

VariDrillの先進のポイント形状設計により、多目的のドリル加工に対し、究極のソリューションを提供します。切れ刃の欠損を低減することにより、あらゆる被削材で信頼できる工具寿命を実現します。

- 切れ刃の欠損を低減し、工具寿命を延長。
- ブレーカー形状設計により、強度と汎用性を実現。
- さまざまな被削材で適切な表面仕上げが可能。鋼、ステンレス鋼、鋳鉄、アルミニウム、および耐熱合金。

被削材：



長さ

スルークーラントチャンネル付き
およびスルークーラントチャンネル
無しをご用意。



径範囲

1-20 mm

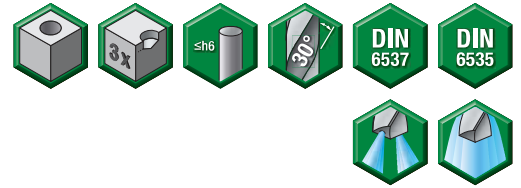
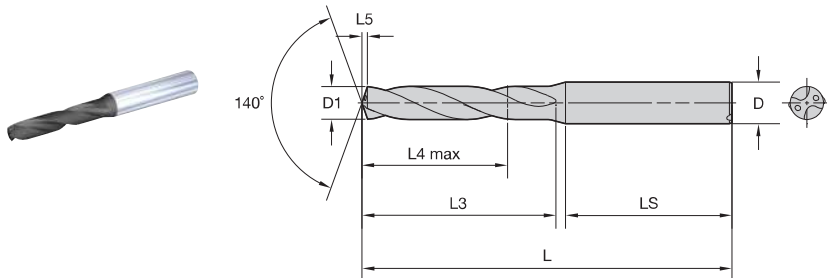


材種：

WU25PD



VDS201A • VDS401A • 3 x D



● 第1選択
○ 第2選択

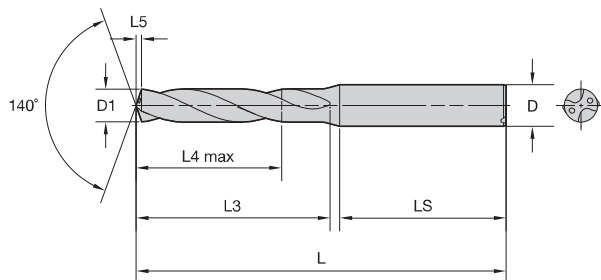
P	●
M	●
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS201A01000	1,000	.0394	5	7	0.1	58	28	4	e	4144195
VDS201A01100	1,100	.0433	5	7	0.2	58	28	4	e	4144200
VDS201A01200	1,200	.0472	5	7	0.2	58	28	4	e	4144523
VDS201A01300	1,300	.0512	5	7	0.2	58	28	4	e	4144524
VDS201A01400	1,400	.0551	5	7	0.2	58	28	4	e	4144527
VDS201A01500	1,500	.0591	6	9	0.2	58	28	4	e	4144528
VDS401A01500	1,500	.0591	6	9	0.2	58	28	4	i	4140270
VDS201A01600	1,600	.0630	6	9	0.2	58	28	4	e	4144529
VDS401A01600	1,600	.0630	6	9	0.2	58	28	4	i	4140271
VDS201A01700	1,700	.0669	6	9	0.3	58	28	4	e	4144530
VDS401A01700	1,700	.0669	6	9	0.3	58	28	4	i	4140272
VDS201A01800	1,800	.0709	6	9	0.3	58	28	4	e	4144531
VDS401A01800	1,800	.0709	6	9	0.3	58	28	4	i	4140423
VDS201A01900	1,900	.0748	6	9	0.3	58	28	4	e	4144532
VDS401A01900	1,900	.0748	6	9	0.3	58	28	4	i	4140424
VDS201A01984	1,984	.0781	10	13	0.3	58	28	4	e	4144533
VDS201A02000	2,000	.0787	10	13	0.3	58	28	4	e	4144534
VDS401A02000	2,000	.0787	10	13	0.3	58	28	4	i	4140426
VDS201A02100	2,100	.0827	10	13	0.3	58	28	4	e	4144535
VDS401A02100	2,100	.0827	10	13	0.3	58	28	4	i	4140427
VDS201A02200	2,200	.0866	10	13	0.3	58	28	4	e	4144536
VDS401A02200	2,200	.0866	10	13	0.3	58	28	4	i	4140428
VDS201A02300	2,300	.0906	10	13	0.4	58	28	4	e	4144537
VDS401A02300	2,300	.0906	10	13	0.4	58	28	4	i	4140429
VDS201A02400	2,400	.0945	12	17	0.4	58	28	4	e	4144539
VDS401A02400	2,400	.0945	12	17	0.4	58	28	4	i	4140431
VDS201A02500	2,500	.0984	12	17	0.4	58	28	4	e	4144542
VDS401A02500	2,500	.0984	12	17	0.4	58	28	4	i	4140434
VDS201A02600	2,600	.1024	12	17	0.4	58	28	4	e	4144544
VDS401A02600	2,600	.1024	12	17	0.4	58	28	4	i	4140436
VDS201A02700	2,700	.1063	12	17	0.4	58	28	4	e	4144546
VDS401A02700	2,700	.1063	12	17	0.4	58	28	4	i	4140438
VDS201A02800	2,800	.1102	12	17	0.5	58	28	4	e	4144549
VDS401A02800	2,800	.1102	12	17	0.5	58	28	4	i	4140441
VDS201A02900	2,900	.1142	12	17	0.5	58	28	4	e	4144552
VDS401A02900	2,900	.1142	12	17	0.5	58	28	4	i	4140444
VDS201A02947	2,947	.1160	12	17	0.5	58	28	4	e	4144553
VDS201A03000	3,000	.1181	14	20	0.5	62	36	6	e	4143907
VDS401A03000	3,000	.1181	14	20	0.5	62	36	6	i	4140299
VDS201A03048	3,048	.1200	14	20	0.5	62	36	6	e	4143908
VDS401A03048	3,048	.1200	14	20	0.5	62	36	6	i	4140300
VDS201A03100	3,100	.1220	14	20	0.5	62	36	6	e	4143909
VDS401A03100	3,100	.1220	14	20	0.5	62	36	6	i	4140301
VDS201A03200	3,200	.1260	14	20	0.5	62	36	6	e	4143911
VDS401A03200	3,200	.1260	14	20	0.5	62	36	6	i	4140303
VDS201A03300	3,300	.1299	14	20	0.5	62	36	6	e	4143913
VDS401A03300	3,300	.1299	14	20	0.5	62	36	6	i	4140305
VDS201A03400	3,400	.1339	14	20	0.6	62	36	6	e	4143914
VDS401A03400	3,400	.1339	14	20	0.6	62	36	6	i	4140306
VDS201A03500	3,500	.1378	14	20	0.6	62	36	6	e	4143916
VDS401A03500	3,500	.1378	14	20	0.6	62	36	6	i	4140308
VDS201A03600	3,600	.1417	14	20	0.6	62	36	6	e	4143918
VDS401A03600	3,600	.1417	14	20	0.6	62	36	6	i	4140310
VDS201A03700	3,700	.1457	14	20	0.6	62	36	6	e	4143920
VDS401A03700	3,700	.1457	14	20	0.6	62	36	6	i	4140312
VDS201A03734	3,734	.1470	14	20	0.6	62	36	6	e	4140313
VDS401A03734	3,734	.1470	14	20	0.6	62	36	6	i	4140313

超硬ソリッドドリル・VariDrill™

VDS201A・VDS401A・3 x D

(つづく)



- 第1選択
- 第2選択

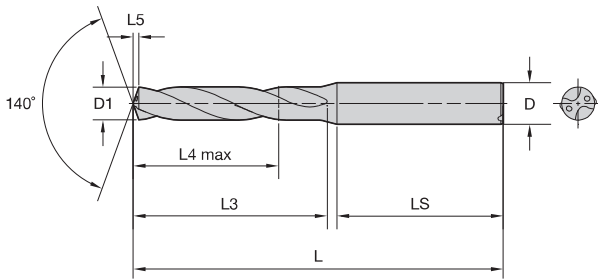
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS201A03800	3,800	.1496	17	24	0.6	66	36	6	e	4143922
VDS401A03800	3,800	.1496	17	24	0.6	66	36	6	i	4140314
VDS201A03900	3,900	.1535	17	24	0.6	66	36	6	e	4143923
VDS401A03900	3,900	.1535	17	24	0.6	66	36	6	i	4140315
VDS201A04000	4,000	.1575	17	24	0.7	66	36	6	e	4143925
VDS401A04000	4,000	.1575	17	24	0.7	66	36	6	i	4140317
VDS201A04039	4,039	.1590	17	24	0.7	66	36	6	e	4143926
VDS201A04100	4,100	.1614	17	24	0.7	66	36	6	e	4143928
VDS401A04100	4,100	.1614	17	24	0.7	66	36	6	i	4140320
VDS201A04200	4,200	.1654	17	24	0.7	66	36	6	e	4143929
VDS401A04200	4,200	.1654	17	24	0.7	66	36	6	i	4140321
VDS201A04300	4,300	.1693	17	24	0.7	66	36	6	e	4143931
VDS401A04300	4,300	.1693	17	24	0.7	66	36	6	i	4140323
VDS201A04400	4,400	.1732	17	24	0.7	66	36	6	e	4143933
VDS401A04400	4,400	.1732	17	24	0.7	66	36	6	i	4140325
VDS201A04500	4,500	.1772	17	24	0.7	66	36	6	e	4143934
VDS401A04500	4,500	.1772	17	24	0.7	66	36	6	i	4140326
VDS201A04600	4,600	.1811	17	24	0.8	66	36	6	e	4143935
VDS401A04600	4,600	.1811	17	24	0.8	66	36	6	i	4140328
VDS201A04700	4,700	.1850	17	24	0.8	66	36	6	e	4143937
VDS401A04700	4,700	.1850	17	24	0.8	66	36	6	i	4140330
VDS201A04763	4,763	.1875	20	28	0.8	66	36	6	e	4143938
VDS201A04800	4,800	.1890	20	28	0.8	66	36	6	e	4143939
VDS401A04800	4,800	.1890	20	28	0.8	66	36	6	i	4140332
VDS201A04900	4,900	.1929	20	28	0.8	66	36	6	e	4143941
VDS401A04900	4,900	.1929	20	28	0.8	66	36	6	i	4140334
VDS201A05000	5,000	.1969	20	28	0.8	66	36	6	e	4143942
VDS401A05000	5,000	.1969	20	28	0.8	66	36	6	i	4140335
VDS201A05100	5,100	.2008	20	28	0.9	66	36	6	e	4143943
VDS401A05100	5,100	.2008	20	28	0.9	66	36	6	i	4140336
VDS201A05200	5,200	.2047	20	28	0.9	66	36	6	e	4143946
VDS401A05200	5,200	.2047	20	28	0.9	66	36	6	i	4140339
VDS201A05300	5,300	.2087	20	28	0.9	66	36	6	e	4143947
VDS401A05300	5,300	.2087	20	28	0.9	66	36	6	i	4140340
VDS201A05400	5,400	.2126	20	28	0.9	66	36	6	e	4143948
VDS401A05400	5,400	.2126	20	28	0.9	66	36	6	i	4140341
VDS201A05500	5,500	.2165	20	28	0.9	66	36	6	e	4143950
VDS401A05500	5,500	.2165	20	28	0.9	66	36	6	i	4140343
VDS201A05600	5,600	.2205	20	28	0.9	66	36	6	e	4143952
VDS401A05600	5,600	.2205	20	28	0.9	66	36	6	i	4140345
VDS201A05700	5,700	.2244	20	28	1.0	66	36	6	e	4143954
VDS401A05700	5,700	.2244	20	28	1.0	66	36	6	i	4140347
VDS201A05800	5,800	.2283	20	28	1.0	66	36	6	e	4143955
VDS401A05800	5,800	.2283	20	28	1.0	66	36	6	i	4140348
VDS201A05900	5,900	.2323	20	28	1.0	66	36	6	e	4143956
VDS401A05900	5,900	.2323	20	28	1.0	66	36	6	i	4140349
VDS201A06000	6,000	.2362	20	28	1.0	66	36	6	e	4143958
VDS401A06000	6,000	.2362	20	28	1.0	66	36	6	i	4140351
VDS201A06100	6,100	.2402	24	34	1.0	79	36	8	e	4143959
VDS401A06100	6,100	.2402	24	34	1.0	79	36	8	i	4140352
VDS201A06200	6,200	.2441	24	34	1.0	79	36	8	e	4143960
VDS401A06200	6,200	.2441	24	34	1.0	79	36	8	i	4140353
VDS201A06300	6,300	.2480	24	34	1.1	79	36	8	e	4143961
VDS401A06300	6,300	.2480	24	34	1.1	79	36	8	i	4140354
VDS201A06350	6,350	.2500	24	34	1.1	79	36	8	e	4143962
VDS201A06400	6,400	.2520	24	34	1.1	79	36	8	e	4143963
VDS401A06400	6,400	.2520	24	34	1.1	79	36	8	i	4140356
VDS201A06500	6,500	.2559	24	34	1.1	79	36	8	e	4143964
VDS401A06500	6,500	.2559	24	34	1.1	79	36	8	i	4140357
VDS201A06600	6,600	.2598	24	34	1.1	79	36	8	e	4143966
VDS401A06600	6,600	.2598	24	34	1.1	79	36	8	i	4140359
VDS201A06700	6,700	.2638	24	34	1.1	79	36	8	e	4143968
VDS401A06700	6,700	.2638	24	34	1.1	79	36	8	i	4140361
VDS201A06800	6,800	.2677	24	34	1.1	79	36	8	e	4143970

