

Ratiobohrer mit Kühlkanälen



P Ausspitzung $\geq \varnothing 3,000$ • Flächenanschliff • Hauptschneidenform gerade • optimierte Schneidengeometrie

M •

K •

N rost-/säure-/hitzebeständige Stähle • Titan und Titanlegierungen
• Inconel, Hastelloy, Monel

S •

H

Schneidstoff **VHM**

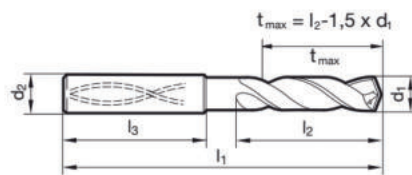
Oberfläche **a a a**

Schaftform **HA HE HB**

-SL -SL -SL

GÜHRINGNAVIGATOR

Schnittwerte siehe Seite 152



Artikel-Nr. **5526 5528 6024**

Rabattgruppe **155 155 155**

Schneidrichtung **R R R**

d1		d2 h6	l1	l2	l3	Verfügbarkeit
mm	inch	mm	mm	mm	mm	
3,000		6,00	62,00	20,00	36,00	• • •
3,100		6,00	62,00	20,00	36,00	• • •
3,170	1/8	6,00	62,00	20,00	36,00	• • •
3,200		6,00	62,00	20,00	36,00	• • •
3,250		6,00	62,00	20,00	36,00	• • •
3,300		6,00	62,00	20,00	36,00	• • •
3,400		6,00	62,00	20,00	36,00	• • •
3,500		6,00	62,00	20,00	36,00	• • •
3,570	9/64	6,00	62,00	20,00	36,00	• • •
3,600		6,00	62,00	20,00	36,00	• • •
3,700		6,00	62,00	20,00	36,00	• • •
3,800		6,00	66,00	24,00	36,00	• • •
3,900		6,00	66,00	24,00	36,00	• • •
3,970	5/32	6,00	66,00	24,00	36,00	• • •
4,000		6,00	66,00	24,00	36,00	• • •
4,100		6,00	66,00	24,00	36,00	• • •
4,200		6,00	66,00	24,00	36,00	• • •
4,300		6,00	66,00	24,00	36,00	• • •
4,370	11/64	6,00	66,00	24,00	36,00	• • •
4,400		6,00	66,00	24,00	36,00	• • •
4,500		6,00	66,00	24,00	36,00	• • •
4,600		6,00	66,00	24,00	36,00	• • •
4,650		6,00	66,00	24,00	36,00	• • •
4,700		6,00	66,00	24,00	36,00	• • •
4,760	3/16	6,00	66,00	28,00	36,00	• • •
4,800		6,00	66,00	28,00	36,00	• • •
4,900		6,00	66,00	28,00	36,00	• • •
5,000		6,00	66,00	28,00	36,00	• • •
5,100		6,00	66,00	28,00	36,00	• • •
5,160	13/64	6,00	66,00	28,00	36,00	• • •
5,200		6,00	66,00	28,00	36,00	• • •
5,300		6,00	66,00	28,00	36,00	• • •
5,400		6,00	66,00	28,00	36,00	• • •
5,500		6,00	66,00	28,00	36,00	• • •
5,550		6,00	66,00	28,00	36,00	• • •
5,560	7/32	6,00	66,00	28,00	36,00	• • •

						Artikel-Nr.	5526	5528	6024
						Rabattgruppe	155	155	155
						Schneidrichtung	(R)	(R)	(R)
d1		d2 h6	l1	l2	l3	Verfügbarkeit			
mm	inch	mm	mm	mm	mm				
5,600		6,00	66,00	28,00	36,00	●	●	●	
5,700		6,00	66,00	28,00	36,00	●	●	●	
5,800		6,00	66,00	28,00	36,00	●	●	●	
5,900		6,00	66,00	28,00	36,00	●	●	●	
5,950	15/64	6,00	66,00	28,00	36,00	●	●	●	
6,000		6,00	66,00	28,00	36,00	●	●	●	
6,100		8,00	79,00	34,00	36,00	●	●	●	
6,200		8,00	79,00	34,00	36,00	●	●	●	
6,300		8,00	79,00	34,00	36,00	●	●	●	
6,350	1/4	8,00	79,00	34,00	36,00	●	●	●	
6,400		8,00	79,00	34,00	36,00	●	●	●	
6,500		8,00	79,00	34,00	36,00	●	●	●	
6,600		8,00	79,00	34,00	36,00	●	●	●	
6,700		8,00	79,00	34,00	36,00	●	●	●	
6,750	17/64	8,00	79,00	34,00	36,00	●	●	●	
6,800		8,00	79,00	34,00	36,00	●	●	●	
6,900		8,00	79,00	34,00	36,00	●	●	●	
7,000		8,00	79,00	34,00	36,00	●	●	●	
7,100		8,00	79,00	41,00	36,00	●	●	●	
7,140	9/32	8,00	79,00	41,00	36,00	●	●	●	
7,200		8,00	79,00	41,00	36,00	●	●	●	
7,300		8,00	79,00	41,00	36,00	●	●	●	
7,400		8,00	79,00	41,00	36,00	●	●	●	
7,500		8,00	79,00	41,00	36,00	●	●	●	
7,540	19/64	8,00	79,00	41,00	36,00	●	●	●	
7,600		8,00	79,00	41,00	36,00	●	●	●	
7,700		8,00	79,00	41,00	36,00	●	●	●	
7,800		8,00	79,00	41,00	36,00	●	●	●	
7,900		8,00	79,00	41,00	36,00	●	●	●	
7,940	5/16	8,00	79,00	41,00	36,00	●	●	●	
8,000		8,00	79,00	41,00	36,00	●	●	●	
8,100		10,00	89,00	47,00	40,00	●	●	●	
8,200		10,00	89,00	47,00	40,00	●	●	●	
8,300		10,00	89,00	47,00	40,00	●	●	●	
8,330	21/64	10,00	89,00	47,00	40,00	●	●	●	
8,400		10,00	89,00	47,00	40,00	●	●	●	
8,500		10,00	89,00	47,00	40,00	●	●	●	
8,600		10,00	89,00	47,00	40,00	●	●	●	
8,700		10,00	89,00	47,00	40,00	●	●	●	
8,730	11/32	10,00	89,00	47,00	40,00	●	●	●	
8,800		10,00	89,00	47,00	40,00	●	●	●	
8,900		10,00	89,00	47,00	40,00	●	●	●	
9,000		10,00	89,00	47,00	40,00	●	●	●	
9,100		10,00	89,00	47,00	40,00	●	●	●	
9,130	23/64	10,00	89,00	47,00	40,00	●	●	●	
9,200		10,00	89,00	47,00	40,00	●	●	●	
9,250		10,00	89,00	47,00	40,00	●	●	●	
9,300		10,00	89,00	47,00	40,00	●	●	●	
9,400		10,00	89,00	47,00	40,00	●	●	●	
9,500		10,00	89,00	47,00	40,00	●	●	●	
9,520	3/8	10,00	89,00	47,00	40,00	●	●	●	
9,600		10,00	89,00	47,00	40,00	●	●	●	
9,700		10,00	89,00	47,00	40,00	●	●	●	
9,800		10,00	89,00	47,00	40,00	●	●	●	
9,900		10,00	89,00	47,00	40,00	●	●	●	
9,920	25/64	10,00	89,00	47,00	40,00	●	●	●	
10,000		10,00	89,00	47,00	40,00	●	●	●	
10,100		12,00	102,00	55,00	45,00	●	●	●	
10,200		12,00	102,00	55,00	45,00	●	●	●	
10,300		12,00	102,00	55,00	45,00	●	●	●	

						Artikel-Nr.	5526	5528	6024
						Rabattgruppe	155	155	155
						Schneidrichtung			
d1		d2 h6	l1	l2	l3	Verfügbarkeit			
mm	inch	mm	mm	mm	mm				
10,320	13/32	12,00	102,00	55,00	45,00	●	●	●	
10,400		12,00	102,00	55,00	45,00	●	●	●	
10,500		12,00	102,00	55,00	45,00	●	●	●	
10,600		12,00	102,00	55,00	45,00	●	●	●	
10,700		12,00	102,00	55,00	45,00	●	●	●	
10,800		12,00	102,00	55,00	45,00	●	●	●	
10,900		12,00	102,00	55,00	45,00	●	●	●	
11,000		12,00	102,00	55,00	45,00	●	●	●	
11,100		12,00	102,00	55,00	45,00	●	●	●	
11,110	7/16	12,00	102,00	55,00	45,00	●	●	●	
11,200		12,00	102,00	55,00	45,00	●	●	●	
11,300		12,00	102,00	55,00	45,00	●	●	●	
11,400		12,00	102,00	55,00	45,00	●	●	●	
11,500		12,00	102,00	55,00	45,00	●	●	●	
11,600		12,00	102,00	55,00	45,00	●	●	●	
11,700		12,00	102,00	55,00	45,00	●	●	●	
11,800		12,00	102,00	55,00	45,00	●	●	●	
11,900		12,00	102,00	55,00	45,00	●	●	●	
11,910	15/32	12,00	102,00	55,00	45,00	●	●	●	
12,000		12,00	102,00	55,00	45,00	●	●	●	
12,200		14,00	107,00	60,00	45,00	●	●	●	
12,500		14,00	107,00	60,00	45,00	●	●	●	
12,700	1/2	14,00	107,00	60,00	45,00	●	●	●	
13,000		14,00	107,00	60,00	45,00	●	●	●	
13,500		14,00	107,00	60,00	45,00	●	●	●	
13,700		14,00	107,00	60,00	45,00	●	●	●	
14,000		14,00	107,00	60,00	45,00	●	●	●	
14,200		16,00	115,00	65,00	48,00	●	●	●	
14,290	9/16	16,00	115,00	65,00	48,00	●	●	●	
14,500		16,00	115,00	65,00	48,00	●	●	●	
14,700		16,00	115,00	65,00	48,00	●	●	●	
15,000		16,00	115,00	65,00	48,00	●	●	●	
15,200		16,00	115,00	65,00	48,00	●	●	●	
15,500		16,00	115,00	65,00	48,00	●	●	●	
15,700		16,00	115,00	65,00	48,00	●	●	●	
16,000		16,00	115,00	65,00	48,00	●	●	●	
16,500		18,00	123,00	73,00	48,00	●	●	●	
17,000		18,00	123,00	73,00	48,00	●	●	●	
17,500		18,00	123,00	73,00	48,00	●	●	●	
18,000		18,00	123,00	73,00	48,00	●	●	●	
18,500		20,00	131,00	79,00	50,00	●	●	●	
19,000		20,00	131,00	79,00	50,00	●	●	●	
19,500		20,00	131,00	79,00	50,00	●	●	●	
20,000		20,00	131,00	79,00	50,00	●	●	●	

