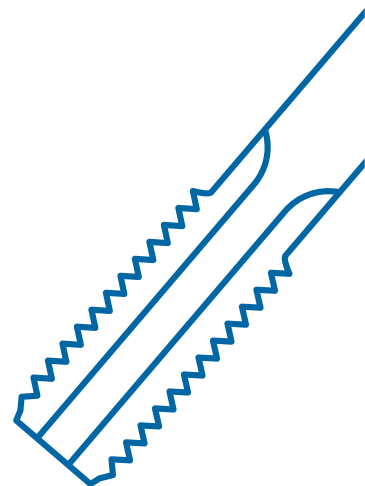
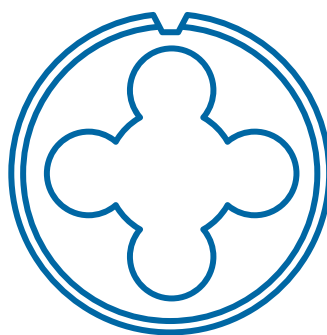
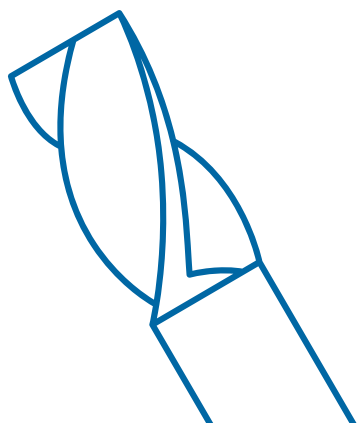
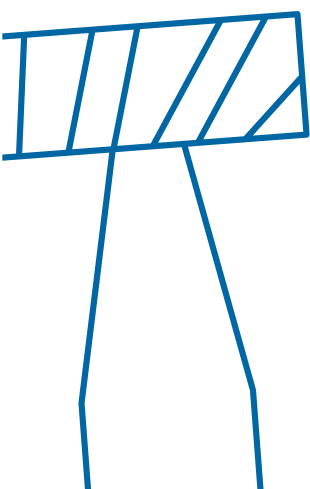
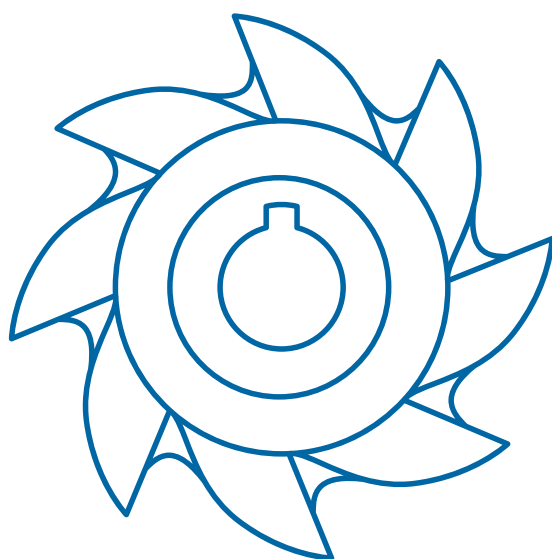
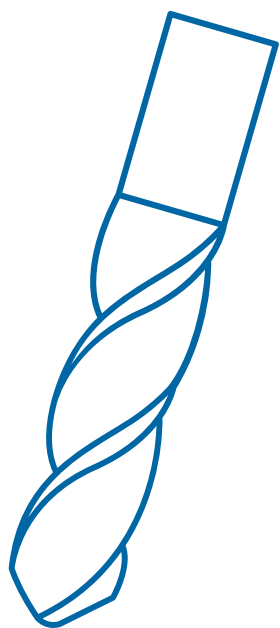


