

# TYPHOON GA-HGA

DE

Hochleistungs-  
Hartmetallbohrer 3xD, 5xD,  
8xD



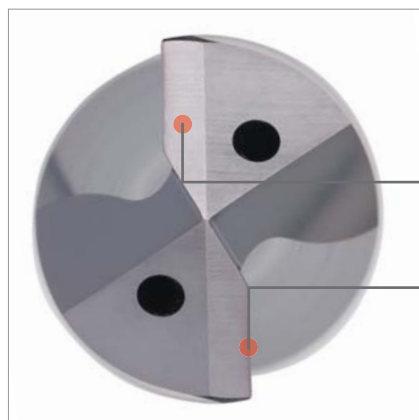
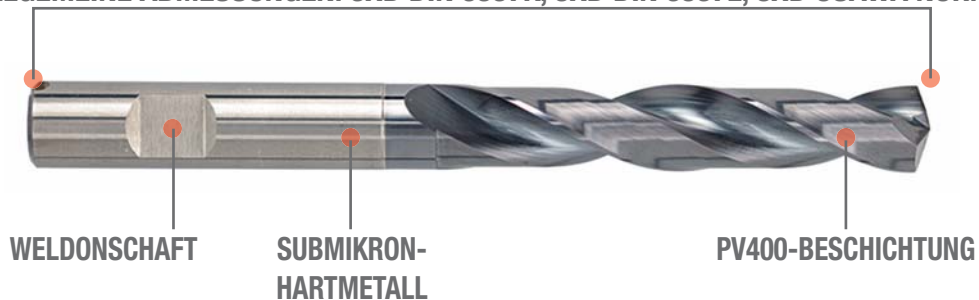
**SORMA | ST**  
SOLID TOOLS - OSAWA

# GA-HGA

Hochleistung - universelle Anwendung

## Merkmale der GA-HGA Bohrer

ALLGEMEINE ABMESSUNGEN: 3XD DIN 6537K, 5XD DIN 6537L, 8XD OSAWA NORM



# GA-HGA

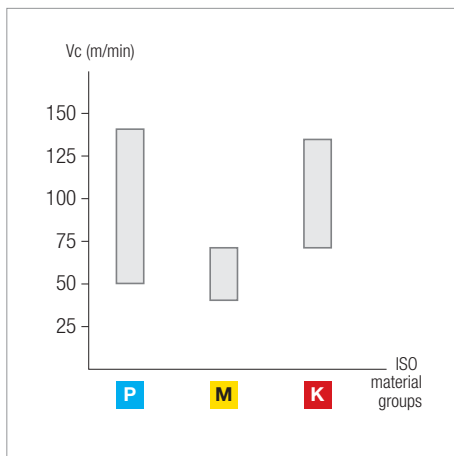
Hochleistung - universelle Anwendung

## Merkmale und Vorteile

- Selbstzentrierende Geometrie für präzise Bohrungen
- Hergestellt aus Submikron-Hartmetall und neuer PV400-Beschichtung für bessere Verschleißfestigkeit (niedrigere Kosten pro Bohrung).
- Gerades Schneidkantendesign und einzigartige Kantenbehandlungstechnologie ermöglichen höhere Prozesssicherheit.
- Breites Nutendesign für reibungslose Spanabfuhr
- Optimierter Kerndurchmesser garantiert die Geradheit der Bohrung

## Anwendungsbereich - ISO 513

**P M K**

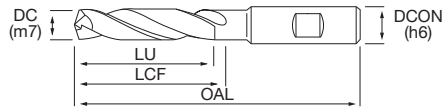


## Anwendungsbereich - ISO 513

<b>Werkzeugtyp</b>	373HGA
<b>Werkstück</b>	W.-Nr 1.0401 C15
<b>Parameter</b>	Vc 85 m/min, fn 0,18 mm/rev
<b>Durchmesser</b>	6,6 mm
<b>Kühlmittel</b>	internal
<b>Bohrungstiefe</b>	12 mm
<b>Bearbeitungszeit</b>	
<b>OSAWA</b>	<b>+60%</b>
Wettbewerber A	
Wettbewerber B	
Wettbewerber C	

# 373GA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

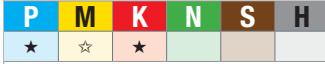
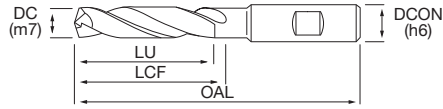


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
3	+0.012/+0.002	6	h6	14	20	62	373GA0300N	●
3.1	+0.016/+0.004	6	h6	14	20	62	373GA0310N	●
3.2	+0.016/+0.004	6	h6	14	20	62	373GA0320N	●
3.3	+0.016/+0.004	6	h6	14	20	62	373GA0330N	●
3.4	+0.016/+0.004	6	h6	14	20	62	373GA0340N	●
3.5	+0.016/+0.004	6	h6	14	20	62	373GA0350N	●
3.6	+0.016/+0.004	6	h6	14	20	62	373GA0360N	●
3.7	+0.016/+0.004	6	h6	14	20	62	373GA0370N	●
3.8	+0.016/+0.004	6	h6	17	24	66	373GA0380N	●
3.9	+0.016/+0.004	6	h6	17	24	66	373GA0390N	●
4	+0.016/+0.004	6	h6	17	24	66	373GA0400N	●
4.1	+0.016/+0.004	6	h6	17	24	66	373GA0410N	●
4.2	+0.016/+0.004	6	h6	17	24	66	373GA0420N	●
4.3	+0.016/+0.004	6	h6	17	24	66	373GA0430N	●
4.4	+0.016/+0.004	6	h6	17	24	66	373GA0440N	●
4.5	+0.016/+0.004	6	h6	17	24	66	373GA0450N	●
4.6	+0.016/+0.004	6	h6	17	24	66	373GA0460N	●
4.7	+0.016/+0.004	6	h6	17	24	66	373GA0470N	●
4.8	+0.016/+0.004	6	h6	20	28	66	373GA0480N	●
4.9	+0.016/+0.004	6	h6	20	28	66	373GA0490N	●
5	+0.016/+0.004	6	h6	20	28	66	373GA0500N	●
5.1	+0.016/+0.004	6	h6	20	28	66	373GA0510N	●
5.2	+0.016/+0.004	6	h6	20	28	66	373GA0520N	●
5.3	+0.016/+0.004	6	h6	20	28	66	373GA0530N	●
5.4	+0.016/+0.004	6	h6	20	28	66	373GA0540N	●
5.5	+0.016/+0.004	6	h6	20	28	66	373GA0550N	●
5.6	+0.016/+0.004	6	h6	20	28	66	373GA0560N	●
5.7	+0.016/+0.004	6	h6	20	28	66	373GA0570N	●
5.8	+0.016/+0.004	6	h6	20	28	66	373GA0580N	●
5.9	+0.016/+0.004	6	h6	20	28	66	373GA0590N	●
6	+0.016/+0.004	6	h6	20	28	66	373GA0600N	●
6.1	+0.021/+0.006	8	h6	24	34	79	373GA0610N	●
6.2	+0.021/+0.006	8	h6	24	34	79	373GA0620N	●
6.3	+0.021/+0.006	8	h6	24	34	79	373GA0630N	●
6.4	+0.021/+0.006	8	h6	24	34	79	373GA0640N	●
6.5	+0.021/+0.006	8	h6	24	34	79	373GA0650N	●
6.6	+0.021/+0.006	8	h6	24	34	79	373GA0660N	●
6.7	+0.021/+0.006	8	h6	24	34	79	373GA0670N	●
6.8	+0.021/+0.006	8	h6	24	34	79	373GA0680N	●
6.9	+0.021/+0.006	8	h6	24	34	79	373GA0690N	●
7	+0.021/+0.006	8	h6	24	34	79	373GA0700N	●
7.1	+0.021/+0.006	8	h6	29	41	79	373GA0710N	●
7.2	+0.021/+0.006	8	h6	29	41	79	373GA0720N	●
7.3	+0.021/+0.006	8	h6	29	41	79	373GA0730N	●
7.4	+0.021/+0.006	8	h6	29	41	79	373GA0740N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 373GA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

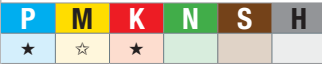
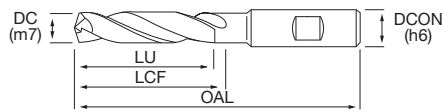


