



Schierle Stahlrohre GmbH & Co. KG with its headquarter in Neuss and a subsidiary in Leipzig is a steadily growing enterprise with state-of-the-art warehouse and production.

The company has built up a national and international reputation as a reliable and flexible supplier through the handling, processing and finishing of steel and stainless steel tubes, cylinder tubes as well as chrome plated rods. In the Netherlands All Steel Products B.V. (ASP) and in South Africa Ferrotrade International PTY belong to the Schierle-Group. In 2019 we also established Schierle Russland LLC in Odintsovo, Moscow region, where we stock Schierle products for our customers in Russia.



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CERTIFIED QUALITY CONTROL

Over 60 years of experience guarantees quality in steel. Our mechanical production service is customized to meet your technical requirements and special production needs. We saw, hone, drill, grind and straighten to the "tightest tolerances". You can depend on our competent advice and count on certified quality control and assurance. We exclusively provide you with a wider than standard range of precision products. Since spring 2016 Schierle Stahlrohre GmbH & Co. KG is also certified by UMS DIN EN ISO 14001:2015 environmental management.



YOUR WISHES ARE OUR COMMAND

You can depend on us: from personal consultancy, to sales and storage facilities and customized mechanical machining service. Our qualified team will be happy to support you. We are always at your disposal for precision work and offers which comply with your requirements. Your supplier and service partner!

"Trust, commitment and friendly interaction with our business partners and colleagues – not only makes our working environment more pleasant, but also more successful."

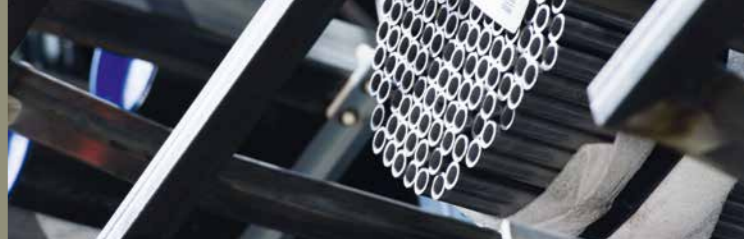
Schierle philosophy

CHAMPIONS MADE BY SCHIERLE



COMPETENCE IN QUALITY AND SERVICE





Schierle Stahlrohre GmbH & Co. KG is the largest storage facility for cylinder tubes and chrome plated rods in Europe. Our strength is our service, trading and finishing.

OUR "BIG 5" FOR YOUR SUCCESS:

- ▄ seamless and welded cylinder tubes
- ▄ chrome plated rods
- ▄ chrome plated tubes
- ▄ hydraulic line tubing
- ▄ mechanical manufacturing on machines in house



Timo Rost, boxer from Düsseldorf, WBK Super Middleweight Champion 2019. Supported by Schierle Stahlrohre.

THE HYDRAULIC AND PNEUMATIC RANGE

Seamless cylinder tubes (HP tubes)

:: Material	St 52 / E 355	bk+s / +SR
	St 52.0 / E 355	
	St 52-3 / E 355	nbk / +N
:: Tol. OD	DIN 2391; 2448 / EN 10305-1; EN 10297	
:: Tol. WT	DIN 2391; 2448 / EN 10305-1; EN 10297	
:: Tol. ID	ISO-tolerance range	H8 - H11
:: inside surface roughness	honed	Ra max. 0,5 µm
	roller burnished	Ra max. 0,4 µm
:: dimensional range	ID 20 - 500 mm, larger sizes available on request	

Welded-drawn cylinder tubes / pneumatic tubes (HPS tubes)

:: Material	St 37-2 / E 235; St 52-3 / E355	bk / +C
:: Tol. OD	DIN 2393 / EN 10305-2	
:: Tol. WT	+/- 5%	
:: Tol. ID	ISO-tolerance range	H9 - H11
:: inside surface roughness	drawn	Ra max. 0,8 µm
:: dimensional range	ID 12 -125 mm	

Seamless cylinder tubes in stainless steel (HPI tubes)

:: Material	AISI 304, AISI 316 L, AISI 316 Ti	
:: Tol. OD	DIN 2462 / EN 10216-5	
:: Tol. ID	ISO-tolerance range	H9 - H11
:: inside surface roughness	honed / roller burnished	Ra max. 0,5 µm
:: dimensional range	ID 25 - 200 mm, larger sizes available on request	

