MEISINGER Stahlinstrumente werden in einem Stück aus ausgewähltem Wolfram-Vanadium- oder rostfreiem Stahl gefertigt. Sie überzeugen vor allem durch ihre stabile Konstruktion, die präzise, schnittfreudige Verzahnung und ihre optimale Rundlaufgenauigkeit. Die Instrumente bieten hohe Elastizität bei gleichzeitig optimaler Materialhärte.
HSS-Stahlinstrumente werden aus Hochleistungsschnellstahl hergestellt und bieten daher zusätzlich optimale Wärmefestigkeit sowie eine deutlich erhöhte Lebensdauer.

MEISINGER steel instruments are manufactured from one piece vanadium tungsten steel or stainless steel. They demonstrate quality through their functional design, precision toothing, and above average concentricity. The instruments offer high elasticity and optimal material hardness.
HSS-Steel instruments are produced from high strength steel and therefore offer an additional heat strength, as well as high endurance.

Los instrumentos de acero de MEISINGER son de acero seleccionado de „ Volframio-Vanadio „ ó de acero inoxidable y se fabrican de una sola pieza. Se distinguen sobre todo por su estabilidad, sus filos de precisión cortantes y su óptima concentricidad. Alta flexibilidad junto con una óptima dureza son las caracteristicas de estos instrumentos.
Las fresas de acero „HSS“ son de acero rápido y ofrecen además una óptima resistencia al calor y una vida bastante más larga.

Stahlbohrer · Steel burs · Fresas de acero

Fig.	1	2	3	11	21	26	36	38	39	159RF	203	HSS203
Page	125	125	125	126	126	126	126	126	127	127	127	127

Stahlfinierer · Steel finishing burs · Fresas para acabar

Fig.	41	47	48	212	9119	9120
Page	128	128	128	128	128	128

Stahlfräser · Steel cutters · Fresones de acero

Fig.	71	72	73	75	77	78	79	81RF	82RF	84RF	85RF	89	91RF
Page	128	128	128	129	129	129	129	129	129	129	129	130	130

Fig.	92RF	95RF	104RF	108	231	232RF	234	450	452RF	452S	514	515
Page	130	130	130	130	130	131	131	131	131	131	131	131

Träger · Mandrels · Mandriles

Fig.	303S	315	323	329
Page	132	132	132	132

Träger, rostfrei · Mandrels, stainless · Mandriles inoxidables

Fig.	301LR	303RF	305RF	306RF	309RF	313SR	314RF	318RF	320A	327RF
Page	132	132	132	133	133	133	133	133	133	133

Stahlbohrer • Steel burs • Fresas de acero

1

steel

1RF stainless steel

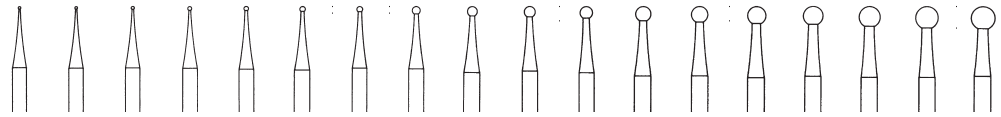


Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5
1	HP	310 **104** 001 001	004	005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031	033
	RA	310 **204** 001 001		005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031	
	RA L	310 **205** 001 001						009	010	012	014	016	018	021	023					
	RA XL	310 **206** 001 001							010	012	014	016	018	021	023					
1RF	HP	330 **104** 001 001		005		007		009	010	012	014	016	018	021	023					