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
7.5	+0.021/+0.006	8	h6	29	41	79	373GA0750N	●
7.6	+0.021/+0.006	8	h6	29	41	79	373GA0760N	●
7.7	+0.021/+0.006	8	h6	29	41	79	373GA0770N	●
7.8	+0.021/+0.006	8	h6	29	41	79	373GA0780N	●
7.9	+0.021/+0.006	8	h6	29	41	79	373GA0790N	●
8	+0.021/+0.006	8	h6	29	41	79	373GA0800N	●
8.1	+0.021/+0.006	10	h6	35	47	89	373GA0810N	●
8.2	+0.021/+0.006	10	h6	35	47	89	373GA0820N	●
8.3	+0.021/+0.006	10	h6	35	47	89	373GA0830N	●
8.4	+0.021/+0.006	10	h6	35	47	89	373GA0840N	●
8.5	+0.021/+0.006	10	h6	35	47	89	373GA0850N	●
8.6	+0.021/+0.006	10	h6	35	47	89	373GA0860N	●
8.7	+0.021/+0.006	10	h6	35	47	89	373GA0870N	●
8.8	+0.021/+0.006	10	h6	35	47	89	373GA0880N	●
8.9	+0.021/+0.006	10	h6	35	47	89	373GA0890N	●
9	+0.021/+0.006	10	h6	35	47	89	373GA0900N	●
9.1	+0.021/+0.006	10	h6	35	47	89	373GA0910N	●
9.2	+0.021/+0.006	10	h6	35	47	89	373GA0920N	●
9.3	+0.021/+0.006	10	h6	35	47	89	373GA0930N	●
9.4	+0.021/+0.006	10	h6	35	47	89	373GA0940N	●
9.5	+0.021/+0.006	10	h6	35	47	89	373GA0950N	●
9.6	+0.021/+0.006	10	h6	35	47	89	373GA0960N	●
9.7	+0.021/+0.006	10	h6	35	47	89	373GA0970N	●
9.8	+0.021/+0.006	10	h6	35	47	89	373GA0980N	●
9.9	+0.021/+0.006	10	h6	35	47	89	373GA0990N	●
10	+0.021/+0.006	10	h6	35	47	89	373GA1000N	●
10.1	+0.025/+0.007	12	h6	40	55	102	373GA1010N	●
10.2	+0.025/+0.007	12	h6	40	55	102	373GA1020N	●
10.3	+0.025/+0.007	12	h6	40	55	102	373GA1030N	●
10.4	+0.025/+0.007	12	h6	40	55	102	373GA1040N	●
10.5	+0.025/+0.007	12	h6	40	55	102	373GA1050N	●
10.6	+0.025/+0.007	12	h6	40	55	102	373GA1060N	●
10.7	+0.025/+0.007	12	h6	40	55	102	373GA1070N	●
10.8	+0.025/+0.007	12	h6	40	55	102	373GA1080N	●
10.9	+0.025/+0.007	12	h6	40	55	102	373GA1090N	●
11	+0.025/+0.007	12	h6	40	55	102	373GA1100N	●
11.1	+0.025/+0.007	12	h6	40	55	102	373GA1110N	●
11.2	+0.025/+0.007	12	h6	40	55	102	373GA1120N	●
11.3	+0.025/+0.007	12	h6	40	55	102	373GA1130N	●
11.4	+0.025/+0.007	12	h6	40	55	102	373GA1140N	●
11.5	+0.025/+0.007	12	h6	40	55	102	373GA1150N	●
11.6	+0.025/+0.007	12	h6	40	55	102	373GA1160N	●
11.7	+0.025/+0.007	12	h6	40	55	102	373GA1170N	●
11.8	+0.025/+0.007	12	h6	40	55	102	373GA1180N	●
11.9	+0.025/+0.007	12	h6	40	55	102	373GA1190N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 373GA


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DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
12	+0.025/+0.007	12	h6	40	55	102	373GA1200N	●
12.1	+0.025/+0.007	14	h6	40	55	102	373GA1210N	◎
12.2	+0.025/+0.007	14	h6	43	60	107	373GA1220N	●
12.3	+0.025/+0.007	14	h6	43	60	107	373GA1230N	◎
12.4	+0.025/+0.007	14	h6	43	60	107	373GA1240N	◎
12.5	+0.025/+0.007	14	h6	43	60	107	373GA1250N	●
12.6	+0.025/+0.007	14	h6	43	60	107	373GA1260N	◎
12.7	+0.025/+0.007	14	h6	43	60	107	373GA1270N	●
12.8	+0.025/+0.007	14	h6	43	60	107	373GA1280N	●
12.9	+0.025/+0.007	14	h6	43	60	107	373GA1290N	◎
13	+0.025/+0.007	14	h6	43	60	107	373GA1300N	●
13.5	+0.025/+0.007	14	h6	43	60	107	373GA1350N	●
13.7	+0.025/+0.007	14	h6	43	60	107	373GA1370N	●
13.8	+0.025/+0.007	14	h6	43	60	107	373GA1380N	●
14	+0.025/+0.007	14	h6	43	60	107	373GA1400N	●
14.2	+0.025/+0.007	16	h6	45	65	115	373GA1420N	●
14.5	+0.025/+0.007	16	h6	45	65	115	373GA1450N	●
14.7	+0.025/+0.007	16	h6	45	65	115	373GA1470N	●
14.8	+0.025/+0.007	16	h6	45	65	115	373GA1480N	●
15	+0.025/+0.007	16	h6	45	65	115	373GA1500N	●
15.2	+0.025/+0.007	16	h6	49	65	115	373GA1520N	●
15.3	+0.025/+0.007	16	h6	49	65	115	373GA1530N	●
15.5	+0.025/+0.007	16	h6	49	65	115	373GA1550N	●
15.7	+0.025/+0.007	16	h6	49	65	115	373GA1570N	●
15.8	+0.025/+0.007	16	h6	49	65	115	373GA1580N	●
16	+0.025/+0.007	16	h6	49	65	115	373GA1600N	●
16.5	+0.025/+0.007	18	h6	52	73	123	373GA1650N	●
16.8	+0.025/+0.007	18	h6	52	73	123	373GA1680N	◎
17	+0.025/+0.007	18	h6	52	73	123	373GA1700N	●
17.5	+0.025/+0.007	18	h6	52	73	123	373GA1750N	●
17.7	+0.025/+0.007	18	h6	52	73	123	373GA1770N	◎
17.8	+0.025/+0.007	18	h6	52	73	123	373GA1780N	◎
18	+0.025/+0.007	18	h6	52	73	123	373GA1800N	●
18.5	+0.029/+0.008	20	h6	55	79	131	373GA1850N	●
18.8	+0.029/+0.008	20	h6	55	79	131	373GA1880N	◎
19	+0.029/+0.008	20	h6	55	79	131	373GA1900N	●
19.5	+0.029/+0.008	20	h6	55	79	131	373GA1950N	●
19.8	+0.029/+0.008	20	h6	55	79	131	373GA1980N	◎
20	+0.029/+0.008	20	h6	55	79	131	373GA2000N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion


373GA

	Werkstoffgruppe ISO 513	<b>P1</b>	<b>P2</b>	<b>P3 P4</b>	<b>P5 P6</b>	<b>P5</b>	<b>P7 P8</b>
	Härte/Rm	<500 N/mm <sup>2</sup>	500÷700 N/mm <sup>2</sup>	600÷1000 N/mm <sup>2</sup>	900÷1480 N/mm <sup>2</sup>	<750 N/mm <sup>2</sup>	850÷1200 N/mm <sup>2</sup>
	Vc (m/min)	<b>80÷120</b>	<b>70÷110</b>	<b>60÷100</b>	<b>55÷80</b>	<b>40÷60</b>	<b>35÷55</b>
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)
	3	0.143	0.143	0.124	0.105	0.076	0.057
	4	0.143	0.143	0.124	0.105	0.076	0.057
	6	0.181	0.181	0.162	0.133	0.114	0.095
	8	0.209	0.209	0.190	0.152	0.133	0.124
	10	0.209	0.209	0.190	0.152	0.133	0.124
	12	0.266	0.266	0.219	0.181	0.171	0.171
	14	0.304	0.304	0.238	0.209	0.190	0.190
	16	0.304	0.304	0.238	0.209	0.190	0.190
	18	0.361	0.361	0.285	0.228	0.228	0.228
20	0.361	0.361	0.285	0.228	0.228	0.228	

373GA

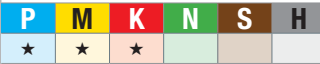
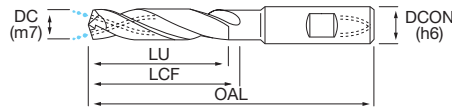
	Werkstoffgruppe ISO 513	<b>M1</b>	<b>M2</b>	<b>M3</b>			
	Härte/Rm	<750 N/mm <sup>2</sup>	550÷850 N/mm <sup>2</sup>	650÷950 N/mm <sup>2</sup>			
	Vc (m/min)	<b>40÷60</b>	<b>35÷55</b>	<b>25÷45</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.072	0.054	0.054			
	4	0.090	0.072	0.072			
	6	0.108	0.072	0.072			
	8	0.117	0.090	0.090			
	10	0.135	0.099	0.099			
	12	0.153	0.117	0.117			
	14	0.162	0.117	0.117			
	16	0.180	0.126	0.126			
	18	0.198	0.126	0.126			
20	0.216	0.144	0.144				

373GA

	Werkstoffgruppe ISO 513	<b>K1</b>	<b>K2</b>	<b>K3</b>			
	Härte/Rm	150÷250 HB	150÷350 HB	250÷500 HB			
	Vc (m/min)	<b>90÷110</b>	<b>70÷90</b>	<b>60÷80</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.162	0.143	0.086			
	4	0.190	0.162	0.095			
	6	0.238	0.190	0.124			
	8	0.257	0.238	0.152			
	10	0.285	0.266	0.190			
	12	0.314	0.285	0.209			
	14	0.342	0.314	0.228			
	16	0.380	0.333	0.247			
	18	0.399	0.361	0.266			
20	0.428	0.380	0.266				

# 373HGA

- Universelle Anwendung
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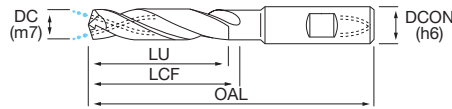


