



ÉLELMISZERIPARI MUNKAHENGGER, KIFUTÓ SZÉRIA

454 Sorozat

G454A63K0320A00

- ISO 15552
- Vékony kialakítás rozsdamentes acél felülettel
- Ø32mm-től 100 mm-ig
- 5-1000mm löket
- Önkenő



TERMÉKLEÍRÁS

A 454-es sorozat az Asco profilhengereinek új szériája, amelyet az élelmiszerekhez jóváhagyott környezetekhez fejlesztettek ki, és az FDA-irányelvet teljesítő jóváhagyással rendelkezik.

A test eloxált alumínium, nagyon sima felületű lekerekített éllel, így a henger rendkívül könnyen tisztán tartható.

A véglemezek rozsdamentes anyaggal kezelték, és az összes csavar és anya rozsdamentes acélból van.

A dugattyúrúd-tömítés PUR, FPM, FPM+PTFE anyagból is kapható. Sőt az egész henger is elérhető ATEX-kivitelben.

Opcióként az Asco kifejlesztett egy önkenő adaptert, hogy a henger karbantartása zökkenőmentes legyen, és megakadályozza, hogy szennyeződés jusson be a hengerbe.

Megakadályozható, hogy a dugattyúrúdhhoz tapadó szennyeződés bekerüljön a hengerbe, amikor az adapter kaparógyűrűként működik, ehelyett az adapterben tárolt kenőanyag a dugattyúhengeren keresztül kerül be a hengerbe.

Ez az adapter rozsdamentes acélból készült, és az élelmiszerben és a mezőgazdaságban használható PUR-tömítéssel rendelkezik.

A további technikai információkért és az árakért vegye fel a kapcsolatot a Tryck & Flöde (Áramlás- és nyomástechnika) részlegünkkel:

Eldar Karat
Termékfelelős, Pneumatika
+46 075 242 4223
eldar.karat@oemautomatic.se

MŰSZAKI ADATOK

Biztosított anyag	Ötvözet
Csillapítótömítés anyaga	PUR
Dugattyúátmérő	63 mm
Dugattyúrúd anyaga	Rozsdamentes acél 316L
Dugattyúrúd-csavaranya anyaga	Rozsdamentes acél
Dugattyútömítés anyaga	PUR
Löket	320 mm
Max. üzemi hőmérséklet	70 °C

Max. üzemi nyomás	10 bar
Min. üzemi hőmérséklet	-20 °C
Nyomófej anyaga	POM
Palack anyaga	POM
Test anyaga	Eloxált alumínium