Ratiobohrer mit Kühlkanälen



Schneidstoff **VHM**

Oberfläche **HA HE HB**

Schaftform **SL SL SL**

P Ausspitzung $\geq \varnothing 3,000$ • Flächenanschliff • Hauptschneidenform gerade • optimierte Schneidengeometrie

M •

K

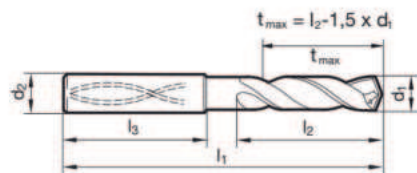
N rost-/säure-/hitzebeständige Stähle • Titan und Titanlegierungen
• Inconel, Hastelloy, Monel

S •

H

GÜHRINGNAVIGATOR

Schnittwerte siehe Seite 152



Artikel-Nr. **5580 5581 6025**

Rabattgruppe **155 155 155**

Schneidrichtung **(R) (R) (R)**

d1		d2 h6	l1	l2	l3	Verfügbarkeit
mm	inch	mm	mm	mm	mm	
3,000		6,00	66,00	28,00	36,00	• • •
3,100		6,00	66,00	28,00	36,00	• • •
3,170	1/8	6,00	66,00	28,00	36,00	• • •
3,200		6,00	66,00	28,00	36,00	• • •
3,250		6,00	66,00	28,00	36,00	• • •
3,300		6,00	66,00	28,00	36,00	• • •
3,400		6,00	66,00	28,00	36,00	• • •
3,500		6,00	66,00	28,00	36,00	• • •
3,570	9/64	6,00	66,00	28,00	36,00	• • •
3,600		6,00	66,00	28,00	36,00	• • •
3,700		6,00	66,00	28,00	36,00	• • •
3,800		6,00	74,00	36,00	36,00	• • •
3,900		6,00	74,00	36,00	36,00	• • •
3,970	5/32	6,00	74,00	36,00	36,00	• • •
4,000		6,00	74,00	36,00	36,00	• • •
4,100		6,00	74,00	36,00	36,00	• • •
4,200		6,00	74,00	36,00	36,00	• • •
4,300		6,00	74,00	36,00	36,00	• • •
4,370	11/64	6,00	74,00	36,00	36,00	• • •
4,400		6,00	74,00	36,00	36,00	• • •
4,500		6,00	74,00	36,00	36,00	• • •
4,600		6,00	74,00	36,00	36,00	• • •
4,650		6,00	74,00	36,00	36,00	• • •
4,700		6,00	74,00	36,00	36,00	• • •
4,760	3/16	6,00	82,00	44,00	36,00	• • •
4,800		6,00	82,00	44,00	36,00	• • •
4,900		6,00	82,00	44,00	36,00	• • •
5,000		6,00	82,00	44,00	36,00	• • •
5,100		6,00	82,00	44,00	36,00	• • •
5,160	13/64	6,00	82,00	44,00	36,00	• • •
5,200		6,00	82,00	44,00	36,00	• • •
5,300		6,00	82,00	44,00	36,00	• • •
5,400		6,00	82,00	44,00	36,00	• • •
5,500		6,00	82,00	44,00	36,00	• • •
5,550		6,00	82,00	44,00	36,00	• • •
5,560	7/32	6,00	82,00	44,00	36,00	• • •

						Artikel-Nr.	5580	5581	6025
						Rabattgruppe	155	155	155
						Schneidrichtung	(R)	(R)	(R)
d1		d2 h6	l1	l2	l3	Verfügbarkeit			
mm	inch	mm	mm	mm	mm				
5,600		6,00	82,00	44,00	36,00	•	•	•	
5,700		6,00	82,00	44,00	36,00	•	•	•	
5,800		6,00	82,00	44,00	36,00	•	•	•	
5,900		6,00	82,00	44,00	36,00	•	•	•	
5,950	15/64	6,00	82,00	44,00	36,00	•	•	•	
6,000		6,00	82,00	44,00	36,00	•	•	•	
6,100		8,00	91,00	53,00	36,00	•	•	•	
6,200		8,00	91,00	53,00	36,00	•	•	•	
6,300		8,00	91,00	53,00	36,00	•	•	•	
6,350	1/4	8,00	91,00	53,00	36,00	•	•	•	
6,400		8,00	91,00	53,00	36,00	•	•	•	
6,500		8,00	91,00	53,00	36,00	•	•	•	
6,600		8,00	91,00	53,00	36,00	•	•	•	
6,700		8,00	91,00	53,00	36,00	•	•	•	
6,750	17/64	8,00	91,00	53,00	36,00	•	•	•	
6,800		8,00	91,00	53,00	36,00	•	•	•	
6,900		8,00	91,00	53,00	36,00	•	•	•	
7,000		8,00	91,00	53,00	36,00	•	•	•	
7,100		8,00	91,00	53,00	36,00	•	•	•	
7,140	9/32	8,00	91,00	53,00	36,00	•	•	•	
7,200		8,00	91,00	53,00	36,00	•	•	•	
7,300		8,00	91,00	53,00	36,00	•	•	•	
7,400		8,00	91,00	53,00	36,00	•	•	•	
7,500		8,00	91,00	53,00	36,00	•	•	•	
7,540	19/64	8,00	91,00	53,00	36,00	•	•	•	
7,600		8,00	91,00	53,00	36,00	•	•	•	
7,700		8,00	91,00	53,00	36,00	•	•	•	
7,800		8,00	91,00	53,00	36,00	•	•	•	
7,900		8,00	91,00	53,00	36,00	•	•	•	
7,940	5/16	8,00	91,00	53,00	36,00	•	•	•	
8,000		8,00	91,00	53,00	36,00	•	•	•	
8,100		10,00	103,00	61,00	40,00	•	•	•	
8,200		10,00	103,00	61,00	40,00	•	•	•	
8,300		10,00	103,00	61,00	40,00	•	•	•	
8,330	21/64	10,00	103,00	61,00	40,00	•	•	•	
8,400		10,00	103,00	61,00	40,00	•	•	•	
8,500		10,00	103,00	61,00	40,00	•	•	•	
8,600		10,00	103,00	61,00	40,00	•	•	•	
8,700		10,00	103,00	61,00	40,00	•	•	•	
8,730	11/32	10,00	103,00	61,00	40,00	•	•	•	
8,800		10,00	103,00	61,00	40,00	•	•	•	
8,900		10,00	103,00	61,00	40,00	•	•	•	
9,000		10,00	103,00	61,00	40,00	•	•	•	
9,100		10,00	103,00	61,00	40,00	•	•	•	
9,130	23/64	10,00	103,00	61,00	40,00	•	•	•	
9,200		10,00	103,00	61,00	40,00	•	•	•	
9,250		10,00	103,00	61,00	40,00	•	•	•	
9,300		10,00	103,00	61,00	40,00	•	•	•	
9,400		10,00	103,00	61,00	40,00	•	•	•	
9,500		10,00	103,00	61,00	40,00	•	•	•	
9,520	3/8	10,00	103,00	61,00	40,00	•	•	•	
9,600		10,00	103,00	61,00	40,00	•	•	•	
9,700		10,00	103,00	61,00	40,00	•	•	•	
9,800		10,00	103,00	61,00	40,00	•	•	•	
9,900		10,00	103,00	61,00	40,00	•	•	•	
9,920	25/64	10,00	103,00	61,00	40,00	•	•	•	
10,000		10,00	103,00	61,00	40,00	•	•	•	
10,100		12,00	118,00	71,00	45,00	•	•	•	
10,200		12,00	118,00	71,00	45,00	•	•	•	
10,300		12,00	118,00	71,00	45,00	•	•	•	