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
3	+0.012/+0.002	6	h6	14	20	62	373HGA0300N	●
3.1	+0.016/+0.004	6	h6	14	20	62	373HGA0310N	●
3.2	+0.016/+0.004	6	h6	14	20	62	373HGA0320N	●
3.3	+0.016/+0.004	6	h6	14	20	62	373HGA0330N	●
3.4	+0.016/+0.004	6	h6	14	20	62	373HGA0340N	●
3.5	+0.016/+0.004	6	h6	14	20	62	373HGA0350N	●
3.6	+0.016/+0.004	6	h6	14	20	62	373HGA0360N	●
3.7	+0.016/+0.004	6	h6	14	20	62	373HGA0370N	●
3.8	+0.016/+0.004	6	h6	17	24	66	373HGA0380N	●
3.9	+0.016/+0.004	6	h6	17	24	66	373HGA0390N	●
4	+0.016/+0.004	6	h6	17	24	66	373HGA0400N	●
4.1	+0.016/+0.004	6	h6	17	24	66	373HGA0410N	●
4.2	+0.016/+0.004	6	h6	17	24	66	373HGA0420N	●
4.3	+0.016/+0.004	6	h6	17	24	66	373HGA0430N	●
4.4	+0.016/+0.004	6	h6	17	24	66	373HGA0440N	●
4.5	+0.016/+0.004	6	h6	17	24	66	373HGA0450N	●
4.6	+0.016/+0.004	6	h6	17	24	66	373HGA0460N	●
4.7	+0.016/+0.004	6	h6	17	24	66	373HGA0470N	●
4.8	+0.016/+0.004	6	h6	20	28	66	373HGA0480N	●
4.9	+0.016/+0.004	6	h6	20	28	66	373HGA0490N	●
5	+0.016/+0.004	6	h6	20	28	66	373HGA0500N	●
5.1	+0.016/+0.004	6	h6	20	28	66	373HGA0510N	●
5.2	+0.016/+0.004	6	h6	20	28	66	373HGA0520N	●
5.3	+0.016/+0.004	6	h6	20	28	66	373HGA0530N	●
5.4	+0.016/+0.004	6	h6	20	28	66	373HGA0540N	●
5.5	+0.016/+0.004	6	h6	20	28	66	373HGA0550N	●
5.6	+0.016/+0.004	6	h6	20	28	66	373HGA0560N	●
5.7	+0.016/+0.004	6	h6	20	28	66	373HGA0570N	●
5.8	+0.016/+0.004	6	h6	20	28	66	373HGA0580N	●
5.9	+0.016/+0.004	6	h6	20	28	66	373HGA0590N	●
6	+0.016/+0.004	6	h6	20	28	66	373HGA0600N	●
6.1	+0.021/+0.006	8	h6	24	34	79	373HGA0610N	●
6.2	+0.021/+0.006	8	h6	24	34	79	373HGA0620N	●
6.3	+0.021/+0.006	8	h6	24	34	79	373HGA0630N	●
6.4	+0.021/+0.006	8	h6	24	34	79	373HGA0640N	●
6.5	+0.021/+0.006	8	h6	24	34	79	373HGA0650N	●
6.6	+0.021/+0.006	8	h6	24	34	79	373HGA0660N	●
6.7	+0.021/+0.006	8	h6	24	34	79	373HGA0670N	●
6.8	+0.021/+0.006	8	h6	24	34	79	373HGA0680N	●
6.9	+0.021/+0.006	8	h6	24	34	79	373HGA0690N	●
7	+0.021/+0.006	8	h6	24	34	79	373HGA0700N	●
7.1	+0.021/+0.006	8	h6	29	41	79	373HGA0710N	●
7.2	+0.021/+0.006	8	h6	29	41	79	373HGA0720N	●
7.3	+0.021/+0.006	8	h6	29	41	79	373HGA0730N	●
7.4	+0.021/+0.006	8	h6	29	41	79	373HGA0740N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 373HGA

- Universelle Anwendung
- Weldonenschaft
- Kleine 45°-Fase zum Kantenschutz

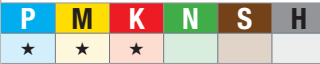
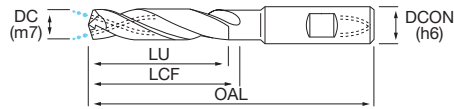


DC	DC tol.	DC ON	TCDCON	LU	LCF	OAL	EDP no.	Stock
7.5	+0.021/+0.006	8	h6	29	41	79	373HGA0750N	●
7.6	+0.021/+0.006	8	h6	29	41	79	373HGA0760N	●
7.7	+0.021/+0.006	8	h6	29	41	79	373HGA0770N	●
7.8	+0.021/+0.006	8	h6	29	41	79	373HGA0780N	●
7.9	+0.021/+0.006	8	h6	29	41	79	373HGA0790N	●
8	+0.021/+0.006	8	h6	29	41	79	373HGA0800N	●
8.1	+0.021/+0.006	10	h6	35	47	89	373HGA0810N	●
8.2	+0.021/+0.006	10	h6	35	47	89	373HGA0820N	●
8.3	+0.021/+0.006	10	h6	35	47	89	373HGA0830N	●
8.4	+0.021/+0.006	10	h6	35	47	89	373HGA0840N	●
8.5	+0.021/+0.006	10	h6	35	47	89	373HGA0850N	●
8.6	+0.021/+0.006	10	h6	35	47	89	373HGA0860N	●
8.7	+0.021/+0.006	10	h6	35	47	89	373HGA0870N	●
8.8	+0.021/+0.006	10	h6	35	47	89	373HGA0880N	●
8.9	+0.021/+0.006	10	h6	35	47	89	373HGA0890N	●
9	+0.021/+0.006	10	h6	35	47	89	373HGA0900N	●
9.1	+0.021/+0.006	10	h6	35	47	89	373HGA0910N	●
9.2	+0.021/+0.006	10	h6	35	47	89	373HGA0920N	●
9.3	+0.021/+0.006	10	h6	35	47	89	373HGA0930N	●
9.4	+0.021/+0.006	10	h6	35	47	89	373HGA0940N	●
9.5	+0.021/+0.006	10	h6	35	47	89	373HGA0950N	●
9.6	+0.021/+0.006	10	h6	35	47	89	373HGA0960N	●
9.7	+0.021/+0.006	10	h6	35	47	89	373HGA0970N	●
9.8	+0.021/+0.006	10	h6	35	47	89	373HGA0980N	●
9.9	+0.021/+0.006	10	h6	35	47	89	373HGA0990N	●
10	+0.021/+0.006	10	h6	35	47	89	373HGA1000N	●
10.1	+0.025/+0.007	12	h6	40	55	102	373HGA1010N	●
10.2	+0.025/+0.007	12	h6	40	55	102	373HGA1020N	●
10.3	+0.025/+0.007	12	h6	40	55	102	373HGA1030N	●
10.4	+0.025/+0.007	12	h6	40	55	102	373HGA1040N	●
10.5	+0.025/+0.007	12	h6	40	55	102	373HGA1050N	●
10.6	+0.025/+0.007	12	h6	40	55	102	373HGA1060N	●
10.7	+0.025/+0.007	12	h6	40	55	102	373HGA1070N	●
10.8	+0.025/+0.007	12	h6	40	55	102	373HGA1080N	●
10.9	+0.025/+0.007	12	h6	40	55	102	373HGA1090N	●
11	+0.025/+0.007	12	h6	40	55	102	373HGA1100N	●
11.1	+0.025/+0.007	12	h6	40	55	102	373HGA1110N	●
11.2	+0.025/+0.007	12	h6	40	55	102	373HGA1120N	●
11.3	+0.025/+0.007	12	h6	40	55	102	373HGA1130N	●
11.4	+0.025/+0.007	12	h6	40	55	102	373HGA1140N	●
11.5	+0.025/+0.007	12	h6	40	55	102	373HGA1150N	●
11.6	+0.025/+0.007	12	h6	40	55	102	373HGA1160N	●
11.7	+0.025/+0.007	12	h6	40	55	102	373HGA1170N	●
11.8	+0.025/+0.007	12	h6	40	55	102	373HGA1180N	●
11.9	+0.025/+0.007	12	h6	40	55	102	373HGA1190N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 373HGA


- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz




DC	DC tol.	DC ON	TCDCON	LU	LCF	OAL	EDP no.	Stock
12	+0.025/+0.007	12	h6	40	55	102	373HGA1200N	●
12.1	+0.025/+0.007	14	h6	43	60	107	373HGA1210N	●
12.2	+0.025/+0.007	14	h6	43	60	107	373HGA1220N	●
12.5	+0.025/+0.007	14	h6	43	60	107	373HGA1250N	●
12.7	+0.025/+0.007	14	h6	43	60	107	373HGA1270N	●
12.8	+0.025/+0.007	14	h6	43	60	107	373HGA1280N	●
13	+0.025/+0.007	14	h6	43	60	107	373HGA1300N	●
13.5	+0.025/+0.007	14	h6	43	60	107	373HGA1350N	●
13.7	+0.025/+0.007	14	h6	43	60	107	373HGA1370N	◎
13.8	+0.025/+0.007	14	h6	43	60	107	373HGA1380N	●
14	+0.025/+0.007	14	h6	43	60	107	373HGA1400N	●
14.2	+0.025/+0.007	16	h6	45	65	115	373HGA1420N	●
14.5	+0.025/+0.007	16	h6	45	65	115	373HGA1450N	●
14.7	+0.025/+0.007	16	h6	45	65	115	373HGA1470N	◎
14.8	+0.025/+0.007	16	h6	45	65	115	373HGA1480N	●
15	+0.025/+0.007	16	h6	49	65	115	373HGA1500N	●
15.2	+0.025/+0.007	16	h6	49	65	115	373HGA1520N	●
15.3	+0.025/+0.007	16	h6	49	65	115	373HGA1530N	●
15.5	+0.025/+0.007	16	h6	49	65	115	373HGA1550N	●
15.7	+0.025/+0.007	16	h6	49	65	115	373HGA1570N	◎
15.8	+0.025/+0.007	16	h6	49	65	115	373HGA1580N	●
16	+0.025/+0.007	16	h6	49	65	115	373HGA1600N	●
16.5	+0.025/+0.007	18	h6	52	73	123	373HGA1650N	●
16.8	+0.025/+0.007	18	h6	52	73	123	373HGA1680N	◎
17	+0.025/+0.007	18	h6	52	73	123	373HGA1700N	●
17.5	+0.025/+0.007	18	h6	52	73	123	373HGA1750N	●
17.7	+0.025/+0.007	18	h6	52	73	123	373HGA1770N	◎
17.8	+0.025/+0.007	18	h6	52	73	123	373HGA1780N	◎
18	+0.025/+0.007	18	h6	52	73	123	373HGA1800N	●
18.5	+0.029/+0.008	20	h6	55	79	131	373HGA1850N	●
18.8	+0.029/+0.008	20	h6	55	79	131	373HGA1880N	◎
19	+0.029/+0.008	20	h6	55	79	131	373HGA1900N	●
19.5	+0.029/+0.008	20	h6	55	79	131	373HGA1950N	●
19.8	+0.029/+0.008	20	h6	55	79	131	373HGA1980N	◎
20	+0.029/+0.008	20	h6	55	79	131	373HGA2000N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion


373HGA

	Werkstoffgruppe ISO 513	<b>P1</b>	<b>P2</b>	<b>P3 P4</b>	<b>P5 P6</b>	<b>P5</b>	<b>P7 P8</b>
	Härte/Rm	<500 N/mm <sup>2</sup>	500÷700 N/mm <sup>2</sup>	600÷1000 N/mm <sup>2</sup>	900÷1480 N/mm <sup>2</sup>	<700 N/mm <sup>2</sup>	850÷1200 N/mm <sup>2</sup>
	Vc (m/min)	<b>100÷140</b>	<b>90÷130</b>	<b>80÷120</b>	<b>65÷95</b>	<b>55÷80</b>	<b>40÷65</b>
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)
	3	0.150	0.150	0.130	0.110	0.080	0.060
	4	0.150	0.150	0.130	0.110	0.080	0.060
	6	0.190	0.190	0.170	0.140	0.120	0.100
	8	0.220	0.220	0.200	0.160	0.140	0.130
	10	0.220	0.220	0.200	0.160	0.140	0.130
	12	0.280	0.280	0.230	0.190	0.180	0.180
	14	0.320	0.320	0.250	0.220	0.200	0.200
	16	0.320	0.320	0.250	0.220	0.200	0.200
	18	0.380	0.380	0.300	0.240	0.240	0.240
20	0.380	0.380	0.300	0.240	0.240	0.240	

373HGA

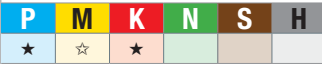
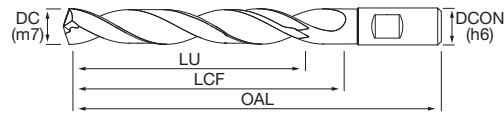
	Werkstoffgruppe ISO 513	<b>M1</b>	<b>M2</b>	<b>M3</b>			
	Härte/Rm	<750 N/mm <sup>2</sup>	550÷850 N/mm <sup>2</sup>	650÷950 N/mm <sup>2</sup>			
	Vc (m/min)	<b>50÷70</b>	<b>45÷65</b>	<b>35÷55</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.080	0.060	0.060			
	4	0.100	0.080	0.080			
	6	0.120	0.080	0.080			
	8	0.130	0.100	0.100			
	10	0.150	0.110	0.110			
	12	0.170	0.130	0.130			
	14	0.180	0.130	0.130			
	16	0.200	0.140	0.140			
	18	0.220	0.140	0.140			
20	0.240	0.160	0.160				

373HGA

	Werkstoffgruppe ISO 513	<b>K1</b>	<b>K2</b>	<b>K3</b>			
	Härte/Rm	150÷250 HB	150÷350 HB	250÷500 HB			
	Vc (m/min)	<b>110÷140</b>	<b>90÷120</b>	<b>70÷100</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.170	0.150	0.090			
	4	0.200	0.170	0.100			
	6	0.250	0.200	0.130			
	8	0.270	0.250	0.160			
	10	0.300	0.280	0.200			
	12	0.330	0.300	0.220			
	14	0.360	0.330	0.240			
	16	0.400	0.350	0.260			
	18	0.420	0.380	0.280			
20	0.450	0.400	0.280				

# 375GA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

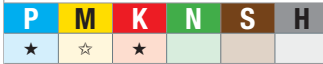
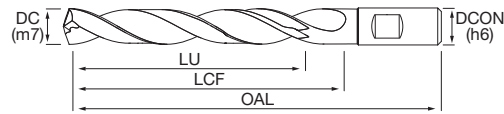


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
3	+0.012/+0.002	6	h6	23	28	66	375GA0300N	●
3.1	+0.016/+0.004	6	h6	23	28	66	375GA0310N	●
3.2	+0.016/+0.004	6	h6	23	28	66	375GA0320N	●
3.3	+0.016/+0.004	6	h6	23	28	66	375GA0330N	●
3.4	+0.016/+0.004	6	h6	23	28	66	375GA0340N	●
3.5	+0.016/+0.004	6	h6	23	28	66	375GA0350N	●
3.6	+0.016/+0.004	6	h6	23	28	66	375GA0360N	●
3.7	+0.016/+0.004	6	h6	23	28	66	375GA0370N	●
3.8	+0.016/+0.004	6	h6	29	36	74	375GA0380N	●
3.9	+0.016/+0.004	6	h6	29	36	74	375GA0390N	●
4	+0.016/+0.004	6	h6	29	36	74	375GA0400N	●
4.1	+0.016/+0.004	6	h6	29	36	74	375GA0410N	●
4.2	+0.016/+0.004	6	h6	29	36	74	375GA0420N	●
4.3	+0.016/+0.004	6	h6	29	36	74	375GA0430N	●
4.4	+0.016/+0.004	6	h6	29	36	74	375GA0440N	●
4.5	+0.016/+0.004	6	h6	29	36	74	375GA0450N	●
4.6	+0.016/+0.004	6	h6	29	36	74	375GA0460N	●
4.7	+0.016/+0.004	6	h6	29	36	74	375GA0470N	●
4.8	+0.016/+0.004	6	h6	35	44	82	375GA0480N	●
4.9	+0.016/+0.004	6	h6	35	44	82	375GA0490N	●
5	+0.016/+0.004	6	h6	35	44	82	375GA0500N	●
5.1	+0.016/+0.004	6	h6	35	44	82	375GA0510N	●
5.2	+0.016/+0.004	6	h6	35	44	82	375GA0520N	●
5.3	+0.016/+0.004	6	h6	35	44	82	375GA0530N	●
5.4	+0.016/+0.004	6	h6	35	44	82	375GA0540N	●
5.5	+0.016/+0.004	6	h6	35	44	82	375GA0550N	●
5.6	+0.016/+0.004	6	h6	35	44	82	375GA0560N	●
5.7	+0.016/+0.004	6	h6	35	44	82	375GA0570N	●
5.8	+0.016/+0.004	6	h6	35	44	82	375GA0580N	●
5.9	+0.016/+0.004	6	h6	35	44	82	375GA0590N	●
6	+0.016/+0.004	6	h6	35	44	82	375GA0600N	●
6.1	+0.021/+0.006	8	h6	43	53	91	375GA0610N	●
6.2	+0.021/+0.006	8	h6	43	53	91	375GA0620N	●
6.3	+0.021/+0.006	8	h6	43	53	91	375GA0630N	●
6.4	+0.021/+0.006	8	h6	43	53	91	375GA0640N	●
6.5	+0.021/+0.006	8	h6	43	53	91	375GA0650N	●
6.6	+0.021/+0.006	8	h6	43	53	91	375GA0660N	●
6.7	+0.021/+0.006	8	h6	43	53	91	375GA0670N	●
6.8	+0.021/+0.006	8	h6	43	53	91	375GA0680N	●
6.9	+0.021/+0.006	8	h6	43	53	91	375GA0690N	●
7	+0.021/+0.006	8	h6	43	53	91	375GA0700N	●
7.1	+0.021/+0.006	8	h6	43	53	91	375GA0710N	●
7.2	+0.021/+0.006	8	h6	43	53	91	375GA0720N	●
7.3	+0.021/+0.006	8	h6	43	53	91	375GA0730N	●
7.4	+0.021/+0.006	8	h6	43	53	91	375GA0740N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 375GA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

