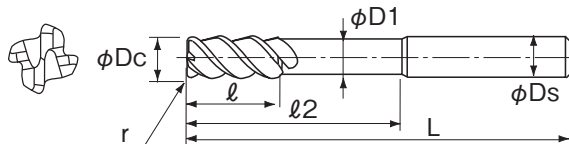
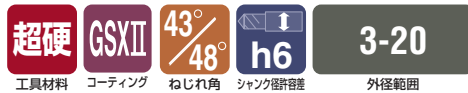


GSXVLLS4T-R-1.5D

GSX MILL VL ロングシャンク ラジアス 1.5D Ti・SUS 用
GSX MILL VL Long Shank Radius 1.5D for Ti・SUS

- 立ち壁、深彫り加工でもびびりを抑制し、高能率・高品位加工が可能です。

High performance and quality drilling are possible by suppressing chatter while working on vertical faces or shaping.



LIST 9104

オーダ方法 商品記号

切削条件 Cutting Condition ●D-117

単位 (Unit) : mm

商品記号 Code	外径 Dc	コーナ半径 r	刃長 ℓ	首下長さ ℓ ₂	首径 D ₁	全長 L	シャンク径 Ds	在庫 Stock	参考価格(円) Price (¥)			
GSXVLLS4030T-R02-1.5D	3	0.2	4.5	15	2.9	60	6		11,500			
GSXVLLS4030T-R05-1.5D		0.5							11,500			
GSXVLLS4040T-R02-1.5D	4	0.2	6	20	3.8				12,100			
GSXVLLS4040T-R05-1.5D		0.5							12,100			
GSXVLLS4050T-R02-1.5D	5	0.2	7.5	25	4.8				12,900			
GSXVLLS4050T-R05-1.5D		0.5							12,900			
GSXVLLS4060T-R03-1.5D	6	0.3	9	30	5.8				14,100			
GSXVLLS4060T-R05-1.5D		0.5							14,100			
GSXVLLS4060T-R10-1.5D	6	1							14,100			
GSXVLLS4070T-R03-1.5D		0.3							16,800			
GSXVLLS4070T-R05-1.5D	7	0.5	10.5	—	—	80	8		16,800			
GSXVLLS4070T-R10-1.5D		1							16,800			
GSXVLLS4080T-R03-1.5D	8	0.3	12	40	7.7				16,800			
GSXVLLS4080T-R05-1.5D		0.5							16,800			
GSXVLLS4080T-R10-1.5D	8	1							16,800			
GSXVLLS4090T-R03-1.5D		0.3							21,800			
GSXVLLS4090T-R05-1.5D	9	0.5	13.5	—	—	90	9		21,800			
GSXVLLS4090T-R10-1.5D		1							21,800			
GSXVLLS4100T-R03-1.5D	10	0.3	15	50	9.7				100	10		21,800
GSXVLLS4100T-R05-1.5D		0.5										21,800
GSXVLLS4100T-R10-1.5D	10	1										21,800
GSXVLLS4100T-R20-1.5D		2										21,800
GSXVLLS4110T-R03-1.5D	11	0.3	16.5	—	—	110	11					29,500
GSXVLLS4110T-R05-1.5D		0.5										29,500
GSXVLLS4110T-R10-1.5D	11	1							29,500			
GSXVLLS4110T-R20-1.5D		2							29,500			
GSXVLLS4120T-R03-1.5D	12	0.5	18	60	11.7				120	12		29,500
GSXVLLS4120T-R05-1.5D		1										29,500
GSXVLLS4120T-R10-1.5D	12	2				29,500						
GSXVLLS4120T-R20-1.5D		3				29,500						
GSXVLLS4130T-R03-1.5D	13	0.5	19.5	—	—	140	13					40,700
GSXVLLS4130T-R05-1.5D		1										40,700
GSXVLLS4130T-R10-1.5D	13	2							40,700			
GSXVLLS4130T-R20-1.5D		3							40,700			
GSXVLLS4160T-R03-1.5D	16	1	24	80	15.5				140	16		53,200
GSXVLLS4160T-R05-1.5D		2										53,200
GSXVLLS4160T-R10-1.5D	16	3				53,200						
GSXVLLS4170T-R03-1.5D		1				72,500						
GSXVLLS4170T-R05-1.5D	17	2	25.5	—	—	150	17					72,500
GSXVLLS4170T-R10-1.5D		3										72,500
GSXVLLS4200T-R03-1.5D	20	1	30	100	19.5				160	20		77,400
GSXVLLS4200T-R05-1.5D		2										77,400
GSXVLLS4200T-R10-1.5D	20	3										77,400
GSXVLLS4200T-R20-1.5D		4										77,400