Product finder



since 1991

PENTAGON


Întotdeauna Soluția Potrivită

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HSS													
Code	1144	1154	1004	1004	1014	1014	2706	2736	1104	1114	1044P	1054P	1245
Coating				ZRN		ZRN							ALTiN
DIN	844	844					844	844	844	844	844	844	844
Type	WR	WR	W	W	W	W	W	W	W	W	NR-F	NR-F	NR
Material	HSSCo8	HSSCo8	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSE-PM
Dimension	6-20	6-20	3-12	3-12	3,2-10	3,2-10	2-32	2-25	2-30	6-30	6-32	6-32	6-32
Code	1255	1245	1245	1255	1255	1245P	1255P	1285	1295	1285X	1285P	1285S	1285S
Coating	ALTiN		TIALN		TIALN			ALTiN	ALTiN	ALTiN	ALTiN		TIALN
DIN	844	844	844	844	844	844	844	844	844	844	844	844	844
Type	NR	NR	NR	NR	NR	NR-F	NR-F	HR	HR	HR	HR-F	HR	HR
Material	HSSE-PM	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSCo8	HSSCo8
Dimension	6-32	6-40	6-40	6-40	6-40	6-32	6-32	6-32	6-22	9-20	6-32	6-30	6-30
Code	1285	1285	1295	1295	1285P	1295P	1252E	1212E	1242K	1202K	1486	1485R	1205R
Coating		TIALN		TIALN							ALTiN	ALTiN	ALTiN
DIN	844	844	844	844	844	844					844	844	844
Type	HR	HR	HR	HR	HR-F	HR-F	NR	N	NR	N	HR	HR	N
Material	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo5	HSSCo5	HSSCo8	HSSCo8	HSSE-PM	HSSE-PM	HSSE-PM
Dimension	6-32	6-32	6-32	6-32	6-32	6-32	10-32	10-32	30-50	30-50	4-25	6-20	6-20
Code	1204	1205	1215	1404	1404	1406X	1506S	1506S	1205	1205	1215	1215	1402
Coating	ALTiN	ALTiN	ALTiN		TIALN	ALTiN	ALTiN	ALCRN			TIALN		TIALN
DIN	844	844	844	844	844	844	844		844	844	844	844	844
Type	N	N	N	N	N	N	N	N	N	N	N	N	N
Material	HSSE-PM	HSSE-PM	HSSE-PM	HSSCo8	HSSCo8	HSSE-PM	HSSE-PM	HSSE-PM	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8
Dimension	2-20	2-30	3-32	2-32	2-32	6-20	6-25	6-25	2-40	2-40	2-40	2-40	6-40
Code	1412	1406	1406	1416	1416	1604	1604	1614	1614	2204	2304	2204	2204
Coating			TIALN		TIALN		TIALN			ALTiN	ALTiN		TIALN
DIN	844	844	844	844	844					327	327	327	327
Type	N	N	N	N	N	N	N	N	N	N	N	N	N
Material	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSE-PM	HSSE-PM	HSSCo8	HSSCo8
Dimension	3-40	2-32	2-32	3-32	6-25	1,5-10	1,5-10	1,5-10	2-10	2-28	6-20	1-40	1-40