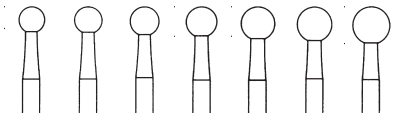
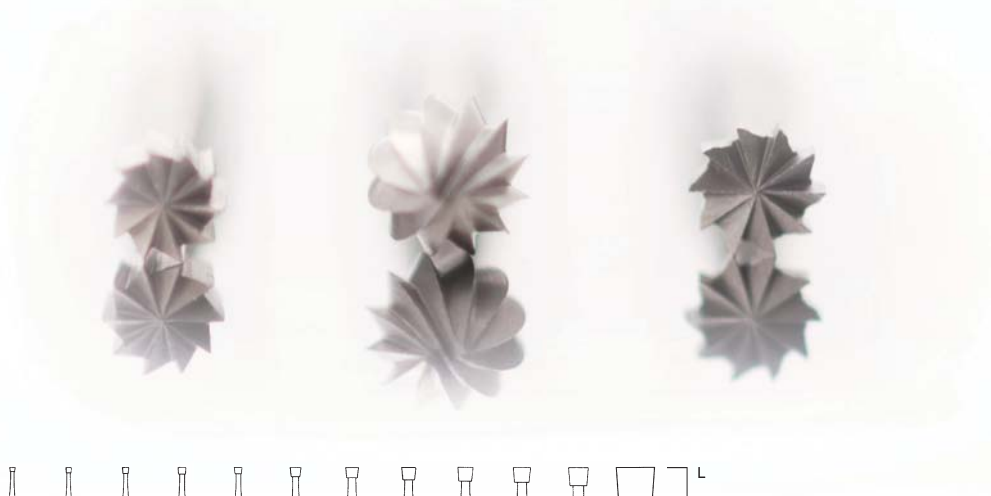


Fig.	Shank	ISO-No.	5	5	5	5	5	5	5
1	HP	310 **104** 001 001	035	037	040	042	045	047	050

* nur RF, only RF, solo RF



2

steel

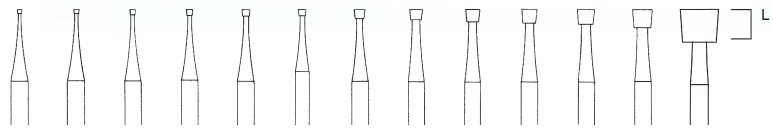


Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	10	10	10	5
		L mm	0,5	0,6	0,7	0,8	0,9	1,1	1,2	1,4	1,6	1,9	2,0	2,4	4,2
2	HP	310 **104** 010 001	006	007	008	009	010	012	014	016	018	021	023	027	050
	RA	310 **204** 010 001	006		008		010	012	014	016	018				

3

steel

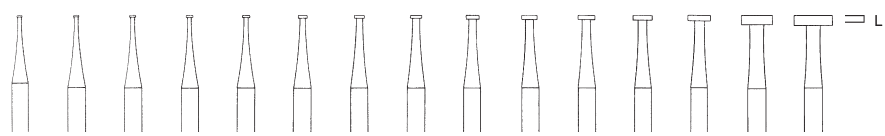


Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5
		L mm	0,2	0,2	0,3	0,3	0,3	0,3	0,4	0,4	0,5	0,5	0,6	0,7	0,8	1,0	1,3
3	HP	310 **104** 040 001	006	007	008	009	010	012	014	016	018	021	023	027	031	040	050

11

steel

11RF stainless steel

Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	1	10
11	HP	310 **104** 001 002	009	010	012	014	016	018	021	023		029	031
11RF	HP	330 **104** 001 002	009	010	012	014	016	018	021	023	027		031

* nur RF, only RF, solo RF

21

steel

Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10
		L mm	3,6	4,2	4,5	4,8	5,1	5,4	5,7	6,0
21	HP	310 **104** 107 006	008	010	012	014	016	018	021	023
	RA	310 **204** 107 006		010	012					

26

steel

Fig.	Shank	ISO-No.	10	10	10
		L mm	4,2	4,5	4,8
26	HP	310 **104** 107 001	010	012	014

36

steel

Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		L mm	3,0	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0	6,3	6,6	6,9	7,2
36	HP	310 **104** 107 002	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031
	RA	310 **204** 107 002			008	009	010	012	014	016							

38

steel

Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10	10	10	10
		L mm	3,0	3,3	3,6	3,9	4,2	4,3	4,5	4,7	4,8	5,1	5,4	5,7	6,0
38	HP	310 **104** 168 002	006	007	008	009	010	011	012	013	014	016	018	021	023
	RA	310 **204** 168 002			008		010		012		014	016	018	021	