						Artikel-Nr.	5580	5581	6025
						Rabattgruppe	155	155	155
						Schneidrichtung	(R)	(R)	(R)
d1		d2 h6	l1	l2	l3	Verfügbarkeit			
mm	inch	mm	mm	mm	mm				
10,320	13/32	12,00	118,00	71,00	45,00	●	●	●	
10,400		12,00	118,00	71,00	45,00	●	●	●	
10,500		12,00	118,00	71,00	45,00	●	●	●	
10,600		12,00	118,00	71,00	45,00	●	●	●	
10,700		12,00	118,00	71,00	45,00	●	●	●	
10,800		12,00	118,00	71,00	45,00	●	●	●	
10,900		12,00	118,00	71,00	45,00	●	●	●	
11,000		12,00	118,00	71,00	45,00	●	●	●	
11,100		12,00	118,00	71,00	45,00	●	●	●	
11,110	7/16	12,00	118,00	71,00	45,00	●	●	●	
11,200		12,00	118,00	71,00	45,00	●	●	●	
11,300		12,00	118,00	71,00	45,00	●	●	●	
11,400		12,00	118,00	71,00	45,00	●	●	●	
11,500		12,00	118,00	71,00	45,00	●	●	●	
11,600		12,00	118,00	71,00	45,00	●	●	●	
11,700		12,00	118,00	71,00	45,00	●	●	●	
11,800		12,00	118,00	71,00	45,00	●	●	●	
11,900		12,00	118,00	71,00	45,00	●	●	●	
11,910	15/32	12,00	118,00	71,00	45,00	●	●	●	
12,000		12,00	118,00	71,00	45,00	●	●	●	
12,200		14,00	124,00	77,00	45,00	●	●	●	
12,500		14,00	124,00	77,00	45,00	●	●	●	
12,700	1/2	14,00	124,00	77,00	45,00	●	●	●	
13,000		14,00	124,00	77,00	45,00	●	●	●	
13,500		14,00	124,00	77,00	45,00	●	●	●	
13,700		14,00	124,00	77,00	45,00	●	●	●	
14,000		14,00	124,00	77,00	45,00	●	●	●	
14,200		16,00	133,00	83,00	48,00	●	●	●	
14,290	9/16	16,00	133,00	83,00	48,00	●	●	●	
14,500		16,00	133,00	83,00	48,00	●	●	●	
14,700		16,00	133,00	83,00	48,00	●	●	●	
15,000		16,00	133,00	83,00	48,00	●	●	●	
15,200		16,00	133,00	83,00	48,00	●	●	●	
15,500		16,00	133,00	83,00	48,00	●	●	●	
15,700		16,00	133,00	83,00	48,00	●	●	●	
16,000		16,00	133,00	83,00	48,00	●	●	●	
16,500		18,00	143,00	93,00	48,00	●	●	●	
17,000		18,00	143,00	93,00	48,00	●	●	●	
17,500		18,00	143,00	93,00	48,00	●	●	●	
18,000		18,00	143,00	93,00	48,00	●	●	●	
18,500		20,00	153,00	101,00	50,00	●	●	●	
19,000		20,00	153,00	101,00	50,00	●	●	●	
19,500		20,00	153,00	101,00	50,00	●	●	●	
20,000		20,00	153,00	101,00	50,00	●	●	●	

Ratiobohrer mit Kühlkanälen



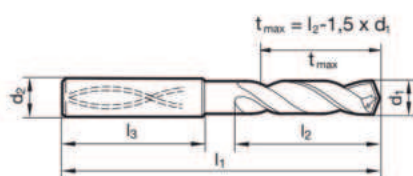
- P** • Ausspitzung $\geq \varnothing 3,000$ • Flächenanschliff • Hauptschneidenform gerade • optimierte Schneidengeometrie
- M** ○
- K** •
- N** ○ Bau- und Einsatzstähle • Automatenstähle, Vergütungsstähle • legierte Stähle bis 1200 N/mm² • Gusswerkstoffe • Bronzen, Messing • hochlegierte AlSi-Legierungen
- S**
- H**

GÜHRINGNAVIGATOR

Schnittwerte siehe Seite 154

Schneidstoff	VHM
Oberfläche	F
Schaffform	HA

SL



Artikel-Nr. **5525**

Rabattgruppe **155**

Schneidrichtung

d1		d2 h6	l1	l2	l3	Verfügbarkeit
mm	inch	mm	mm	mm	mm	
3,000		6,00	90,00	50,00	36,00	●
3,100		6,00	90,00	50,00	36,00	●
3,170	1/8	6,00	90,00	50,00	36,00	●
3,200		6,00	90,00	50,00	36,00	●
3,250		6,00	90,00	50,00	36,00	●
3,300		6,00	90,00	50,00	36,00	●
3,400		6,00	90,00	50,00	36,00	●
3,500		6,00	90,00	50,00	36,00	●
3,600		6,00	90,00	50,00	36,00	●
3,700		6,00	90,00	50,00	36,00	●
3,800		6,00	102,00	64,00	36,00	●
3,900		6,00	102,00	64,00	36,00	●
4,000		6,00	102,00	64,00	36,00	●
4,100		6,00	102,00	64,00	36,00	●
4,200		6,00	102,00	64,00	36,00	●
4,300		6,00	102,00	64,00	36,00	●
4,400		6,00	102,00	64,00	36,00	●
4,500		6,00	102,00	64,00	36,00	●
4,600		6,00	102,00	64,00	36,00	●
4,650		6,00	102,00	64,00	36,00	●
4,700		6,00	102,00	64,00	36,00	●
4,800		6,00	116,00	78,00	36,00	●
4,900		6,00	116,00	78,00	36,00	●
5,000		6,00	116,00	78,00	36,00	●
5,100		6,00	116,00	78,00	36,00	●
5,200		6,00	116,00	78,00	36,00	●
5,300		6,00	116,00	78,00	36,00	●
5,400		6,00	116,00	78,00	36,00	●
5,500		6,00	116,00	78,00	36,00	●
5,600		6,00	116,00	78,00	36,00	●
5,700		6,00	116,00	78,00	36,00	●
5,800		6,00	116,00	78,00	36,00	●
5,900		6,00	116,00	78,00	36,00	●
5,950	15/64	6,00	116,00	78,00	36,00	●
6,000		6,00	116,00	78,00	36,00	●
6,100		8,00	146,00	108,00	36,00	●

Artikel-Nr. 5525

Rabattgruppe 155

Schneidrichtung 

d1		d2 h6	l1	l2	l3	Verfügbarkeit
mm	inch	mm	mm	mm	mm	
6,200		8,00	146,00	108,00	36,00	●
6,300		8,00	146,00	108,00	36,00	●
6,350	1/4	8,00	146,00	108,00	36,00	●
6,400		8,00	146,00	108,00	36,00	●
6,500		8,00	146,00	108,00	36,00	●
6,600		8,00	146,00	108,00	36,00	●
6,700		8,00	146,00	108,00	36,00	●
6,750	17/64	8,00	146,00	108,00	36,00	●
6,800		8,00	146,00	108,00	36,00	●
6,900		8,00	146,00	108,00	36,00	●
7,000		8,00	146,00	108,00	36,00	●
7,100		8,00	146,00	108,00	36,00	●
7,200		8,00	146,00	108,00	36,00	●
7,300		8,00	146,00	108,00	36,00	●
7,400		8,00	146,00	108,00	36,00	●
7,500		8,00	146,00	108,00	36,00	●
7,600		8,00	146,00	108,00	36,00	●
7,700		8,00	146,00	108,00	36,00	●
7,800		8,00	146,00	108,00	36,00	●
7,900		8,00	146,00	108,00	36,00	●
8,000		8,00	146,00	108,00	36,00	●
8,100		10,00	162,00	120,00	40,00	●
8,200		10,00	162,00	120,00	40,00	●
8,300		10,00	162,00	120,00	40,00	●
8,400		10,00	162,00	120,00	40,00	●
8,500		10,00	162,00	120,00	40,00	●
8,600		10,00	162,00	120,00	40,00	●
8,700		10,00	162,00	120,00	40,00	●
8,800		10,00	162,00	120,00	40,00	●
8,900		10,00	162,00	120,00	40,00	●
9,000		10,00	162,00	120,00	40,00	●
9,100		10,00	162,00	120,00	40,00	●
9,200		10,00	162,00	120,00	40,00	●
9,250		10,00	162,00	120,00	40,00	●
9,300		10,00	162,00	120,00	40,00	●
9,400		10,00	162,00	120,00	40,00	●
9,500		10,00	162,00	120,00	40,00	●
9,520	3/8	10,00	162,00	120,00	40,00	●
9,600		10,00	162,00	120,00	40,00	●
9,700		10,00	162,00	120,00	40,00	●
9,800		10,00	162,00	120,00	40,00	●
9,900		10,00	162,00	120,00	40,00	●
10,000		10,00	162,00	120,00	40,00	●
10,100		12,00	204,00	156,00	45,00	●
10,200		12,00	204,00	156,00	45,00	●
10,300		12,00	204,00	156,00	45,00	●
10,500		12,00	204,00	156,00	45,00	●
10,600		12,00	204,00	156,00	45,00	●
10,700		12,00	204,00	156,00	45,00	●
10,800		12,00	204,00	156,00	45,00	●
10,900		12,00	204,00	156,00	45,00	●
11,000		12,00	204,00	156,00	45,00	●
11,500		12,00	204,00	156,00	45,00	●
12,000		12,00	204,00	156,00	45,00	●
12,300	31/64	14,00	230,00	182,00	45,00	●
12,500		14,00	230,00	182,00	45,00	●
12,700	1/2	14,00	230,00	182,00	45,00	●
13,000		14,00	230,00	182,00	45,00	●
13,500		14,00	230,00	182,00	45,00	●
14,000		14,00	230,00	182,00	45,00	●