HSS													
Code	2214	2214	2304	2304	2304H	2314	2314	2334	2334	5104	5104	5114	5307
Coating	TIALN		TIALN		TIALN		TIALN		TIALN		ALTiN		
DIN			327	327	327	327	327			-1889	-1889	-1889	-1889
Type	N	N	N	N	N	N	N	N	N	N	N	N	N
Material	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSE-PM	HSSCo8	HSSCo8	HSSCo8
Dimension	2-40	2-40	3-32	3-32	11,7-24,7	2,8-25	2,8-25	2-25	2-25	4-20	2-32	2-32	4-20
SC													
Code	5317	5807		C1604	C1004	C1204	C1206	S1154	S1006	S1116	S1114	S1114N	S1114R
Coating												ALCRN	ALCRN
DIN	-1889												
Type	N	N		N	N	N	N	WR	W	W	W	W	W
Material	HSSCo8	HSSCo8		SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
Dimension	4-20	5-20		0,5-12	3-20	3-20	3-20	6-20	3-12	3-20	3-20	6-25	6-25
Code	S1115	S1004	S1014	S1014N	S1014R	S1204	S1214	S1404	S1414	S1414X	S1206	S1216	S1316
Coating		ALTiN	ALTiN	ALCRN	ALCRN	ALTiN	ALTiN	ALTiN	ALTiN	ALCRN	ALTiN	ALTiN	ALTiN
DIN		6527	6527		6527	6527	6527	6527	6527		6527	6527	6527
Type	W	N	N	N	N	N	N	N	N	N	N	N	H
Material	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
Dimension	4-20	3-20	3-20	2-20	4-16	3-20	3-20	3-20	3-20	3-20	3-20	3-20	6-20
Code	S1316L	S1316E	S1416X	S1406N	S1416N	S1416R	S1515R	S1516	S1516R	S1235T	S1435T	S1517	S1526
Coating	ALTiN	ALTiN	ALTiN	ALCRN	ALCRN	ALCRN	ALCRN	ALCR	ALCR	ALCRN	ALCR	ALCRN	ALCR
DIN			6527	6527	6527	6527		6527	6527			6527	
Type	H	H	N	N	N	N	N	N	N	T	T	H	N
Material	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
Dimension	6-20	6-20	3-20	3-20	3-20	6-16	4-16	3-20	6-16	6-25	6-25	6-20	6-20
Code	S1136	S1096	S1196	S1186N	S1196N	S5106	S5116	S5116E	S5316E	S2604	S5606		
Coating	ALTiN	ALTiN	ALTiN	ALCRN	ALCRN	ALTiN	ALTiN	ALTiN	ALTiN	ALTiN	ALTiN		
DIN	6527	6527	6527			6527	6527						
Type	CB	HR	HR	HR	HR	N	N	N	N	N	N		
Material	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC		
Dimension	4-20	6-20	4-20	4-20	4-20	3-20	3-20	2-20	2-20	0,4-3	0,4-3		

HSS/SC													
													
Code	3142N	3142P	3142PH	3102	3200	3201	3302	3500	3600	S3500	S3600	S3900	S3900
Coating										ALTIN	ALTIN		ALTIN
DIN	851	851	851	851	850		1833	1833	6518				
Type	NR	NR-F	NR-F	N						N	N	N	N
Material	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSS	HSSCo5	HSSCo5	HSSCo8	SC	SC	SC	SC
Dimension	12,5-40	21-40	12,5-45	11-60	4,5-45,5	7,5-48,6	45°-85°	45°-75°	R1-R20	60°-90°	R0,5-R5	3-12	3-12
													
Code	4242	4252	2605	3103	4102	4109	4112	4119	4202	4209	4212	4219	4222
Coating													
DIN	845	845	-326	-851	845	845	845	845	845	845	845	845	845
Type	NR	NR	N	N	W	W	W	W	N	N	N	N	CB
Material	HSSCo8	HSSCo8	HSSCo5	B	HSSCo5	HSS	HSSCo5	HSS	HSSCo5	HSS	HSSCo5	HSS	HSSCo5
Dimension	10-63	16-63	12-50	18-72	10-63	25-63	25-63	25-63	10-63	20-63	10-63	22-63	10-63
													
Code	4229	4232	4239	4402	4412	4422	4432	6242	6242	6242	6242V	6242V	6242V
Coating								ALTIN	ALTIN	ALTIN	TIALN	TIALN	TIALN
DIN	845	845	845	845	845	845	845	1880	1880	1880	1880	1880	1880
Type	CB	CB	CB	H	H	CB	CB	NR	NR	NR	NR	NR	NR
Material	HSS	HSSCo5	HSS	HSSCo8	HSSCo8	HSSCo8	HSSCo8	HSSE-PM	HSSCo5	HSSCo5	HSSCo8	HSSCo8	HSSCo8
Dimension	20-63	10-63	22-63	10-50	10-50	10-50	10-50	40-100	40-100	40-100	40-160	40-160	40-160
													
