSE
									BR	BR	BR
									2,5 P	2,5 P	2,5 P
Dxn	Ø		L	l	l1	d	k	Stock	Stock	Stock	
Rc 1/8 x28	A	B						●			
	8.10	8.20	55	19	13	8	6		●		
	8.10	8.20	100	19	13	8	6				
1/4 x19	8.10	8.20	150	19	13	8	6			○	
	10.70	11.00	62	28	21	11	9	●			
	10.70	11.00	100	28	21	11	9		●		
3/8 x19	10.70	11.00	150	28	21	11	9			○	
	14.20	14.50	65	28	21	14	11	●			
	14.20	14.50	100	28	21	14	11		○		
1/2 x14	14.20	14.50	150	28	21	14	11			○	
	17.60	18.00	80	35	25	18	14	●			
	17.60	18.00	150	35	25	18	14			○	
3/4 x14	23.00	23.30	85	35	25	23	17	○			
	23.00	23.30	150	35	25	23	17			○	
	28.80	29.25	95	45	32	36	21	○			
1 x11	28.80	29.25	150	45	32	36	21			○	
	37.30	37.80	105	45	32	32	26	○			
1 1/2 x11	43.40	44.00	110	45	32	38	29	○			
2 x11	55.50	56.00	120	50	35	46	35	○			

A with reaming before tapping / con alesatura prima della maschiatura
 mit Benutzung einer Reibahle / avec alésage avant le taraudage ● stock standard ○ non-standard stock △ on request EX stock exhaustion

B without reaming before tapping / senza alesatura prima della maschiatura
 ohne Benutzung einer Reibahle / sans alésage avant le taraudage



Rc 1/8 ~ 3/8	4	4	4
1/2 ~ 3/4	4		4
1 ~ 1 1/4	5		5
1 1/2 ~ 2	6		

NPT - NPTF
Rc