Artikel-Nr. 5525

Rabattgruppe 155

Schneidrichtung 

d1		d2 h6	l1	l2	l3	Verfügbarkeit
mm	inch	mm	mm	mm	mm	
14,500		16,00	260,00	208,00	48,00	●
15,000		16,00	260,00	208,00	48,00	●
15,500		16,00	260,00	208,00	48,00	●
16,000		16,00	260,00	208,00	48,00	●
16,500		18,00	285,00	234,00	48,00	●
17,000		18,00	285,00	234,00	48,00	●
17,500		18,00	285,00	234,00	48,00	●
18,000		18,00	285,00	234,00	48,00	●
18,500		20,00	310,00	258,00	50,00	●
19,000		20,00	310,00	258,00	50,00	●
19,050	3/4	20,00	310,00	258,00	50,00	●
19,500		20,00	310,00	258,00	50,00	●
20,000		20,00	310,00	258,00	50,00	●

Ratiobohrer mit Kühlkanälen

Artikel-Nr. 6509

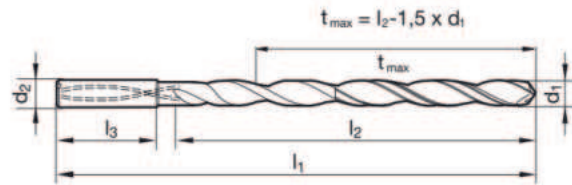


Schnittwerte siehe Seite 420



P	M	K	N	S	H
●	●	●	○	○	○

Ausspitzung ≥ Ø 3,000 • Hauptschneidenform konkav • optimierter Nutquerschnitt • maximaler Kühlkanalquerschnitt
 • Kühlmitteldruck beachten



Artikel-Nr. 6509

Artikel-Nr. 6509

d1		d2 h6	l1	l2	l3	Bestell-Nr.
mm	inch	mm	mm	mm	mm	
3,000		6,0	95,0	55,0	36,0	6509 3.000
3,100		6,0	106,0	66,0	36,0	6509 3.100
3,170	1/8	6,0	106,0	66,0	36,0	6509 3.170
3,200		6,0	106,0	66,0	36,0	6509 3.200
3,300		6,0	106,0	66,0	36,0	6509 3.300
3,500		6,0	116,0	76,0	36,0	6509 3.500
3,570	9/64	6,0	116,0	76,0	36,0	6509 3.570
3,700		6,0	116,0	76,0	36,0	6509 3.700
3,800		6,0	116,0	76,0	36,0	6509 3.800
3,970	5/32	6,0	116,0	76,0	36,0	6509 3.970
4,000		6,0	116,0	76,0	36,0	6509 4.000
4,200		6,0	133,0	93,0	36,0	6509 4.200
4,300		6,0	133,0	93,0	36,0	6509 4.300
4,370	11/64	6,0	133,0	93,0	36,0	6509 4.370
4,500		6,0	133,0	93,0	36,0	6509 4.500
4,600		6,0	133,0	93,0	36,0	6509 4.600
4,760	3/16	6,0	133,0	93,0	36,0	6509 4.760
4,800		6,0	133,0	93,0	36,0	6509 4.800
5,000		6,0	133,0	93,0	36,0	6509 5.000
5,100		6,0	150,0	110,0	36,0	6509 5.100
5,160	13/64	6,0	150,0	110,0	36,0	6509 5.160
5,410		6,0	150,0	110,0	36,0	6509 5.410
5,500		6,0	150,0	110,0	36,0	6509 5.500
5,560	7/32	6,0	150,0	110,0	36,0	6509 5.560
5,600		6,0	150,0	110,0	36,0	6509 5.600
5,800		6,0	150,0	110,0	36,0	6509 5.800
5,950	15/64	6,0	150,0	110,0	36,0	6509 5.950
6,000		6,0	150,0	110,0	36,0	6509 6.000
6,300		8,0	167,0	127,0	36,0	6509 6.300
6,350	1/4	8,0	167,0	127,0	36,0	6509 6.350
6,500		8,0	167,0	127,0	36,0	6509 6.500
6,750	17/64	8,0	167,0	127,0	36,0	6509 6.750
6,800		8,0	167,0	127,0	36,0	6509 6.800
7,000		8,0	167,0	127,0	36,0	6509 7.000
7,140	9/32	8,0	183,0	143,0	36,0	6509 7.140
7,500		8,0	183,0	143,0	36,0	6509 7.500
7,540	19/64	8,0	183,0	143,0	36,0	6509 7.540
7,800		8,0	183,0	143,0	36,0	6509 7.800
7,940	5/16	8,0	183,0	143,0	36,0	6509 7.940
8,000		8,0	183,0	143,0	36,0	6509 8.000
8,330	21/64	10,0	204,0	160,0	40,0	6509 8.330
8,500		10,0	204,0	160,0	40,0	6509 8.500

d1		d2 h6	l1	l2	l3	Bestell-Nr.
mm	inch	mm	mm	mm	mm	
8,730	11/32	10,0	204,0	160,0	40,0	6509 8.730
8,800		10,0	204,0	160,0	40,0	6509 8.800
9,000		10,0	204,0	160,0	40,0	6509 9.000
9,130	23/64	10,0	221,0	177,0	40,0	6509 9.130
9,500		10,0	221,0	177,0	40,0	6509 9.500
9,520	3/8	10,0	221,0	177,0	40,0	6509 9.520
9,800		10,0	221,0	177,0	40,0	6509 9.800
9,920	25/64	10,0	221,0	177,0	40,0	6509 9.920
10,000		10,0	221,0	177,0	40,0	6509 10.000
10,200		12,0	247,0	198,0	45,0	6509 10.200
10,320	13/32	12,0	247,0	198,0	45,0	6509 10.320
10,500		12,0	247,0	198,0	45,0	6509 10.500
10,720	27/64	12,0	247,0	198,0	45,0	6509 10.720
11,000		12,0	247,0	198,0	45,0	6509 11.000
11,110	7/16	12,0	263,0	214,0	45,0	6509 11.110
11,510	29/64	12,0	263,0	214,0	45,0	6509 11.510
11,800		12,0	263,0	214,0	45,0	6509 11.800
11,910	15/32	12,0	263,0	214,0	45,0	6509 11.910
12,000		12,0	263,0	214,0	45,0	6509 12.000
12,300	31/64	14,0	297,0	248,0	45,0	6509 12.300
12,500		14,0	297,0	248,0	45,0	6509 12.500
12,700	1/2	14,0	297,0	248,0	45,0	6509 12.700
13,000		14,0	297,0	248,0	45,0	6509 13.000
13,100	33/64	14,0	297,0	248,0	45,0	6509 13.100
13,490	17/32	14,0	297,0	248,0	45,0	6509 13.490
13,890	35/64	14,0	297,0	248,0	45,0	6509 13.890
14,000		14,0	297,0	248,0	45,0	6509 14.000
14,290	9/16	16,0	333,0	281,0	48,0	6509 14.290
15,000		16,0	333,0	281,0	48,0	6509 15.000
15,870	5/8	16,0	333,0	281,0	48,0	6509 15.870
16,000		16,0	333,0	281,0	48,0	6509 16.000

Ratioboherer mit Kühlkanälen

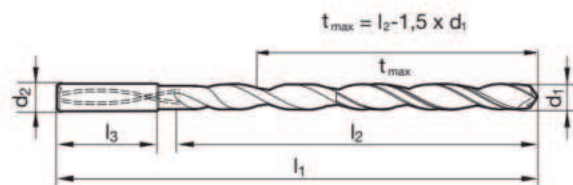
Artikel-Nr. 6511



Schnittwerte siehe Seite 421



Ausspitzung $\geq \varnothing 3,000$ • Hauptschneidenform konkav • optimierter Nutquerschnitt • maximaler Kühlkanalquerschnitt
 • Kühlmitteldruck beachten



Artikel-Nr.		6511				
d1	inch	d2 h6	l1	l2	l3	Bestell-Nr.
3,000		6,0	110,0	70,0	36,0	6511 3.000
3,100		6,0	123,0	83,0	36,0	6511 3.100
3,170	1/8	6,0	123,0	83,0	36,0	6511 3.170
3,200		6,0	123,0	83,0	36,0	6511 3.200
3,300		6,0	123,0	83,0	36,0	6511 3.300
3,500		6,0	136,0	96,0	36,0	6511 3.500
3,570	9/64	6,0	136,0	96,0	36,0	6511 3.570
3,700		6,0	136,0	96,0	36,0	6511 3.700
3,800		6,0	136,0	96,0	36,0	6511 3.800
3,970	5/32	6,0	136,0	96,0	36,0	6511 3.970
4,000		6,0	136,0	96,0	36,0	6511 4.000
4,200		6,0	158,0	118,0	36,0	6511 4.200
4,300		6,0	158,0	118,0	36,0	6511 4.300
4,370	11/64	6,0	158,0	118,0	36,0	6511 4.370
4,500		6,0	158,0	118,0	36,0	6511 4.500
4,600		6,0	158,0	118,0	36,0	6511 4.600
4,760	3/16	6,0	158,0	118,0	36,0	6511 4.760
4,800		6,0	158,0	118,0	36,0	6511 4.800
5,000		6,0	158,0	118,0	36,0	6511 5.000
5,100		6,0	180,0	140,0	36,0	6511 5.100
5,160	13/64	6,0	180,0	140,0	36,0	6511 5.160
5,410		6,0	180,0	140,0	36,0	6511 5.410
5,500		6,0	180,0	140,0	36,0	6511 5.500
5,560	7/32	6,0	180,0	140,0	36,0	6511 5.560
5,800		6,0	180,0	140,0	36,0	6511 5.800
5,950	15/64	6,0	180,0	140,0	36,0	6511 5.950
6,000		6,0	180,0	140,0	36,0	6511 6.000
6,300		8,0	202,0	162,0	36,0	6511 6.300
6,350	1/4	8,0	202,0	162,0	36,0	6511 6.350
6,500		8,0	202,0	162,0	36,0	6511 6.500
6,750	17/64	8,0	202,0	162,0	36,0	6511 6.750
6,800		8,0	202,0	162,0	36,0	6511 6.800
7,000		8,0	202,0	162,0	36,0	6511 7.000
7,140	9/32	8,0	223,0	183,0	36,0	6511 7.140
7,500		8,0	223,0	183,0	36,0	6511 7.500
7,540	19/64	8,0	223,0	183,0	36,0	6511 7.540