Code	6282	6282	6242PV	6242PV	6842V	6842PV	6102V	6202	6202	6202	6202V	6202V	6302V
Coating		TIALN	ALTIN	ALTIN				ALTIN	ALTIN	ALTIN	TIALN	TIALN	TIALN
DIN	1880	1880	1880	1880	841	841	1880	1880	1880	1880	1880	1880	1880
Type	HR	HR	NR-F	NR-F	NR	NR-F	W	N	N	N	N	N	H
Material	HSSCo5	HSSCo5	HSSE-PM	HSSCo8	HSSCo5	HSSCo5	HSSCo5	HSSE-PM	HSSCo5	HSSCo5	HSSCo8	HSSCo8	HSSCo5
Dimension	40-100	40-100	40-160	40-160	40-90	30-90	40-100	40-100	40-125	40-125	40-160	40-160	40-125
													
Code	6802V	6902V	6200	7302	7202	7302	7262	7362	7392	7372	7372	7372	7372
Coating													
DIN	841	841		885A	885A	885A	1834A	1834A	885B	1834B	1834B	1834B	1834B
Type	N	H	N	H	N	H	N	H	H	N	N	N	N
Material	HSSCo5	HSSCo5	HSSCo5	HSSCo8	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5
Dimension	30-110	30-75	50-100	50-125	50-200	50-250	63-160	0-200	50-200	63-160	63-160	63-160	63-160

													
Code	8100	8100V	8200	8200V	8525	8532	8532V	8570	8570V	8900	8900		
Coating													
DIN	-856	-856	-856	-856	1824A	842	842	847	847	3972	3972		
Type	N	N	N	N		N	N	N	N	N	N		
Material	HSS	HSSCo5	HSS	HSSCo5	HSS	HSS	HSSCo5	HSS	HSSCo5	HSS	HSSCo5		
Dimension	R1-R25	R1-R12	R1-R20	R1-R20	20°-30°	45°-60°	45°-60°	45°-120°	45°-90°	m.0,5-m.6	m.0,5-m.6		
													
Code	T1002MY	T1002MX	T1102MY	T1102MX	T1202MY	T1202MX	T1302MY	T1302MX	T2002	T2012			
Coating													
DIN	DIN ZYA-S	DIN ZYA-S	DIN WRC	DIN WRC	DIN SPG	DIN SPG	DIN RBF	DIN RBF					
Type									W	W			
Material	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC			
Dimension	3-12 mm	3-12 mm	3-12 mm	3-12 mm	3-12 mm	3-12 mm	3-12 mm	3-12 mm	2-14 mm	6-14 mm			
													
Code	7229	7229	7224	7224	7224	7224	7224	7225					
Coating													
DIN	1837A	1838B	885A	1834A	1834A	885B	1834B						
Type	H	H											
Material	HSS	HSS	HSS-M42	HSS-M42	HSS-M42	HSS-M42	HSS-M51						
Dimension	20-315	50-315	13-41	20-54	27-41	20-54	27-54						
													
Code	VN30010	VN30045	VN10010	VN10010	VN10015	VN10085	VN10018	VN20010	VN20015	VN60010	VN70010	VN80010	VN60045
Coating				TIN									
DIN	1897	1897	338	338	338	338	338	340	340	1869	1869	1869	1869
Type		V120											GT100
Material	HSS	HSSCo5	HSS	HSS	HSSCo5	HSSCo5	HSSCo8	HSS	HSSCo5	HSS	HSS	HSS	HSSCo5
Dimension	0,7-14	2-14	0,3-20	1-16	1-20	1-20	3-20	0,9-20	0,9-14	2-13	2,7-13	3,5-13	2-13
													