スローアウェイミーリング
 ハリッドエントミーリング
 穴あけ加工
 旋削加工

VDS201A・VDS401A・3 x D

(つづく)



- 第1選択
- 第2選択

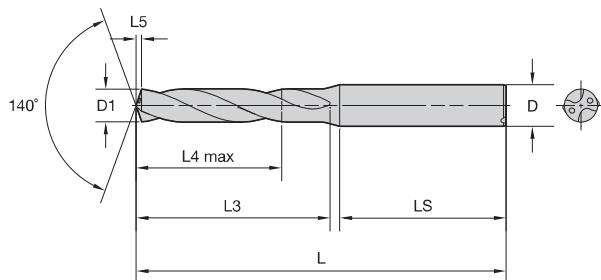
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS401A06800	6.800	.2677	24	34	1.1	79	36	8	i	4140363
VDS201A06900	6.900	.2717	24	34	1.2	79	36	8	e	4143971
VDS401A06900	6.900	.2717	24	34	1.2	79	36	8	i	4140364
VDS201A07000	7.000	.2756	24	34	1.2	79	36	8	e	4143972
VDS401A07000	7.000	.2756	24	34	1.2	79	36	8	i	4140365
VDS201A07100	7.100	.2795	29	41	1.2	79	36	8	e	4143973
VDS401A07100	7.100	.2795	29	41	1.2	79	36	8	i	4140366
VDS201A07200	7.200	.2835	29	41	1.2	79	36	8	e	4143975
VDS401A07200	7.200	.2835	29	41	1.2	79	36	8	i	4140368
VDS201A07300	7.300	.2874	29	41	1.2	79	36	8	e	4143976
VDS401A07300	7.300	.2874	29	41	1.2	79	36	8	i	4140369
VDS201A07400	7.400	.2913	29	41	1.3	79	36	8	e	4143977
VDS401A07400	7.400	.2913	29	41	1.3	79	36	8	i	4140370
VDS201A07500	7.500	.2953	29	41	1.3	79	36	8	e	4143978
VDS401A07500	7.500	.2953	29	41	1.3	79	36	8	i	4140371
VDS201A07600	7.600	.2992	29	41	1.3	79	36	8	e	4143980
VDS401A07600	7.600	.2992	29	41	1.3	79	36	8	i	4140373
VDS201A07700	7.700	.3031	29	41	1.3	79	36	8	e	4143981
VDS401A07700	7.700	.3031	29	41	1.3	79	36	8	i	4140374
VDS201A07800	7.800	.3071	29	41	1.3	79	36	8	e	4143982
VDS401A07800	7.800	.3071	29	41	1.3	79	36	8	i	4140375
VDS201A07900	7.900	.3110	29	41	1.3	79	36	8	e	4143983
VDS401A07900	7.900	.3110	29	41	1.3	79	36	8	i	4140376
VDS201A07938	7.938	.3125	29	41	1.3	79	36	8	e	4143984
VDS401A08000	8.000	.3150	29	41	1.4	79	36	8	e	4143985
VDS401A08000	8.000	.3150	29	41	1.4	79	36	8	i	4140378
VDS201A08100	8.100	.3189	35	47	1.4	89	40	10	e	4143986
VDS401A08100	8.100	.3189	35	47	1.4	89	40	10	i	4140379
VDS201A08200	8.200	.3228	35	47	1.4	89	40	10	e	4143987
VDS401A08200	8.200	.3228	35	47	1.4	89	40	10	i	4140380
VDS201A08300	8.300	.3268	35	47	1.4	89	40	10	e	4143988
VDS401A08300	8.300	.3268	35	47	1.4	89	40	10	i	4140381
VDS201A08400	8.400	.3307	35	47	1.4	89	40	10	e	4143990
VDS401A08400	8.400	.3307	35	47	1.4	89	40	10	i	4140383
VDS201A08500	8.500	.3346	35	47	1.4	89	40	10	e	4143992
VDS401A08500	8.500	.3346	35	47	1.4	89	40	10	i	4140385
VDS201A08600	8.600	.3386	35	47	1.5	89	40	10	e	4143993
VDS401A08600	8.600	.3386	35	47	1.5	89	40	10	i	4140386
VDS201A08700	8.700	.3425	35	47	1.5	89	40	10	e	4143994
VDS401A08700	8.700	.3425	35	47	1.5	89	40	10	i	4140387
VDS201A08800	8.800	.3465	35	47	1.5	89	40	10	e	4143996
VDS401A08800	8.800	.3465	35	47	1.5	89	40	10	i	4140389
VDS201A08900	8.900	.3504	35	47	1.5	89	40	10	e	4143997
VDS401A08900	8.900	.3504	35	47	1.5	89	40	10	i	4140390
VDS201A09000	9.000	.3543	35	47	1.5	89	40	10	e	4143998
VDS401A09000	9.000	.3543	35	47	1.5	89	40	10	i	4140391
VDS201A09100	9.100	.3583	35	47	1.5	89	40	10	e	4143999
VDS401A09100	9.100	.3583	35	47	1.6	89	40	10	i	4140392
VDS201A09200	9.200	.3622	35	47	1.6	89	40	10	e	4144001
VDS401A09200	9.200	.3622	35	47	1.6	89	40	10	i	4140394
VDS201A09300	9.300	.3661	35	47	1.6	89	40	10	e	4144002
VDS401A09300	9.300	.3661	35	47	1.6	89	40	10	i	4140395
VDS201A09400	9.400	.3701	35	47	1.6	89	40	10	e	4144004
VDS401A09400	9.400	.3701	35	47	1.6	89	40	10	i	4140397
VDS201A09500	9.500	.3740	35	47	1.6	89	40	10	e	4144005
VDS401A09500	9.500	.3740	35	47	1.6	89	40	10	i	4140398
VDS201A09600	9.600	.3780	35	47	1.6	89	40	10	e	4144007
VDS401A09600	9.600	.3780	35	47	1.6	89	40	10	i	4140400
VDS201A09700	9.700	.3819	35	47	1.7	89	40	10	e	4144008
VDS401A09700	9.700	.3819	35	47	1.7	89	40	10	i	4140401
VDS201A09800	9.800	.3858	35	47	1.7	89	40	10	e	4144009
VDS401A09800	9.800	.3858	35	47	1.7	89	40	10	i	4140402
VDS201A09900	9.900	.3898	35	47	1.7	89	40	10	e	4144010
VDS401A09900	9.900	.3898	35	47	1.7	89	40	10	i	4140403

超硬ソリッドドリル・VariDrill™

VDS201A・VDS401A・3 x D

(つづく)



- 第1選択
- 第2選択

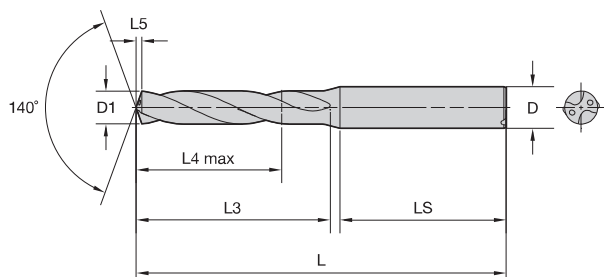
P	●
M	●
K	●
N	●
S	●
H	●

型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS201A10000	10,000	.3937	35	47	1.7	89	40	10	e	4144172
VDS401A10000	10,000	.3937	35	47	1.7	89	40	10	i	4140001
VDS201A10100	10,100	.3976	40	55	1.7	102	45	12	e	4144423
VDS401A10100	10,100	.3976	40	55	1.7	102	45	12	i	4140002
VDS201A10200	10,200	.4016	40	55	1.7	102	45	12	e	4144424
VDS401A10200	10,200	.4016	40	55	1.7	102	45	12	i	4140163
VDS201A10300	10,300	.4055	40	55	1.8	102	45	12	e	4144425
VDS401A10300	10,300	.4055	40	55	1.8	102	45	12	i	4140164
VDS201A10400	10,400	.4094	40	55	1.8	102	45	12	e	4144427
VDS401A10400	10,400	.4094	40	55	1.8	102	45	12	i	4140166
VDS201A10500	10,500	.4134	40	55	1.8	102	45	12	e	4144428
VDS401A10500	10,500	.4134	40	55	1.8	102	45	12	i	4140167
VDS201A10600	10,600	.4173	40	55	1.8	102	45	12	e	4144429
VDS401A10600	10,600	.4173	40	55	1.8	102	45	12	i	4140168
VDS201A10700	10,700	.4213	40	55	1.8	102	45	12	e	4144430
VDS401A10700	10,700	.4213	40	55	1.8	102	45	12	i	4140169
VDS201A10800	10,800	.4252	40	55	1.9	102	45	12	e	4144432
VDS401A10800	10,800	.4252	40	55	1.9	102	45	12	i	4140171
VDS201A10900	10,900	.4291	40	55	1.9	102	45	12	e	4144433
VDS401A10900	10,900	.4291	40	55	1.9	102	45	12	i	4140172
VDS201A11000	11,000	.4331	40	55	1.9	102	45	12	e	4144434
VDS401A11000	11,000	.4331	40	55	1.9	102	45	12	i	4140173
VDS201A11100	11,100	.4370	40	55	1.9	102	45	12	e	4144435
VDS401A11100	11,100	.4370	40	55	1.9	102	45	12	i	4140174
VDS201A11200	11,200	.4409	40	55	1.9	102	45	12	e	4144437
VDS401A11200	11,200	.4409	40	55	1.9	102	45	12	i	4140176
VDS201A11300	11,300	.4449	40	55	1.9	102	45	12	e	4144438
VDS401A11300	11,300	.4449	40	55	1.9	102	45	12	i	4140177
VDS201A11400	11,400	.4488	40	55	2.0	102	45	12	e	4144439
VDS401A11400	11,400	.4488	40	55	2.0	102	45	12	i	4140178
VDS201A11500	11,500	.4528	40	55	2.0	102	45	12	e	4144440
VDS401A11500	11,500	.4528	40	55	2.0	102	45	12	i	4140179
VDS201A11600	11,600	.4567	40	55	2.0	102	45	12	e	4144442
VDS401A11600	11,600	.4567	40	55	2.0	102	45	12	i	4140181
VDS201A11700	11,700	.4606	40	55	2.0	102	45	12	e	4144443
VDS401A11700	11,700	.4606	40	55	2.0	102	45	12	i	4140182
VDS201A11800	11,800	.4646	40	55	2.0	102	45	12	e	4144444
VDS401A11800	11,800	.4646	40	55	2.0	102	45	12	i	4140183
VDS201A11900	11,900	.4685	40	55	2.0	102	45	12	e	4144445
VDS401A11900	11,900	.4685	40	55	2.0	102	45	12	i	4140184
VDS201A12000	12,000	.4724	40	55	2.1	102	45	12	e	4144447
VDS401A12000	12,000	.4724	40	55	2.1	102	45	12	i	4140186
VDS201A12100	12,100	.4764	43	60	2.1	107	45	14	e	4144448
VDS401A12100	12,100	.4764	43	60	2.1	107	45	14	i	4140187
VDS201A12200	12,200	.4803	43	60	2.1	107	45	14	e	4144449
VDS401A12200	12,200	.4803	43	60	2.1	107	45	14	i	4140188
VDS201A12300	12,300	.4843	43	60	2.1	107	45	14	e	4144450
VDS401A12300	12,300	.4843	43	60	2.1	107	45	14	i	4140189
VDS201A12400	12,400	.4882	43	60	2.1	107	45	14	e	4144451
VDS401A12400	12,400	.4882	43	60	2.1	107	45	14	i	4140191
VDS201A12500	12,500	.4921	43	60	2.2	107	45	14	e	4144453
VDS401A12500	12,500	.4921	43	60	2.2	107	45	14	i	4140192
VDS201A12600	12,600	.4961	43	60	2.2	107	45	14	e	4144454
VDS401A12600	12,600	.4961	43	60	2.2	107	45	14	i	4140194
VDS201A12700	12,700	.5000	43	60	2.2	107	45	14	e	4144455
VDS401A12700	12,700	.5000	43	60	2.2	107	45	14	i	4140195
VDS201A12800	12,800	.5039	43	60	2.2	107	45	14	e	4144456
VDS401A12800	12,800	.5039	43	60	2.2	107	45	14	i	4140196
VDS201A12900	12,900	.5079	43	60	2.2	107	45	14	e	4144457
VDS401A12900	12,900	.5079	43	60	2.2	107	45	14	i	4140197
VDS201A13000	13,000	.5118	43	60	2.2	107	45	14	e	4144458
VDS401A13000	13,000	.5118	43	60	2.2	107	45	14	i	4140198
VDS201A13100	13,100	.5157	43	60	2.3	107	45	14	e	4144460
VDS401A13100	13,100	.5157	43	60	2.3	107	45	14	i	4140200
VDS201A13200	13,200	.5197	43	60	2.3	107	45	14	e	4144461
VDS401A13200	13,200	.5197	43	60	2.3	107	45	14	i	4140201
VDS201A13300	13,300	.5236	43	60	2.3	107	45	14	e	4144462
VDS401A13300	13,300	.5236	43	60	2.3	107	45	14	i	4140202