Artikel-Nr.		6511				
d1	inch	d2 h6	l1	l2	l3	Bestell-Nr.
7,800		8,0	223,0	183,0	36,0	6511 7.800
7,940	5/16	8,0	223,0	183,0	36,0	6511 7.940
8,000		8,0	223,0	183,0	36,0	6511 8.000
8,330	21/64	10,0	249,0	205,0	40,0	6511 8.330
8,500		10,0	249,0	205,0	40,0	6511 8.500
8,730	11/32	10,0	249,0	205,0	40,0	6511 8.730
8,800		10,0	249,0	205,0	40,0	6511 8.800
9,000		10,0	249,0	205,0	40,0	6511 9.000
9,130	23/64	10,0	271,0	227,0	40,0	6511 9.130
9,520	3/8	10,0	271,0	227,0	40,0	6511 9.520
9,920	25/64	10,0	271,0	227,0	40,0	6511 9.920
10,000		10,0	271,0	227,0	40,0	6511 10.000
10,200		12,0	302,0	253,0	45,0	6511 10.200
10,320	13/32	12,0	302,0	253,0	45,0	6511 10.320
10,500		12,0	302,0	253,0	45,0	6511 10.500
10,720	27/64	12,0	302,0	253,0	45,0	6511 10.720
11,000		12,0	302,0	253,0	45,0	6511 11.000
11,110	7/16	12,0	323,0	274,0	45,0	6511 11.110
11,510	29/64	12,0	323,0	274,0	45,0	6511 11.510
11,800		12,0	323,0	274,0	45,0	6511 11.800
11,910	15/32	12,0	323,0	274,0	45,0	6511 11.910
12,000		12,0	323,0	274,0	45,0	6511 12.000
12,300	31/64	14,0	367,0	318,0	45,0	6511 12.300
12,500		14,0	367,0	318,0	45,0	6511 12.500
12,700	1/2	14,0	367,0	318,0	45,0	6511 12.700
13,000		14,0	367,0	318,0	45,0	6511 13.000
13,100	33/64	14,0	367,0	318,0	45,0	6511 13.100
13,490	17/32	14,0	367,0	318,0	45,0	6511 13.490
13,890	35/64	14,0	367,0	318,0	45,0	6511 13.890
14,000		14,0	367,0	318,0	45,0	6511 14.000
14,290	9/16	16,0	413,0	361,0	48,0	6511 14.290
15,000		16,0	413,0	361,0	48,0	6511 15.000
15,870	5/8	16,0	413,0	361,0	48,0	6511 15.870
16,000		16,0	413,0	361,0	48,0	6511 16.000

Ratiobohrer mit Kühlkanälen

Artikel-Nr. **6512**

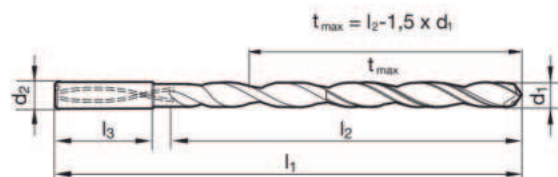


Schnittwerte siehe Seite 422



P	M	K	N	S	H
●	●	●	○	○	○

Ausspitzung ≥ Ø 3,000 • Hauptschneidenform konkav • optimierter Nutquerschnitt • maximaler Kühlkanalquerschnitt
• Kühlmitteldruck beachten



Artikel-Nr. **6512**

Artikel-Nr. **6512**

d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
3,000		6,0	125,0	85,0	36,0	6512 3.000
3,100		6,0	141,0	101,0	36,0	6512 3.100
3,170	1/8	6,0	141,0	101,0	36,0	6512 3.170
3,200		6,0	141,0	101,0	36,0	6512 3.200
3,300		6,0	141,0	101,0	36,0	6512 3.300
3,500		6,0	156,0	116,0	36,0	6512 3.500
3,570	9/64	6,0	156,0	116,0	36,0	6512 3.570
3,700		6,0	156,0	116,0	36,0	6512 3.700
3,800		6,0	156,0	116,0	36,0	6512 3.800
3,970	5/32	6,0	156,0	116,0	36,0	6512 3.970
4,000		6,0	156,0	116,0	36,0	6512 4.000
4,200		6,0	183,0	143,0	36,0	6512 4.200
4,300		6,0	183,0	143,0	36,0	6512 4.300
4,370	11/64	6,0	183,0	143,0	36,0	6512 4.370
4,500		6,0	183,0	143,0	36,0	6512 4.500
4,600		6,0	183,0	143,0	36,0	6512 4.600
4,760	3/16	6,0	183,0	143,0	36,0	6512 4.760
4,800		6,0	183,0	143,0	36,0	6512 4.800
5,000		6,0	183,0	143,0	36,0	6512 5.000
5,100		6,0	210,0	170,0	36,0	6512 5.100
5,160	13/64	6,0	210,0	170,0	36,0	6512 5.160
5,410		6,0	210,0	170,0	36,0	6512 5.410
5,500		6,0	210,0	170,0	36,0	6512 5.500
5,560	7/32	6,0	210,0	170,0	36,0	6512 5.560
5,800		6,0	210,0	170,0	36,0	6512 5.800
5,950	15/64	6,0	210,0	170,0	36,0	6512 5.950
6,000		6,0	210,0	170,0	36,0	6512 6.000
6,300		8,0	237,0	197,0	36,0	6512 6.300
6,350	1/4	8,0	237,0	197,0	36,0	6512 6.350
6,500		8,0	237,0	197,0	36,0	6512 6.500
6,750	17/64	8,0	237,0	197,0	36,0	6512 6.750
6,800		8,0	237,0	197,0	36,0	6512 6.800
7,000		8,0	237,0	197,0	36,0	6512 7.000
7,140	9/32	8,0	263,0	223,0	36,0	6512 7.140
7,500		8,0	263,0	223,0	36,0	6512 7.500
7,540	19/64	8,0	263,0	223,0	36,0	6512 7.540

d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
7,940	5/16	8,0	263,0	223,0	36,0	6512 7.940
8,000		8,0	263,0	223,0	36,0	6512 8.000
8,330	21/64	10,0	294,0	250,0	40,0	6512 8.330
8,500		10,0	294,0	250,0	40,0	6512 8.500
8,730	11/32	10,0	294,0	250,0	40,0	6512 8.730
8,800		10,0	294,0	250,0	40,0	6512 8.800
9,000		10,0	294,0	250,0	40,0	6512 9.000
9,130	23/64	10,0	321,0	277,0	40,0	6512 9.130
9,520	3/8	10,0	321,0	277,0	40,0	6512 9.520
9,920	25/64	10,0	321,0	277,0	40,0	6512 9.920
10,000		10,0	321,0	277,0	40,0	6512 10.000
10,320	13/32	12,0	359,0	310,0	45,0	6512 10.320
10,720	27/64	12,0	359,0	310,0	45,0	6512 10.720
11,000		12,0	359,0	310,0	45,0	6512 11.000
11,110	7/16	12,0	386,0	337,0	45,0	6512 11.110
11,510	29/64	12,0	386,0	337,0	45,0	6512 11.510
11,910	15/32	12,0	386,0	337,0	45,0	6512 11.910
12,000		12,0	386,0	337,0	45,0	6512 12.000
12,300	31/64	14,0	437,0	388,0	45,0	6512 12.300
12,700	1/2	14,0	437,0	388,0	45,0	6512 12.700
13,000		14,0	437,0	388,0	45,0	6512 13.000
13,100	33/64	14,0	437,0	388,0	45,0	6512 13.100
13,490	17/32	14,0	437,0	388,0	45,0	6512 13.490
13,890	35/64	14,0	437,0	388,0	45,0	6512 13.890
14,000		14,0	437,0	388,0	45,0	6512 14.000
14,290	9/16	16,0	493,0	441,0	48,0	6512 14.290
15,000		16,0	493,0	441,0	48,0	6512 15.000
15,870	5/8	16,0	493,0	441,0	48,0	6512 15.870
16,000		16,0	493,0	441,0	48,0	6512 16.000

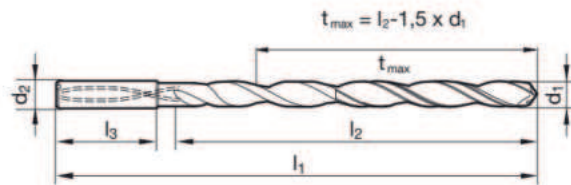
Vollhartmetall-Bohrer



Schnittwerte siehe Seite 423



Ausspitzung $\geq \varnothing 3,000$ • Hauptschneidenform konkav • optimierter Nutquerschnitt • maximaler Kühlkanalquerschnitt
 • Kühlmitteldruck beachten



