







# Single-fluted gun drills

Standard	Type	Tool illustration	Drilling depth	Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	------	-------------------	----------------	---------------	---------	----	-------------	----------------	---------------------

## EB 100 single-fluted gun drills

Single-fluted gun drills

Guhring std.	EB 100		<i>NEW</i> 25xD	Solid carbide		1,000 - 12,000	5646	123	665
Guhring std.	EB 100		<i>NEW</i> 50xD						
Guhring std.	EB 100		<i>NEW</i> 75xD						



Standard	Type	Tool illustration	Flute length (mm)	Tool material	Surface	d1	Gühring no.	Discount group	Standard range page
----------	------	-------------------	-------------------	---------------	---------	----	-------------	----------------	---------------------

## EB 100 single-fluted gun drills

Gühring std.	EB 100		45.00	Solid carbide	○	1,200 - 3,200	<b>5024</b>	123	668
Gühring std.	EB 100		45.00	Solid carbide	Ⓐ	2,000 - 3,200	<b>5632</b>	123	668
Gühring std.	EB 100		80.00	Solid carbide	○	1,200 - 5,000	<b>5020</b>	123	669
Gühring std.	EB 100		80.00	Solid carbide	Ⓐ	2,000 - 5,000	<b>5633</b>	123	669
Gühring std.	EB 100		120.00	Solid carbide	○	1,500 - 5,000	<b>5026</b>	123	670
Gühring std.	EB 100		120.00	Solid carbide	Ⓐ	2,000 - 5,000	<b>5637</b>	123	670
Gühring std.	EB 100		160.00	Solid carbide	○	1,500 - 8,000	<b>5021</b>	123	671
Gühring std.	EB 100		160.00	Solid carbide	Ⓐ	2,000 - 8,000	<b>5638</b>	123	671

Single-fluted gun drills



# Single-fluted gun drills

Standard	Type	Tool illustration	Drilling depth	Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	------	-------------------	----------------	---------------	---------	----	-------------	----------------	---------------------

## EB 80 single-fluted gun drills

Single-fluted gun drills


Guhring std.	EB 80		20xD	Carbide	S	4,000 - 12,000	5018	123	672
Guhring std.	EB 80		20xD	Carbide	C	3,970 - 12,700	5639	123	672
Guhring std.	EB 80		30xD	Carbide	S	4,000 - 12,000	5460	123	673
Guhring std.	EB 80		30xD	Carbide	C	3,970 - 12,700	5640	123	673
Guhring std.	EB 80		40xD	Carbide	S	4,000 - 12,000	5022	123	674
Guhring std.	EB 80		40xD	Carbide	C	3,970 - 12,700	5641	123	674
Guhring std.	EB 80		80xD	Carbide	S	4,950 - 11,950	5023	123	675
Guhring std.	EB 80		80xD	Carbide	C	4,950 - 12,650	5642	123	675

○ bright
● steam tempered
◐ nitrided lands
● nitrided
● golden brown
Ⓐ TiAlN
ⓐ TiAlN nanoA
Ⓐ TiAlN SuperA




Standard	Type	Tool illustration	Drilling depth	Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	------	-------------------	----------------	---------------	---------	----	-------------	----------------	---------------------

## EB 800 single-fluted gun drills with indexable inserts


Guhring std.	EB 800		30xD	<b>Carbide</b>	<b>S</b>	16,000 - 24,000	<b>5644</b>	123	677
--------------	--------	---	------	----------------	----------	-----------------	-------------	-----	-----

Single-fluted gun drills


## Inserts for single-fluted gun drills EB 800

Guhring std.				<b>Solid carbide</b>	<b>S</b>	16,000 - 24,400	<b>5029</b>	123	678
--------------	--	---	--	----------------------	----------	-----------------	-------------	-----	-----

## Supporting strips for Single-fluted gun drills EB 800

Guhring std.				<b>Solid carbide</b>	<b>S</b>	16,000 - 40,000	<b>5030</b>	123	686
--------------	--	---	--	----------------------	----------	-----------------	-------------	-----	-----

## Clamping screws

Guhring std.						-	<b>4071</b>	140	694
--------------	--	---	--	--	--	---	-------------	-----	-----

## Torx screwdriver

Guhring std.						-	<b>1612</b>	140	695
--------------	--	---	--	--	--	---	-------------	-----	-----