スローアウェイミーリング
 ハリッドエッジミーリング
 穴あけ加工
 旋削加工

VDS201A・VDS401A・3 x D

(つづく)



- 第1選択
- 第2選択

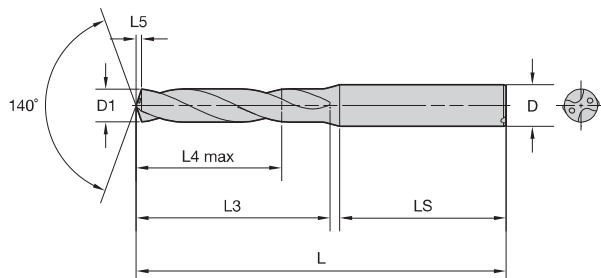
P	●
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS401A13400	13,400	.5276	43	60	2.3	107	45	14	i	4140203
VDS201A13500	13,500	.5315	43	60	2.3	107	45	14	e	4144464
VDS401A13500	13,500	.5315	43	60	2.3	107	45	14	i	4140204
VDS201A13600	13,600	.5354	43	60	2.3	107	45	14	e	4144465
VDS401A13600	13,600	.5354	43	60	2.3	107	45	14	i	4140205
VDS201A13700	13,700	.5394	43	60	2.4	107	45	14	e	4144466
VDS401A13700	13,700	.5394	43	60	2.4	107	45	14	i	4140206
VDS201A13800	13,800	.5433	43	60	2.4	107	45	14	e	4144467
VDS401A13800	13,800	.5433	43	60	2.4	107	45	14	i	4140207
VDS201A13900	13,900	.5472	43	60	2.4	107	45	14	e	4140209
VDS401A13900	13,900	.5472	43	60	2.4	107	45	14	i	4140210
VDS201A14000	14,000	.5512	43	60	2.4	107	45	14	e	4144470
VDS401A14000	14,000	.5512	43	60	2.4	107	45	14	i	4140210
VDS201A14100	14,100	.5551	45	65	2.4	115	48	16	e	4144471
VDS401A14100	14,100	.5551	45	65	2.4	115	48	16	i	4140211
VDS201A14200	14,200	.5591	45	65	2.5	115	48	16	e	4144472
VDS401A14200	14,200	.5591	45	65	2.5	115	48	16	i	4140212
VDS201A14300	14,300	.5630	45	65	2.5	115	48	16	e	4144474
VDS401A14300	14,300	.5630	45	65	2.5	115	48	16	i	4140214
VDS201A14400	14,400	.5669	45	65	2.5	115	48	16	e	4140215
VDS401A14400	14,400	.5669	45	65	2.5	115	48	16	i	4140215
VDS201A14500	14,500	.5709	45	65	2.5	115	48	16	e	4144476
VDS401A14500	14,500	.5709	45	65	2.5	115	48	16	i	4140216
VDS201A14600	14,600	.5748	45	65	2.5	115	48	16	e	4140217
VDS401A14600	14,600	.5748	45	65	2.5	115	48	16	i	4140217
VDS201A14700	14,700	.5787	45	65	2.5	115	48	16	e	4140219
VDS401A14700	14,700	.5787	45	65	2.5	115	48	16	i	4140219
VDS201A14800	14,800	.5827	45	65	2.6	115	48	16	e	4144480
VDS401A14800	14,800	.5827	45	65	2.6	115	48	16	i	4140220
VDS201A14900	14,900	.5866	45	65	2.6	115	48	16	e	4140221
VDS401A14900	14,900	.5866	45	65	2.6	115	48	16	i	4140221
VDS201A15000	15,000	.5906	45	65	2.6	115	48	16	e	4144482
VDS401A15000	15,000	.5906	45	65	2.6	115	48	16	i	4140222
VDS201A15100	15,100	.5945	45	65	2.6	115	48	16	e	4144484
VDS401A15100	15,100	.5945	45	65	2.6	115	48	16	i	4140224
VDS201A15200	15,200	.5984	45	65	2.6	115	48	16	e	4140225
VDS401A15200	15,200	.5984	45	65	2.6	115	48	16	i	4140225
VDS201A15300	15,300	.6024	45	65	2.6	115	48	16	e	4144486
VDS401A15300	15,300	.6024	45	65	2.6	115	48	16	i	4140226
VDS201A15400	15,400	.6063	45	65	2.7	115	48	16	e	4140227
VDS401A15400	15,400	.6063	45	65	2.7	115	48	16	i	4140227
VDS201A15500	15,500	.6102	45	65	2.7	115	48	16	e	4144489
VDS401A15500	15,500	.6102	45	65	2.7	115	48	16	i	4140229
VDS201A15600	15,600	.6142	45	65	2.7	115	48	16	e	4140230
VDS401A15600	15,600	.6142	45	65	2.7	115	48	16	i	4140230
VDS201A15700	15,700	.6181	45	65	2.7	115	48	16	e	4144491
VDS401A15700	15,700	.6181	45	65	2.7	115	48	16	i	4140231
VDS201A15800	15,800	.6220	45	65	2.7	115	48	16	e	4144492
VDS401A15800	15,800	.6220	45	65	2.7	115	48	16	i	4140232
VDS201A15900	15,900	.6260	45	65	2.8	115	48	16	e	4140234
VDS401A15900	15,900	.6260	45	65	2.8	115	48	16	i	4140234
VDS201A16000	16,000	.6299	45	65	2.8	115	48	16	e	4144495
VDS401A16000	16,000	.6299	45	65	2.8	115	48	16	i	4140235
VDS201A16100	16,100	.6339	51	73	2.8	123	48	18	e	4144496
VDS401A16100	16,100	.6339	51	73	2.8	123	48	18	i	4140236
VDS201A16200	16,200	.6378	51	73	2.8	123	48	18	e	4144497
VDS401A16200	16,200	.6378	51	73	2.8	123	48	18	i	4140237
VDS201A16300	16,300	.6417	51	73	2.8	123	48	18	e	4144499
VDS401A16300	16,300	.6417	51	73	2.8	123	48	18	i	4140239
VDS201A16400	16,400	.6457	51	73	2.8	123	48	18	e	4144500
VDS401A16400	16,400	.6457	51	73	2.8	123	48	18	i	4140241
VDS201A16500	16,500	.6496	51	73	2.9	123	48	18	e	4144501
VDS401A16500	16,500	.6496	51	73	2.9	123	48	18	i	4140242
VDS201A16600	16,600	.6535	51	73	2.9	123	48	18	e	4140243
VDS401A16600	16,600	.6535	51	73	2.9	123	48	18	i	4140243
VDS201A16700	16,700	.6575	51	73	2.9	123	48	18	e	4144505
VDS401A16700	16,700	.6575	51	73	2.9	123	48	18	i	4140245
VDS201A16800	16,800	.6614	51	73	2.9	123	48	18	e	4140246
VDS401A16800	16,800	.6614	51	73	2.9	123	48	18	i	4140246
VDS201A16900	16,900	.6654	51	73	2.9	123	48	18	e	4144508
VDS401A16900	16,900	.6654	51	73	2.9	123	48	18	i	4140247
VDS201A17000	17,000	.6693	51	73	3.0	123	48	18	e	4144508
VDS401A17000	17,000	.6693	51	73	3.0	123	48	18	i	4140248
VDS201A17100	17,100	.6732	51	73	3.0	123	48	18	e	4140249
VDS401A17100	17,100	.6732	51	73	3.0	123	48	18	i	4140249
VDS201A17200	17,200	.6772	51	73	3.0	123	48	18	e	4144510
VDS401A17200	17,200	.6772	51	73	3.0	123	48	18	i	4140250

超硬ソリッドドリル・VariDrill™

VDS201A・VDS401A・3 x D

(つづく)



- 第1選択
- 第2選択

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M	●
K	●
N	●
S	●
H	●

型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS401A17300	17,300	.6811	51	73	3.0	123	48	18	i	4140251
VDS401A17400	17,400	.6850	51	73	3.0	123	48	18	i	4140252
VDS201A17500	17,500	.6890	51	73	3.0	123	48	18	e	4144514
VDS401A17500	17,500	.6890	51	73	3.0	123	48	18	i	4140254
VDS401A17600	17,600	.6929	51	73	3.1	123	48	18	i	4140255
VDS401A17700	17,700	.6969	51	73	3.1	123	48	18	i	4140256
VDS201A17800	17,800	.7008	51	73	3.1	123	48	18	e	4144517
VDS401A17800	17,800	.7008	51	73	3.1	123	48	18	i	4140257
VDS201A18000	18,000	.7087	51	73	3.1	123	48	18	e	4144590
VDS401A18000	18,000	.7087	51	73	3.1	123	48	18	i	4140449
VDS201A18100	18,100	.7126	55	79	3.1	131	50	20	e	4144591
VDS401A18100	18,100	.7126	55	79	3.1	131	50	20	i	4140450
VDS201A18200	18,200	.7165	55	79	3.2	131	50	20	e	4144592
VDS401A18200	18,200	.7165	55	79	3.2	131	50	20	i	4140451
VDS401A18300	18,300	.7205	55	79	3.2	131	50	20	i	4140463
VDS401A18400	18,400	.7244	55	79	3.2	131	50	20	i	4140464
VDS201A18500	18,500	.7283	55	79	3.2	131	50	20	e	4144596
VDS401A18500	18,500	.7283	55	79	3.2	131	50	20	i	4140465
VDS201A18600	18,600	.7323	55	79	3.2	131	50	20	e	4144597
VDS401A18600	18,600	.7323	55	79	3.2	131	50	20	i	4140466
VDS401A18700	18,700	.7362	55	79	3.2	131	50	20	i	4140468
VDS401A18800	18,800	.7402	55	79	3.3	131	50	20	i	4140469
VDS401A18900	18,900	.7441	55	79	3.3	131	50	20	i	4140470
VDS201A19000	19,000	.7480	55	79	3.3	131	50	20	e	4144602
VDS401A19000	19,000	.7480	55	79	3.3	131	50	20	i	4140471
VDS201A19100	19,100	.7520	55	79	3.3	131	50	20	e	4144604
VDS401A19100	19,100	.7520	55	79	3.3	131	50	20	i	4140473
VDS401A19200	19,200	.7559	55	79	3.3	131	50	20	i	4140474
VDS401A19300	19,300	.7598	55	79	3.4	131	50	20	i	4140475
VDS401A19400	19,400	.7638	55	79	3.4	131	50	20	i	4140476
VDS401A19500	19,500	.7677	55	79	3.4	131	50	20	i	4140477
VDS401A19600	19,600	.7717	55	79	3.4	131	50	20	i	4140478
VDS401A19700	19,700	.7756	55	79	3.4	131	50	20	i	4140479
VDS401A19800	19,800	.7795	55	79	3.4	131	50	20	i	4140480
VDS401A19900	19,900	.7835	55	79	3.5	131	50	20	i	4140481
VDS201A20000	20,000	.7874	55	79	3.5	131	50	20	e	4144613
VDS401A20000	20,000	.7874	55	79	3.5	131	50	20	i	4140482

