

Equi'Z toolbalancer



grinding deserves SOLUTIONS

GDS[®]
Made in Germany

Eliminate last obstacles in high precision production – work efficient and cost effective by **using balanced grinding wheel adapters.**



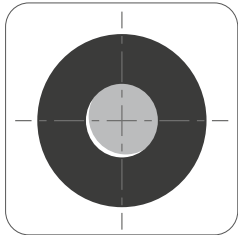
GDS' balancing system Equi'Z enables you to ensure consistent tool machining quality while preventing grinding wheel wear and machine repairs.

Protect your spindles and increase grinding wheel's service life with our perfectly harmonized balancing system. With a precise balanced grinding wheel, you work cost effective and preventive. You increase your units per wheel, improve your surface quality and avoid chatter marks. GDS' Equi'Z improves your grinding machine's mechanical stability and reduces stress at the spindle-bearing.

Our balancing system is available in different versions and perfectly adjusted to each application.

Imbalance factors:

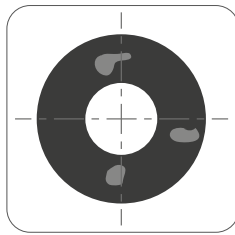
Tolerance of grinding wheel bore



Consequences of imbalance:

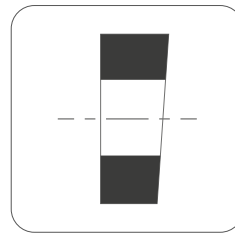
Reduced surface quality (chatter marks).

Homogeneity of grinding wheel



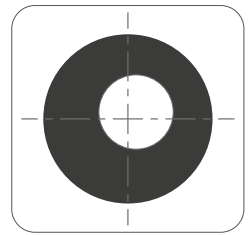
Reduced dimensional accuracy of workpiece (dressing costs increase).

Parallelism of the grinding wheel



High grinding wheel wear (short service life).

Concentricity of the grinding wheel



Headstock wear (unnecessary repairs and machine downtime).



The Equi'Z balancing machines easily detect an imbalance of less than 0.1 g on all parts, whether their weight is 50 g or 8 kg.

Due to its light weight, the soft-bearing balancing machine is easy to move without special equipment.

Stand-alone device. No additional computer required.

Requires no PC or programming knowledge to operate.

Balances every tool or wheel set.

Prevent headstock and spindle-bearing repairs using the Equi'Z balancing system.

Wheel balancing increases wheel life and produces better surface finish and cutting edge on the tools you grind.



Standalone balancing station high balancing accuracy $\leq 0,5$ gmm

Operating options:

Tablet, Notebook, PC (Windows 10)

or with integrated display.

Equi'Z Competition

Item No.: 400006004

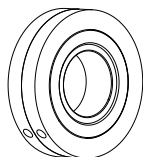


Equi'Z toolbalancer

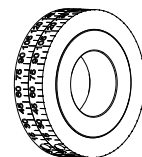
Order No.	Name
400006001	Equi'Z Competition to HSK63 or SK40 for Tablet // Notebook // PC
400006004	Equi'Z Competition Stand Alone 1 plane, to HSK63 / SK40 / PSC 5, BMT200-1.OP40
400006005	Equi'Z Competition Stand Alone 1+2 plane, to HSK63 / SK40 / PSC 5, BMT200-2.OP40

Order No.	Name
400006003	Equi'Z Ultimate to HSK100 or SK50 for Tablet // Notebook // PC
400006006	Equi'Z Ultimate Stand Alone 1 plane, to HSK125 / SK50 / PSC 8, BMT200-1.OP100
400006007	Equi'Z Ultimate Stand Alone 1+2 plane, to HSK125 / SK50 / PSC 8, BMT200-2.OP100

For balancing machine:

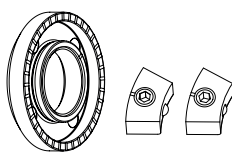


Order No.	Name
350080120	Balancing ring without scale 3-part 80gmm $\varnothing 60 \times \varnothing 20 \times 12$
350080130	Balancing ring without scale 3-part 80gmm $\varnothing 45 \times \varnothing 20 \times 12$



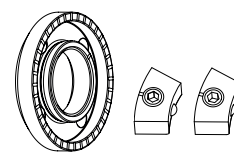
Order No.	Name
350080100	Balancing ring with scale 3-part 80gmm $\varnothing 60 \times \varnothing 20 \times 12$
350080110	Balancing ring with scale 3-part 80gmm $\varnothing 45 \times \varnothing 20 \times 12$

For grinding wheel adapters:



Order No.	Name
350020080	Clamping nut with balancing option $\varnothing 35 \times \varnothing 40 \times 8 \times M20 \times 1$ (without weights)
350020081	Balancing weight pair for clamping nut $\varnothing 35$ 40gmm
350040040	Clamping nut wrench PC29 for $\varnothing 20$

Order No.	Name
350020026	Clamping nut with balancing option $\varnothing 47 \times 12 M31,5 \times 1,5$ (without weights)
350020027	Balancing weight pair for clamping nut $\varnothing 47$ 70gmm
350040030	Clamping nut wrench PC39 for $\varnothing 47$



Order No.	Name
350020020	Clamping nut with balancing option $\varnothing 50 \times 8,5 M20 \times 1,0$ (without weights)
350020021	Balancing weight pair for clamping nut $\varnothing 50$ 100gmm
350040010	Clamping nut wrench PC 27 for $\varnothing 20$

Order No.	Name
350020022	Clamping nut with balancing option $\varnothing 60 \times 9 M32 \times 1,5$ (without weights)
350020023	Balancing weight pair for clamping nut $\varnothing 60$ 200gmm
350040030	Clamping nut wrench PC39 for $\varnothing 47$

Accessories

for Competition and Competition Stand Alone:

Item No.	Name
350080221	Equi'Z Adapter Perfect Arbor Standard // Competition
350080250	Equi'Z Adapter HSK63-A Standard // Competition
350080252	Equi'Z Adapter HSK63-F Standard // Competition
350080260	Equi'Z Adapter HSK50-A Standard // Competition
350080262	Equi'Z Adapter HSK50-F Standard // Competition
350080270	Equi'Z Adapter HSK40-A Standard // Competition
350080272	Equi'Z Adapter HSK40-F Standard // Competition
350080280	Equi'Z Adapter HSK32-F Standard // Competition
350080285	Equi'Z Adapter HSK25-A Standard // Competition
350080286	Equi'Z Adapter HSK32-A Standard // Competition
350080290	Equi'Z Adapter SK30-A Standard // Competition
350080300	Equi'Z Adapter SK40-A Standard // Competition
350080399	Equi'Z Adapter BT30/ANSI Standard // Competition
350080400	Equi'Z Adapter BT30/PT45 Standard // Competition
350080401	Equi'Z Adapter BT30/PT60 Standard // Competition
350080402	Equi'Z Adapter BT40/PT15 Standard // Competition
350080403	Equi'Z Adapter BT40/PT30 Standard // Competition
350080404	Equi'Z Adapter BT40/PT45 Standard // Competition
350080405	Equi'Z Adapter BT40/PT60 Standard // Competition
350080406	Equi'Z Adapter BT40/PT75 Standard // Competition
350080407	Equi'Z Adapter BT40/PT90 Standard // Competition