# Two-fluted gun drills

Standard	Type	Tool illustration	Drilling depth	Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	------	-------------------	----------------	---------------	---------	----	-------------	----------------	---------------------

## ZB 80 two-fluted gun drills



Two-fluted gun drills

Guhring std.	ZB 80		30xD	Carbide		8,000 - 12,000	5019	123	696
Guhring std.	ZB 80		30xD	Carbide		8,000 - 12,000	5643	123	696




Standard	Tool illustration		Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	-------------------	--	---------------	---------	----	-------------	----------------	---------------------

## Drill bushes


Guhring std.		<i>NEW</i>	<b>HSS</b>		0,900 - 40,000	<b>5747</b>	123	697
Guhring std.		<i>NEW</i>	<b>Solid carbide</b>		0,900 - 40,000	<b>5748</b>	123	697

Accessories for Gun Drills


## Adjustment screws without sealing element

Guhring std.		<i>NEW</i>			M 6 X0,5 - M16 x1,5	<b>5754</b>	123	699
--------------	---	------------	--	--	---------------------	-------------	-----	-----


## Adjustment screws with sealing element

Guhring std.		<i>NEW</i>			M 6 X0,5 - M24 x1,5	<b>5755</b>	123	700
--------------	--	------------	--	--	---------------------	-------------	-----	-----


## Sealing disks for single-fluted gun drills

Guhring std.		<i>NEW</i>	<b>Vulkollan</b>		2,000 - 40,000	<b>5752</b>	123	702
--------------	---	------------	------------------	--	----------------	-------------	-----	-----


## Sealing disks for gun drills with 2 cutting lips

Guhring std.		<i>NEW</i>	<b>Vulkollan</b>		5,400 - 27,000	<b>5753</b>	123	704
--------------	---	------------	------------------	--	----------------	-------------	-----	-----

## Steady rest bushings for single- and double-fluted gun drills

Guhring std.		<i>NEW</i>	<b>Vulkollan</b>		2,000 - 36,699	<b>5749</b>	123	705
--------------	---	------------	------------------	--	----------------	-------------	-----	-----

## Moulded steady rest bushings for single-fluted gun drills


Guhring std.		<i>NEW</i>	<b>Vulkollan</b>		2,000 - 38,699	<b>5750</b>	123	707
--------------	---	------------	------------------	--	----------------	-------------	-----	-----



Standard	Tool illustration	Tool material	Surface	d1	Guhring no.	Discount group	Standard range page
----------	-------------------	---------------	---------	----	-------------	----------------	---------------------

## Moulded steady rest bushing for two-fluted gun drills

Accessories for Gun Drills

Guhring std.		<i>NEW</i>	<b>Vulkollan</b>	5,400 - 27,000	<b>5751</b>	123	709
--------------	---	------------	------------------	----------------	-------------	-----	-----

# Ex-stock range EB 100 全鎢鋼小徑槍鑽

刀具材質	Sol.carbide
鎢鋼等級	K30/K40
鈷領編號	5020
刃徑公差	h5
鍍層	無

溝長 $l_2 = 80$ mm					
直徑 mm		長度 mm			牌價
刃徑 $d_1$	柄徑 $d_2$	全長 $l_1$	溝長 $l_2$	柄長 $l_3$	
1.20	4	125	80	28	9,300
1.50	4	125	80	28	9,000
1.60	4	125	80	28	8,800
2.00	4	125	80	28	8,800
2.50	10	135	80	40	8,500
2.70	10	135	80	40	8,100
3.00	10	135	80	40	8,400
3.20	10	135	80	40	9,000
3.50	10	135	80	40	10,200
4.00	10	135	80	40	10,200
4.20	10	135	80	40	10,300
4.50	10	135	80	40	10,400
5.00	10	135	80	40	10,600

刀具材質	Sol.carbide
鎢鋼等級	K30/K40
鈷領編號	5021
刃徑公差	h5
鍍層	無

溝長 $l_2 = 160$ mm					
直徑 mm		長度 mm			牌價
刃徑 $d_1$	柄徑 $d_2$	全長 $l_1$	溝長 $l_2$	柄長 $l_3$	
1.50	4	205	160	28	10,200
1.60	4	205	160	28	10,100
2.00	4	205	160	28	10,000
2.50	10	215	160	40	9,700
2.70	10	215	160	40	9,900
3.00	10	215	160	40	9,900
3.20	10	215	160	40	10,800
3.50	10	215	160	40	12,000
4.00	10	215	160	40	13,000
4.20	10	215	160	40	13,000
4.50	10	215	160	40	13,500
5.00	10	215	160	40	13,500