39

steel

39RF stainless steel

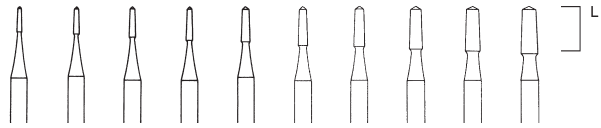


Fig.	Shank	ISO-No.									
			10	10	10	10	10	10	10	10	10	10
		L mm	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0
39	HP	310 **104** 206 002	007	008	009	010	012	014	016	018	021	023
39RF	HP	330 **104** 206 002		008	009	010	012	014	016	018	021	023

* nur RF, only RF, solo RF

159RF stainless steel

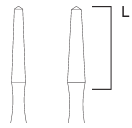
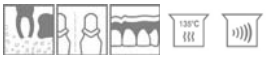


Fig.	Shank	ISO-No.		
			2	2
		L mm	11,0	11,0
159RF	HP	330 **104** 211 002	018	023



203

steel

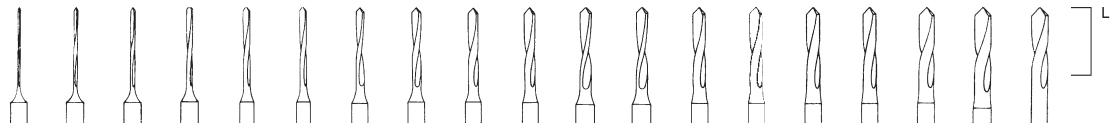


Fig.	Shank	ISO-No.																			
			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		L mm	7,0	7,0	7,0	7,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0
203	HP	310 **104** 417 364	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023

Spiralbohrer
Twist drills
Taladro espirales

HSS203

steel

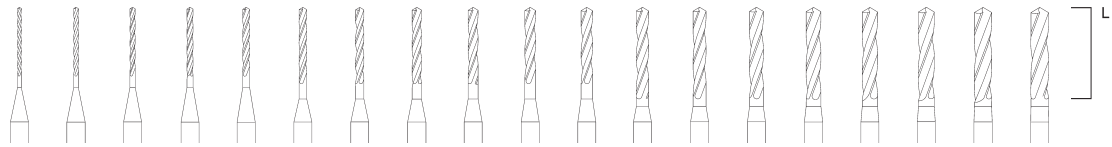


Fig.	Shank	ISO-No.																			
			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		L mm	9,0	9,0	9,0	9,0	9,0	10,0	10,0	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
HSS203	HP	350 **104** 417 364	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023

Spiralbohrer, Hochleistungs-Schnellstahl (HSS) - etwa 10fach höhere Standzeit
Twist drills, high speed steel (HSS) - approx. 10-fold longer endurance
Taladro espirales, disponible en acero (HSS) - aprox. 10 veces más durabilidad

Stahlfinisierer • Steel finishing burs • Fresas para acabar

41

steel

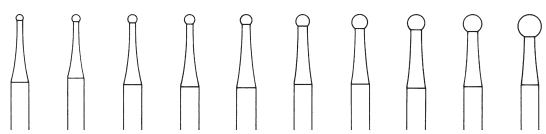


Fig.	Shank	ISO-No.										
			10	10	10	10	10	10	10	10	10	10
41	HP	310 **104** 001 071	009	010	012	014	016	018	021	023	025	
	RA	310 **204** 001 071		010	012	014	016	018	021	023		031

47 steel

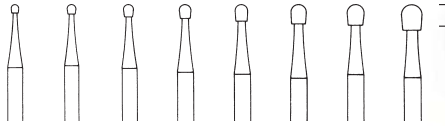


Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10
		L mm	1,2	1,5	1,7	1,9	2,2	2,5	2,8	3,3
47	RA	310 **204** 237 071	010	012	014	016	018	021	023	027

48 steel

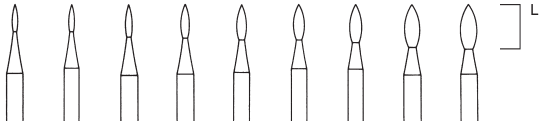


Fig.	Shank	ISO-No.	10	10	10	10	10	10	10	10	10
		L mm	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0	6,3
48	HP	310 **104** 243 071	008		010			016			
	RA	310 **204** 243 071	008	009	010	012	014	016	018	021	023

