

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS	
Coupler for Ø20mm stainless steel earth rods Part number ELEMKO 63 61 020	
<u>Description</u>	
Stainless steel (grade V4A) coupler with thread M12 for extension of stainless steel earth rods of Ø20mm diameter.	
Technical data – Installation instructions	
Installation	<ul style="list-style-type: none"> ➤ In ground
Tightening torque	<ul style="list-style-type: none"> ➤ 40Nm
Can be connected with	<ul style="list-style-type: none"> ➤ Cu, Cu/eSn, Stainless Steel, St/tZn
Resistance to mechanical impacts	<ul style="list-style-type: none"> ➤ Percussion rate: 2000±1000min⁻¹ ➤ Single stroke impact energy: 50±10Nm ➤ Duration: 2 minutes
Lightning current withstand according to clause 6.3 of Standard EN 50164 - 1	<ul style="list-style-type: none"> ➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2,5 MJoule / Ohm
The above component has successfully passed the tests required by standard IEC EN 62561-2 "Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes". The tests were performed at ELEMKO high voltage and high current testing laboratory. Test report number : 30878	
Drawing	Photo
	