注：CF = クーラント機能：
 i = 内部
 e = 外部
 i/e = 内部および外部



オールスタープログラムでは、最も人気が高いプラットフォーム、材種、およびサイズのみを特集しています。すべての製品ラインナップについては、WIDIA NOVO™またはWIDIA.COMをご覧ください。

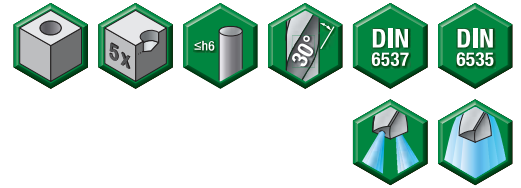
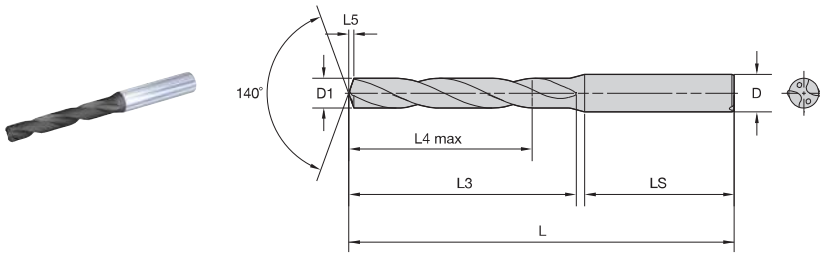
スローアウェイミーリング

ソリッドエンドミーリング

穴あけ加工

旋削加工

VDS202A • VDS402A • 5 x D



- 第1選択
- 第2選択

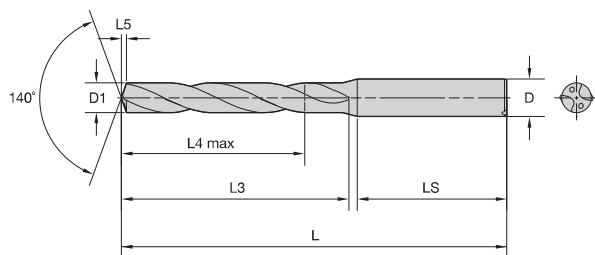
P	●
M	●
K	●
N	●
S	●
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS202A01000	1,000	.0394	6	9	0.1	58	28	4	e	4148000
VDS202A01100	1,100	.0433	6	9	0.2	58	28	4	e	4148005
VDS202A01200	1,200	.0472	6	9	0.2	58	28	4	e	4148008
VDS202A01300	1,300	.0512	6	9	0.2	58	28	4	e	4148009
VDS202A01400	1,400	.0551	6	9	0.2	58	28	4	e	4148012
VDS202A01500	1,500	.0591	9	12	0.2	58	28	4	e	4148013
VDS402A01500	1,500	.0591	9	12	0.2	58	28	4	i	4142871
VDS202A01600	1,600	.0630	9	12	0.2	58	28	4	e	4148014
VDS402A01600	1,600	.0630	9	12	0.2	58	28	4	i	4142884
VDS202A01700	1,700	.0669	9	12	0.3	58	28	4	e	4148015
VDS402A01700	1,700	.0669	9	12	0.3	58	28	4	i	4142887
VDS202A01800	1,800	.0709	9	12	0.3	58	28	4	e	4148016
VDS402A01800	1,800	.0709	9	12	0.3	58	28	4	i	4142890
VDS202A01900	1,900	.0748	9	12	0.3	58	28	4	e	4148017
VDS402A01900	1,900	.0748	9	12	0.3	58	28	4	i	4142893
VDS202A02000	2,000	.0787	14	18	0.3	58	28	4	e	4148019
VDS402A02000	2,000	.0787	14	18	0.3	58	28	4	i	4142899
VDS202A02100	2,100	.0827	14	18	0.3	58	28	4	e	4148020
VDS402A02100	2,100	.0827	14	18	0.3	58	28	4	i	4142902
VDS202A02200	2,200	.0866	14	18	0.3	58	28	4	e	4148021
VDS402A02200	2,200	.0866	14	18	0.3	58	28	4	i	4142905
VDS202A02300	2,300	.0906	14	18	0.4	58	28	4	e	4148022
VDS402A02300	2,300	.0906	14	18	0.4	58	28	4	i	4142908
VDS202A02400	2,400	.0945	17	22	0.4	58	28	4	e	4148024
VDS402A02400	2,400	.0945	17	22	0.4	58	28	4	i	4142924
VDS202A02500	2,500	.0984	17	22	0.4	58	28	4	e	4148027
VDS402A02500	2,500	.0984	17	22	0.4	58	28	4	i	4142933
VDS202A02600	2,600	.1024	17	22	0.4	58	28	4	e	4148029
VDS402A02600	2,600	.1024	17	22	0.4	58	28	4	i	4142939
VDS202A02700	2,700	.1063	17	22	0.4	58	28	4	e	4148031
VDS402A02700	2,700	.1063	17	22	0.4	58	28	4	i	4142945
VDS202A02800	2,800	.1102	17	22	0.5	58	28	4	e	4148034
VDS402A02800	2,800	.1102	17	22	0.5	58	28	4	i	4142964
VDS202A02900	2,900	.1142	17	22	0.5	58	28	4	e	4148037
VDS402A02900	2,900	.1142	17	22	0.5	58	28	4	i	4142973
VDS202A02947	2,947	.1160	17	22	0.5	58	28	4	e	4142976
VDS402A02947	2,947	.1160	17	22	0.5	58	28	4	i	4142976
VDS202A03000	3,000	.1181	23	28	0.5	66	36	6	e	4148142
VDS402A03000	3,000	.1181	23	28	0.5	66	36	6	i	4142844
VDS202A03048	3,048	.1200	23	28	0.5	66	36	6	e	4142846
VDS402A03048	3,048	.1200	23	28	0.5	66	36	6	i	4142846
VDS202A03100	3,100	.1220	23	28	0.5	66	36	6	e	4148144
VDS402A03100	3,100	.1220	23	28	0.5	66	36	6	i	4142847
VDS202A03200	3,200	.1260	23	28	0.5	66	36	6	e	4148146
VDS402A03200	3,200	.1260	23	28	0.5	66	36	6	i	4142851
VDS202A03300	3,300	.1299	23	28	0.5	66	36	6	e	4148148
VDS402A03300	3,300	.1299	23	28	0.5	66	36	6	i	4142865
VDS202A03400	3,400	.1339	23	28	0.6	66	36	6	e	4148149
VDS402A03400	3,400	.1339	23	28	0.6	66	36	6	i	4142867
VDS202A03500	3,500	.1378	23	28	0.6	66	36	6	e	4148151
VDS402A03500	3,500	.1378	23	28	0.6	66	36	6	i	4142872
VDS202A03600	3,600	.1417	23	28	0.6	66	36	6	e	4148153
VDS402A03600	3,600	.1417	23	28	0.6	66	36	6	i	4142888
VDS202A03700	3,700	.1457	23	28	0.6	66	36	6	e	4148155
VDS402A03700	3,700	.1457	23	28	0.6	66	36	6	i	4142894
VDS202A03800	3,800	.1496	29	36	0.6	74	36	6	e	4148157
VDS402A03800	3,800	.1496	29	36	0.6	74	36	6	i	4142900
VDS202A03900	3,900	.1535	29	36	0.6	74	36	6	e	4148158
VDS402A03900	3,900	.1535	29	36	0.6	74	36	6	i	4142900

超硬ソリッドドリル・VariDrill™

VDS202A・VDS402A・5 x D

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- 第1選択
- 第2選択

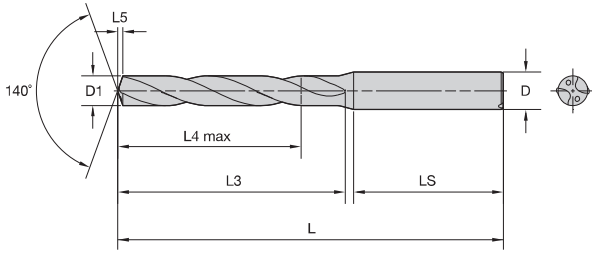
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS402A03900	3,900	.1535	29	36	0.6	74	36	6	i	4142903
VDS202A04000	4,000	.1575	29	36	0.7	74	36	6	e	4148160
VDS402A04000	4,000	.1575	29	36	0.7	74	36	6	i	4142909
VDS202A04100	4,100	.1614	29	36	0.7	74	36	6	e	4148163
VDS402A04100	4,100	.1614	29	36	0.7	74	36	6	i	4142928
VDS202A04200	4,200	.1654	29	36	0.7	74	36	6	e	4148164
VDS402A04200	4,200	.1654	29	36	0.7	74	36	6	i	4142931
VDS202A04300	4,300	.1693	29	36	0.7	74	36	6	e	4148166
VDS402A04300	4,300	.1693	29	36	0.7	74	36	6	i	4142937
VDS202A04400	4,400	.1732	29	36	0.7	74	36	6	e	4148168
VDS402A04400	4,400	.1732	29	36	0.7	74	36	6	i	4142943
VDS202A04500	4,500	.1772	29	36	0.7	74	36	6	e	4148169
VDS402A04500	4,500	.1772	29	36	0.7	74	36	6	i	4142946
VDS202A04600	4,600	.1811	29	36	0.8	74	36	6	e	4148170
VDS402A04600	4,600	.1811	29	36	0.8	74	36	6	i	4142949
VDS402A04623	4,623	.1820	29	36	0.8	74	36	6	i	4142952
VDS202A04700	4,700	.1850	29	36	0.8	74	36	6	e	4148172
VDS402A04700	4,700	.1850	29	36	0.8	74	36	6	i	4142965
VDS202A04800	4,800	.1890	35	44	0.8	82	36	6	e	4148174
VDS402A04800	4,800	.1890	35	44	0.8	82	36	6	i	4142971
VDS202A04900	4,900	.1929	35	44	0.8	82	36	6	e	4148176
VDS402A04900	4,900	.1929	35	44	0.8	82	36	6	i	4142977
VDS202A05000	5,000	.1969	35	44	0.8	82	36	6	e	4148177
VDS402A05000	5,000	.1969	35	44	0.8	82	36	6	i	4142979
VDS202A05100	5,100	.2008	35	44	0.9	82	36	6	e	4148178
VDS402A05100	5,100	.2008	35	44	0.9	82	36	6	i	4142981
VDS202A05200	5,200	.2047	35	44	0.9	82	36	6	e	4148181
VDS402A05200	5,200	.2047	35	44	0.9	82	36	6	i	4142997
VDS202A05300	5,300	.2087	35	44	0.9	82	36	6	e	4148182
VDS402A05300	5,300	.2087	35	44	0.9	82	36	6	i	4142999
VDS202A05400	5,400	.2126	35	44	0.9	82	36	6	e	4148183
VDS402A05400	5,400	.2126	35	44	0.9	82	36	6	i	4143000
VDS202A05500	5,500	.2165	35	44	0.9	82	36	6	e	4148185
VDS402A05500	5,500	.2165	35	44	0.9	82	36	6	i	4143002
VDS402A05558	5,558	.2188	35	44	0.9	82	36	6	i	4143003
VDS202A05600	5,600	.2205	35	44	0.9	82	36	6	e	4148187
VDS402A05600	5,600	.2205	35	44	0.9	82	36	6	i	4143004
VDS202A05700	5,700	.2244	35	44	1.0	82	36	6	e	4148189
VDS402A05700	5,700	.2244	35	44	1.0	82	36	6	i	4143006
VDS202A05800	5,800	.2283	35	44	1.0	82	36	6	e	4148190
VDS402A05800	5,800	.2283	35	44	1.0	82	36	6	i	4143007
VDS202A05900	5,900	.2323	35	44	1.0	82	36	6	e	4148191
VDS402A05900	5,900	.2323	35	44	1.0	82	36	6	i	4143008
VDS202A06000	6,000	.2362	35	44	1.0	82	36	6	e	4148193
VDS402A06000	6,000	.2362	35	44	1.0	82	36	6	i	4143010
VDS202A06100	6,100	.2402	43	53	1.0	91	36	8	e	4148194
VDS402A06100	6,100	.2402	43	53	1.0	91	36	8	i	4143011
VDS202A06200	6,200	.2441	43	53	1.0	91	36	8	e	4148195
VDS402A06200	6,200	.2441	43	53	1.0	91	36	8	i	4143012
VDS202A06300	6,300	.2480	43	53	1.1	91	36	8	e	4148196
VDS402A06300	6,300	.2480	43	53	1.1	91	36	8	i	4143023
VDS202A06400	6,400	.2520	43	53	1.1	91	36	8	e	4148198
VDS402A06400	6,400	.2520	43	53	1.1	91	36	8	i	4143025
VDS202A06500	6,500	.2559	43	53	1.1	91	36	8	e	4148199
VDS402A06500	6,500	.2559	43	53	1.1	91	36	8	i	4143026
VDS202A06600	6,600	.2598	43	53	1.1	91	36	8	e	4148201
VDS402A06600	6,600	.2598	43	53	1.1	91	36	8	i	4143028
VDS202A06700	6,700	.2638	43	53	1.1	91	36	8	e	4148203
VDS402A06700	6,700	.2638	43	53	1.1	91	36	8	i	4143030
VDS202A06800	6,800	.2677	43	53	1.1	91	36	8	e	4148205
VDS402A06800	6,800	.2677	43	53	1.1	91	36	8	i	4143032
VDS202A06900	6,900	.2717	43	53	1.2	91	36	8	e	4148206
VDS402A06900	6,900	.2717	43	53	1.2	91	36	8	i	4143043
VDS202A07000	7,000	.2756	43	53	1.2	91	36	8	e	4148207