212 steel

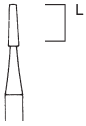


Fig.	Shank	ISO-No.	10
		L mm	4,8
212	RA	310 **204** 168 071	014

Stahlfräser
Steel cutters
Fresones de acero

9119 steel

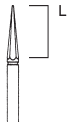


Fig.	Shank	ISO-No.	5
		L mm	7,5
9119	FG	310 **314** 470 381	016

Zahnsteinentferner
Tartar removal
Fresa para profilaxis

9120 steel

Fig.	Shank	ISO-No.	5
		L mm	2,5
9120	FG	310 **314** 469 381	009

Zahnsteinentferner
Tartar removal
Fresa para profilaxis

71 steel

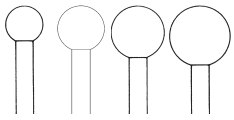


Fig.	Shank	ISO-No.	5	5	5	5
71	HP	310 **104** 001 171	050	060	070	080

72 steel

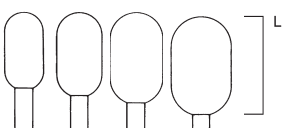


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	10,0	11,0	12,0	13,0
72	HP	310 **104** 155 171	050	060	070	080

73 steel

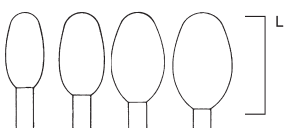


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	10,0	11,0	12,0	13,0
73	HP	310 **104** 277 171	050	060	070	080

75 steel

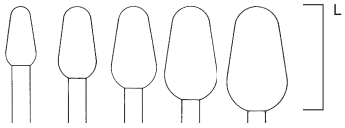


Fig.	Shank	ISO-No.	5	5	5	5	5
		L mm	8,0	9,5	11,0	12,5	14,0
75	HP	310 **104** 260 171	040	050	060	070	080
	RA	310 **204** 260 171		050	060		

77 steel

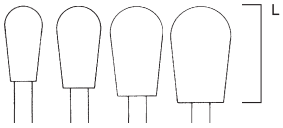


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	10,0	11,0	12,0	13,0
77	HP	310 **104** 237 171	050	060	070	080

78 steel

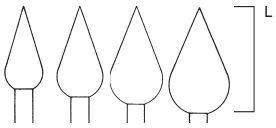


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	11,0	12,0	13,0	14,0
78	HP	310 **104** 257 171	050	060	070	080

79 steel

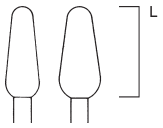


Fig.	Shank	ISO-No.	5	5
		L mm	12,0	12,0
79	HP	310 **104** 266 171	045	055
	RA	310 **204** 266 171	045	055

81RF stainless steel

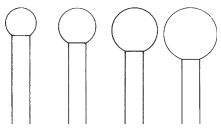


Fig.	Shank	ISO-No.	5	5	5	5
81RF	HP	330 **104** 001 172	040	050	060	070

Zum Ausarbeiten weichbleibender Unterfütterungsmaterialien
For the reduction of permanent soft relining material
Para modelar materiales de rebase permanentemente blandos

82RF stainless steel

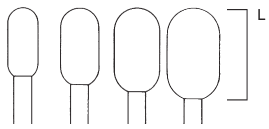
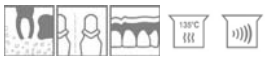


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	9,0	10,0	11,0	12,0
82RF	HP	330 **104** 155 172	040	050	060	070



Zum Ausarbeiten weichbleibender Unterfütterungsmaterialien
For the reduction of permanent soft relining material
Para modelar materiales de rebase permanentemente blandos

84RF stainless steel

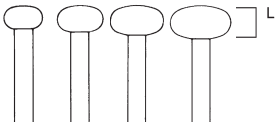


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	3,0	3,5	4,0	4,5
84RF	HP	330 **104** 103 172	050	060	070	080