Artikel-Nr. 6513

Artikel-Nr. 6513

d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
3,000		6,0	140,0	100,0	36,0	6513 3.000
3,100		6,0	158,0	118,0	36,0	6513 3.100
3,170	1/8	6,0	158,0	118,0	36,0	6513 3.170
3,200		6,0	158,0	118,0	36,0	6513 3.200
3,300		6,0	158,0	118,0	36,0	6513 3.300
3,500		6,0	176,0	136,0	36,0	6513 3.500
3,570	9/64	6,0	176,0	136,0	36,0	6513 3.570
3,700		6,0	176,0	136,0	36,0	6513 3.700
3,800		6,0	176,0	136,0	36,0	6513 3.800
3,970	5/32	6,0	176,0	136,0	36,0	6513 3.970
4,000		6,0	176,0	136,0	36,0	6513 4.000
4,200		6,0	208,0	168,0	36,0	6513 4.200
4,370	11/64	6,0	208,0	168,0	36,0	6513 4.370
4,500		6,0	208,0	168,0	36,0	6513 4.500
4,760	3/16	6,0	208,0	168,0	36,0	6513 4.760
5,000		6,0	208,0	168,0	36,0	6513 5.000
5,100		6,0	240,0	200,0	36,0	6513 5.100
5,160	13/64	6,0	240,0	200,0	36,0	6513 5.160
5,410		6,0	240,0	200,0	36,0	6513 5.410
5,500		6,0	240,0	200,0	36,0	6513 5.500
5,560	7/32	6,0	240,0	200,0	36,0	6513 5.560
5,950	15/64	6,0	240,0	200,0	36,0	6513 5.950
6,000		6,0	240,0	200,0	36,0	6513 6.000
6,300		8,0	272,0	232,0	36,0	6513 6.300
6,350	1/4	8,0	272,0	232,0	36,0	6513 6.350
6,500		8,0	272,0	232,0	36,0	6513 6.500
6,750	17/64	8,0	272,0	232,0	36,0	6513 6.750
6,800		8,0	272,0	232,0	36,0	6513 6.800
7,000		8,0	272,0	232,0	36,0	6513 7.000
7,140	9/32	8,0	303,0	263,0	36,0	6513 7.140

d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
7,500		8,0	303,0	263,0	36,0	6513 7.500
7,540	19/64	8,0	303,0	263,0	36,0	6513 7.540
7,940	5/16	8,0	303,0	263,0	36,0	6513 7.940
8,000		8,0	303,0	263,0	36,0	6513 8.000
8,330	21/64	10,0	339,0	295,0	40,0	6513 8.330
8,500		10,0	339,0	295,0	40,0	6513 8.500
8,730	11/32	10,0	339,0	295,0	40,0	6513 8.730
8,800		10,0	339,0	295,0	40,0	6513 8.800
9,000		10,0	339,0	295,0	40,0	6513 9.000
9,130	23/64	10,0	371,0	327,0	40,0	6513 9.130
9,520	3/8	10,0	371,0	327,0	40,0	6513 9.520
9,920	25/64	10,0	371,0	327,0	40,0	6513 9.920
10,000		10,0	371,0	327,0	40,0	6513 10.000
10,320	13/32	12,0	412,0	363,0	45,0	6513 10.320
10,720	27/64	12,0	412,0	363,0	45,0	6513 10.720
11,000		12,0	412,0	363,0	45,0	6513 11.000
11,110	7/16	12,0	443,0	394,0	45,0	6513 11.110
11,510	29/64	12,0	443,0	394,0	45,0	6513 11.510
11,910	15/32	12,0	443,0	394,0	45,0	6513 11.910
12,000		12,0	443,0	394,0	45,0	6513 12.000
12,300	31/64	14,0	507,0	458,0	45,0	6513 12.300
12,700	1/2	14,0	507,0	458,0	45,0	6513 12.700
13,000		14,0	507,0	458,0	45,0	6513 13.000
13,100	33/64	14,0	507,0	458,0	45,0	6513 13.100
13,490	17/32	14,0	507,0	458,0	45,0	6513 13.490
13,890	35/64	14,0	507,0	458,0	45,0	6513 13.890
14,000		14,0	507,0	458,0	45,0	6513 14.000

Ratiobohrer mit Kühlkanälen

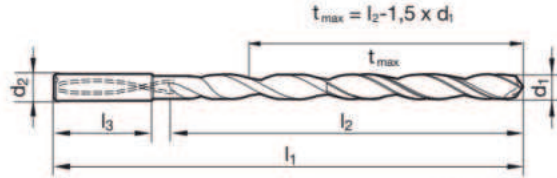
Artikel-Nr. 6514



Schnittwerte siehe Seite 424



Ausspitzung $\geq \varnothing 3,000$ • Hauptschneidenform konkav • optimierter Nutquerschnitt • maximaler Kühlkanalquerschnitt
 • Kühlmitteldruck beachten



Artikel-Nr. 6514

Artikel-Nr. 6514

d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
3,000		6,0	170,0	130,0	36,0	6514 3.000
3,100		6,0	193,0	153,0	36,0	6514 3.100
3,170	1/8	6,0	193,0	153,0	36,0	6514 3.170
3,200		6,0	193,0	153,0	36,0	6514 3.200
3,300		6,0	193,0	153,0	36,0	6514 3.300
3,500		6,0	193,0	153,0	36,0	6514 3.500
3,570	9/64	6,0	216,0	176,0	36,0	6514 3.570
3,800		6,0	216,0	176,0	36,0	6514 3.800
3,970	5/32	6,0	216,0	176,0	36,0	6514 3.970
4,000		6,0	216,0	176,0	36,0	6514 4.000
4,200		6,0	238,0	198,0	36,0	6514 4.200
4,370	11/64	6,0	238,0	198,0	36,0	6514 4.370
4,500		6,0	238,0	198,0	36,0	6514 4.500
4,760	3/16	6,0	258,0	218,0	36,0	6514 4.760
5,000		6,0	258,0	218,0	36,0	6514 5.000
5,100		6,0	280,0	240,0	36,0	6514 5.100
5,160	13/64	6,0	280,0	240,0	36,0	6514 5.160
5,410		6,0	280,0	240,0	36,0	6514 5.410

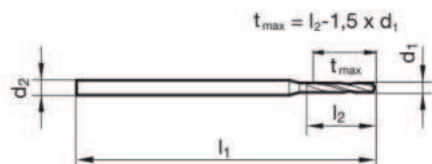
d1 mm	inch	d2 h6 mm	l1 mm	l2 mm	l3 mm	Bestell-Nr.
5,500		6,0	280,0	240,0	36,0	6514 5.500
5,560	7/32	6,0	300,0	260,0	36,0	6514 5.560
5,950	15/64	6,0	300,0	260,0	36,0	6514 5.950
6,000		6,0	300,0	260,0	36,0	6514 6.000
6,300		8,0	322,0	282,0	36,0	6514 6.300
6,350	1/4	8,0	322,0	282,0	36,0	6514 6.350
6,500		8,0	322,0	282,0	36,0	6514 6.500
6,750	17/64	8,0	342,0	302,0	36,0	6514 6.750
6,800		8,0	342,0	302,0	36,0	6514 6.800
7,000		8,0	342,0	302,0	36,0	6514 7.000
7,140	9/32	8,0	363,0	323,0	36,0	6514 7.140
7,500		8,0	363,0	323,0	36,0	6514 7.500
7,540	19/64	8,0	383,0	343,0	36,0	6514 7.540
7,940	5/16	8,0	383,0	343,0	36,0	6514 7.940
8,000		8,0	383,0	343,0	36,0	6514 8.000
8,500		10,0	409,0	365,0	40,0	6514 8.500
9,000		10,0	429,0	386,0	40,0	6514 9.000
10,000		10,0	471,0	427,0	40,0	6514 10.000



Schnittwerte siehe Seite 388



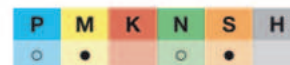
Ausspitzung $\geq \varnothing 0,500$ • Flächenanschliff • Hauptschneidenform leicht konkav • optimierte Schneidengeometrie



