

SINTERGRIP LOCKING SYSTEM

ITEM: C6335

Sintergrip is a safe locking method conceived to avoid work piece deformations. The system comprises two different elements: a pair of jaws and a set of carbide inserts featuring a special patented profiling so to efficiently lock the work piece avoiding any need for premachining or special clamping.

Sintergrip also allows to lock for as few millimeters as possible the work piece in the clamping unit (3,5 mm grip) therefore enabling:

- complete item machining in a single phase (especially for 5-axis units)
- a cost-effective approach to the use of raw materials, especially when these have a significant impact on the costs (aluminum, titanium, etc.)

ALL IN ONE

1. Shape of the self-centering seat of the inserts with dovetail interlocking
2. Fixing holes to the vise
3. Tungsten carbide coating for better grip in the second operation
4. Seat for Clak system
5. Made on steel with tensile strength $\sim 1.080 \text{ N/mm}^2$ + nitriding.

Tech. Code	Description
C6335ALL150	Pair of jaws TC/MC 150 ALL IN ONE
C6335ALL200	Pair of jaws TC/MC 200 ALL IN ONE
C6335STD150	Pair of jaws TC/MC 150 STANDARD
C6335STD200	Pair of jaws TC/MC 200 STANDARD

SINTERGRIP INSERTS

ITEM: C6336

SinterGrip inserts are made in ISO P30:P35 carbide PVD-method coated.

The cutting edges of its teeth is patented, the lower angle being greater than the upper one, jointed by a special cone-shaped insert section, generate two ideal thrust forces ensure a pull-down effect on the clamped workpiece, allowing a decreased clamping force for significantly reduced deformation phenomena and vibration risks.

Tech. Code	Description
C6336ACC	Set of 10 Sintergrip STD inserts for steel
C6336ALU	Set of 10 Sintergrip STD inserts for aluminum
C6336TEMP	Set of 10 Sintergrip STD inserts for tempered steel

CLAK QUICK CHANGE MODULAR FLAT PARALLELS - SET OF 6 PAIRS

ITEM: C6340

Set of 6 parallel pairs.

Exclusive quick change modular parallel system.

Advantages:

- Allows quick change of parallel jaws
- Eliminates clamps and locks thanks to a self-lock system.
- Precision maintenance



All parallel or jaw CLAK systems can be used on both the TC range and the MC range.

Tech. Code	For models	B mm
C6340SET150	TC 150x.../MC 150x...	20 - 25 - 30 - 35 - 40 - 45