

HAIMER®
Quality Wins.

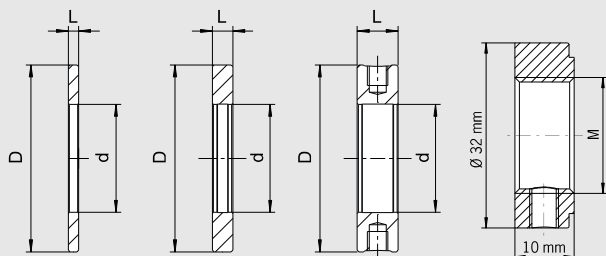


M A S T E R C A T A L O G

HAIMER®

GRINDING WHEEL ADAPTERS

ACCESSORIES FOR GRINDING WHEEL ADAPTERS



Summary of the accessories for HAIMER grinding wheel adapters

Accessories		
Spacers Ø D 40 mm/d 20 mm		L [mm]
Order No.		
999001-1135	without balancing thread	3
999001-1136	without balancing thread	6
999001-1137	with balancing thread	12
Spacers Ø D 50 mm/d 20 mm		L [mm]
Order No.		
999001-1139	without balancing thread	3
999001-1140	without balancing thread	6
999001-1138	with balancing thread	12
Spacers Ø D 40 mm/d ¾"		L [mm]
Order No.		
999001-1149	without balancing thread	3
999001-1150	without balancing thread	6
999001-1151	with balancing thread	12
Spacers Ø D 55 mm/d 1 ¼"		L [mm]
Order No.		
999001-1153	without balancing thread	3
999001-1154	without balancing thread	6
999001-1152	with balancing thread	12
Spacers Ø D 35 mm/d 20 mm		L [mm]
Order No.		
999001-1155	without balancing thread	3
999001-1156	without balancing thread	6
999001-1157	with balancing thread	12
Lock plate		
Order No.		
999001-1134		35x20x1.5
Clamping nut		
Order No.		
915005-0004		M20x1
915005-0001	(only Rollomatic+Reinecker)	M20x1.5
Sealing pin POM white		
Order No.		
900052-0007		M8



SET OF BALANCING SCREWS



Use:

For fine-balancing grinding wheel adapter and spacers with balancing threads M6.

The screws have different weights in fine increments.

They are screwed into the balancing threads of the tool holder so that their weight compensates the unbalance of the tool holder.

- Set consisting of screws of 11 different sizes and weights
- The screws are tightened to the bottom of the thread. No additional fixing of screws necessary
- Balance quickly and precisely
- No damage of tool holders
- Can be repeated as often as necessary
- Suitable for tool holders of all brands
- The balancing machine calculates the necessary weight of the screws (e.g. HAIMER Tool Dynamic)

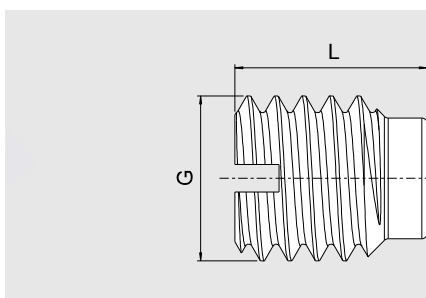
Delivery:

Case with 11 x 10 balancing screws, screwdriver

Set of balancing screws

Order No. 80.203.00

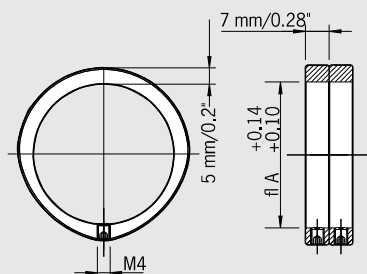
HEAVY METAL BALANCING SCREWS



Heavy metal balancing screws (thread M6) for manual balancing of tool holders.

Length L [mm]	07	07	08	08	10	10
Size G [mm]	M6x7	M6x7 (5 pcs.)	M6x8	M6x8 (5 pcs.)	M6x10	M6x10 (5 pcs.)
Mass	ca. 2.3 g	ca. 2.3 g	ca. 2.7 g	ca. 2.7 g	ca. 3.5 g	ca. 3.5 g
Order No.	85.502... .7.0	.7.0.SET	.8.0	.8.0.SET	.10.0	.10.0.SET

BALANCING RINGS



For fine-balancing all tool holders with cylindrical outer diameter (diam. A).