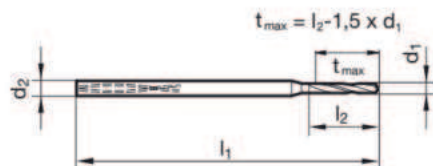
Artikel-Nr.				6487	Artikel-Nr.				6487
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.	d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
0,500	3,0	38,0	2,8	6487 0.500	1,700	4,0	46,0	9,4	6487 1.700
0,550	3,0	38,0	3,1	6487 0.550	1,750	4,0	46,0	9,7	6487 1.750
0,600	3,0	38,0	3,3	6487 0.600	1,800	4,0	46,0	9,9	6487 1.800
0,650	3,0	38,0	3,6	6487 0.650	1,850	4,0	46,0	10,2	6487 1.850
0,660	3,0	38,0	3,7	6487 0.660	1,900	4,0	46,0	10,5	6487 1.900
0,700	3,0	38,0	3,9	6487 0.700	1,950	4,0	46,0	10,8	6487 1.950
0,740	3,0	38,0	4,1	6487 0.740	1,980	4,0	46,0	10,9	6487 1.980
0,750	3,0	38,0	4,2	6487 0.750	2,000	4,0	46,0	11,0	6487 2.000
0,790	3,0	38,0	4,4	6487 0.790	2,050	4,0	46,0	11,3	6487 2.050
0,800	3,0	38,0	4,4	6487 0.800	2,100	4,0	50,0	11,6	6487 2.100
0,820	3,0	38,0	4,6	6487 0.820	2,150	4,0	50,0	11,9	6487 2.150
0,850	3,0	38,0	4,7	6487 0.850	2,200	4,0	50,0	12,1	6487 2.200
0,900	3,0	38,0	5,0	6487 0.900	2,250	4,0	50,0	12,4	6487 2.250
0,950	3,0	38,0	5,3	6487 0.950	2,300	4,0	50,0	12,7	6487 2.300
1,000	3,0	38,0	5,5	6487 1.000	2,350	4,0	50,0	13,0	6487 2.350
1,020	3,0	38,0	5,7	6487 1.020	2,380	4,0	50,0	13,1	6487 2.380
1,050	3,0	38,0	5,8	6487 1.050	2,400	4,0	50,0	13,2	6487 2.400
1,100	3,0	38,0	6,1	6487 1.100	2,450	4,0	50,0	13,5	6487 2.450
1,150	3,0	38,0	6,4	6487 1.150	2,500	4,0	50,0	13,8	6487 2.500
1,180	3,0	38,0	6,5	6487 1.180	2,550	4,0	50,0	14,1	6487 2.550
1,190	3,0	38,0	6,6	6487 1.190	2,600	4,0	50,0	14,3	6487 2.600
1,200	3,0	38,0	6,6	6487 1.200	2,650	4,0	50,0	14,6	6487 2.650
1,250	3,0	38,0	6,9	6487 1.250	2,700	4,0	50,0	14,9	6487 2.700
1,280	3,0	38,0	7,1	6487 1.280	2,750	4,0	50,0	15,2	6487 2.750
1,300	3,0	38,0	7,2	6487 1.300	2,780	4,0	50,0	15,3	6487 2.780
1,350	3,0	38,0	7,5	6487 1.350	2,800	4,0	50,0	15,4	6487 2.800
1,400	4,0	46,0	7,7	6487 1.400	2,850	4,0	50,0	15,7	6487 2.850
1,450	4,0	46,0	8,0	6487 1.450	2,900	4,0	50,0	16,0	6487 2.900
1,460	4,0	46,0	8,1	6487 1.460	2,950	4,0	50,0	16,3	6487 2.950
1,500	4,0	46,0	8,3	6487 1.500	3,000	4,0	50,0	16,5	6487 3.000
1,550	4,0	46,0	8,6	6487 1.550					
1,560	4,0	46,0	8,6	6487 1.560					
1,590	4,0	46,0	8,8	6487 1.590					
1,600	4,0	46,0	8,8	6487 1.600					
1,650	4,0	46,0	9,1	6487 1.650					
1,660	4,0	46,0	9,2	6487 1.660					



Schnittwerte siehe Seite 389



Ausspitzung $\geq \varnothing 1,000$ • Flächenanschliff • Hauptschneidenform leicht konkav • optimierte Schneidengeometrie



Artikel-Nr.				6488	Artikel-Nr.				6488
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.	d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
1,000	3,0	38,0	5,5	6488 1.000	2,050	4,0	46,0	11,3	6488 2.050
1,020	3,0	38,0	5,7	6488 1.020	2,100	4,0	50,0	11,6	6488 2.100
1,050	3,0	38,0	5,8	6488 1.050	2,150	4,0	50,0	11,9	6488 2.150
1,100	3,0	38,0	6,1	6488 1.100	2,200	4,0	50,0	12,1	6488 2.200
1,150	3,0	38,0	6,4	6488 1.150	2,250	4,0	50,0	12,4	6488 2.250
1,180	3,0	38,0	6,5	6488 1.180	2,300	4,0	50,0	12,7	6488 2.300
1,190	3,0	38,0	6,6	6488 1.190	2,350	4,0	50,0	13,0	6488 2.350
1,200	3,0	38,0	6,6	6488 1.200	2,380	4,0	50,0	13,1	6488 2.380
1,250	3,0	38,0	6,9	6488 1.250	2,400	4,0	50,0	13,2	6488 2.400
1,280	3,0	38,0	7,1	6488 1.280	2,450	4,0	50,0	13,5	6488 2.450
1,300	3,0	38,0	7,2	6488 1.300	2,500	4,0	50,0	13,8	6488 2.500
1,350	3,0	38,0	7,5	6488 1.350	2,550	4,0	50,0	14,1	6488 2.550
1,400	4,0	46,0	7,7	6488 1.400	2,600	4,0	50,0	14,3	6488 2.600
1,450	4,0	46,0	8,0	6488 1.450	2,650	4,0	50,0	14,6	6488 2.650
1,460	4,0	46,0	8,1	6488 1.460	2,700	4,0	50,0	14,9	6488 2.700
1,500	4,0	46,0	8,3	6488 1.500	2,750	4,0	50,0	15,2	6488 2.750
1,550	4,0	46,0	8,6	6488 1.550	2,780	4,0	50,0	15,3	6488 2.780
1,560	4,0	46,0	8,6	6488 1.560	2,800	4,0	50,0	15,4	6488 2.800
1,590	4,0	46,0	8,8	6488 1.590	2,850	4,0	50,0	15,7	6488 2.850
1,600	4,0	46,0	8,8	6488 1.600	2,900	4,0	50,0	16,0	6488 2.900
1,650	4,0	46,0	9,1	6488 1.650	2,950	4,0	50,0	16,3	6488 2.950
1,660	4,0	46,0	9,2	6488 1.660	3,000	4,0	50,0	16,5	6488 3.000
1,700	4,0	46,0	9,4	6488 1.700					
1,750	4,0	46,0	9,7	6488 1.750					
1,800	4,0	46,0	9,9	6488 1.800					
1,850	4,0	46,0	10,2	6488 1.850					
1,900	4,0	46,0	10,5	6488 1.900					
1,950	4,0	46,0	10,8	6488 1.950					
1,980	4,0	46,0	10,9	6488 1.980					
2,000	4,0	46,0	11,0	6488 2.000					

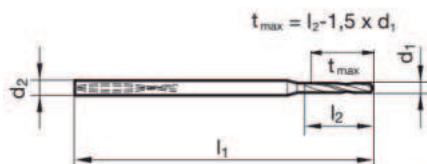


Schnittwerte siehe Seite 389



P	M	K	N	S	H
○	●	○	●	○	●

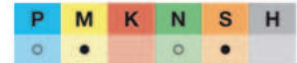
Ausspitzung ≥ Ø 1,000 • Flächenanschliff • Hauptschneidenform leicht konkav • optimierte Schneidengeometrie



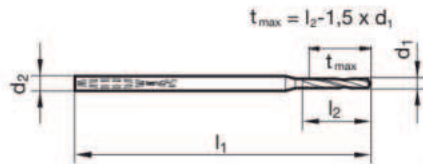
Artikel-Nr.				6489	Artikel-Nr.				6489
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.	d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
1,000	3,0	48,0	9,0	6489 1.000	2,050	4,0	61,0	18,5	6489 2.050
1,050	3,0	48,0	9,5	6489 1.050	2,100	4,0	66,0	18,9	6489 2.100
1,100	3,0	48,0	9,9	6489 1.100	2,150	4,0	66,0	19,4	6489 2.150
1,150	3,0	48,0	10,4	6489 1.150	2,200	4,0	66,0	19,8	6489 2.200
1,190	3,0	48,0	10,8	6489 1.190	2,250	4,0	66,0	20,3	6489 2.250
1,200	3,0	51,0	10,8	6489 1.200	2,300	4,0	66,0	20,7	6489 2.300
1,250	3,0	51,0	11,3	6489 1.250	2,350	4,0	66,0	21,2	6489 2.350
1,300	3,0	51,0	11,7	6489 1.300	2,380	4,0	66,0	21,5	6489 2.380
1,350	3,0	51,0	12,2	6489 1.350	2,400	4,0	66,0	21,6	6489 2.400
1,400	4,0	56,0	12,6	6489 1.400	2,450	4,0	66,0	22,1	6489 2.450
1,450	4,0	56,0	13,1	6489 1.450	2,500	4,0	66,0	22,5	6489 2.500
1,500	4,0	56,0	13,5	6489 1.500	2,550	4,0	66,0	23,0	6489 2.550
1,550	4,0	56,0	14,0	6489 1.550	2,600	4,0	71,0	23,4	6489 2.600
1,590	4,0	56,0	14,4	6489 1.590	2,650	4,0	71,0	23,9	6489 2.650
1,600	4,0	56,0	14,4	6489 1.600	2,700	4,0	71,0	24,3	6489 2.700
1,650	4,0	56,0	14,9	6489 1.650	2,750	4,0	71,0	24,8	6489 2.750
1,700	4,0	61,0	15,3	6489 1.700	2,780	4,0	71,0	25,1	6489 2.780
1,750	4,0	61,0	15,8	6489 1.750	2,800	4,0	71,0	25,2	6489 2.800
1,800	4,0	61,0	16,2	6489 1.800	2,850	4,0	71,0	25,7	6489 2.850
1,850	4,0	61,0	16,7	6489 1.850	2,900	4,0	71,0	26,1	6489 2.900
1,900	4,0	61,0	17,1	6489 1.900	2,950	4,0	71,0	26,6	6489 2.950
1,950	4,0	61,0	17,6	6489 1.950	3,000	4,0	71,0	27,0	6489 3.000
1,980	4,0	61,0	17,9	6489 1.980					
2,000	4,0	61,0	18,0	6489 2.000					