Code	VN70045	VN80045	VN50105	VN50105	VN51105	VN50115	VN50115	VN51115	VN40225	VN30225	VN50225	VN40090	VS92010
Coating				TIN			TIN						
DIN	1869	1869											333A
Type	GT100	GT100											
Material	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSS	HSS
Dimension	2,8-13	3,5-13	3-25	3-25	3-20	3-25	3-25	3-20	5-10	5-10	5-10	2,5-10,5	1-10



Code	VS92015	VS92115	VS93010	VS94010	VS94015	VK10010	VK10015	VK10028	VK60010	VK70010	VK80010	VK60045	VK70045	
Coating						PAS		PAS						
DIN	333A	333A	333R			345	345		341	1870	1870	341	1870	
Type													GT100	GT100
Material	HSSCo5	HSSCo5	HSS	HSS	HSSCo5	HSS	HSSCo5	HSSCo8	HSS	HSS	HSS	HSSCo5	HSSCo5	
Dimension	1-5	1-5	1-6,3	4-36	4-36	2-90	5-50	10-50	8-50	8-50	10-50	8-20	8-20	



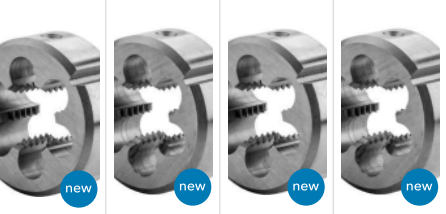
Code	VK80045	C30012	C10012	S16012	S50102	S50112	S30122	S10122	S20122	S60122	VS92012	CS113	CS153
Coating							TIALN	ALTIN	ALTIN				
DIN	1870	6539	338	1899			6537K	6537L				373	1866
Type	GT100												
Material	HSSCo5	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC	HSSCo5	HSSCo5
Dimension	14-20	1-12	1-12	0,3-1,4	4-12	4-12	1-20	2-20	3-16	3-16	1-4	4,3-20	4-11,4



Code	CS252
Coating	
DIN	335C
Type	
Material	HSSCo5
Dimension	4,3-31



Code	VS95015	MT11305	MT21505	MT11385	MT21585	MT11375	MT11375	MT21575	MT21575	MT12305	MT22505	S9000
Coating		PAS	PAS	TICN	TICN	PAS	TICN	PAS	TICN			
DIN	332/2	371,376	371,376	371,376	371,376	371,376	371,376	371,376	371,376	374	374	
Type		N	N	UNI	UNI	VA	VA	N	N	N	N	
Material	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	HSSCo5	SC
Dimension	2,5-10,2	M2-M20	M2-M20	M3-M20	M3-M20	M3-M20	M3-M20	M3-M20	M3-M20	M5-M20	M5-M20	M0,8-M10



Code	CD71090	CD81075	CD72090	CD82075
Coating				
DIN	22568	22568	22568	22568
Type		VA		VA
Material	HSS	HSSCo5	HSS	HSSCo5
Dimension	M1-M30	M2-M30	M2,3-M30	M2,5-M30

Types of milling cutters

WR Geometry for roughing of Aluminium or other non-ferrous metals.	N Universal usage. Suitable for materials up to strength 900 Mpa
W For machining of soft materials, for example aluminium and non-ferrous metals.	CB Chip Breaker – universal application for roughing.
NR-F For machining of materials of lower and medium strength (up to 700 MPa), surface roughness Ra 3,2 and more, in common application can be applied as roughing and finishing tool at the same time.	H Designed for milling (finishing) of materials of medium and higher strength (up to 1200 MPa). Surface roughness Ra 3,2 exceptionally even 1,6
NR For roughing operation and materials of lower and medium strength (up to 700 MPa), surface roughness Ra 12,5 and more.	T Trochoidal milling
	UNI Designed for universal applications
	VA Designed for stainless steel

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