コーナ半径許容差：+ 0.02 ～ - 0.01

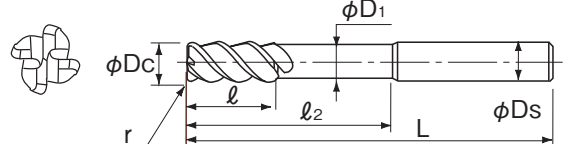
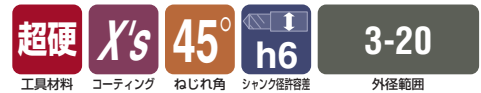
外径 Dc (mm)		許容差 Tolerance (mm)
を超え Above	以下 Up to	外径 Dc
	3	0 ～ - 0.015
3	12	0 ～ - 0.020
12		0 ～ - 0.030

4GEOLS-R

X's ミル ジオ ラジアス ロングシャンク
X's-mill Geo Radius Long Shank

- 金型や機械部品で深い位置の隅 R 加工に最適です。
- 深彫りでも高精度加工が可能です。

This end mill meets accurate surface in deep side face, and is used for corner radius.



LIST 9348

オーダ方法 商品記号

切削条件 Cutting Condition ●D-117

単位 (Unit) : mm

商品記号 Code	外径 Dc	コーナ半径 r	刃長 ℓ	首下長さ ℓ ₂	首径 D ₁	全長 L	シャンク径 Ds	在庫 Stock	参考価格(円) Price (¥)
4GEOLS3R0.2	3	0.2	4.5	12	2.9	60	6		10,700
4GEOLS3R0.5		0.5							10,700
4GEOLS4R0.2	4	0.2	6	16	3.8				11,300
4GEOLS4R0.5		0.5							11,300
4GEOLS5R0.2	5	0.2	7.5	20	4.8				11,000
4GEOLS5R0.5		0.5							11,000
4GEOLS6R0.3	6	0.3	9	24	5.8				11,900
4GEOLS6R0.5		0.5							11,900
4GEOLS7R0.3	7	0.3	10.5	—	—	80	8		14,200
4GEOLS7R0.5		0.5							14,200
4GEOLS8R0.5	8	0.5	12	34	7.7				14,700
4GEOLS8R1		1							14,700
4GEOLS9R0.5	9	0.5	13.5	—	—	90			17,100
4GEOLS9R1		1							17,100
4GEOLS10R0.5	10	0.5	15	42	9.7	100	10		20,900
4GEOLS10R1		1							20,900
4GEOLS10R1.5	10	1.5							20,900
4GEOLS11R0.5		0.5							26,000
4GEOLS11R1	11	1	16.5	—	—	120	12		26,000
4GEOLS11R1.5		1.5							26,000
4GEOLS12R0.5	12	0.5	18	50	11.7				28,600
4GEOLS12R1		1							28,600
4GEOLS12R1.5	12	1.5				28,600			
4GEOLS13R0.5		0.5				31,500			
4GEOLS13R1	13	1	19.5	—	—	130	13		31,500
4GEOLS13R1.5		1.5							31,500
4GEOLS16R1	16	1	24	66	15.5	160	16		56,800
4GEOLS16R1.5		1.5							56,800
4GEOLS16R2	2	56,800							
4GEOLS17R1	17	1	25.5	—	—	170			62,500
4GEOLS17R1.5		1.5					62,500		
4GEOLS17R2	17	2				62,500			
4GEOLS20R1		1				88,900			
4GEOLS20R1.5	20	1.5	30	82	19.5	200	20		88,900
4GEOLS20R2		2							88,900

外径 Dc (mm)		許公差 Tolerance (mm)	
を超え Above	以下 Up to	外径 Dc	r
	3	- 0.014 ~ - 0.028	+ 0.02 ~ - 0.01
3	6	- 0.020 ~ - 0.038	
6	10	- 0.025 ~ - 0.047	
10		- 0.032 ~ - 0.059	