スローアウェイミーリング
 ハリッドエントミーリング
 穴あけ加工
 旋削加工

VDS202A・VDS402A・5 x D

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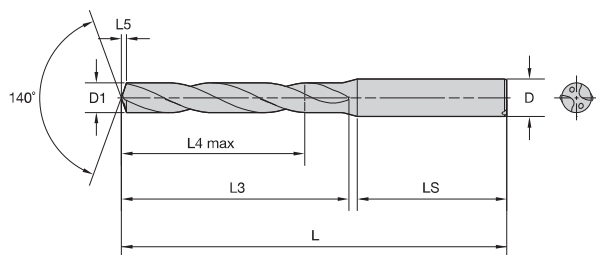
- 第1選択
- 第2選択

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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS402A07000	7,000	.2756	43	53	1.2	91	36	8	i	4143044
VDS202A07100	7,100	.2795	43	53	1.2	91	36	8	e	4148208
VDS402A07100	7,100	.2795	43	53	1.2	91	36	8	i	4143045
VDS202A07200	7,200	.2835	43	53	1.2	91	36	8	e	4148210
VDS402A07200	7,200	.2835	43	53	1.2	91	36	8	i	4143047
VDS202A07300	7,300	.2874	43	53	1.2	91	36	8	e	4148211
VDS402A07300	7,300	.2874	43	53	1.2	91	36	8	i	4143048
VDS202A07400	7,400	.2913	43	53	1.3	91	36	8	e	4148212
VDS402A07400	7,400	.2913	43	53	1.3	91	36	8	i	4143049
VDS202A07500	7,500	.2953	43	53	1.3	91	36	8	e	4148213
VDS402A07500	7,500	.2953	43	53	1.3	91	36	8	i	4143050
VDS202A07600	7,600	.2992	43	53	1.3	91	36	8	e	4148215
VDS402A07600	7,600	.2992	43	53	1.3	91	36	8	i	4143052
VDS202A07700	7,700	.3031	43	53	1.3	91	36	8	e	4148216
VDS402A07700	7,700	.3031	43	53	1.3	91	36	8	i	4143063
VDS202A07800	7,800	.3071	43	53	1.3	91	36	8	e	4148217
VDS402A07800	7,800	.3071	43	53	1.3	91	36	8	i	4143064
VDS202A07900	7,900	.3110	43	53	1.3	91	36	8	e	4148218
VDS402A07900	7,900	.3110	43	53	1.3	91	36	8	i	4143065
VDS202A08000	8,000	.3150	43	53	1.4	91	36	8	e	4148220
VDS402A08000	8,000	.3150	43	53	1.4	91	36	8	i	4143067
VDS202A08100	8,100	.3189	49	61	1.4	103	40	10	e	4148221
VDS402A08100	8,100	.3189	49	61	1.4	103	40	10	i	4143068
VDS202A08200	8,200	.3228	49	61	1.4	103	40	10	e	4148222
VDS402A08200	8,200	.3228	49	61	1.4	103	40	10	i	4143069
VDS202A08300	8,300	.3268	49	61	1.4	103	40	10	e	4148223
VDS402A08300	8,300	.3268	49	61	1.4	103	40	10	i	4143070
VDS202A08400	8,400	.3307	49	61	1.4	103	40	10	e	4148225
VDS402A08400	8,400	.3307	49	61	1.4	103	40	10	i	4143072
VDS202A08500	8,500	.3346	49	61	1.4	103	40	10	e	4148227
VDS402A08500	8,500	.3346	49	61	1.4	103	40	10	i	4143084
VDS202A08600	8,600	.3386	49	61	1.5	103	40	10	e	4148228
VDS402A08600	8,600	.3386	49	61	1.5	103	40	10	i	4143085
VDS202A08700	8,700	.3425	49	61	1.5	103	40	10	e	4148229
VDS402A08700	8,700	.3425	49	61	1.5	103	40	10	i	4143086
VDS202A08800	8,800	.3465	49	61	1.5	103	40	10	e	4148231
VDS402A08800	8,800	.3465	49	61	1.5	103	40	10	i	4143088
VDS202A08900	8,900	.3504	49	61	1.5	103	40	10	e	4148232
VDS402A08900	8,900	.3504	49	61	1.5	103	40	10	i	4143089
VDS202A09000	9,000	.3543	49	61	1.5	103	40	10	e	4148233
VDS402A09000	9,000	.3543	49	61	1.5	103	40	10	i	4143090
VDS202A09100	9,100	.3583	49	61	1.6	103	40	10	e	4148234
VDS402A09100	9,100	.3583	49	61	1.5	103	40	10	i	4143091
VDS202A09200	9,200	.3622	49	61	1.6	103	40	10	e	4148236
VDS402A09200	9,200	.3622	49	61	1.6	103	40	10	i	4143103
VDS202A09300	9,300	.3661	49	61	1.6	103	40	10	e	4148237
VDS402A09300	9,300	.3661	49	61	1.6	103	40	10	i	4143104
VDS202A09400	9,400	.3701	49	61	1.6	103	40	10	e	4148239
VDS402A09400	9,400	.3701	49	61	1.6	103	40	10	i	4143106
VDS202A09500	9,500	.3740	49	61	1.6	103	40	10	e	4148240
VDS402A09500	9,500	.3740	49	61	1.6	103	40	10	i	4143107
VDS202A09600	9,600	.3780	49	61	1.6	103	40	10	e	4148241
VDS402A09600	9,600	.3780	49	61	1.6	103	40	10	i	4143109
VDS202A09700	9,700	.3819	49	61	1.7	103	40	10	e	4148243
VDS402A09700	9,700	.3819	49	61	1.7	103	40	10	i	4143110
VDS202A09800	9,800	.3858	49	61	1.7	103	40	10	e	4148244
VDS402A09800	9,800	.3858	49	61	1.7	103	40	10	i	4143111
VDS202A09900	9,900	.3898	49	61	1.7	103	40	10	e	4148245
VDS402A09900	9,900	.3898	49	61	1.7	103	40	10	i	4143112
VDS202A10000	10,000	.3937	49	61	1.7	103	40	10	e	4148258
VDS402A10000	10,000	.3937	49	61	1.7	103	40	10	i	4148283
VDS202A10100	10,100	.3976	56	71	1.7	118	45	12	e	4148259
VDS402A10100	10,100	.3976	56	71	1.7	118	45	12	i	4148285
VDS202A10200	10,200	.4016	56	71	1.7	118	45	12	e	4148260
VDS402A10200	10,200	.4016	56	71	1.7	118	45	12	i	4148287

VDS202A・VDS402A・5 x D

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- 第1選択
- 第2選択

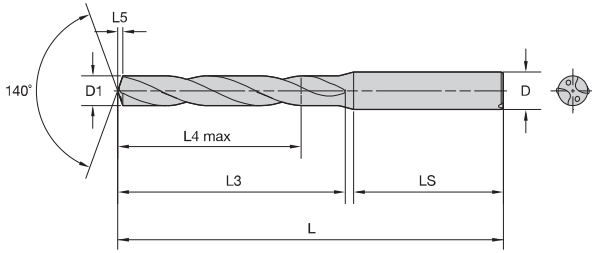
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS202A10300	10.300	.4055	56	71	1.8	118	45	12	e	4148261
VDS402A10300	10.300	.4055	56	71	1.8	118	45	12	i	4148269
VDS402A10400	10.400	.4094	56	71	1.8	118	45	12	i	4142832
VDS202A10500	10.500	.4134	56	71	1.8	118	45	12	e	4148284
VDS402A10500	10.500	.4134	56	71	1.8	118	45	12	i	4142834
VDS202A10600	10.600	.4173	56	71	1.8	118	45	12	e	4148285
VDS402A10600	10.600	.4173	56	71	1.8	118	45	12	i	4142836
VDS202A10700	10.700	.4213	56	71	1.8	118	45	12	e	4148286
VDS402A10700	10.700	.4213	56	71	1.8	118	45	12	i	4142838
VDS202A10800	10.800	.4252	56	71	1.9	118	45	12	e	4148288
VDS402A10800	10.800	.4252	56	71	1.9	118	45	12	i	4142842
VDS202A10900	10.900	.4291	56	71	1.9	118	45	12	e	4148289
VDS402A10900	10.900	.4291	56	71	1.9	118	45	12	i	4142855
VDS202A11000	11.000	.4331	56	71	1.9	118	45	12	e	4148290
VDS402A11000	11.000	.4331	56	71	1.9	118	45	12	i	4142857
VDS202A11100	11.100	.4370	56	71	1.9	118	45	12	e	4148291
VDS402A11100	11.100	.4370	56	71	1.9	118	45	12	i	4142858
VDS202A11200	11.200	.4409	56	71	1.9	118	45	12	e	4148293
VDS402A11200	11.200	.4409	56	71	1.9	118	45	12	i	4142862
VDS202A11300	11.300	.4449	56	71	1.9	118	45	12	e	4148294
VDS402A11300	11.300	.4449	56	71	1.9	118	45	12	i	4142873
VDS202A11400	11.400	.4488	56	71	2.0	118	45	12	e	4148274
VDS402A11400	11.400	.4488	56	71	2.0	118	45	12	i	4142877
VDS202A11500	11.500	.4528	56	71	2.0	118	45	12	e	4148296
VDS402A11500	11.500	.4528	56	71	2.0	118	45	12	i	4142875
VDS202A11600	11.600	.4567	56	71	2.0	118	45	12	e	4148298
VDS402A11600	11.600	.4567	56	71	2.0	118	45	12	i	4142877
VDS202A11700	11.700	.4606	56	71	2.0	118	45	12	e	4148299
VDS402A11700	11.700	.4606	56	71	2.0	118	45	12	i	4142878
VDS202A11800	11.800	.4646	56	71	2.0	118	45	12	e	4148300
VDS402A11800	11.800	.4646	56	71	2.0	118	45	12	i	4142879
VDS202A11900	11.900	.4685	56	71	2.0	118	45	12	e	4148301
VDS402A11900	11.900	.4685	56	71	2.0	118	45	12	i	4142880
VDS202A12000	12.000	.4724	56	71	2.1	118	45	12	e	4148313
VDS402A12000	12.000	.4724	56	71	2.1	118	45	12	i	4142882
VDS202A12100	12.100	.4764	60	77	2.1	124	45	14	e	4148314
VDS402A12100	12.100	.4764	60	77	2.1	124	45	14	i	4142913
VDS202A12200	12.200	.4803	60	77	2.1	124	45	14	e	4148315
VDS402A12200	12.200	.4803	60	77	2.1	124	45	14	i	4142914
VDS402A12300	12.300	.4843	60	77	2.1	124	45	14	i	4142915
VDS402A12400	12.400	.4882	60	77	2.1	124	45	14	i	4142917
VDS202A12500	12.500	.4921	60	77	2.2	124	45	14	e	4148319
VDS402A12500	12.500	.4921	60	77	2.2	124	45	14	i	4142918
VDS202A12600	12.600	.4961	60	77	2.2	124	45	14	e	4148320
VDS402A12600	12.600	.4961	60	77	2.2	124	45	14	i	4142919
VDS202A12700	12.700	.5000	60	77	2.2	124	45	14	e	4148321
VDS402A12700	12.700	.5000	60	77	2.2	124	45	14	i	4142920
VDS202A12800	12.800	.5039	60	77	2.2	124	45	14	e	4148322
VDS402A12800	12.800	.5039	60	77	2.2	124	45	14	i	4142921
VDS202A12900	12.900	.5079	60	77	2.2	124	45	14	e	4148343
VDS402A12900	12.900	.5079	60	77	2.2	124	45	14	i	4142922
VDS202A13000	13.000	.5118	60	77	2.2	124	45	14	e	4148344
VDS402A13000	13.000	.5118	60	77	2.2	124	45	14	i	4142953
VDS202A13100	13.100	.5157	60	77	2.3	124	45	14	e	4148346
VDS402A13100	13.100	.5157	60	77	2.3	124	45	14	i	4142955
VDS202A13200	13.200	.5197	60	77	2.3	124	45	14	e	4148347
VDS402A13200	13.200	.5197	60	77	2.3	124	45	14	i	4142956
VDS402A13300	13.300	.5236	60	77	2.3	124	45	14	i	4142957
VDS402A13400	13.400	.5276	60	77	2.3	124	45	14	i	4142958
VDS202A13500	13.500	.5315	60	77	2.3	124	45	14	e	4148350
VDS402A13500	13.500	.5315	60	77	2.3	124	45	14	i	4142959
VDS402A13600	13.600	.5354	60	77	2.3	124	45	14	i	4142960
VDS402A13700	13.700	.5394	60	77	2.4	124	45	14	i	4142961
VDS202A13800	13.800	.5433	60	77	2.4	124	45	14	e	4148353
VDS402A13800	13.800	.5433	60	77	2.4	124	45	14	i	4142962