Zum Ausarbeiten weichbleibender Unterfütterungsmaterialien
For the reduction of permanent soft relining material
Para modelar materiales de rebase permanentemente blandos

85RF stainless steel

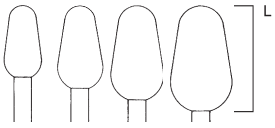


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	9,5	11,0	12,5	14,0
85RF	HP	330 **104** 260 172	050	060	070	080

Zum Ausarbeiten weichbleibender Unterfütterungsmaterialien
For the reduction of permanent soft relining material
Para modelar materiales de rebase permanentemente blandos

89 steel

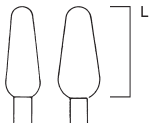


Fig.	Shank	ISO-No.	5	5
		L mm	12,0	12,0
89	HP	310 **104** 266 172	045	055

Zum Ausarbeiten weichbleibender Unterfütterungsmaterialien
For the reduction of permanent soft relining material
Para modelar materiales de rebase permanentemente blandos

91RF stainless steel

Fig.	Shank	ISO-No.	5
91RF	HP	330 **104** 001 132	050

Für Feinarbeiten an weichbleibenden Unterfütterungsmaterialien (91RF-95RF)
For finishing permanent soft relining material (91RF-95RF)
Para alisar materiales de rebase permanentemente blandos (91RF-95RF)

92RF stainless steel

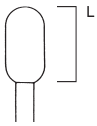


Fig.	Shank	ISO-No.	5
		L mm	10,0
92RF	HP	330 **104** 155 132	050

Für Feinarbeiten an weichbleibenden Unterfütterungsmaterialien (91RF-95RF)
For finishing permanent soft relining material (91RF-95RF)
Para alisar materiales de rebase permanentemente blandos (91RF-95RF)

95RF stainless steel

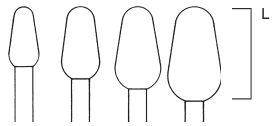


Fig.	Shank	ISO-No.	5	5	5	5
		L mm	8,0	9,5	11	12,5
95RF	HP	330 **104** 260 132	040	050	060	070

Für Feinarbeiten an weichbleibenden Unterfütterungsmaterialien (91RF-95RF)
For finishing permanent soft relining material (91RF-95RF)
Para alisar materiales de rebase permanentemente blandos (91RF-95RF)

104RF stainless steel

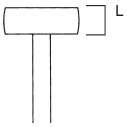


Fig.	Shank	ISO-No.	1
		L mm	3,5
104RF	HP	330 **104** 099 172	100

108 steel

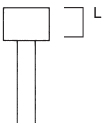


Fig.	Shank	ISO-No.	2
		L mm	3,7
108	HP	310 **104** 118 174	060

Reparaturfräser
Groove cutter for repairs
Fresa para cortar ranuras para reparaciones

231 steel

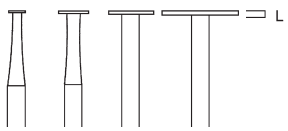


Fig.	Shank	ISO-No.	10	5	5	5
		L mm	0,2	0,3	0,4	0,5
231	HP	310 **104** 045 171	023	040	060	100

Kreissäge
Circular saw
Sierra circular

232RF stainless steel

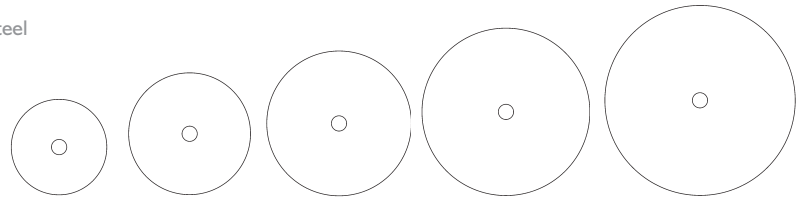


Fig.	Shank	ISO-No.		10	10	10	10	10
			L mm	0,1	0,1	0,1	0,1	0,1
232RF	unmounted	330 **900** 320 101		125	160	190	220	250

