

17452 - 17453

Shell End Milling Cutters



Type

Right-hand cut, right-hand helix, cutting on circumference and at end, profile relief ground with longitudinal and transverse slot in compliance with DIN 138.

Quality

HSS-E (Co8).

17452

Type NR, with roughing teeth (chip divider with circular profile).

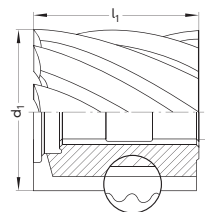
17453

Type NF, with roughing/finishing teeth (chip divider with flat profile).

DIN
841HSS-E
Co8

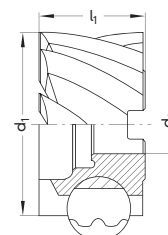
NR

17452



NF

17453



d ₁ k14 mm	l ₁ k16 mm	d ₂ H7 mm	Cutting edges	Type NR		Type NF	
				17452	...	17453	...
40	40	16	6	202		202	
50	50	22	8	204		204	
60	30	27	8	205		205	
60	60	27	8	206		206	
75	35	27	8	207		207	
90	35	27	10	209		209	

Al<10%Si	Al>10%Si	Cu	St<520N	St<750N	St<900N	St<1100N	St<1200N	St<1400N	<45HRC	<55HRC	<60HRC	<67HRC	VA-steel<900N	VA-steel>900N	Ti alloy	GG(G)	Plastics
70-120	40-70	40-70	28-32	25-30	18-25	16-22	-	-	-	-	-	-	5-15	3-12	3-12	-	-

17475

Shell End Milling Cutters



Type

Type NR with roughing toothing.

Right-hand cut, right-hand helix, cutting on circumference and at end, profile relief ground with longitudinal and transverse slot in compliance with DIN 138.

Quality

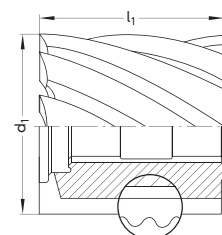
HSS-E (Co8).

DIN
1880

NR

HSS-E
Co8

17475



d ₁ k14 mm	l ₁ k16 mm	d ₂ H7 mm	Cutting edges	HSS-E	
				17475	...
40	32	16	6	101	
50	36	22	6	102	
63	40	27	8	103	
80	45	27	8	104	
100	50	32	10	105	

Al<10%Si	Al>10%Si	Cu	St<520N	St<750N	St<900N	St<1100N	St<1200N	St<1400N	<45HRC	<55HRC	<60HRC	<67HRC	VA-steel<900N	VA-steel>900N	Ti alloy	GG(G)	Plastics
70-120	40-70	40-70	28-32	25-30	18-25	16-22	-	-	-	-	-	-	5-15	3-12	3-12	-	-

17478

Shell End Milling Cutters



Type

Type NF, with roughing/finishing toothing.

Right-hand cut, right-hand helix, cutting on circumference and at end, profile relief ground with longitudinal and transverse slot in compliance with DIN 138.

Quality

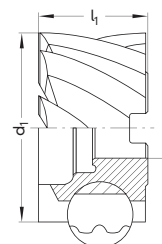
HSS-E (Co5).

DIN
1880

NF

HSS-E
Co5

17478



d ₁ k14 mm	l ₁ k16 mm	d ₂ H7 mm	Cutting edges	HSS-E	
				17478	...
40	32	16	6	101	
50	36	22	6	102	
63	40	27	8	103	
80	45	27	8	104	
100	50	32	10	105	

Al<10%Si	Al>10%Si	Cu	St<520N	St<750N	St<900N	St<1100N	St<1200N	St<1400N	<45HRC	<55HRC	<60HRC	<67HRC	VA-steel<900N	VA-steel>900N	Ti alloy	GG(G)	Plastics
70-120	40-70	40-70	28-32	25-30	18-25	16-22	-	-	-	-	-	-	5-15	3-12	3-12	-	-