スローアウェイミーリング
 ハリッドエントミーリング
 穴あけ加工
 旋削加工

VDS202A・VDS402A・5 x D

(つづく)



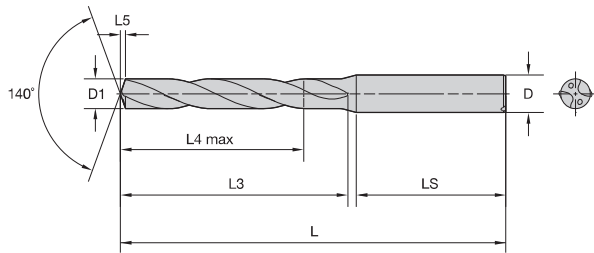
- 第1選択
- 第2選択

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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS402A13900	13.900	.5472	60	77	2.4	124	45	14	i	4142984
VDS202A14000	14.000	.5512	60	77	2.4	124	45	14	e	4148356
VDS402A14000	14.000	.5512	60	77	2.4	124	45	14	i	4142985
VDS202A14100	14.100	.5551	63	83	2.4	133	48	16	e	4148357
VDS402A14100	14.100	.5551	63	83	2.4	133	48	16	i	4142986
VDS202A14200	14.200	.5591	63	83	2.5	133	48	16	e	4148358
VDS402A14200	14.200	.5591	63	83	2.5	133	48	16	i	4142987
VDS202A14300	14.300	.5630	63	83	2.5	133	48	16	e	4148360
VDS402A14300	14.300	.5630	63	83	2.5	133	48	16	i	4142989
VDS202A14400	14.400	.5669	63	83	2.5	133	48	16	i	4142990
VDS402A14500	14.500	.5709	63	83	2.5	133	48	16	e	4148362
VDS202A14500	14.500	.5709	63	83	2.5	133	48	16	i	4142991
VDS402A14600	14.600	.5748	63	83	2.5	133	48	16	i	4142992
VDS202A14700	14.700	.5787	63	83	2.5	133	48	16	i	4143014
VDS402A14800	14.800	.5827	63	83	2.6	133	48	16	e	4148366
VDS202A14800	14.800	.5827	63	83	2.6	133	48	16	i	4143015
VDS202A14900	14.900	.5866	63	83	2.6	133	48	16	e	4148367
VDS402A14900	14.900	.5866	63	83	2.6	133	48	16	i	4143016
VDS202A15000	15.000	.5906	63	83	2.6	133	48	16	e	4148368
VDS402A15000	15.000	.5906	63	83	2.6	133	48	16	i	4143017
VDS202A15100	15.100	.5945	63	83	2.6	133	48	16	e	4148370
VDS402A15100	15.100	.5945	63	83	2.6	133	48	16	i	4143019
VDS202A15200	15.200	.5984	63	83	2.6	133	48	16	e	4148371
VDS402A15200	15.200	.5984	63	83	2.6	133	48	16	i	4143020
VDS402A15300	15.300	.6024	63	83	2.6	133	48	16	i	4143021
VDS202A15400	15.400	.6063	63	83	2.7	133	48	16	i	4143022
VDS402A15500	15.500	.6102	63	83	2.7	133	48	16	e	4148375
VDS202A15500	15.500	.6102	63	83	2.7	133	48	16	i	4143034
VDS402A15600	15.600	.6142	63	83	2.7	133	48	16	i	4143035
VDS202A15700	15.700	.6181	63	83	2.7	133	48	16	i	4143036
VDS402A15800	15.800	.6220	63	83	2.7	133	48	16	e	4148378
VDS202A15800	15.800	.6220	63	83	2.7	133	48	16	i	4143037
VDS402A15900	15.900	.6260	63	83	2.8	133	48	16	i	4143039
VDS202A16000	16.000	.6299	63	83	2.8	133	48	16	e	4148381
VDS402A16000	16.000	.6299	63	83	2.8	133	48	16	i	4143040
VDS202A16100	16.100	.6339	71	93	2.8	143	48	18	e	4148382
VDS402A16100	16.100	.6339	71	93	2.8	143	48	18	i	4143041
VDS402A16200	16.200	.6378	71	93	2.8	143	48	18	i	4143042
VDS402A16300	16.300	.6417	71	93	2.8	143	48	18	i	4143054
VDS402A16400	16.400	.6457	71	93	2.8	143	48	18	i	4143055
VDS202A16500	16.500	.6496	71	93	2.9	143	48	18	e	4148387
VDS402A16500	16.500	.6496	71	93	2.9	143	48	18	i	4143056
VDS402A16600	16.600	.6535	71	93	2.9	143	48	18	i	4143057
VDS402A16700	16.700	.6575	71	93	2.9	143	48	18	i	4143059
VDS402A16800	16.800	.6614	71	93	2.9	143	48	18	i	4143060
VDS402A16900	16.900	.6654	71	93	2.9	143	48	18	i	4143061
VDS202A17000	17.000	.6693	71	93	3.0	143	48	18	e	4148393
VDS402A17000	17.000	.6693	71	93	3.0	143	48	18	i	4143062
VDS202A17100	17.100	.6732	71	93	3.0	143	48	18	e	4148394
VDS402A17100	17.100	.6732	71	93	3.0	143	48	18	i	4143073
VDS402A17200	17.200	.6772	71	93	3.0	143	48	18	i	4143074
VDS402A17300	17.300	.6811	71	93	3.0	143	48	18	i	4143075
VDS402A17400	17.400	.6850	71	93	3.0	143	48	18	i	4143076
VDS202A17500	17.500	.6890	71	93	3.0	143	48	18	e	4148399
VDS402A17500	17.500	.6890	71	93	3.0	143	48	18	i	4143078
VDS402A17600	17.600	.6929	71	93	3.1	143	48	18	i	4143079
VDS402A17700	17.700	.6969	71	93	3.1	143	48	18	i	4143080
VDS402A17800	17.800	.7008	71	93	3.1	143	48	18	i	4143081
VDS402A17900	17.900	.7047	71	93	3.1	143	48	18	i	4143093
VDS202A18000	18.000	.7087	71	93	3.1	143	48	18	e	4147921
VDS402A18000	18.000	.7087	71	93	3.1	143	48	18	i	4142803
VDS402A18100	18.100	.7126	77	101	3.1	153	50	20	i	4142804
VDS402A18200	18.200	.7165	77	101	3.2	153	50	20	i	4142805
VDS402A18300	18.300	.7205	77	101	3.2	153	50	20	i	4142807

VDS202A・VDS402A・5 x D

(つづく)



- 第1選択
- 第2選択

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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS402A18400	18,400	.7244	77	101	3.2	153	50	20	i	4142808
VDS202A18500	18,500	.7283	77	101	3.2	153	50	20	e	4148307
VDS402A18500	18,500	.7283	77	101	3.2	153	50	20	i	4142809
VDS402A18600	18,600	.7323	77	101	3.2	153	50	20	i	4142810
VDS402A18700	18,700	.7362	77	101	3.3	153	50	20	i	4142812
VDS402A18800	18,800	.7402	77	101	3.3	153	50	20	i	4142824
VDS402A18900	18,900	.7441	77	101	3.3	153	50	20	i	4142826
VDS202A19000	19,000	.7480	77	101	3.3	153	50	20	e	4148323
VDS402A19000	19,000	.7480	77	101	3.3	153	50	20	i	4142828
VDS402A19100	19,100	.7520	77	101	3.3	153	50	20	i	4142833
VDS402A19200	19,200	.7559	77	101	3.3	153	50	20	i	4142835
VDS402A19300	19,300	.7598	77	101	3.4	153	50	20	i	4142837
VDS402A19400	19,400	.7638	77	101	3.4	153	50	20	i	4142839
VDS202A19500	19,500	.7677	77	101	3.4	153	50	20	e	4148329
VDS402A19500	19,500	.7677	77	101	3.4	153	50	20	i	4142841
VDS402A19600	19,600	.7717	77	101	3.4	153	50	20	i	4142853
VDS402A19700	19,700	.7756	77	101	3.4	153	50	20	i	4142854
VDS402A19800	19,800	.7795	77	101	3.4	153	50	20	i	4142856
VDS202A19900	19,900	.7835	77	101	3.5	153	50	20	e	4148333
VDS402A19900	19,900	.7835	77	101	3.5	153	50	20	i	4142859
VDS202A20000	20,000	.7874	77	101	3.5	153	50	20	e	4148334
VDS402A20000	20,000	.7874	77	101	3.5	153	50	20	i	4142860

注：CF = クーラント機能：
 i = 内部
 e = 外部
 i/e = 内部および外部

スローアウェイミーリング

ソリッドエンドミーリング

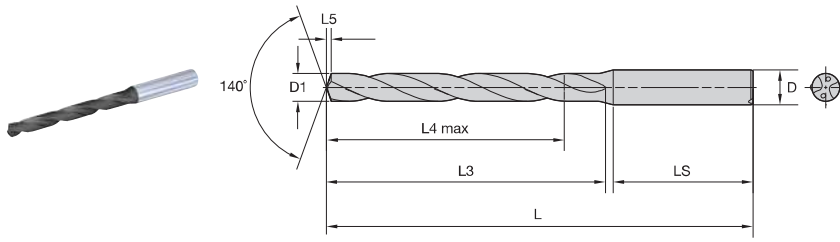
穴あけ加工

旋削加工



オールスタープログラムでは、最も人気が高いプラットフォーム、材種、およびサイズのみを特集しています。すべての製品ラインナップについては、WIDIA NOVO™またはWIDIA.COMをご覧ください。