Schnittwerte siehe Seite 390



Ausspitzung $\geq \varnothing 1,000$ • Flächenanschliff • Hauptschneidenform leicht konkav • optimierte Schneidengeometrie



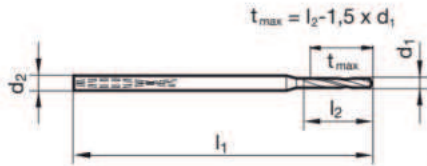
Artikel-Nr. 6490					Artikel-Nr. 6490				
d1	d2 h6	l1	l2	Bestell-Nr.	d1	d2 h6	l1	l2	Bestell-Nr.
mm	mm	mm	mm		mm	mm	mm	mm	
1,000	3,0	48,0	13,0	6490 1.000	2,050	4,0	61,0	26,7	6490 2.050
1,050	3,0	48,0	13,7	6490 1.050	2,100	4,0	66,0	27,3	6490 2.100
1,100	3,0	48,0	14,3	6490 1.100	2,150	4,0	66,0	28,0	6490 2.150
1,150	3,0	48,0	15,0	6490 1.150	2,200	4,0	66,0	28,6	6490 2.200
1,190	3,0	48,0	15,5	6490 1.190	2,250	4,0	66,0	29,3	6490 2.250
1,200	3,0	51,0	15,6	6490 1.200	2,300	4,0	66,0	29,9	6490 2.300
1,250	3,0	51,0	16,3	6490 1.250	2,350	4,0	66,0	30,6	6490 2.350
1,300	3,0	51,0	16,9	6490 1.300	2,380	4,0	66,0	31,0	6490 2.380
1,350	3,0	51,0	17,6	6490 1.350	2,400	4,0	66,0	31,2	6490 2.400
1,400	4,0	56,0	18,2	6490 1.400	2,450	4,0	66,0	31,9	6490 2.450
1,450	4,0	56,0	18,9	6490 1.450	2,500	4,0	66,0	32,5	6490 2.500
1,500	4,0	56,0	19,5	6490 1.500	2,550	4,0	66,0	33,2	6490 2.550
1,550	4,0	56,0	20,2	6490 1.550	2,600	4,0	71,0	33,8	6490 2.600
1,590	4,0	56,0	20,7	6490 1.590	2,650	4,0	71,0	34,5	6490 2.650
1,600	4,0	56,0	20,8	6490 1.600	2,700	4,0	71,0	35,1	6490 2.700
1,650	4,0	56,0	21,5	6490 1.650	2,750	4,0	71,0	35,8	6490 2.750
1,700	4,0	61,0	22,1	6490 1.700	2,780	4,0	71,0	36,2	6490 2.780
1,750	4,0	61,0	22,8	6490 1.750	2,800	4,0	71,0	36,4	6490 2.800
1,800	4,0	61,0	23,4	6490 1.800	2,850	4,0	71,0	37,1	6490 2.850
1,850	4,0	61,0	24,1	6490 1.850	2,900	4,0	71,0	37,7	6490 2.900
1,900	4,0	61,0	24,7	6490 1.900	2,950	4,0	71,0	38,4	6490 2.950
1,950	4,0	61,0	25,4	6490 1.950	3,000	4,0	71,0	39,0	6490 3.000
1,980	4,0	61,0	25,8	6490 1.980					
2,000	4,0	61,0	26,0	6490 2.000					



Schnittwerte siehe Seite 390



Ausspitzung $\geq \varnothing 1,000$ • Flächenanschliff • Hauptschneidenform leicht konkav • optimierte Schneidengeometrie



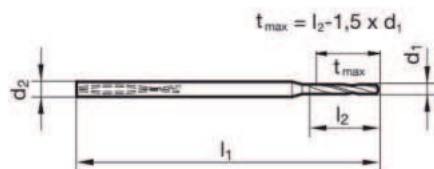
Artikel-Nr.				6491	Artikel-Nr.				6491
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.	d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
1,000	3,0	54,0	18,0	6491 1.000	2,050	4,0	71,0	36,9	6491 2.050
1,050	3,0	54,0	18,9	6491 1.050	2,100	4,0	79,0	37,8	6491 2.100
1,100	3,0	54,0	19,8	6491 1.100	2,150	4,0	79,0	38,7	6491 2.150
1,150	3,0	54,0	20,7	6491 1.150	2,200	4,0	79,0	39,6	6491 2.200
1,190	3,0	54,0	21,5	6491 1.190	2,250	4,0	79,0	40,5	6491 2.250
1,200	3,0	58,0	21,6	6491 1.200	2,300	4,0	79,0	41,4	6491 2.300
1,250	3,0	58,0	22,5	6491 1.250	2,350	4,0	79,0	42,3	6491 2.350
1,300	3,0	58,0	23,4	6491 1.300	2,380	4,0	79,0	42,9	6491 2.380
1,350	3,0	58,0	24,3	6491 1.350	2,400	4,0	79,0	43,2	6491 2.400
1,400	4,0	64,0	25,2	6491 1.400	2,450	4,0	79,0	44,1	6491 2.450
1,450	4,0	64,0	26,1	6491 1.450	2,500	4,0	79,0	45,0	6491 2.500
1,500	4,0	64,0	27,0	6491 1.500	2,550	4,0	79,0	45,9	6491 2.550
1,550	4,0	64,0	27,9	6491 1.550	2,600	4,0	87,0	46,8	6491 2.600
1,590	4,0	64,0	28,7	6491 1.590	2,650	4,0	87,0	47,7	6491 2.650
1,600	4,0	64,0	28,8	6491 1.600	2,700	4,0	87,0	48,6	6491 2.700
1,650	4,0	64,0	29,7	6491 1.650	2,750	4,0	87,0	49,5	6491 2.750
1,700	4,0	71,0	30,6	6491 1.700	2,780	4,0	87,0	50,1	6491 2.780
1,750	4,0	71,0	31,5	6491 1.750	2,800	4,0	87,0	50,4	6491 2.800
1,800	4,0	71,0	32,4	6491 1.800	2,850	4,0	87,0	51,3	6491 2.850
1,850	4,0	71,0	33,3	6491 1.850	2,900	4,0	87,0	52,2	6491 2.900
1,900	4,0	71,0	34,2	6491 1.900	2,950	4,0	87,0	53,1	6491 2.950
1,950	4,0	71,0	35,1	6491 1.950	3,000	4,0	87,0	54,0	6491 3.000
1,980	4,0	71,0	35,7	6491 1.980					
2,000	4,0	71,0	36,0	6491 2.000					



Schnittwerte siehe Seite 391



Flächenanschliff • Hauptschneidenform gerade • mit Hauptschneidenabzug



Artikel-Nr.				6493
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
1,000	3,0	59,0	23,0	6493 1.000
1,050	3,0	59,0	24,2	6493 1.050
1,100	3,0	59,0	25,3	6493 1.100
1,150	3,0	63,0	26,5	6493 1.150
1,190	3,0	63,0	27,4	6493 1.190
1,200	3,0	63,0	27,6	6493 1.200
1,250	3,0	63,0	28,8	6493 1.250
1,300	3,0	68,0	29,9	6493 1.300
1,350	3,0	68,0	31,1	6493 1.350
1,400	4,0	70,0	32,2	6493 1.400
1,450	4,0	70,0	33,4	6493 1.450
1,500	4,0	70,0	34,5	6493 1.500
1,550	4,0	70,0	35,7	6493 1.550
1,590	4,0	70,0	36,6	6493 1.590
1,600	4,0	70,0	36,8	6493 1.600
1,650	4,0	70,0	38,0	6493 1.650
1,700	4,0	79,0	39,4	6493 1.700
1,750	4,0	79,0	40,3	6493 1.750
1,800	4,0	79,0	41,4	6493 1.800
1,850	4,0	79,0	42,6	6493 1.850
1,900	4,0	79,0	43,7	6493 1.900
1,950	4,0	79,0	44,9	6493 1.950
1,980	4,0	79,0	45,6	6493 1.980
2,000	4,0	79,0	46,0	6493 2.000

Artikel-Nr.				6493
d1 mm	d2 h6 mm	l1 mm	l2 mm	Bestell-Nr.
2,050	4,0	79,0	47,2	6493 2.050
2,100	4,0	91,0	48,3	6493 2.100
2,150	4,0	91,0	49,5	6493 2.150
2,200	4,0	91,0	50,6	6493 2.200
2,250	4,0	91,0	51,8	6493 2.250
2,300	4,0	91,0	52,9	6493 2.300
2,320	4,0	91,0	54,1	6493 2.320
2,350	4,0	91,0	54,1	6493 2.350
2,380	4,0	91,0	54,8	6493 2.380
2,400	4,0	91,0	55,2	6493 2.400
2,450	4,0	91,0	56,4	6493 2.450
2,500	4,0	91,0	57,5	6493 2.500
2,550	4,0	91,0	58,7	6493 2.550
2,600	4,0	102,0	59,8	6493 2.600
2,650	4,0	102,0	61,0	6493 2.650
2,700	4,0	102,0	62,1	6493 2.700
2,750	4,0	102,0	63,3	6493 2.750
2,780	4,0	102,0	64,0	6493 2.780
2,800	4,0	102,0	64,4	6493 2.800
2,850	4,0	102,0	65,6	6493 2.850
2,900	4,0	102,0	66,7	6493 2.900
2,950	4,0	102,0	67,9	6493 2.950
3,000	4,0	102,0	69,0	6493 3.000