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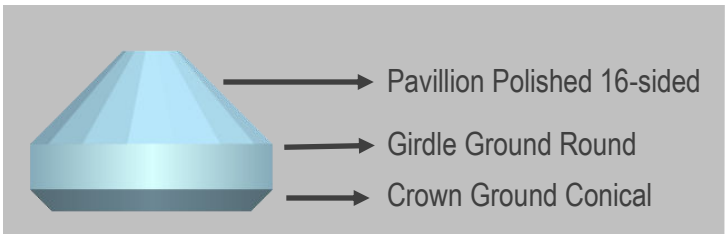
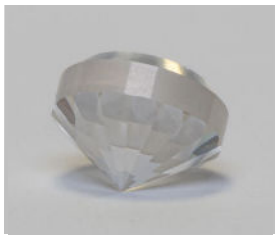
Application Note

Girdle and Crown Options for Standard and Diacell Design Diamond anvils

This application note explains the changes in girdle (diameter) and crown (between girdle and table) finishes for Standard and Diacell Design diamond anvils as from January 2024.

OPTION 1: Girdle Ground Round — Crown Ground Conical (GGR-CGC)





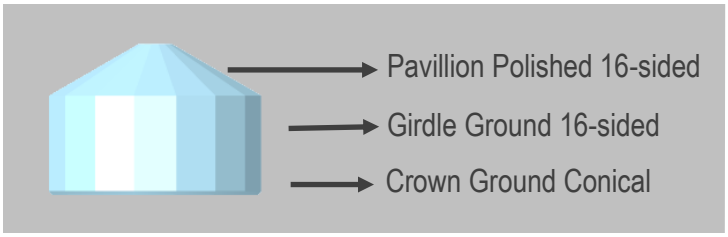
Girdle ground round instead of 16-sided polished. Ideal when **epoxying** your diamond anvil.

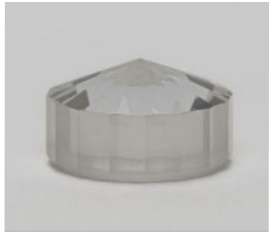
Crown ground conical instead of 16-sided polished.

Better symmetry (and shorter lead times) due to automation.

New default for **Standard Design** diamond anvils as from January 2024.

OPTION 2: Girdle Ground 16-sided — Crown Ground Conical (GG16-CGC)





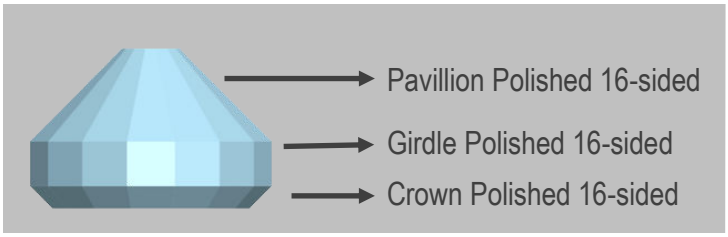
Girdle ground 16-sided instead of 16-sided polished. Important **to fit the anvil in anvil rings**!

Crown ground conical instead of 16-sided polished.

Better symmetry (and shorter lead times) due to automation.

New default for **Diacell Design** diamond anvils from January 2024.. Can be requested for Standard Design anvils.

OPTION 3: Girdle Polished 16-sided — Crown Polished 16-sided (GP16-CP16)



Girdle polished 16-sided. Important to fit the anvil in anvil rings.

Crown polished 16-sided.

Old symmetry and longer lead times due to manual work.

Only upon specific request for Standard Design and Diacell Design diamond anvils.