The balancing index rings have a defined unbalance in themselves. They are turned in such a position that the unbalance of the tool holder will be compensated. There are always 2 rings needed per balancing plane.

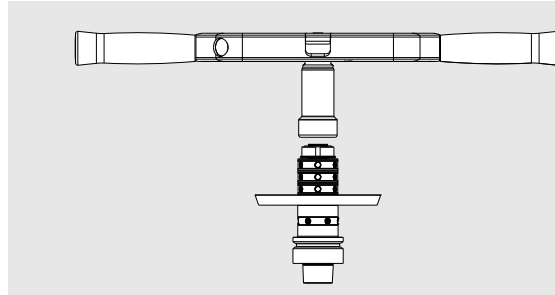
- Balancing quickly and precisely
- No damage to tool holder
- Can be repeated as often as necessary
- Simply fixed by clamping screw
- Suitable for tool holders of all brands
- The balancing machine determines the position of the rings
- Included in delivery: 2 balancing index rings with screws (without hex wrench)
- Tightening torque: 1 ft lb (1.4 Nm)

Order No.	Ø A [mm]	Ø A [inch]	unbalance ¹⁾	rpm [1/min]
79.350.15	15	0.59	14 g·mm	max. 55,000
79.350.16	16	0.63	14 g·mm	max. 55,000
79.350.17	17	0.67	16 g·mm	max. 55,000
79.350.18	18	0.71	17 g·mm	max. 55,000
79.350.19	19	0.75	19 g·mm	max. 55,000
79.350.20	20	0.79	21 g·mm	max. 55,000
79.350.22	22	0.87	23 g·mm	max. 55,000
79.350.23	23	0.91	25 g·mm	max. 55,000
79.350.24	24	0.94	27 g·mm	max. 55,000
79.350.25	25	0.98	28 g·mm	max. 55,000
79.350.26	26	1.02	32 g·mm	max. 50,000
79.350.27	27	1.06	32.5 g·mm	max. 50,000
79.350.28	28	1.10	34 g·mm	max. 50,000
79.350.30	30	1.18	37 g·mm	max. 45,000
79.350.32	32	1.26	43 g·mm	max. 45,000
79.350.34	34	1.34	46 g·mm	max. 40,000
79.350.35	35	1.38	48 g·mm	max. 40,000
79.350.36	36	1.42	51 g·mm	max. 40,000
79.350.38	38	1.50	56 g·mm	max. 35,000
79.350.40	40	1.57	60 g·mm	max. 35,000
79.350.42	42	1.65	65 g·mm	max. 35,000
79.350.43	43	1.69	69 g·mm	max. 35,000
79.350.1.71Z	43.45	1.71	68 g·mm	max. 35,000
79.350.44	44	1.73	72 g·mm	max. 35,000
79.350.46	46	1.81	80 g·mm	max. 35,000
79.350.48	48	1.89	85 g·mm	max. 30,000
79.350.50	50	1.97	90 g·mm	max. 30,000
79.350.52	52	2.05	100 g·mm	max. 30,000
79.350.53	53	2.09	100 g·mm	max. 30,000
79.350.54	54	2.13	103 g·mm	max. 30,000

Order No.	Ø A [mm]	Ø A [inch]	unbalance ¹⁾	rpm [1/min]
79.350.55	55	2.17	105 g·mm	max. 30,000
79.350.56	56	2.20	110 g·mm	max. 30,000
79.350.58	58	2.28	120 g·mm	max. 30,000
79.350.60	60	2.36	128 g·mm	max. 25,000
79.350.62	62	2.44	132 g·mm	max. 25,000
79.350.63	63	2.48	135 g·mm	max. 25,000
79.350.64	64	2.52	147 g·mm	max. 25,000
79.350.65	65	2.56	147 g·mm	max. 25,000
79.350.66	66	2.60	145 g·mm	max. 25,000
79.350.68	68	2.68	161 g·mm	max. 25,000
79.350.70	70	2.76	165 g·mm	max. 25,000
79.350.72	72	2.83	170 g·mm	max. 25,000
79.350.74	74	2.91	184 g·mm	max. 25,000
79.350.76	76	2.99	186 g·mm	max. 20,000
79.350.78	78	3.07	206 g·mm	max. 20,000
79.350.80	80	3.15	215 g·mm	max. 20,000
79.350.82	82	3.23	213 g·mm	max. 20,000
79.350.84	84	3.31	229 g·mm	max. 20,000
79.350.86	86	3.39	249 g·mm	max. 20,000
79.350.87	87	3.43	256 g·mm	max. 20,000
79.350.88	88	3.46	251 g·mm	max. 20,000
79.350.89	89	3.50	260 g·mm	max. 20,000
79.350.90	90	3.54	265 g·mm	max. 20,000
79.350.92	92	3.62	275 g·mm	max. 20,000
79.350.94	94	3.70	286 g·mm	max. 20,000
79.350.96	96	3.78	300 g·mm	max. 20,000
79.350.98	98	3.86	305 g·mm	max. 20,000
79.350.100	100	3.94	320 g·mm	max. 15,000
79.350.125	125	4.92	500 g·mm	max. 15,000