VDS403A • 8 x D



- 第1選択
- 第2選択

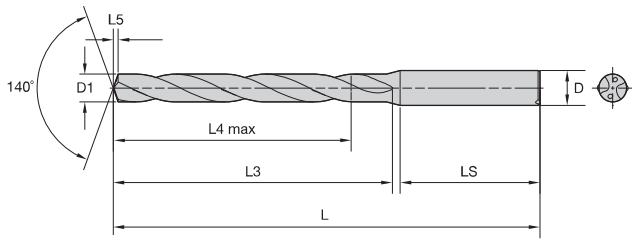
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS403A01500	1.500	.0591	15	18	0.2	58	28	4	i	4143700
VDS403A01600	1.600	.0630	15	18	0.2	58	28	4	i	4143701
VDS403A01700	1.700	.0669	15	18	0.3	58	28	4	i	4143702
VDS403A01800	1.800	.0709	15	18	0.3	58	28	4	i	4143723
VDS403A01900	1.900	.0748	15	18	0.3	58	28	4	i	4143724
VDS403A02000	2.000	.0787	22	26	0.3	66	28	4	i	4143726
VDS403A02100	2.100	.0827	22	26	0.3	66	28	4	i	4143727
VDS403A02200	2.200	.0866	22	26	0.3	66	28	4	i	4143728
VDS403A02300	2.300	.0906	22	26	0.4	66	28	4	i	4143729
VDS403A02400	2.400	.0945	25	30	0.4	66	28	4	i	4143731
VDS403A02500	2.500	.0984	25	30	0.4	66	28	4	i	4143734
VDS403A02600	2.600	.1024	25	30	0.4	66	28	4	i	4143736
VDS403A02700	2.700	.1063	25	30	0.4	66	28	4	i	4143738
VDS403A02800	2.800	.1102	25	30	0.5	66	28	4	i	4143741
VDS403A02900	2.900	.1142	25	30	0.5	66	28	4	i	4143744
VDS403A03000	3.000	.1181	33	40	0.5	78	36	6	i	4143746
VDS403A03100	3.100	.1220	33	40	0.5	78	36	6	i	4143748
VDS403A03175	3.175	.1250	33	40	0.5	78	36	6	i	4143749
VDS403A03200	3.200	.1260	33	40	0.5	78	36	6	i	4143750
VDS403A03300	3.300	.1299	33	40	0.5	78	36	6	i	4143752
VDS403A03400	3.400	.1339	33	40	0.6	78	36	6	i	4143753
VDS403A03500	3.500	.1378	33	40	0.6	78	36	6	i	4143755
VDS403A03600	3.600	.1417	33	40	0.6	78	36	6	i	4143757
VDS403A03700	3.700	.1457	33	40	0.6	78	36	6	i	4143759
VDS403A03800	3.800	.1496	41	49	0.6	87	36	6	i	4143761
VDS403A03900	3.900	.1535	41	49	0.6	87	36	6	i	4143762
VDS403A03970	3.970	.1563	41	49	0.7	87	36	6	i	4143763
VDS403A04000	4.000	.1575	41	49	0.7	87	36	6	i	4143764
VDS403A04100	4.100	.1614	41	49	0.7	87	36	6	i	4143767
VDS403A04200	4.200	.1654	41	49	0.7	87	36	6	i	4143768
VDS403A04300	4.300	.1693	41	49	0.7	87	36	6	i	4143770
VDS403A04400	4.400	.1732	41	49	0.7	87	36	6	i	4143772
VDS403A04500	4.500	.1772	41	49	0.7	87	36	6	i	4143773
VDS403A04600	4.600	.1811	41	49	0.8	87	36	6	i	4143774
VDS403A04700	4.700	.1850	41	49	0.8	87	36	6	i	4143776
VDS403A04800	4.800	.1890	48	56	0.8	94	36	6	i	4143778
VDS403A04900	4.900	.1929	48	56	0.8	94	36	6	i	4143780
VDS403A05000	5.000	.1969	48	56	0.8	94	36	6	i	4143781
VDS403A05100	5.100	.2008	48	56	0.9	94	36	6	i	4143782
VDS403A05200	5.200	.2047	48	56	0.9	94	36	6	i	4143785
VDS403A05300	5.300	.2087	48	56	0.9	94	36	6	i	4143786
VDS403A05400	5.400	.2126	48	56	0.9	94	36	6	i	4143787
VDS403A05500	5.500	.2165	48	56	0.9	94	36	6	i	4143789
VDS403A05600	5.600	.2205	48	56	0.9	94	36	6	i	4143791
VDS403A05700	5.700	.2244	48	56	1.0	94	36	6	i	4143793
VDS403A05800	5.800	.2283	48	56	1.0	94	36	6	i	4143794
VDS403A05900	5.900	.2323	48	56	1.0	94	36	6	i	4143795
VDS403A06000	6.000	.2362	48	56	1.0	94	36	6	i	4143797
VDS403A06100	6.100	.2402	57	67	1.0	105	36	8	i	4143798
VDS403A06200	6.200	.2441	57	67	1.0	105	36	8	i	4143799
VDS403A06300	6.300	.2480	57	67	1.1	105	36	8	i	4143800
VDS403A06400	6.400	.2520	57	67	1.1	105	36	8	i	4143802
VDS403A06500	6.500	.2559	57	67	1.1	105	36	8	i	4143803
VDS403A06600	6.600	.2598	57	67	1.1	105	36	8	i	4143805
VDS403A06700	6.700	.2638	57	67	1.1	105	36	8	i	4143807
VDS403A06800	6.800	.2677	57	67	1.1	105	36	8	i	4143809
VDS403A06900	6.900	.2717	57	67	1.2	105	36	8	i	4143810
VDS403A07000	7.000	.2756	57	67	1.2	105	36	8	i	4143811
VDS403A07100	7.100	.2795	61	72	1.2	110	36	8	i	4143812
VDS403A07200	7.200	.2835	61	72	1.2	110	36	8	i	4143814
VDS403A07300	7.300	.2874	61	72	1.2	110	36	8	i	4143815
VDS403A07400	7.400	.2913	61	72	1.3	110	36	8	i	4143816
VDS403A07500	7.500	.2953	61	72	1.3	110	36	8	i	4143817
VDS403A07600	7.600	.2992	61	72	1.3	110	36	8	i	4143819

超硬ソリッドドリル・VariDrill™

VDS403A・8 x D

(つづく)



- 第1選択
- 第2選択

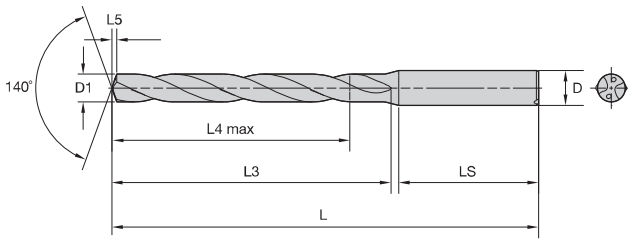
P	●
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型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS403A07700	7.700	.3031	61	72	1.3	110	36	8	i	4143820
VDS403A07800	7.800	.3071	61	72	1.3	110	36	8	i	4143821
VDS403A07900	7.900	.3110	61	72	1.3	110	36	8	i	4143822
VDS403A08000	8.000	.3150	61	72	1.4	110	36	8	i	4143824
VDS403A08100	8.100	.3189	68	80	1.4	122	40	10	i	4143825
VDS403A08200	8.200	.3228	68	80	1.4	122	40	10	i	4143826
VDS403A08300	8.300	.3268	68	80	1.4	122	40	10	i	4143827
VDS403A08400	8.400	.3307	68	80	1.4	122	40	10	i	4143829
VDS403A08500	8.500	.3346	68	80	1.4	122	40	10	i	4143831
VDS403A08600	8.600	.3386	68	80	1.5	122	40	10	i	4143832
VDS403A08700	8.700	.3425	68	80	1.5	122	40	10	i	4143833
VDS403A08800	8.800	.3465	68	80	1.5	122	40	10	i	4143835
VDS403A08900	8.900	.3504	68	80	1.5	122	40	10	i	4143836
VDS403A09000	9.000	.3543	68	80	1.5	122	40	10	i	4143837
VDS403A09100	9.100	.3583	68	80	1.6	122	40	10	i	4143838
VDS403A09200	9.200	.3622	68	80	1.6	122	40	10	i	4143840
VDS403A09300	9.300	.3661	68	80	1.6	122	40	10	i	4143841
VDS403A09400	9.400	.3701	68	80	1.6	122	40	10	i	4143843
VDS403A09500	9.500	.3740	68	80	1.6	122	40	10	i	4143844
VDS403A09600	9.600	.3780	68	80	1.6	122	40	10	i	4143846
VDS403A09700	9.700	.3819	68	80	1.7	122	40	10	i	4143847
VDS403A09800	9.800	.3858	68	80	1.7	122	40	10	i	4143848
VDS403A09900	9.900	.3898	68	80	1.7	122	40	10	i	4143849
VDS403A10000	10.000	.3937	68	80	1.7	122	40	10	i	4143421
VDS403A10100	10.100	.3976	79	94	1.7	141	45	12	i	4143422
VDS403A10200	10.200	.4016	79	94	1.7	141	45	12	i	4143473
VDS403A10300	10.300	.4055	79	94	1.8	141	45	12	i	4143474
VDS403A10400	10.400	.4094	79	94	1.8	141	45	12	i	4143476
VDS403A10500	10.500	.4134	79	94	1.8	141	45	12	i	4143477
VDS403A10600	10.600	.4173	79	94	1.8	141	45	12	i	4143478
VDS403A10700	10.700	.4213	79	94	1.8	141	45	12	i	4143479
VDS403A10800	10.800	.4252	79	94	1.9	141	45	12	i	4143481
VDS403A10900	10.900	.4291	79	94	1.9	141	45	12	i	4143482
VDS403A11000	11.000	.4331	79	94	1.9	141	45	12	i	4143483
VDS403A11100	11.100	.4370	79	94	1.9	141	45	12	i	4143484
VDS403A11200	11.200	.4409	79	94	1.9	141	45	12	i	4143486
VDS403A11300	11.300	.4449	79	94	1.9	141	45	12	i	4143487
VDS403A11400	11.400	.4488	79	94	2.0	141	45	12	i	4143488
VDS403A11500	11.500	.4528	79	94	2.0	141	45	12	i	4143489
VDS403A11600	11.600	.4567	79	94	2.0	141	45	12	i	4143491
VDS403A11700	11.700	.4606	79	94	2.0	141	45	12	i	4143492
VDS403A11800	11.800	.4646	79	94	2.0	141	45	12	i	4143493
VDS403A11900	11.900	.4685	79	94	2.0	141	45	12	i	4143494
VDS403A12000	12.000	.4724	79	94	2.1	141	45	12	i	4143496
VDS403A12100	12.100	.4764	91	108	2.1	155	45	14	i	4143497
VDS403A12200	12.200	.4803	91	108	2.1	155	45	14	i	4143498
VDS403A12300	12.300	.4843	91	108	2.1	155	45	14	i	4143499
VDS403A12400	12.400	.4882	91	108	2.1	155	45	14	i	4143501
VDS403A12500	12.500	.4921	91	108	2.2	155	45	14	i	4143502
VDS403A12600	12.600	.4961	91	108	2.2	155	45	14	i	4143503
VDS403A12700	12.700	.5000	91	108	2.2	155	45	14	i	4143504
VDS403A12800	12.800	.5039	91	108	2.2	155	45	14	i	4143505
VDS403A12900	12.900	.5079	91	108	2.2	155	45	14	i	4143506
VDS403A13000	13.000	.5118	91	108	2.2	155	45	14	i	4143507
VDS403A13100	13.100	.5157	91	108	2.3	155	45	14	i	4143509
VDS403A13200	13.200	.5197	91	108	2.3	155	45	14	i	4143510
VDS403A13300	13.300	.5236	91	108	2.3	155	45	14	i	4143511
VDS403A13400	13.400	.5276	91	108	2.3	155	45	14	i	4143512
VDS403A13500	13.500	.5315	91	108	2.3	155	45	14	i	4143513
VDS403A13600	13.600	.5354	91	108	2.3	155	45	14	i	4143514
VDS403A13700	13.700	.5394	91	108	2.4	155	45	14	i	4143515
VDS403A13800	13.800	.5433	91	108	2.4	155	45	14	i	4143516
VDS403A13900	13.900	.5472	91	108	2.4	155	45	14	i	4143518
VDS403A14000	14.000	.5512	91	108	2.4	155	45	14	i	4143519

スローアウェイミーリング
 ハリッドエンディング
 穴あけ加工
 旋削加工

VDS403A・8 x D

(つづく)



