

Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips

- > large contact faces on the tips: no distortion of circlips, easy fitting
- > bolted joint: precise, zero backlash operation of pliers
- > internal opening spring, protected and captive
- > non-slip plastic coating on the handles
- > pliers body: chrome vanadium electric steel, forged, oil-hardened
- > inserted tips: spring steel wire, drawn



49 11 A2



49 21 A21

Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off.



Spring inside the joint: the spring is protected inside the precisely bolted joint. It does not hinder work and cannot get dirty or lost

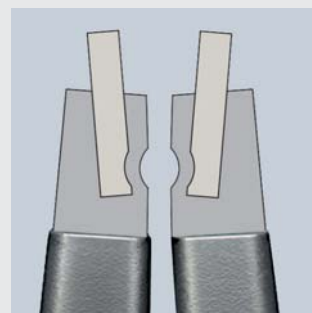


KNIPLEX-Precision Circlip Pliers:
fit circlips without distortion;
easy and quick assembling

High-density spring steel with a score-free surface is used for the tips. This increases the tips' resistance to dynamic and static strain. The tips are 30 % more stable than conventional pliers when subjected to one-off overloading while still allowing good accessibility during assembly. Subjected to dynamic strain, the tips' resistance capacity is up to 10 times greater! The tips on the precision circlip pliers are non-detachable!



Sturdy, inserted tips:
made from high-density spring steel



Tight fit through compression

	EAN	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
Article No.	4003773-								
49 11 A0	048718	140		1	grey atramentized	with non-slip plastic coating	3 - 10	0.9	101
49 11 A1	048725	140					10 - 25	1.3	100
49 11 A2	048732	180					19 - 60	1.8	170
49 11 A3	048749	225					40 - 100	2.3	270
49 11 A4	048756	320					85 - 140	3.2	599
49 21 A01	048817	130						2	grey atramentized
49 21 A11	048824	130	10 - 25	1.3	102				
49 21 A21	048831	165	19 - 60	1.8	169				
49 21 A31	048848	210	40 - 100	2.3	272				
49 21 A41	048855	305	85 - 140	3.2	601				