1) Unbalance g·mm are reference values, small variances possible
Additional sizes may be available – please contact Haimer USA for more information

TORQUE WRENCH WITH EXTENSION AND BOX NUT FOR HAIMER GRINDING WHEEL ADAPTERS



Use:

- For highest runout accuracy (no one-side clamping)
- Optimal power transmission (consistent force application)
- For highest clamping accuracy and repeatability with dial gauge
- Maximum torque for highest clamping force
- Changeable inserts

Torque wrench with extension and box nut extension

Torque wrench

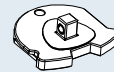
Order No. 84.600.01



Extension

To accommodate all standard square socket wrench inserts 1/2"

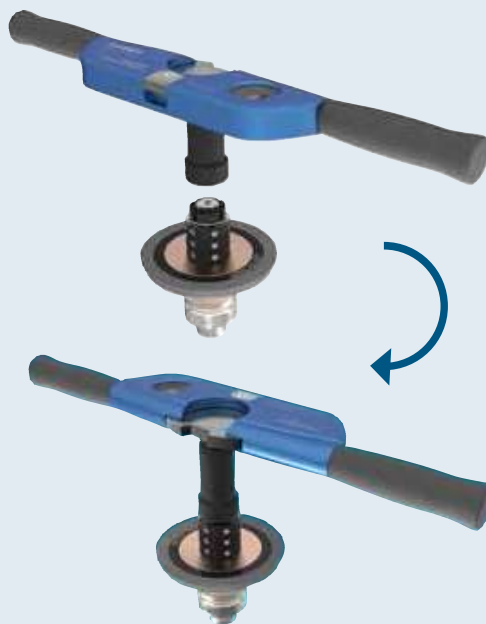
Order No. 84.630.1/2z



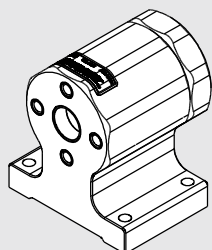
Box nut 4-KM4

Suitable for all HAIMER clamping nuts

Order No. 915005-0005



ASSEMBLY STATION – ACCESSORIES

**Tool Clamp – Tool-assembly device:**

- Secure tool assembly with minimal physical effort
- Quick-change function for different taper interfaces – without additional tools
- Accident-free assembly of cutting tools
- Elastic locking bolt
- Mechanical security pin
- Better tool clamping, thanks to optimum ergonomics
- Replaceable brass inserts protect the taper surface
- Required space 140 x 100 mm



Tool Clamp



Tool holder SK



Vice

Tool Clamp – without tool holder, 4 x 90° indexable	
Order No.	84.700.00
Tool holder CAT/BT/SK	
Order No.	Type
84.701.30	CAT/BT/SK 30
84.701.40	CAT/BT/SK 40
84.701.50	CAT/BT/SK 50
Tool holder HSK-A	
Order No.	Type
84.702.40	HSK-A40
84.702.50	HSK-A50
84.702.63	HSK-A63
84.702.80	HSK-A80
84.702.10	HSK-A100
Tool holder HSK-C/HSK-E	
Order No.	Type
84.703.32	HSK-C/E32
84.703.40	HSK-C/E40
84.703.50	HSK-C/E50
84.703.63	HSK-C/E63
84.703.80	HSK-C/E80
Tool holder HSK-F	
Order No.	Type
84.704.63.M	HSK-F63 MAKINO
84.704.80.M	HSK-F80 MAKINO
Tool holder PSC	
Order No.	Type
84.705.32	PSC 32
84.705.40	PSC 40
84.705.50	PSC 50
84.705.60	PSC 63
Tool holder KM4X100*	
Order No.	Type
84.706.4X.100	KM4X*
Vice	
Order No.	84.810.22

*KM4X is a registered trademark/tradename of Kennametal Inc.