Kreissäge, rostfrei
Circular saw, stainless
Sierra circular, inoxidable

234 steel

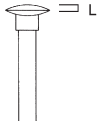


Fig.	Shank	ISO-No.		5
			L mm	1,5
234	HP	310 **104** 304 171		060

450 steel

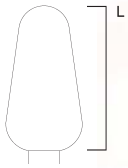


Fig.	Shank	ISO-No.		1
			L mm	19,0
450	HP	310 **104** 260 131		100

Gipsfräser
Cutter for plaster
Fresa para yeso

452RF stainless steel

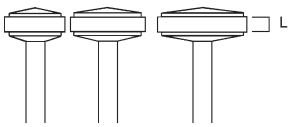


Fig.	Shank	ISO-No.		1	1	1
			L mm	2,0	2,0	2,0
452RF	HP	330 **104** 100 381		080	100	120

Nietrad
Riveter
Ruedas para remachar

452S steel

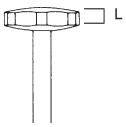
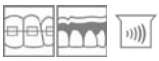


Fig.	Shank	ISO-No.		1
			L mm	2,0
452S	HP	310 **104** 100 383		100



Stauchrad
Ram wheel
Rueda para remachar

514 steel

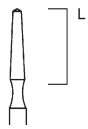


Fig.	Shank	ISO-No.		2
			L mm	10,5
514	HP	310 **104** 211 215		021

Labor-Stichfräser
Laboratory cutting bur
Fresa de punta para recortar

515 steel

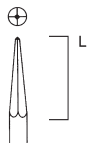


Fig.	Shank	ISO-No.		2
			L mm	11,0
515	HP	310 **104** 467 211		023

Labor-Stichfräser
Laboratory cutting bur
Fresa de punta para recortar

Träger • Mandrels • Mandriles

303S steel

Fig.	Shank	ISO-No.	5
303S	HP	310 **104** 603 391	050

Träger für Scheiben aller Art und Kreissägen
Mandrel for all types of discs and circular saws
Mandril para todos los tipos de discos y sierras circulares

315 steel

Fig.	Shank	ISO-No.	5
315	HP L	312 **105** 623 444	031

Träger für Sandpapierstreifen
Mandrel for sand-paper strips
Mandril para tiras de papel de lija

323 steel

Fig.	Shank	ISO-No.	2
			1,60
323	HP short	310 **103** 602 436	016

Mit den FG-Adaptern kann jedes FG-Instrument auch im Handstück (ø 2,35 mm) eingesetzt werden - beste Voraussetzung für die sachgerechte und uneingeschränkte Instrumentenauswahl
Any FG-instrument can be fixed to a handpiece (ø 2.35 mm) by means of this FG-adapter - best solution for successfully using an unlimited selection of instruments
Con el mandril adaptador se puede emplear cualquier instrumen-to FG en una pieza de mano recta (ø 2,35 mm) - un requisito para el surtido perfecto e ilimitado de instrumentos

329 steel

Fig.	Shank	ISO-No.	5
329	HP	312 **104** 610 417	023

Träger für elastische Polierer und Filzkegel
Mandrel for flexible polishers and felt-cones
Mandril para pulidores elasticos y conos de fieltro

RF-Träger • Mandrels, stainless • Mandriles. inoxidables

301LR stainless steel

Fig.	Shank	ISO-No.	5
301LR	HP	330 **104** 610 415	050

Träger für elastische Polierer und Filzkegel
Mandrel fpr flexible polishers and felt-cones
Mandril para pulidores flexibles y conos de fieltro

303RF stainless steel

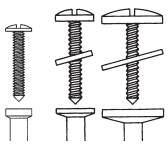


Fig.	Shank	ISO-No.	5	5	5
303RF	HP	330 **104** 603 391	035	050	080
	RA	330 **204** 603 391	035	050	
	HP 3	330 **124** 603 391		050	

Träger für Scheiben aller Art und Kreissägen
Mandrels for all types of discs and circular saws
Mandriles para todos los tipos de discos y sierras circulares