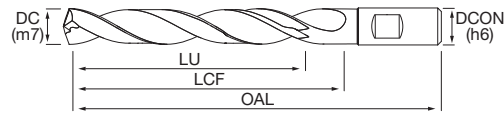


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
7.5	+0.021/+0.006	8	h6	43	53	91	375GA0750N	●
7.6	+0.021/+0.006	8	h6	43	53	91	375GA0760N	●
7.7	+0.021/+0.006	8	h6	43	53	91	375GA0770N	●
7.8	+0.021/+0.006	8	h6	43	53	91	375GA0780N	●
7.9	+0.021/+0.006	8	h6	43	53	91	375GA0790N	●
8	+0.021/+0.006	8	h6	43	53	91	375GA0800N	●
8.1	+0.021/+0.006	10	h6	49	61	103	375GA0810N	●
8.2	+0.021/+0.006	10	h6	49	61	103	375GA0820N	●
8.3	+0.021/+0.006	10	h6	49	61	103	375GA0830N	●
8.4	+0.021/+0.006	10	h6	49	61	103	375GA0840N	●
8.5	+0.021/+0.006	10	h6	49	61	103	375GA0850N	●
8.6	+0.021/+0.006	10	h6	49	61	103	375GA0860N	●
8.7	+0.021/+0.006	10	h6	49	61	103	375GA0870N	●
8.8	+0.021/+0.006	10	h6	49	61	103	375GA0880N	●
8.9	+0.021/+0.006	10	h6	49	61	103	375GA0890N	●
9	+0.021/+0.006	10	h6	49	61	103	375GA0900N	●
9.1	+0.021/+0.006	10	h6	49	61	103	375GA0910N	●
9.2	+0.021/+0.006	10	h6	49	61	103	375GA0920N	●
9.3	+0.021/+0.006	10	h6	49	61	103	375GA0930N	●
9.4	+0.021/+0.006	10	h6	49	61	103	375GA0940N	●
9.5	+0.021/+0.006	10	h6	49	61	103	375GA0950N	●
9.6	+0.021/+0.006	10	h6	49	61	103	375GA0960N	●
9.7	+0.021/+0.006	10	h6	49	61	103	375GA0970N	●
9.8	+0.021/+0.006	10	h6	49	61	103	375GA0980N	●
9.9	+0.021/+0.006	10	h6	49	61	103	375GA0990N	●
10	+0.021/+0.006	10	h6	49	61	103	375GA1000N	●
10.1	+0.025/+0.007	12	h6	57	71	118	375GA1010N	●
10.2	+0.025/+0.007	12	h6	57	71	118	375GA1020N	●
10.3	+0.025/+0.007	12	h6	57	71	118	375GA1030N	●
10.4	+0.025/+0.007	12	h6	57	71	118	375GA1040N	●
10.5	+0.025/+0.007	12	h6	57	71	118	375GA1050N	●
10.6	+0.025/+0.007	12	h6	57	71	118	375GA1060N	●
10.7	+0.025/+0.007	12	h6	57	71	118	375GA1070N	●
10.8	+0.025/+0.007	12	h6	57	71	118	375GA1080N	●
10.9	+0.025/+0.007	12	h6	57	71	118	375GA1090N	●
11	+0.025/+0.007	12	h6	57	71	118	375GA1100N	●
11.1	+0.025/+0.007	12	h6	57	71	118	375GA1110N	●
11.2	+0.025/+0.007	12	h6	57	71	118	375GA1120N	●
11.3	+0.025/+0.007	12	h6	57	71	118	375GA1130N	●
11.4	+0.025/+0.007	12	h6	57	71	118	375GA1140N	●
11.5	+0.025/+0.007	12	h6	57	71	118	375GA1150N	●
11.6	+0.025/+0.007	12	h6	57	71	118	375GA1160N	●
11.7	+0.025/+0.007	12	h6	57	71	118	375GA1170N	●
11.8	+0.025/+0.007	12	h6	57	71	118	375GA1180N	●
11.9	+0.025/+0.007	12	h6	57	71	118	375GA1190N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 375GA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz




<b>P</b>	<b>M</b>	<b>K</b>	<b>N</b>	<b>S</b>	<b>H</b>
★	☆	★			

<b>5xD</b>	<b>DIN 6537L</b>	<b>GA</b>	<b>MG PV400</b>	<b>SIG 140°</b>	<b>FHA 30°</b>	<b>CH-45°</b>
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DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
12	+0.025/+0.007	12	h6	57	71	118	<b>375GA1200N</b>	●
12.5	+0.025/+0.007	14	h6	63	77	124	<b>375GA1250N</b>	●
13	+0.025/+0.007	14	h6	63	77	124	<b>375GA1300N</b>	●
13.5	+0.025/+0.007	14	h6	63	77	124	<b>375GA1350N</b>	●
14	+0.025/+0.007	14	h6	63	77	124	<b>375GA1400N</b>	●
14.5	+0.025/+0.007	16	h6	67	83	133	<b>375GA1450N</b>	●
15	+0.025/+0.007	16	h6	67	83	133	<b>375GA1500N</b>	●
15.5	+0.025/+0.007	16	h6	67	83	133	<b>375GA1550N</b>	●
16	+0.025/+0.007	16	h6	67	83	133	<b>375GA1600N</b>	●
16.5	+0.025/+0.007	18	h6	75	93	143	<b>375GA1650N</b>	●
17	+0.025/+0.007	18	h6	75	93	143	<b>375GA1700N</b>	●
17.5	+0.025/+0.007	18	h6	75	93	143	<b>375GA1750N</b>	●
18	+0.025/+0.007	18	h6	75	93	143	<b>375GA1800N</b>	●
18.5	+0.029/+0.008	20	h6	81	101	153	<b>375GA1850N</b>	●
19	+0.029/+0.008	20	h6	81	101	153	<b>375GA1900N</b>	●
19.5	+0.029/+0.008	20	h6	81	101	153	<b>375GA1950N</b>	●
20	+0.029/+0.008	20	h6	81	101	153	<b>375GA2000N</b>	●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion


375GA

	Werkstoffgruppe ISO 513	P1	P2	P3 P4	P5 P6	P5	P7 P8
	Härte/Rm	<500 N/mm <sup>2</sup>	500÷700 N/mm <sup>2</sup>	600÷1000 N/mm <sup>2</sup>	900÷1480 N/mm <sup>2</sup>	<750 N/mm <sup>2</sup>	850÷1200 N/mm <sup>2</sup>
	Vc (m/min)	80÷120	70÷110	60÷100	55÷80	40÷60	35÷55
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)
	3	0.143	0.143	0.124	0.105	0.076	0.057
	4	0.143	0.143	0.124	0.105	0.076	0.057
	6	0.181	0.181	0.162	0.133	0.114	0.095
	8	0.209	0.209	0.190	0.152	0.133	0.124
	10	0.209	0.209	0.190	0.152	0.133	0.124
	12	0.266	0.266	0.219	0.181	0.171	0.171
14	0.304	0.304	0.238	0.209	0.190	0.190	
16	0.304	0.304	0.238	0.209	0.190	0.190	
18	0.361	0.361	0.285	0.228	0.228	0.228	
20	0.361	0.361	0.285	0.228	0.228	0.228	

375GA

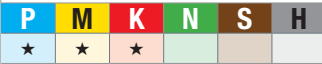
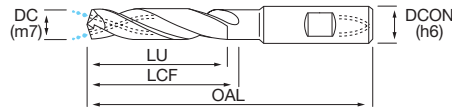
	Werkstoffgruppe ISO 513	M1	M2	M3			
	Härte/Rm	<750 N/mm <sup>2</sup>	550÷850 N/mm <sup>2</sup>	650÷950 N/mm <sup>2</sup>			
	Vc (m/min)	40÷60	35÷55	25÷45			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.072	0.054	0.054			
	4	0.090	0.072	0.072			
	6	0.108	0.072	0.072			
	8	0.117	0.090	0.090			
	10	0.135	0.099	0.099			
	12	0.153	0.117	0.117			
14	0.162	0.117	0.117				
16	0.180	0.126	0.126				
18	0.198	0.126	0.126				
20	0.216	0.144	0.144				

375GA

	Werkstoffgruppe ISO 513	K1	K2	K3			
	Härte/Rm	150÷250 HB	150÷350 HB	250÷500 HB			
	Vc (m/min)	90÷110	70÷90	60÷80			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.162	0.143	0.086			
	4	0.190	0.162	0.095			
	6	0.238	0.190	0.124			
	8	0.257	0.238	0.152			
	10	0.285	0.266	0.190			
	12	0.314	0.285	0.209			
14	0.342	0.314	0.228				
16	0.380	0.333	0.247				
18	0.399	0.361	0.266				
20	0.428	0.380	0.266				

# 375HGA

- Universelle Anwendung
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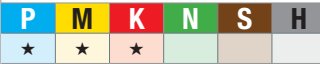
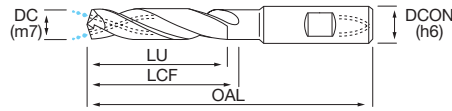