DIMENSIONS (mm), WEIGHT (kg)  **Configurator : CAD Files**

SINGLE-ROD TYPE CYLINDER
New cylinder
ISO 15552



Stroke
Stroke x 2
Width across flange

Ø	A	ØB ⁽¹⁾	ØC	E	ØEE	ØKK	KV	KW	L ₂	L ₃	M	ØMM	N	PL	ØRT	SW	TG	VA	VO	WN	Z ₂	Z ₃	W ₀	W ₀₁	W ₀₂	W ₀₃	W ₀₄	W ₀₅	W ₀₆	W ₀₇	W ₀₈	W ₀₉	W ₁₀	W ₁₁	W ₁₂	W ₁₃	W ₁₄	W ₁₅	W ₁₆	W ₁₇	W ₁₈	W ₁₉	W ₂₀	W ₂₁	W ₂₂	W ₂₃	W ₂₄	W ₂₅	W ₂₆	W ₂₇	W ₂₈	W ₂₉	W ₃₀	W ₃₁	W ₃₂	W ₃₃	W ₃₄	W ₃₅	W ₃₆	W ₃₇	W ₃₈	W ₃₉	W ₄₀	W ₄₁	W ₄₂	W ₄₃	W ₄₄	W ₄₅	W ₄₆	W ₄₇	W ₄₈	W ₄₉	W ₅₀	W ₅₁	W ₅₂	W ₅₃	W ₅₄	W ₅₅	W ₅₆	W ₅₇	W ₅₈	W ₅₉	W ₆₀	W ₆₁	W ₆₂	W ₆₃	W ₆₄	W ₆₅	W ₆₆	W ₆₇	W ₆₈	W ₆₉	W ₇₀	W ₇₁	W ₇₂	W ₇₃	W ₇₄	W ₇₅	W ₇₆	W ₇₇	W ₇₈	W ₇₉	W ₈₀	W ₈₁	W ₈₂	W ₈₃	W ₈₄	W ₈₅	W ₈₆	W ₈₇	W ₈₈	W ₈₉	W ₉₀	W ₉₁	W ₉₂	W ₉₃	W ₉₄	W ₉₅	W ₉₆	W ₉₇	W ₉₈	W ₉₉	W ₁₀₀	W ₁₀₁	W ₁₀₂	W ₁₀₃	W ₁₀₄	W ₁₀₅	W ₁₀₆	W ₁₀₇	W ₁₀₈	W ₁₀₉	W ₁₁₀	W ₁₁₁	W ₁₁₂	W ₁₁₃	W ₁₁₄	W ₁₁₅	W ₁₁₆	W ₁₁₇	W ₁₁₈	W ₁₁₉	W ₁₂₀	W ₁₂₁	W ₁₂₂	W ₁₂₃	W ₁₂₄	W ₁₂₅	W ₁₂₆	W ₁₂₇	W ₁₂₈	W ₁₂₉	W ₁₃₀	W ₁₃₁	W ₁₃₂	W ₁₃₃	W ₁₃₄	W ₁₃₅	W ₁₃₆	W ₁₃₇	W ₁₃₈	W ₁₃₉	W ₁₄₀	W ₁₄₁	W ₁₄₂	W ₁₄₃	W ₁₄₄	W ₁₄₅	W ₁₄₆	W ₁₄₇	W ₁₄₈	W ₁₄₉	W ₁₅₀	W ₁₅₁	W ₁₅₂	W ₁₅₃	W ₁₅₄	W ₁₅₅	W ₁₅₆	W ₁₅₇	W ₁₅₈	W ₁₅₉	W ₁₆₀	W ₁₆₁	W ₁₆₂	W ₁₆₃	W ₁₆₄	W ₁₆₅	W ₁₆₆	W ₁₆₇	W ₁₆₈	W ₁₆₉	W ₁₇₀	W ₁₇₁	W ₁₇₂	W ₁₇₃	W ₁₇₄	W ₁₇₅	W ₁₇₆	W ₁₇₇	W ₁₇₈	W ₁₇₉	W ₁₈₀	W ₁₈₁	W ₁₈₂	W ₁₈₃	W ₁₈₄	W ₁₈₅	W ₁₈₆	W ₁₈₇	W ₁₈₈	W ₁₈₉	W ₁₉₀	W ₁₉₁	W ₁₉₂	W ₁₉₃	W ₁₉₄	W ₁₉₅	W ₁₉₆	W ₁₉₇	W ₁₉₈	W ₁₉₉	W ₂₀₀	W ₂₀₁	W ₂₀₂	W ₂₀₃	W ₂₀₄	W ₂₀₅	W ₂₀₆	