- 第1選択
- 第2選択

P	●
M	●
K	●
N	●
S	●
H	○

型番	D1 径		L4 max	L3	L5	L	LS	D	CF	WU25PD
	mm	インチ								
VDS403A14100	14,100	.5551	101	121	2,4	171	48	16	i	4143520
VDS403A14200	14,200	.5591	101	121	2,5	171	48	16	i	4143521
VDS403A14300	14,300	.5630	101	121	2,5	171	48	16	i	4143523
VDS403A14400	14,400	.5669	101	121	2,5	171	48	16	i	4143524
VDS403A14500	14,500	.5709	101	121	2,5	171	48	16	i	4143525
VDS403A14600	14,600	.5748	101	121	2,5	171	48	16	i	4143526
VDS403A14700	14,700	.5787	101	121	2,5	171	48	16	i	4143528
VDS403A14800	14,800	.5827	101	121	2,6	171	48	16	i	4143529
VDS403A14900	14,900	.5866	101	121	2,6	171	48	16	i	4143530
VDS403A15000	15,000	.5906	101	121	2,6	171	48	16	i	4143531
VDS403A15100	15,100	.5945	101	121	2,6	171	48	16	i	4143533
VDS403A15200	15,200	.5984	101	121	2,6	171	48	16	i	4143534
VDS403A15300	15,300	.6024	101	121	2,6	171	48	16	i	4143535
VDS403A15400	15,400	.6063	101	121	2,7	171	48	16	i	4143536
VDS403A15500	15,500	.6102	101	121	2,7	171	48	16	i	4143538
VDS403A15600	15,600	.6142	101	121	2,7	171	48	16	i	4143539
VDS403A15700	15,700	.6181	101	121	2,7	171	48	16	i	4143540
VDS403A15800	15,800	.6220	101	121	2,7	171	48	16	i	4143541
VDS403A15900	15,900	.6260	101	121	2,8	171	48	16	i	4143543
VDS403A16000	16,000	.6299	101	121	2,8	171	48	16	i	4143544
VDS403A16200	16,200	.6378	113	135	2,8	185	48	18	i	4143546
VDS403A16500	16,500	.6496	113	135	2,9	185	48	18	i	4143550
VDS403A16700	16,700	.6575	113	135	2,9	185	48	18	i	4143553
VDS403A16800	16,800	.6614	113	135	2,9	185	48	18	i	4143554
VDS403A17000	17,000	.6693	113	135	3,0	185	48	18	i	4143556
VDS403A17500	17,500	.6890	113	135	3,0	185	48	18	i	4143562
VDS403A17600	17,600	.6929	113	135	3,1	185	48	18	i	4143563
VDS403A17800	17,800	.7008	113	135	3,1	185	48	18	i	4143565
VDS403A18000	18,000	.7087	113	135	3,1	185	48	18	i	4144209
VDS403A18100	18,100	.7126	124	148	3,1	200	50	20	i	4144211
VDS403A18200	18,200	.7165	124	148	3,2	200	50	20	i	4144212
VDS403A18500	18,500	.7283	124	148	3,2	200	50	20	i	4144250
VDS403A18800	18,800	.7402	124	148	3,3	200	50	20	i	4144258
VDS403A19000	19,000	.7480	124	148	3,3	200	50	20	i	4144262
VDS403A19500	19,500	.7677	124	148	3,4	200	50	20	i	4144285
VDS403A19800	19,800	.7795	124	148	3,4	200	50	20	i	4144291
VDS403A20000	20,000	.7874	124	148	3,5	200	50	20	i	4144305

注：CF = クーラント機能：
 i = 内部
 e = 外部
 i/e = 内部および外部

★ スローアウェイミーリング

★ ソリッドエンドミーリング

★ 穴あけ加工

★

★ 旋削加工



オールスタープログラムでは、最も人気が高いプラットフォーム、材種、およびサイズのみを特集しています。すべての製品ラインナップについては、WIDIA NOVO™またはWIDIA.COMをご覧ください。

アプリケーションデータ・VDS2シリーズ・WU25PD™・フラッドクーラント・メトリック

被削材 グループ	切削速度 - vc			径による推奨送り量(f)											
	範囲 - m/min			工具径 (mm)	1,0	2,0	3,0	4,0	6,0	8,0	10,0	12,0	16,0	20,0	
	min	-	max												
P	1	60	-	100	mm/r	0,04-0,09	0,05-0,12	0,07-0,14	0,08-0,16	0,11-0,22	0,13-0,26	0,15-0,31	0,18-0,35	0,22-0,42	0,28-0,54
	2, 3, 4, 6, 7	50	-	90	mm/r	0,05-0,10	0,06-0,13	0,08-0,15	0,09-0,17	0,13-0,23	0,15-0,28	0,19-0,33	0,22-0,38	0,26-0,47	0,34-0,59
	5, 9, 10, 11	50	-	100	mm/r	0,05-0,10	0,06-0,13	0,07-0,15	0,08-0,17	0,12-0,23	0,14-0,28	0,17-0,33	0,19-0,38	0,23-0,47	0,29-0,59
	12, 13	30	-	60	mm/r	0,03-0,05	0,04-0,06	0,05-0,08	0,06-0,10	0,08-0,14	0,10-0,18	0,13-0,22	0,14-0,24	0,18-0,32	0,23-0,41
M	14,1	30	-	50	mm/r	0,02-0,05	0,03-0,06	0,04-0,07	0,05-0,09	0,08-0,11	0,09-0,12	0,10-0,14	0,12-0,16	0,14-0,18	0,16-0,20
	14,3	40	-	60	mm/r	0,02-0,06	0,03-0,07	0,04-0,08	0,06-0,10	0,08-0,12	0,09-0,14	0,10-0,16	0,12-0,18	0,14-0,20	0,16-0,22
	14,2, 14,4	30	-	50	mm/r	0,02-0,05	0,03-0,06	0,04-0,07	0,06-0,09	0,08-0,11	0,09-0,12	0,10-0,14	0,12-0,16	0,14-0,18	0,16-0,20
K	15, 16	70	-	150	mm/r	0,06-0,13	0,07-0,14	0,09-0,18	0,10-0,19	0,13-0,25	0,16-0,30	0,18-0,35	0,20-0,39	0,25-0,48	0,30-0,59
	17, 18, 19	90	-	120	mm/r	0,08-0,11	0,09-0,12	0,10-0,13	0,10-0,15	0,13-0,20	0,16-0,25	0,18-0,29	0,20-0,32	0,25-0,38	0,30-0,48
	20	80	-	120	mm/r	0,04-0,10	0,06-0,12	0,08-0,14	0,07-0,15	0,10-0,20	0,11-0,24	0,14-0,28	0,15-0,32	0,19-0,38	0,24-0,48
N	21	90	-	270	mm/r	0,05-0,12	0,06-0,13	0,08-0,14	0,10-0,16	0,12-0,20	0,16-0,24	0,20-0,28	0,24-0,32	0,28-0,40	0,32-0,48
	22, 23, 24	90	-	270	mm/r	0,04-0,08	0,06-0,12	0,08-0,16	0,10-0,20	0,12-0,24	0,16-0,28	0,20-0,32	0,24-0,36	0,28-0,44	0,32-0,52
	25	90	-	225	mm/r	0,10-0,13	0,11-0,14	0,12-0,14	0,13-0,16	0,14-0,20	0,16-0,24	0,20-0,28	0,24-0,32	0,28-0,40	0,32-0,44
	26, 27, 28	90	-	270	mm/r	0,04-0,08	0,06-0,12	0,08-0,16	0,10-0,20	0,12-0,24	0,16-0,28	0,20-0,32	0,24-0,36	0,28-0,40	0,32-0,48
S	31, 32	20	-	30	mm/r	0,01-0,04	0,02-0,05	0,03-0,06	0,04-0,08	0,06-0,10	0,08-0,12	0,09-0,13	0,10-0,14	0,12-0,16	0,14-0,18
	33, 34, 35	10	-	30	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,03-0,06	0,05-0,08	0,07-0,10	0,08-0,11	0,09-0,12	0,10-0,14	0,11-0,16
	36	20	-	40	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,02-0,05	0,04-0,07	0,06-0,09	0,07-0,10	0,08-0,11	0,09-0,13	0,10-0,15
	37	20	-	50	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,03-0,06	0,05-0,08	0,07-0,10	0,08-0,11	0,09-0,12	0,10-0,14	0,11-0,16

メトリック 公差

公称寸法範囲	D1公差	D公差h6
1-3	0,000/-0,014 (h8)	0,000/-0,006
>3-6	0,000/-0,012 (h7)	0,000/-0,008
>6-10	0,000/-0,015 (h7)	0,000/-0,009
>10-18	0,000/-0,018 (h7)	0,000/-0,011
>18-20	0,000/-0,021 (h7)	0,000/-0,013

スローアウェイミーリング
 ハリッドエンディング
 穴あけ加工
 旋削加工

アプリケーションデータ・VDS4シリーズ・WU25PD™・スルークーラント・メトリック

被削材 グループ	切削速度 - vc			径による推奨送り量(f)											
	範囲 - m/min			工具径 (mm)	1,0	2,0	3,0	4,0	6,0	8,0	10,0	12,0	16,0	20,0	
	min	-	max												
P	1	70	-	140	mm/r	0,04-0,09	0,05-0,12	0,07-0,14	0,08-0,16	0,11-0,22	0,13-0,26	0,15-0,31	0,18-0,35	0,22-0,42	0,28-0,54
	2, 3, 4, 6, 7	60	-	100	mm/r	0,05-0,10	0,06-0,13	0,08-0,15	0,09-0,17	0,13-0,23	0,15-0,28	0,19-0,33	0,22-0,38	0,26-0,47	0,34-0,59
	5, 9, 10, 11	50	-	100	mm/r	0,05-0,10	0,06-0,13	0,07-0,15	0,08-0,17	0,12-0,23	0,14-0,28	0,17-0,33	0,19-0,38	0,23-0,47	0,29-0,59
	12, 13	40	-	70	mm/r	0,03-0,05	0,04-0,06	0,05-0,08	0,06-0,10	0,08-0,14	0,10-0,18	0,13-0,22	0,14-0,24	0,18-0,32	0,23-0,41
M	14, 1	30	-	50	mm/r	0,02-0,05	0,03-0,06	0,04-0,07	0,05-0,09	0,08-0,11	0,09-0,12	0,10-0,14	0,12-0,16	0,14-0,18	0,16-0,20
	14, 3	40	-	60	mm/r	0,02-0,06	0,03-0,07	0,04-0,08	0,06-0,10	0,08-0,12	0,09-0,14	0,10-0,16	0,12-0,18	0,14-0,20	0,16-0,22
	14, 2, 14, 4	30	-	50	mm/r	0,02-0,05	0,03-0,06	0,04-0,07	0,06-0,09	0,08-0,11	0,09-0,12	0,10-0,14	0,12-0,16	0,14-0,18	0,16-0,20
K	15, 16	80	-	160	mm/r	0,07-0,14	0,08-0,15	0,10-0,20	0,11-0,22	0,14-0,28	0,18-0,34	0,21-0,40	0,23-0,44	0,28-0,54	0,34-0,67
	17, 18, 19	90	-	140	mm/r	0,09-0,13	0,10-0,14	0,11-0,14	0,12-0,17	0,14-0,23	0,18-0,28	0,21-0,32	0,23-0,36	0,28-0,43	0,34-0,54
	20	80	-	130	mm/r	0,05-0,12	0,06-0,14	0,07-0,15	0,08-0,17	0,11-0,23	0,13-0,27	0,15-0,32	0,17-0,36	0,22-0,43	0,27-0,54
N	21	90	-	315	mm/r	0,05-0,12	0,06-0,13	0,08-0,14	0,10-0,16	0,12-0,20	0,16-0,24	0,20-0,28	0,24-0,32	0,28-0,40	0,32-0,48
	22, 23, 24	90	-	270	mm/r	0,04-0,08	0,06-0,12	0,08-0,16	0,10-0,20	0,12-0,24	0,16-0,28	0,20-0,32	0,24-0,36	0,28-0,44	0,32-0,52
	25	90	-	270	mm/r	0,10-0,13	0,11-0,14	0,12-0,14	0,13-0,16	0,14-0,20	0,16-0,24	0,20-0,28	0,24-0,32	0,28-0,40	0,32-0,44
	26, 27, 28	90	-	270	mm/r	0,04-0,08	0,06-0,12	0,08-0,16	0,10-0,20	0,12-0,24	0,16-0,28	0,20-0,32	0,24-0,36	0,28-0,40	0,32-0,48
S	31, 32	20	-	30	mm/r	0,01-0,04	0,02-0,05	0,03-0,06	0,04-0,08	0,06-0,10	0,08-0,12	0,09-0,13	0,10-0,14	0,12-0,16	0,14-0,18
	33, 34, 35	10	-	30	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,03-0,06	0,05-0,08	0,07-0,10	0,08-0,11	0,09-0,12	0,10-0,14	0,11-0,16
	36	10	-	40	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,02-0,05	0,04-0,07	0,06-0,09	0,07-0,10	0,08-0,11	0,09-0,13	0,10-0,15
	37	10	-	40	mm/r	0,01-0,03	0,02-0,03	0,02-0,04	0,03-0,06	0,05-0,08	0,07-0,10	0,08-0,11	0,09-0,12	0,10-0,14	0,11-0,16

メトリック
公差

公称寸法範囲	D1公差	D公差h6
1-3	0,000/-0,014 (h8)	0,000/-0,006
>3-6	0,000/-0,012 (h7)	0,000/-0,008
>6-10	0,000/-0,015 (h7)	0,000/-0,009
>10-18	0,000/-0,018 (h7)	0,000/-0,011
>18-20	0,000/-0,021 (h7)	0,000/-0,013