刀具材質	Sol.carbide
鎢鋼等級	K30/K40
鈷領編號	5024
刃徑公差	h5
鍍層	無

溝長 $l_2 = 45$ mm					
直徑 mm		長度 mm			牌價
刃徑 $d_1$	柄徑 $d_2$	全長 $l_1$	溝長 $l_2$	柄長 $l_3$	
1.20	4	90	45	28	9,300
1.50	4	90	45	28	9,000
1.60	4	90	45	28	8,800
2.00	4	90	45	28	8,800
2.50	10	100	45	40	8,500
2.70	10	100	45	40	8,100
3.00	10	100	45	40	8,200
3.20	10	100	45	40	8,200

刀具材質	Sol.carbide
鎢鋼等級	K30/K40
鈷領編號	5026
刃徑公差	h5
鍍層	無

溝長 $l_2 = 120$ mm					
直徑 mm		長度 mm			牌價
刃徑 $d_1$	柄徑 $d_2$	全長 $l_1$	溝長 $l_2$	柄長 $l_3$	
1.50	4	165	120	28	10,200
1.60	4	165	120	28	10,100
2.00	4	165	120	28	10,000
2.50	10	175	120	40	9,600
2.70	10	175	120	40	9,500
3.00	10	175	120	40	8,700
3.20	10	175	120	40	8,800
3.50	10	175	120	40	9,300
4.00	10	175	120	40	9,500
4.20	10	175	120	40	10,400
4.50	10	175	120	40	10,500
5.00	10	175	120	40	10,800



## Ex-stock range EB80、ZB80 鎢鋼標準尺寸焊刃式槍鑽

						刀具材質	Sol.carbide							刀具材質	Sol.carbide								
						鎢鋼等級	K15							鎢鋼等級	K15								
						鈷領編號	5018							鈷領編號	5022								
						刃徑公差	h5							刃徑公差	h5								
						鍍層	TiN							鍍層	TiN								
直徑 mm		長度 mm				牌價	直徑 mm		長度 mm				牌價										
刃徑 d <sub>1</sub>	柄徑 d <sub>2</sub>	全長 l <sub>1</sub>	溝長 l <sub>2</sub>	柄長 l <sub>3</sub>	刃徑 d <sub>1</sub>		柄徑 d <sub>2</sub>	全長 l <sub>1</sub>	溝長 l <sub>2</sub>	柄長 l <sub>3</sub>													
5.00	16	180	130	48	5,700	5.00	16	280	232	48	6,200												
6.00	16	210	160	48	6,200	6.00	16	320	272	48	6,500												
8.00	16	260	210	48	6,600	8.00	16	420	372	48	7,300												
10.00	20	320	260	50	7,500	10.00	20	510	460	50	8,200												
12.00	20	370	310	50	9,100	12.00	20	600	550	50	9,500												

## ZB80 兩刃式槍鑽

						刀具材質	Sol.carbide							刀具材質	Sol.carbide								
						鎢鋼等級	K15							鎢鋼等級	K15								
						鈷領編號	5023							鈷領編號	5019								
						刃徑公差	h5							刃徑公差	h5								
						鍍層	TiN							鍍層	無								
												<p>※※加工鑄鐵、鋁合金專用</p>											
直徑 mm		長度 mm				牌價	直徑 mm		長度 mm				牌價										
刃徑 d <sub>1</sub>	柄徑 d <sub>2</sub>	全長 l <sub>1</sub>	溝長 l <sub>2</sub>	柄長 l <sub>3</sub>	刃徑 d <sub>1</sub>		柄徑 d <sub>2</sub>	全長 l <sub>1</sub>	溝長 l <sub>2</sub>	柄長 l <sub>3</sub>													
4.95	16	480	432	48	6,500	8.00	16	330	280	48	13,000												
5.95	16	560	512	48	6,800	10.00	20	390	340	50	15,000												
7.95	16	740	692	48	7,800	12.00	20	450	400	50	18,000												
9.95	20	910	860	50	8,600																		
11.95	20	1080	1030	50	10,600																		