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
3	+0.012/+0.002	6	h6	23	28	66	375HGA0300N	●
3.1	+0.016/+0.004	6	h6	23	28	66	375HGA0310N	●
3.2	+0.016/+0.004	6	h6	23	28	66	375HGA0320N	●
3.3	+0.016/+0.004	6	h6	23	28	66	375HGA0330N	●
3.4	+0.016/+0.004	6	h6	23	28	66	375HGA0340N	●
3.5	+0.016/+0.004	6	h6	23	28	66	375HGA0350N	●
3.6	+0.016/+0.004	6	h6	23	28	66	375HGA0360N	●
3.7	+0.016/+0.004	6	h6	23	28	66	375HGA0370N	●
3.8	+0.016/+0.004	6	h6	29	36	74	375HGA0380N	●
3.9	+0.016/+0.004	6	h6	29	36	74	375HGA0390N	●
4	+0.016/+0.004	6	h6	29	36	74	375HGA0400N	●
4.1	+0.016/+0.004	6	h6	29	36	74	375HGA0410N	●
4.2	+0.016/+0.004	6	h6	29	36	74	375HGA0420N	●
4.3	+0.016/+0.004	6	h6	29	36	74	375HGA0430N	●
4.4	+0.016/+0.004	6	h6	29	36	74	375HGA0440N	●
4.5	+0.016/+0.004	6	h6	29	36	74	375HGA0450N	●
4.6	+0.016/+0.004	6	h6	29	36	74	375HGA0460N	●
4.65	+0.016/+0.004	6	h6	29	36	74	375HGA0465N	●
4.7	+0.016/+0.004	6	h6	29	36	74	375HGA0470N	●
4.8	+0.016/+0.004	6	h6	35	44	82	375HGA0480N	●
4.9	+0.016/+0.004	6	h6	35	44	82	375HGA0490N	●
5	+0.016/+0.004	6	h6	35	44	82	375HGA0500N	●
5.1	+0.016/+0.004	6	h6	35	44	82	375HGA0510N	●
5.2	+0.016/+0.004	6	h6	35	44	82	375HGA0520N	●
5.3	+0.016/+0.004	6	h6	35	44	82	375HGA0530N	●
5.4	+0.016/+0.004	6	h6	35	44	82	375HGA0540N	●
5.5	+0.016/+0.004	6	h6	35	44	82	375HGA0550N	●
5.55	+0.016/+0.004	6	h6	35	44	82	375HGA0555N	●
5.6	+0.016/+0.004	6	h6	35	44	82	375HGA0560N	●
5.7	+0.016/+0.004	6	h6	35	44	82	375HGA0570N	●
5.8	+0.016/+0.004	6	h6	35	44	82	375HGA0580N	●
5.9	+0.016/+0.004	6	h6	35	44	82	375HGA0590N	●
6	+0.016/+0.004	6	h6	35	44	82	375HGA0600N	●
6.1	+0.021/+0.006	8	h6	43	53	91	375HGA0610N	●
6.2	+0.021/+0.006	8	h6	43	53	91	375HGA0620N	●
6.3	+0.021/+0.006	8	h6	43	53	91	375HGA0630N	●
6.4	+0.021/+0.006	8	h6	43	53	91	375HGA0640N	●
6.5	+0.021/+0.006	8	h6	43	53	91	375HGA0650N	●
6.6	+0.021/+0.006	8	h6	43	53	91	375HGA0660N	●
6.7	+0.021/+0.006	8	h6	43	53	91	375HGA0670N	●
6.8	+0.021/+0.006	8	h6	43	53	91	375HGA0680N	●
6.9	+0.021/+0.006	8	h6	43	53	91	375HGA0690N	●
7	+0.021/+0.006	8	h6	43	53	91	375HGA0700N	●
7.1	+0.021/+0.006	8	h6	43	53	91	375HGA0710N	●
7.2	+0.021/+0.006	8	h6	43	53	91	375HGA0720N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 375HGA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

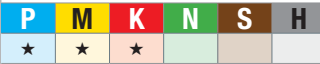
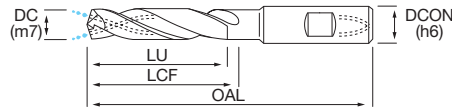


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
7.3	+0.021/+0.006	8	h6	43	53	91	375HGA0730N	●
7.4	+0.021/+0.006	8	h6	43	53	91	375HGA0740N	●
7.45	+0.021/+0.006	8	h6	43	53	91	375HGA0745N	●
7.5	+0.021/+0.006	8	h6	43	53	91	375HGA0750N	●
7.6	+0.021/+0.006	8	h6	43	53	91	375HGA0760N	●
7.7	+0.021/+0.006	8	h6	43	53	91	375HGA0770N	●
7.8	+0.021/+0.006	8	h6	43	53	91	375HGA0780N	●
7.9	+0.021/+0.006	8	h6	43	53	91	375HGA0790N	●
8	+0.021/+0.006	8	h6	43	53	91	375HGA0800N	●
8.1	+0.021/+0.006	10	h6	49	61	103	375HGA0810N	●
8.2	+0.021/+0.006	10	h6	49	61	103	375HGA0820N	●
8.3	+0.021/+0.006	10	h6	49	61	103	375HGA0830N	●
8.4	+0.021/+0.006	10	h6	49	61	103	375HGA0840N	●
8.5	+0.021/+0.006	10	h6	49	61	103	375HGA0850N	●
8.6	+0.021/+0.006	10	h6	49	61	103	375HGA0860N	●
8.7	+0.021/+0.006	10	h6	49	61	103	375HGA0870N	●
8.8	+0.021/+0.006	10	h6	49	61	103	375HGA0880N	●
8.9	+0.021/+0.006	10	h6	49	61	103	375HGA0890N	●
9	+0.021/+0.006	10	h6	49	61	103	375HGA0900N	●
9.1	+0.021/+0.006	10	h6	49	61	103	375HGA0910N	●
9.2	+0.021/+0.006	10	h6	49	61	103	375HGA0920N	●
9.3	+0.021/+0.006	10	h6	49	61	103	375HGA0930N	●
9.35	+0.021/+0.006	10	h6	49	61	103	375HGA0935N	●
9.4	+0.021/+0.006	10	h6	49	61	103	375HGA0940N	●
9.5	+0.021/+0.006	10	h6	49	61	103	375HGA0950N	●
9.6	+0.021/+0.006	10	h6	49	61	103	375HGA0960N	●
9.7	+0.021/+0.006	10	h6	49	61	103	375HGA0970N	●
9.8	+0.021/+0.006	10	h6	49	61	103	375HGA0980N	●
9.9	+0.021/+0.006	10	h6	49	61	103	375HGA0990N	●
10	+0.021/+0.006	10	h6	49	61	103	375HGA1000N	●
10.1	+0.025/+0.007	12	h6	57	71	118	375HGA1010N	●
10.2	+0.025/+0.007	12	h6	57	71	118	375HGA1020N	●
10.3	+0.025/+0.007	12	h6	57	71	118	375HGA1030N	●
10.4	+0.025/+0.007	12	h6	57	71	118	375HGA1040N	●
10.5	+0.025/+0.007	12	h6	57	71	118	375HGA1050N	●
10.6	+0.025/+0.007	12	h6	57	71	118	375HGA1060N	●
10.7	+0.025/+0.007	12	h6	57	71	118	375HGA1070N	●
10.8	+0.025/+0.007	12	h6	57	71	118	375HGA1080N	●
10.9	+0.025/+0.007	12	h6	57	71	118	375HGA1090N	●
11	+0.025/+0.007	12	h6	57	71	118	375HGA1100N	●
11.1	+0.025/+0.007	12	h6	57	71	118	375HGA1110N	●
11.2	+0.025/+0.007	12	h6	57	71	118	375HGA1120N	●
11.3	+0.025/+0.007	12	h6	57	71	118	375HGA1130N	●
11.4	+0.025/+0.007	12	h6	57	71	118	375HGA1140N	●
11.5	+0.025/+0.007	12	h6	57	71	118	375HGA1150N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 375HGA


- Universelle Anwendung
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- Kleine 45°-Fase zum Kantenschutz




DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
11.6	+0.025/+0.007	12	h6	57	71	118	375HGA1160N	●
11.7	+0.025/+0.007	12	h6	57	71	118	375HGA1170N	●
11.8	+0.025/+0.007	12	h6	57	71	118	375HGA1180N	●
11.9	+0.025/+0.007	12	h6	57	71	118	375HGA1190N	●
12	+0.025/+0.007	12	h6	57	71	118	375HGA1200N	●
12.1	+0.025/+0.007	14	h6	63	77	124	375HGA1210N	●
12.2	+0.025/+0.007	14	h6	63	77	124	375HGA1220N	●
12.3	+0.025/+0.007	14	h6	63	77	124	375HGA1230N	●
12.4	+0.025/+0.007	14	h6	63	77	124	375HGA1240N	●
12.5	+0.025/+0.007	14	h6	63	77	124	375HGA1250N	●
12.6	+0.025/+0.007	14	h6	63	77	124	375HGA1260N	●
12.7	+0.025/+0.007	14	h6	63	77	124	375HGA1270N	●
12.8	+0.025/+0.007	14	h6	63	77	124	375HGA1280N	●
13	+0.025/+0.007	14	h6	63	77	124	375HGA1300N	●
13.5	+0.025/+0.007	14	h6	63	77	124	375HGA1350N	●
13.7	+0.025/+0.007	14	h6	63	77	124	375HGA1370N	●
13.8	+0.025/+0.007	14	h6	63	77	124	375HGA1380N	●
13.9	+0.025/+0.007	14	h6	63	77	124	375HGA1390N	●
14	+0.025/+0.007	14	h6	63	77	124	375HGA1400N	●
14.1	+0.025/+0.007	16	h6	67	83	133	375HGA1410N	●
14.2	+0.025/+0.007	16	h6	67	83	133	375HGA1420N	●
14.5	+0.025/+0.007	16	h6	67	83	133	375HGA1450N	●
14.7	+0.025/+0.007	16	h6	67	83	133	375HGA1470N	●
14.8	+0.025/+0.007	16	h6	67	83	133	375HGA1480N	●
15	+0.025/+0.007	16	h6	67	83	133	375HGA1500N	●
15.1	+0.025/+0.007	16	h6	67	83	133	375HGA1510N	●
15.2	+0.025/+0.007	16	h6	67	83	133	375HGA1520N	●
15.3	+0.025/+0.007	16	h6	67	83	133	375HGA1530N	●
15.5	+0.025/+0.007	16	h6	67	83	133	375HGA1550N	●
15.7	+0.025/+0.007	16	h6	67	83	133	375HGA1570N	●
15.8	+0.025/+0.007	16	h6	67	83	133	375HGA1580N	●
16	+0.025/+0.007	16	h6	67	83	133	375HGA1600N	●
16.5	+0.025/+0.007	18	h6	75	93	143	375HGA1650N	●
16.8	+0.025/+0.007	18	h6	75	93	143	375HGA1680N	◎
17	+0.025/+0.007	18	h6	75	93	143	375HGA1700N	●
17.5	+0.025/+0.007	18	h6	75	93	143	375HGA1750N	●
17.7	+0.025/+0.007	18	h6	75	93	143	375HGA1770N	◎
17.8	+0.025/+0.007	18	h6	75	93	143	375HGA1780N	◎
18	+0.025/+0.007	18	h6	75	93	143	375HGA1800N	●
18.5	+0.029/+0.008	20	h6	81	101	153	375HGA1850N	●
18.8	+0.029/+0.008	20	h6	81	101	153	375HGA1880N	◎
19	+0.029/+0.008	20	h6	81	101	153	375HGA1900N	●
19.5	+0.029/+0.008	20	h6	81	101	153	375HGA1950N	●
19.8	+0.029/+0.008	20	h6	81	101	153	375HGA1980N	◎
20	+0.029/+0.008	20	h6	81	101	153	375HGA2000N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion


375HGA

	Werkstoffgruppe ISO 513	<b>P1</b>	<b>P2</b>	<b>P3 P4</b>	<b>P5 P6</b>	<b>P5</b>	<b>P7 P8</b>
	Härte/Rm	<500 N/mm <sup>2</sup>	500÷700 N/mm <sup>2</sup>	600÷1000 N/mm <sup>2</sup>	900÷1480 N/mm <sup>2</sup>	<700 N/mm <sup>2</sup>	850÷1200 N/mm <sup>2</sup>
	Vc (m/min)	<b>100÷140</b>	<b>90÷130</b>	<b>80÷120</b>	<b>65÷95</b>	<b>55÷80</b>	<b>40÷65</b>
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)
	3	0.150	0.150	0.130	0.110	0.080	0.060
	4	0.150	0.150	0.130	0.110	0.080	0.060
	6	0.190	0.190	0.170	0.140	0.120	0.100
	8	0.220	0.220	0.200	0.160	0.140	0.130
	10	0.220	0.220	0.200	0.160	0.140	0.130
	12	0.280	0.280	0.230	0.190	0.180	0.180
	14	0.320	0.320	0.250	0.220	0.200	0.200
	16	0.320	0.320	0.250	0.220	0.200	0.200
	18	0.380	0.380	0.300	0.240	0.240	0.240
20	0.380	0.380	0.300	0.240	0.240	0.240	

375HGA

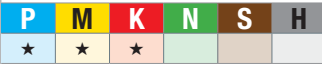
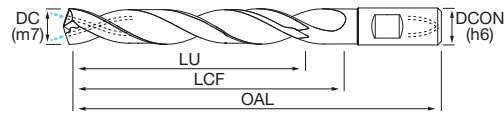
	Werkstoffgruppe ISO 513	<b>M1</b>	<b>M2</b>	<b>M3</b>			
	Härte/Rm	<750 N/mm <sup>2</sup>	550÷850 N/mm <sup>2</sup>	650÷950 N/mm <sup>2</sup>			
	Vc (m/min)	<b>50÷70</b>	<b>45÷65</b>	<b>35÷55</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.080	0.060	0.060			
	4	0.100	0.080	0.080			
	6	0.120	0.080	0.080			
	8	0.130	0.100	0.100			
	10	0.150	0.110	0.110			
	12	0.170	0.130	0.130			
	14	0.180	0.130	0.130			
	16	0.200	0.140	0.140			
	18	0.220	0.140	0.140			
20	0.240	0.160	0.160				

375HGA

	Werkstoffgruppe ISO 513	<b>K1</b>	<b>K2</b>	<b>K3</b>			
	Härte/Rm	150÷250 HB	150÷350 HB	250÷500 HB			
	Vc (m/min)	<b>110÷140</b>	<b>90÷120</b>	<b>70÷100</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	3	0.170	0.150	0.090			
	4	0.200	0.170	0.100			
	6	0.250	0.200	0.130			
	8	0.270	0.250	0.160			
	10	0.300	0.280	0.200			
	12	0.330	0.300	0.220			
	14	0.360	0.330	0.240			
	16	0.400	0.350	0.260			
	18	0.420	0.380	0.280			
20	0.450	0.400	0.280				

# 358HGA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

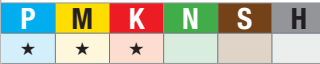
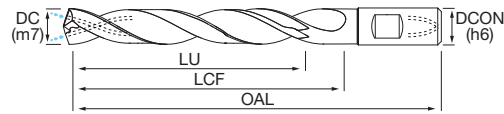


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
3	+0.012/+0.002	6	h6	29	34	72	358HGA0300N	●
3.1	+0.016/+0.004	6	h6	29	34	72	358HGA0310N	●
3.2	+0.016/+0.004	6	h6	29	34	72	358HGA0320N	●
3.3	+0.016/+0.004	6	h6	29	34	72	358HGA0330N	●
3.4	+0.016/+0.004	6	h6	29	34	72	358HGA0340N	●
3.5	+0.016/+0.004	6	h6	29	34	72	358HGA0350N	●
3.6	+0.016/+0.004	6	h6	29	34	72	358HGA0360N	●
3.7	+0.016/+0.004	6	h6	29	34	72	358HGA0370N	●
3.8	+0.016/+0.004	6	h6	36	43	81	358HGA0380N	●
3.9	+0.016/+0.004	6	h6	36	43	81	358HGA0390N	●
4	+0.016/+0.004	6	h6	36	43	81	358HGA0400N	●
4.1	+0.016/+0.004	6	h6	36	43	81	358HGA0410N	●
4.2	+0.016/+0.004	6	h6	36	43	81	358HGA0420N	●
4.3	+0.016/+0.004	6	h6	36	43	81	358HGA0430N	●
4.4	+0.016/+0.004	6	h6	36	43	81	358HGA0440N	◎
4.5	+0.016/+0.004	6	h6	36	43	81	358HGA0450N	●
4.6	+0.016/+0.004	6	h6	36	43	81	358HGA0460N	●
4.7	+0.016/+0.004	6	h6	36	43	81	358HGA0470N	●
4.8	+0.016/+0.004	6	h6	48	57	95	358HGA0480N	●
4.9	+0.016/+0.004	6	h6	48	57	95	358HGA0490N	●
5	+0.016/+0.004	6	h6	48	57	95	358HGA0500N	●
5.1	+0.016/+0.004	6	h6	48	57	95	358HGA0510N	●
5.2	+0.016/+0.004	6	h6	48	57	95	358HGA0520N	●
5.3	+0.016/+0.004	6	h6	48	57	95	358HGA0530N	●
5.4	+0.016/+0.004	6	h6	48	57	95	358HGA0540N	◎
5.5	+0.016/+0.004	6	h6	48	57	95	358HGA0550N	●
5.6	+0.016/+0.004	6	h6	48	57	95	358HGA0560N	●
5.7	+0.016/+0.004	6	h6	48	57	95	358HGA0570N	●
5.8	+0.016/+0.004	6	h6	48	57	95	358HGA0580N	●
5.9	+0.016/+0.004	6	h6	48	57	95	358HGA0590N	●
6	+0.016/+0.004	6	h6	48	57	95	358HGA0600N	●
6.1	+0.021/+0.006	8	h6	64	76	114	358HGA0610N	●
6.2	+0.021/+0.006	8	h6	64	76	114	358HGA0620N	●
6.3	+0.021/+0.006	8	h6	64	76	114	358HGA0630N	●
6.4	+0.021/+0.006	8	h6	64	76	114	358HGA0640N	●
6.5	+0.021/+0.006	8	h6	64	76	114	358HGA0650N	●
6.6	+0.021/+0.006	8	h6	64	76	114	358HGA0660N	●
6.7	+0.021/+0.006	8	h6	64	76	114	358HGA0670N	●
6.8	+0.021/+0.006	8	h6	64	76	114	358HGA0680N	●
6.9	+0.021/+0.006	8	h6	64	76	114	358HGA0690N	●
7	+0.021/+0.006	8	h6	64	76	114	358HGA0700N	●
7.1	+0.021/+0.006	8	h6	64	76	114	358HGA0710N	●
7.2	+0.021/+0.006	8	h6	64	76	114	358HGA0720N	●
7.3	+0.021/+0.006	8	h6	64	76	114	358HGA0730N	●
7.4	+0.021/+0.006	8	h6	64	76	114	358HGA0740N	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 358HGA

- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz

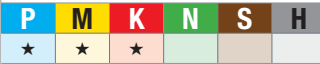
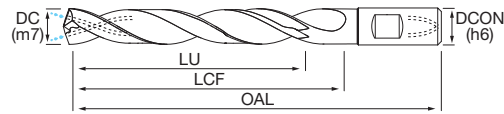


DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
7.5	+0.021/+0.006	8	h6	64	76	114	358HGA0750N	●
7.6	+0.021/+0.006	8	h6	64	76	114	358HGA0760N	●
7.7	+0.021/+0.006	8	h6	64	76	114	358HGA0770N	◎
7.8	+0.021/+0.006	8	h6	64	76	114	358HGA0780N	●
7.9	+0.021/+0.006	8	h6	64	76	114	358HGA0790N	◎
8	+0.021/+0.006	8	h6	64	76	114	358HGA0800N	●
8.1	+0.021/+0.006	10	h6	80	95	142	358HGA0810N	●
8.2	+0.021/+0.006	10	h6	80	95	142	358HGA0820N	●
8.3	+0.021/+0.006	10	h6	80	95	142	358HGA0830N	●
8.4	+0.021/+0.006	10	h6	80	95	142	358HGA0840N	●
8.5	+0.021/+0.006	10	h6	80	95	142	358HGA0850N	●
8.6	+0.021/+0.006	10	h6	80	95	142	358HGA0860N	●
8.7	+0.021/+0.006	10	h6	80	95	142	358HGA0870N	●
8.8	+0.021/+0.006	10	h6	80	95	142	358HGA0880N	●
8.9	+0.021/+0.006	10	h6	80	95	142	358HGA0890N	◎
9	+0.021/+0.006	10	h6	80	95	142	358HGA0900N	●
9.1	+0.021/+0.006	10	h6	80	95	142	358HGA0910N	●
9.2	+0.021/+0.006	10	h6	80	95	142	358HGA0920N	●
9.3	+0.021/+0.006	10	h6	80	95	142	358HGA0930N	●
9.4	+0.021/+0.006	10	h6	80	95	142	358HGA0940N	◎
9.5	+0.021/+0.006	10	h6	80	95	142	358HGA0950N	●
9.6	+0.021/+0.006	10	h6	80	95	142	358HGA0960N	◎
9.7	+0.021/+0.006	10	h6	80	95	142	358HGA0970N	◎
9.8	+0.021/+0.006	10	h6	80	95	142	358HGA0980N	●
9.9	+0.021/+0.006	10	h6	80	95	142	358HGA0990N	◎
10	+0.021/+0.006	10	h6	80	95	142	358HGA1000N	●
10.1	+0.025/+0.007	12	h6	96	114	162	358HGA1010N	●
10.2	+0.025/+0.007	12	h6	96	114	162	358HGA1020N	●
10.3	+0.025/+0.007	12	h6	96	114	162	358HGA1030N	●
10.4	+0.025/+0.007	12	h6	96	114	162	358HGA1040N	◎
10.5	+0.025/+0.007	12	h6	96	114	162	358HGA1050N	●
10.6	+0.025/+0.007	12	h6	96	114	162	358HGA1060N	◎
10.7	+0.025/+0.007	12	h6	96	114	162	358HGA1070N	●
10.8	+0.025/+0.007	12	h6	96	114	162	358HGA1080N	●
10.9	+0.025/+0.007	12	h6	96	114	162	358HGA1090N	◎
11	+0.025/+0.007	12	h6	96	114	162	358HGA1100N	●
11.1	+0.025/+0.007	12	h6	96	114	162	358HGA1110N	◎
11.2	+0.025/+0.007	12	h6	96	114	162	358HGA1120N	●
11.3	+0.025/+0.007	12	h6	96	114	162	358HGA1130N	◎
11.4	+0.025/+0.007	12	h6	96	114	162	358HGA1140N	◎
11.5	+0.025/+0.007	12	h6	96	114	162	358HGA1150N	●
11.6	+0.025/+0.007	12	h6	96	114	162	358HGA1160N	◎
11.7	+0.025/+0.007	12	h6	96	114	162	358HGA1170N	◎
11.8	+0.025/+0.007	12	h6	96	114	162	358HGA1180N	●
11.9	+0.025/+0.007	12	h6	96	114	162	358HGA1190N	◎

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

# 358HGA


- Universelle Anwendung
- Weldonschaft
- Kleine 45°-Fase zum Kantenschutz




DC	DC tol.	DCON	TCDCON	LU	LCF	OAL	EDP no.	Stock
12	+0.025/+0.007	12	h6	96	114	162	<b>358HGA1200N</b>	●
12.2	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1220N</b>	●
12.5	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1250N</b>	●
12.8	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1280N</b>	●
13	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1300N</b>	●
13.2	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1320N</b>	●
13.5	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1350N</b>	●
13.8	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1380N</b>	◎
14	+0.025/+0.007	14	h6	112	133	182	<b>358HGA1400N</b>	●
14.2	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1420N</b>	●
14.5	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1450N</b>	●
14.8	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1480N</b>	◎
15	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1500N</b>	●
15.5	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1550N</b>	●
15.8	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1580N</b>	◎
16	+0.025/+0.007	16	h6	128	152	203	<b>358HGA1600N</b>	●
16.5	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1650N</b>	●
16.8	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1680N</b>	◎
17	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1700N</b>	●
17.5	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1750N</b>	●
17.8	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1780N</b>	◎
18	+0.025/+0.007	18	h6	144	171	222	<b>358HGA1800N</b>	●
18.5	+0.029/+0.008	20	h6	160	190	243	<b>358HGA1850N</b>	●
18.8	+0.029/+0.008	20	h6	160	190	243	<b>358HGA1880N</b>	◎
19	+0.029/+0.008	20	h6	160	190	243	<b>358HGA1900N</b>	●
19.5	+0.029/+0.008	20	h6	160	190	243	<b>358HGA1950N</b>	●
19.8	+0.029/+0.008	20	h6	160	190	243	<b>358HGA1980N</b>	◎
20	+0.029/+0.008	20	h6	160	190	243	<b>358HGA2000N</b>	●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion


358HGA

	Werkstoffgruppe ISO 513	<b>P1</b>	<b>P2</b>	<b>P3 P4</b>	<b>P5 P6</b>	<b>P5</b>	<b>P7 P8</b>
	Härte/Rm	<500 N/mm <sup>2</sup>	500÷700 N/mm <sup>2</sup>	600÷1000 N/mm <sup>2</sup>	900÷1480 N/mm <sup>2</sup>	<700 N/mm <sup>2</sup>	850÷1200 N/mm <sup>2</sup>
	Vc (m/min)	<b>90÷120</b>	<b>80÷120</b>	<b>70÷110</b>	<b>55÷85</b>	<b>45÷70</b>	<b>35÷60</b>
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)
	<b>3</b>	0.150	0.150	0.130	0.105	0.076	0.057
	<b>4</b>	0.150	0.150	0.130	0.105	0.076	0.057
	<b>6</b>	0.190	0.190	0.170	0.133	0.114	0.095
	<b>8</b>	0.220	0.220	0.200	0.152	0.133	0.124
	<b>10</b>	0.220	0.220	0.200	0.152	0.133	0.124
	<b>12</b>	0.280	0.280	0.230	0.181	0.171	0.171
	<b>14</b>	0.320	0.320	0.250	0.209	0.190	0.190
	<b>16</b>	0.320	0.320	0.250	0.209	0.190	0.190
	<b>18</b>	0.380	0.380	0.300	0.228	0.228	0.228
<b>20</b>	0.380	0.380	0.300	0.228	0.228	0.228	

358HGA

	Werkstoffgruppe ISO 513	<b>M1</b>	<b>M2</b>	<b>M3</b>			
	Härte/Rm	<750 N/mm <sup>2</sup>	550÷850 N/mm <sup>2</sup>	650÷950 N/mm <sup>2</sup>			
	Vc (m/min)	<b>40÷60</b>	<b>40÷60</b>	<b>30÷50</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	<b>3</b>	0.800	0.060	0.060			
	<b>4</b>	0.800	0.060	0.060			
	<b>6</b>	0.100	0.080	0.080			
	<b>8</b>	0.100	0.080	0.080			
	<b>10</b>	0.120	0.100	0.100			
	<b>12</b>	0.120	0.100	0.100			
	<b>14</b>	0.140	0.120	0.120			
	<b>16</b>	0.140	0.120	0.120			
	<b>18</b>	0.160	0.140	0.140			
<b>20</b>	0.160	0.140	0.140				

358HGA

	Werkstoffgruppe ISO 513	<b>K1</b>	<b>K2</b>	<b>K3</b>			
	Härte/Rm	150÷250 HB	150÷350 HB	250÷500 HB			
	Vc (m/min)	<b>100÷120</b>	<b>80÷110</b>	<b>65÷95</b>			
	DC (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)			
	<b>3</b>	0.162	0.143	0.086			
	<b>4</b>	0.190	0.162	0.095			
	<b>6</b>	0.238	0.190	0.124			
	<b>8</b>	0.257	0.238	0.152			
	<b>10</b>	0.285	0.266	0.190			
	<b>12</b>	0.314	0.285	0.209			
	<b>14</b>	0.342	0.314	0.228			
	<b>16</b>	0.380	0.333	0.247			
	<b>18</b>	0.399	0.361	0.266			
<b>20</b>	0.428	0.380	0.266				



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