Welded-drawn cylinder tubes in stainless steel (HPIG tubes)

:: Material	AISI 304	
:: Tol. OD	DIN 2463 / EN 10217-7	
:: Tol. ID	ISO-tolerance range	H11
:: inside surface roughness	drawn	Ra max. 1,0 µm
:: dimensional range	ID 8 - 63 mm	

Aluminium pneumatic tubes (PNA, PPA)

:: Material	AlMgSi0,5	
:: ISO-tolerance range	up to ID 100 mm	H11
	from ID 125 mm	H13
:: inside surface roughness		Ra max. 1,0 µm
:: layer	anodized	
:: dimensional range	ID 16 - 320 mm	

Rods, chrome plated and polished (KSV / KSH)

:: Material	CK45; 20MnV6; 42CrMo4V; 38MnVS6 induction hardened as well	
:: ISO-tolerance range, layer thickness	up to 17 mm = f8, min. 10 µm chrome layer from 18 mm = f7, min. 20 µm chrome layer	
:: surface roughness	Ra max. 0,25 µm	
:: dimensional range	Ø 4 - 300 mm, larger sizes available on request	

Stainless steel rods, chrome plated and polished (KSI)

:: Material	AISI 304, AISI 431, AISI 329, AISI 316 Ti	
:: ISO-tolerance range, layer thickness	up to 17 mm = f8, min. 10 µm chrome layer from 18 mm = f7, min. 20 µm chrome layer	
:: surface roughness	Ra max. 0,25 µm	
:: dimensional range	Ø 10 - 160 mm, larger sizes available on request	

Rods, nickel + chrome plated and polished (KSNI)

:: Material	20MnV6, St 52 / E355	
:: ISO-tolerance range, layer thickness	f7, min. 30 µm nickel layer and min. 20 µm chrome layer	
:: surface roughness	Ra max. 0,25 µm	
:: dimensional range	Ø 20 - 300 mm, larger sizes available on request	

Piston tubes, chrome plated and polished (KRV)

:: Material	St 52 / E355	bk + s; nbk / +SR; +N
:: ISO-tolerance range, layer thickness	up to 17 mm = f8, layer min. 10 µm chrome layer from 18 mm = f7, layer min. 20 µm chrome layer	
:: surface roughness OD	Ra max. 0,25 µm	
:: dimensional range	Ø 10,00 x 2,50 mm up to 180,00 x 12,50 mm, larger sizes available on request	

Telescopic tubes, chrome plated and polished externally, honed and /or roller burnished internally on request

Seamless hydraulic line tubing, phosphated or electro-galvanized for pressure and return lines (HPL / HPLW)

:: Material	St 37.4 / E235	nbk / +N
	St 52.4 / E355	nbk / +N
:: Tol. OD	DIN 2391/C / EN 10305-4	
:: dimensional range	4,00 x 1,00 mm up to 80,00 x 10,00 mm dimensions in inches and chromium VI free!	

Seamless stainless steel hydraulic line tubing (HPLI)

:: Material	AISI 304, AISI 316 L, AISI 316 Ti	
:: Tol. OD	DIN 2391 / EN 10305-1	
:: dimensional range	4,00 x 0,50 mm up to 42,00 x 3,00 mm	

Seamless cold-drawn precision steel tubes (PRN)

:: Material	St 35 / E235
	St 52 / E355
:: Tol. OD	DIN 2391 / EN 10305-1

Welded precision steel tubes (PRG)

:: Material	St 37-2 / E235
	St 52-3 / E355
:: Tol. OD	DIN 2393 / EN 10305-2 DIN 2394 / EN 10305-3

Seamless stainless steel tubes (INOXN)

:: Material	AISI 304, AISI 316 L, AISI 316 Ti	
:: Tol. OD	DIN 2462 / EN 10216-5	

Welded stainless steel tubes (INOXG)

:: Material	AISI 304, AISI 316 L, AISI 316 Ti	
:: Tol. OD	DIN 2463 / EN 10217-7	

Special material or processing of sizes on request