305RF stainless steel

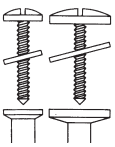


Fig.	Shank	ISO-No.	5	5
305RF	HP	330 **104** 604 391	050	080

Träger für Scheiben aller Art und Kreissägen
Mandrels for all types of discs and circular saws
Mandriles para todos los tipos de discos y sierras circulares

306RF stainless steel

Fig.	Shank	ISO-No.	5
306RF	HP	330 **104** 614 391	050

Träger für Scheiben aller Art und Kreissägen, flacher Trägerkopf ohne Unterlegscheibe, profilierte Spannfläche
Mandrel for all types of discs and circular saws, flat-headed mandrel without washer, profile clamping plate
Mandril para todos los tipos de discos y sierras circulares, cabeza portadora plana sin arandela, superfice de sujeción perfilada

309RF stainless steel

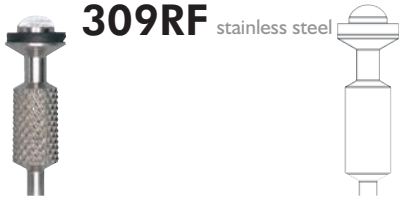


Fig.	Shank	ISO-No.	5
309RF	HP L	330 **105** 625 396	080

Träger mit Schnellspannung für Scheiben aller Art
Mandrel with manual fixture of all types of discs
Toda clase de portadiscos para montaje rápido

313SR stainless steel

Fig.	Shank	ISO-No.	5
313SR	HP	330 **104** 615 421	055
	RA	330 **204** 615 421	055

Träger für "Moore"-discs
Mandrel for "Moore" discs
Mandril para discos "Moore"

314RF stainless steel

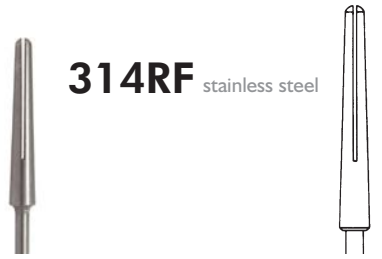


Fig.	Shank	ISO-No.	5
314RF	HP L	330 **105** 622 444	042

Träger für Sandpapierstreifen
Mandrel for sand-paper strips
Mandril para tiras de papel de lija

318RF stainless steel

Fig.	Shank	ISO-No.	5
318RF	HP	330 **104** 623 443	023

Träger für Sandpapierstreifen
Mandrel for sand-paper strips
Mandril para tiras de papel de lija

320A stainless steel

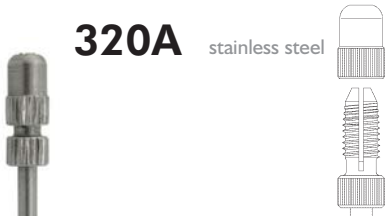


Fig.	Shank	ISO-No.	2
			1,6
320A	HP	330 **104** 612 434	016

Mit den FG-Adaptern kann jedes FG-Instrument auch im Handstück (ø 2,35 mm) eingesetzt werden - beste Voraussetzung für die sachgerechte und uneingeschränkte Instrumentenauswahl
Any FG-instrument can be fixed to a hand-piece (ø 2.35 mm) by means of this FG-adapter - best solution for successfully using an unlimited selection of instruments
Con el mandril adaptador se puede emplear cualquier instrumen-to FG en una pieza de mano recta (ø 2,35 mm) - un requisito para el surtido perfecto e ilimitado de instrumentos

327RF stainless steel

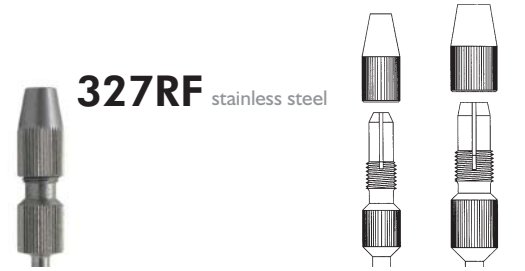


Fig.	Shank	ISO-No.	1	1
			2,0	3,0
327RF	HP	330 **104** 612 432	020	030
	RA	330 **204** 612 432	020	

Träger für Kauflächenpolierer
Mandrels for occlusal surface polishers
Mandriles para pulidores de superficies eclusales