W ₂₀₇	W ₂₀₈	W ₂₀₉	W ₂₁₀	W ₂₁₁	W ₂₁₂	W ₂₁₃	W ₂₁₄	W ₂₁₅	W ₂₁₆	W ₂₁₇	W ₂₁₈	W ₂₁₉	W ₂₂₀	W ₂₂₁	W ₂₂₂	W ₂₂₃	W ₂₂₄	W ₂₂₅	W ₂₂₆	W ₂₂₇	W ₂₂₈	W ₂₂₉	W ₂₃₀	W ₂₃₁	W ₂₃₂	W ₂₃₃	W ₂₃₄	W ₂₃₅	W ₂₃₆	W ₂₃₇	W ₂₃₈	W ₂₃₉	W ₂₄₀	W ₂₄₁	W ₂₄₂	W ₂₄₃	W ₂₄₄	W ₂₄₅	W ₂₄₆	W ₂₄₇	W ₂₄₈	W ₂₄₉	W ₂₅₀	W ₂₅₁	W ₂₅₂	W ₂₅₃	W ₂₅₄	W ₂₅₅	W ₂₅₆	W ₂₅₇	W ₂₅₈	W ₂₅₉	W ₂₆₀	W ₂₆₁	W ₂₆₂	W ₂₆₃	W ₂₆₄	W ₂₆₅	W ₂₆₆	W ₂₆₇	W ₂₆₈	W ₂₆₉	W ₂₇₀	W ₂₇₁	W ₂₇₂	W ₂₇₃	W ₂₇₄	W ₂₇₅	W ₂₇₆	W ₂₇₇	W ₂₇₈	W ₂₇₉	W ₂₈₀	W ₂₈₁	W ₂₈₂	W ₂₈₃	W ₂₈₄	W ₂₈₅	W ₂₈₆	W ₂₈₇	W ₂₈₈	W ₂₈₉	W ₂₉₀	W ₂₉₁	W ₂₉₂	W ₂₉₃	W ₂₉₄	W ₂₉₅	W ₂₉₆	W ₂₉₇	W ₂₉₈	W ₂₉₉	W ₃₀₀	W ₃₀₁	W ₃₀₂	W ₃₀₃	W ₃₀₄	W ₃₀₅	W ₃₀₆	W ₃₀₇	W ₃₀₈	W ₃₀₉	W ₃₁₀	W ₃₁₁	W ₃₁₂	W ₃₁₃	W ₃₁₄	W ₃₁₅	W ₃₁₆	W ₃₁₇	W ₃₁₈	W ₃₁₉	W ₃₂₀	W ₃₂₁	W ₃₂₂	W ₃₂₃	W ₃₂₄	W ₃₂₅	W ₃₂₆	W ₃₂₇	W ₃₂₈	W ₃₂₉	W ₃₃₀	W ₃₃₁	W ₃₃₂	W ₃₃₃	W ₃₃₄	W ₃₃₅	W ₃₃₆	W ₃₃₇	W ₃₃₈	W ₃₃₉	W ₃₄₀	W ₃₄₁	W ₃₄₂	W ₃₄₃	W ₃₄₄	W ₃₄₅	W ₃₄₆	W ₃₄₇	W ₃₄₈	W ₃₄₉	W ₃₅₀	W ₃₅₁	W ₃₅₂	W ₃₅₃	W ₃₅₄	W ₃₅₅	W ₃₅₆	W ₃₅₇	W ₃₅₈	W ₃₅₉	W ₃₆₀	W ₃₆₁	W ₃₆₂	W ₃₆₃	W ₃₆₄	W ₃₆₅	W ₃₆₆	W ₃₆₇	W ₃₆₈	W ₃₆₉	W ₃₇₀	W ₃₇₁	W ₃₇₂	W ₃₇₃	W ₃₇₄	W ₃₇₅	W ₃₇₆	W ₃₇₇	W ₃₇₈	W ₃₇₉	W ₃₈₀	W ₃₈₁	W ₃₈₂	W ₃₈₃	W ₃₈₄	W ₃₈₅	W ₃₈₆	W ₃₈₇	W ₃₈₈	W ₃₈₉	W ₃₉₀	W ₃₉₁	W ₃₉₂	W ₃₉₃	W ₃₉₄	W ₃₉₅	W ₃₉₆	W ₃₉₇	W ₃₉₈	W ₃₉₉	W ₄₀₀	W ₄₀₁	W ₄₀₂	W ₄₀₃	W ₄₀₄	W ₄₀₅	W ₄₀₆	W ₄₀₇	W ₄₀₈	W ₄₀₉	W ₄₁₀	W ₄₁₁	W ₄₁₂	W ₄₁₃	W ₄₁₄	W ₄₁₅	W ₄₁₆	W ₄₁₇	W ₄₁₈	W ₄₁₉	W ₄₂₀	W ₄₂₁	W ₄₂₂	W ₄₂₃	W ₄₂₄	W ₄₂₅	W ₄₂₆	W ₄₂₇	W ₄₂₈	W ₄₂₉	W ₄₃₀	W ₄₃₁	W ₄₃₂	W ₄₃₃	W ₄₃₄	