Accessories

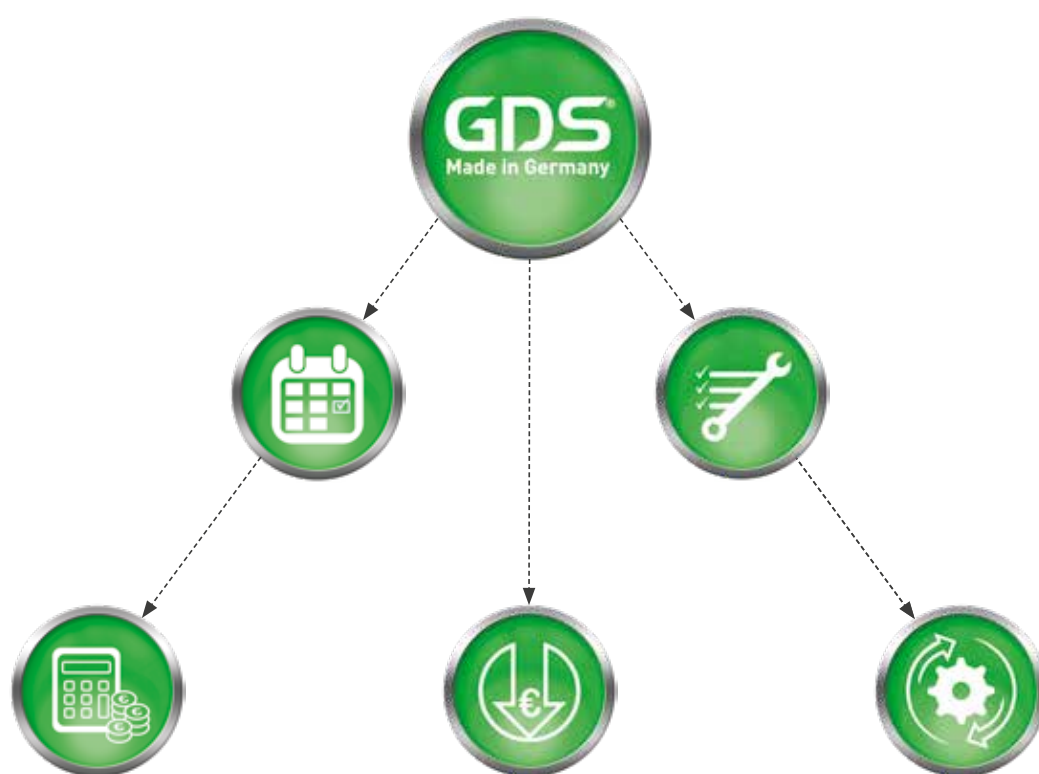
for Ultimate and Ultimate Stand Alone:

Item No.	Name
350080222	Equi'Z Adapter Perfect Arbor Power // Ultimate
350080251	Equi'Z Adapter HSK63-A Power // Ultimate
350080255	Equi'Z Adapter HSK80-A Power // Ultimate
350080256	Equi'Z Adapter HSK100-A Power // Ultimate
350080263	Equi'Z Adapter HSK50-A Power // Ultimate
350080271	Equi'Z Adapter HSK40-A Power // Ultimate
350080287	Equi'Z Adapter HSK32-A Power // Ultimate
350080310	Equi'Z Adapter SK50-A Power // Ultimate
350080311	Equi'Z Adapter SK40-A Power // Ultimate
350080312	Equi'Z Adapter SK30-A Power // Ultimate
350080410	Equi'Z Adapter BT30/PT30 Power // Ultimate
350080411	Equi'Z Adapter BT30/PT45 Power // Ultimate
350080413	Equi'Z Adapter BT40/PT30 Power // Ultimate
350080414	Equi'Z Adapter BT40/PT45 Power // Ultimate
350080415	Equi'Z Adapter BT40/PT90 Power // Ultimate
350080416	Equi'Z Adapter BT50/PT30 Power // Ultimate
350080417	Equi'Z Adapter BT50/PT45 Power // Ultimate
350080418	Equi'Z Adapter BT50/PT90 Power // Ultimate

Accessories for Competition and Ultimate:

Item No.	Name
400006075	Equi'Z tablet stand
400006076	Equi'Z tablet tray

REVOLUTION IN TOOLGRINDING



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