W ₄₃₅	W ₄₃₆	W ₄₃₇	W ₄₃₈	W ₄₃₉	W ₄₄₀	W ₄₄₁	W ₄₄₂	W ₄₄₃	W ₄₄₄	W ₄₄₅	W ₄₄₆	W ₄₄₇	W ₄₄₈	W ₄₄₉	W ₄₅₀	W ₄₅₁	W ₄₅₂	W ₄₅₃	W ₄₅₄	W ₄₅₅	W ₄₅₆	W ₄₅₇	W ₄₅₈	W ₄₅₉	W ₄₆₀	W ₄₆₁	W ₄₆₂	W ₄₆₃	W ₄₆₄	W ₄₆₅	W ₄₆₆	W ₄₆₇	W ₄₆₈	W ₄₆₉	W ₄₇₀	W ₄₇₁	W ₄₇₂	W ₄₇₃	W ₄₇₄	W ₄₇₅	W ₄₇₆	W ₄₇₇	W ₄₇₈	W ₄₇₉	W ₄₈₀	W ₄₈₁	W ₄₈₂	W ₄₈₃	W ₄₈₄	W ₄₈₅	W ₄₈₆	W ₄₈₇	W ₄₈₈	W ₄₈₉	W ₄₉₀	W ₄₉₁	W ₄₉₂	W ₄₉₃	W ₄₉₄	W ₄₉₅	W ₄₉₆	W ₄₉₇	W ₄₉₈	W ₄₉₉	W ₅₀₀	W ₅₀₁	W ₅₀₂	W ₅₀₃	W ₅₀₄	W ₅₀₅	W ₅₀₆	W ₅₀₇	W ₅₀₈	W ₅₀₉	W ₅₁₀	W ₅₁₁	W ₅₁₂	W ₅₁₃	W ₅₁₄	W ₅₁₅	W ₅₁₆	W ₅₁₇	W ₅₁₈	W ₅₁₉	W ₅₂₀	W ₅₂₁	W ₅₂₂	W ₅₂₃	W ₅₂₄	W ₅₂₅	W ₅₂₆	W ₅₂₇	W ₅₂₈	W ₅₂₉	W ₅₃₀	W ₅₃₁	W ₅₃₂	W ₅₃₃	W ₅₃₄	W ₅₃₅	W ₅₃₆	W ₅₃₇	W ₅₃₈	W ₅₃₉	W ₅₄₀	W ₅₄₁	W ₅₄₂	W ₅₄₃	W ₅₄₄	W ₅₄₅	W ₅₄₆	W ₅₄₇	W ₅₄₈	W ₅₄₉	W ₅₅₀	W ₅₅₁	W ₅₅₂	W ₅₅₃	W ₅₅₄	W ₅₅₅	W ₅₅₆	W ₅₅₇	W ₅₅₈	W ₅₅₉	W ₅₆₀	W ₅₆₁	W ₅₆₂	W ₅₆₃	W ₅₆₄	W ₅₆₅	W ₅₆₆	W ₅₆₇	W ₅₆₈	W ₅₆₉	W ₅₇₀	W ₅₇₁	W ₅₇₂	W ₅₇₃	W ₅₇₄	W ₅₇₅	W ₅₇₆	W ₅₇₇	W ₅₇₈	W ₅₇₉	W ₅₈₀	W ₅₈₁	W ₅₈₂	W ₅₈₃	W ₅₈₄	W ₅₈₅	W ₅₈₆	W ₅₈₇	W ₅₈₈	W ₅₈₉	W ₅₉₀	W ₅₉₁	W ₅₉₂	W ₅₉₃	W ₅₉₄	W ₅₉₅	W ₅₉₆	W ₅₉₇	W ₅₉₈	W ₅₉₉	W ₆₀₀	W ₆₀₁	W ₆₀₂	W ₆₀₃	W ₆₀₄	W ₆₀₅	W ₆₀₆	W ₆₀₇	W ₆₀₈	W ₆₀₉	W ₆₁₀	W ₆₁₁	W ₆₁₂	W ₆₁₃	W ₆₁₄	W ₆₁₅	W ₆₁₆	W ₆₁₇	W ₆₁₈	W ₆₁₉	W ₆₂₀	W ₆₂₁	W ₆₂₂	W ₆₂₃	W ₆₂₄	W ₆₂₅	W ₆₂₆	W ₆₂₇	W ₆₂₈	W ₆₂₉	W ₆₃₀	W ₆₃₁	W ₆₃₂	W ₆₃₃	W ₆₃₄	W ₆₃₅	W ₆₃₆	W ₆₃₇	W ₆₃₈	W ₆₃₉	W ₆₄₀	W ₆₄₁	W ₆₄₂	W ₆₄₃	W ₆₄₄	W ₆₄₅	W ₆₄₆	W ₆₄₇	W ₆₄₈	W ₆₄₉	W ₆₅₀	W ₆₅₁	W ₆₅₂	W ₆₅₃	W ₆₅₄	W ₆₅₅	W ₆₅₆	W ₆₅₇	W ₆₅₈	W ₆₅₉	W ₆₆₀	W ₆₆₁	W ₆₆₂	W ₆₆₃	W ₆₆₄	W ₆₆₅	W ₆₆₆	W ₆₆₇	W ₆₆₈	W ₆₆₉	W ₆₇₀	W ₆₇₁	W ₆₇₂	W ₆₇₃	W ₆₇₄	W ₆₇₅	W ₆₇₆	W ₆₇₇	W ₆₇₈	W ₆₇₉	W ₆₈₀	W ₆₈₁	W ₆₈₂	W ₆₈₃	W ₆₈₄	W ₆₈₅	W ₆₈₆	W ₆₈₇	W ₆₈₈	W ₆₈₉	W ₆₉₀	W ₆₉₁	W ₆₉₂	W ₆₉₃	W ₆₉₄	W ₆₉₅	W ₆₉₆	W ₆₉₇	W ₆₉₈	W ₆₉₉	W ₇₀₀	W ₇₀₁	W ₇₀₂	W ₇₀₃	W ₇₀₄	W ₇₀₅	W ₇₀₆	W ₇₀₇	W ₇₀₈	W ₇₀₉	W ₇₁₀	W ₇₁₁	W ₇₁₂	W ₇₁₃	W ₇₁₄	W ₇₁₅	W ₇₁₆	W ₇₁₇	W ₇₁₈	W ₇₁₉	W ₇₂₀	W ₇₂₁	W ₇₂₂	W ₇₂₃	W ₇₂₄	W ₇₂₅	W ₇₂₆	W ₇₂₇	W ₇₂₈	W ₇₂₉	W ₇₃₀	W ₇₃₁	W ₇₃₂	W ₇₃₃	W ₇₃₄	W ₇₃₅	W ₇₃₆	W ₇₃₇	W ₇₃₈	W ₇₃₉	W ₇₄₀	W ₇₄₁	W ₇₄₂	W ₇₄₃	W ₇₄₄	W ₇₄₅	W ₇₄₆	W ₇₄₇	W ₇₄₈	W ₇₄₉	W ₇₅₀	W ₇₅₁	W ₇₅₂	W ₇₅₃	W ₇₅₄	W ₇₅₅	W ₇₅₆	W ₇₅₇	W ₇₅₈	W ₇₅₉	W ₇₆₀	W ₇₆₁	W ₇₆₂	W ₇₆₃	W ₇₆₄	W ₇₆₅	W ₇₆₆	W ₇₆₇	W ₇₆₈	W ₇₆₉	W ₇₇₀	W ₇₇₁	W ₇₇₂	W ₇₇₃	W ₇₇₄	W ₇₇₅	W ₇₇₆	W ₇₇₇	W ₇₇₈	W ₇₇₉	W ₇₈₀	W ₇₈₁	W ₇₈₂	W ₇₈₃	W ₇₈₄	W ₇₈₅	W ₇₈₆	W ₇₈₇	W ₇₈₈	W ₇₈₉	W ₇₉₀	W ₇₉₁	W ₇₉₂	W ₇₉₃	W ₇₉₄	W ₇₉₅	W ₇₉₆	W ₇₉₇	W ₇₉₈	W ₇₉₉	W ₈₀₀	W ₈₀₁	W ₈₀₂	W ₈₀₃	W ₈₀₄	W ₈₀₅	W ₈₀₆	W ₈₀₇	W ₈₀₈	W ₈₀₉	W ₈₁₀	W ₈₁₁	W ₈₁₂	W ₈₁₃	W ₈₁₄	W ₈₁₅	W ₈₁₆	W ₈₁₇	W ₈₁₈	W ₈₁₉	W ₈₂₀	W ₈₂₁	W ₈₂₂	W ₈₂₃	W ₈₂₄	W ₈₂₅	W ₈₂₆	W ₈₂₇	W ₈₂₈	W ₈₂₉	W ₈₃₀	W ₈₃₁	W ₈₃₂	W ₈₃₃	W ₈₃₄	W ₈₃₅	W ₈₃₆	W ₈₃₇	W ₈₃₈	W ₈₃₉	W ₈₄₀	W ₈₄₁	W ₈₄₂	W ₈₄₃	W ₈₄₄	W ₈₄₅	W ₈₄₆	W ₈₄₇	W ₈₄₈	W ₈₄₉	W ₈₅₀	W ₈₅₁	W ₈₅₂	W ₈₅₃	W
---	---	-------------------	----	---	-----	-----	----	----	----------------	----------------	---	-----	---	----	-----	----	----	----	----	----	----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	---------------