Tab 9: A.1 - Stahl Rundprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(9,80 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(2,060 ± 0,071)	
(5,84330 ± 0,00059) E-1	(3,130 ± 0,071)	
(7,78397 ± 0,00079) E-1	(4,220 ± 0,071)	
(9,73365 ± 0,00098) E-1	(5,320 ± 0,071)	
(1,16825 ± 0,00012)	(6,480 ± 0,071)	
(1,36358 ± 0,00014)	(7,560 ± 0,071)	
(1,55980 ± 0,00016)	(8,610 ± 0,071)	
(1,75567 ± 0,00018)	(9,720 ± 0,071)	
(1,94898 ± 0,00020)	(1,0860 ± 0,0071) E+1	

Tab 9: A.1 - Stahl Rundprofil	
F/N	Δs / mm
(1,94019 ± 0,00020) E-1	(9,80 ± 0,71) E-1
(3,90871 ± 0,00040) E-1	(2,060 ± 0,071)
(5,84330 ± 0,00059) E-1	(3,130 ± 0,071)
(7,78397 ± 0,00079) E-1	(4,220 ± 0,071)
(9,73365 ± 0,00098) E-1	(5,320 ± 0,071)
(1,16825 ± 0,00012)	(6,480 ± 0,071)
(1,36358 ± 0,00014)	(7,560 ± 0,071)
(1,55980 ± 0,00016)	(8,610 ± 0,071)
(1,75567 ± 0,00018)	(9,720 ± 0,071)
(1,94898 ± 0,00020)	(1,0860 ± 0,0071) E+1

Optimal: Point1: (0,25 | 1,2685) Point2: (2 | 11,119) Min: Point1: (0,25 | 1,3614) Point2: (2 | 11,072) Max: Point1: (0,25 | 1,229) Point2: (2 | 11,222)

Slope: $(5,629 \pm 0,081)$ ZeroValue: $(-1,4 \pm 1,1)$ E-1

Elasticity: (2,139 ± 0,039) E+5 MPa

Tab 10: A.2 - Messing Rundprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(9,00 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(1,730 ± 0,071)	
(5,84330 ± 0,00059) E-1	(2,550 ± 0,071)	
(7,78397 ± 0,00079) E-1	(3,350 ± 0,071)	
(9,73365 ± 0,00098) E-1	(4,280 ± 0,071)	
(1,16825 ± 0,00012)	(5,000 ± 0,071)	
(1,36358 ± 0,00014)	(5,810 ± 0,071)	
(1,55980 ± 0,00016)	(6,710 ± 0,071)	
(1,75567 ± 0,00018)	(7,510 ± 0,071)	
(1,94898 ± 0,00020)	(8,330 ± 0,071)	

Tab 10: A.2 - Messing Rundprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(9,00 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(1,730 ± 0,071)	
(5,84330 ± 0,00059) E-1	(2,550 ± 0,071)	
(7,78397 ± 0,00079) E-1	(3,350 ± 0,071)	
(9,73365 ± 0,00098) E-1	(4,280 ± 0,071)	
(1,16825 ± 0,00012)	(5,000 ± 0,071)	
(1,36358 ± 0,00014)	(5,810 ± 0,071)	
(1,55980 ± 0,00016)	(6,710 ± 0,071)	
(1,75567 ± 0,00018)	(7,510 ± 0,071)	
(1,94898 ± 0,00020)	(8,330 ± 0,071)	

Optimal: Point1: (0,25 | 1,1379) Point2: (2 | 8,5472)
Min: Point1: (0,25 | 1,2032) Point2: (2 | 8,4712)
Max: Point1: (0,25 | 1,0708) Point2: (2 | 8,6208)

Slope: (4,234 ± 0,081) ZeroValue: (7,9 ± 8,7) E-2

Elasticity: (1,146 ± 0,024) E+5 MPa

Tab 11: A.3 - Kupfer Rundprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(8,20 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(1,550 ± 0,071)	
(5,84330 ± 0,00059) E-1	(2,220 ± 0,071)	
(7,78397 ± 0,00079) E-1	(2,840 ± 0,071)	
(9,73365 ± 0,00098) E-1	(3,600 ± 0,071)	
(1,16825 ± 0,00012)	(4,330 ± 0,071)	
(1,36358 ± 0,00014)	(5,040 ± 0,071)	
(1,55980 ± 0,00016)	(5,760 ± 0,071)	
(1,75567 ± 0,00018)	(6,520 ± 0,071)	
(1,94898 ± 0,00020)	$(7,200 \pm 0,071)$	

Tab 11: A.3 - Kupfer Rundprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(8,20 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(1,550 ± 0,071)	
(5,84330 ± 0,00059) E-1	(2,220 ± 0,071)	
(7,78397 ± 0,00079) E-1	(2,840 ± 0,071)	
(9,73365 ± 0,00098) E-1	(3,600 ± 0,071)	
(1,16825 ± 0,00012)	(4,330 ± 0,071)	
(1,36358 ± 0,00014)	(5,040 ± 0,071)	
(1,55980 ± 0,00016)	(5,760 ± 0,071)	
(1,75567 ± 0,00018)	(6,520 ± 0,071)	
(1,94898 ± 0,00020)	(7,200 ± 0,071)	

Optimal: Point1: (0,25 | 0,99381) Point2: (2 | 7,3704) Min: Point1: (0,25 | 1,0897) Point2: (2 | 7,3106) Max: Point1: (0,25 | 0,95731) Point2: (2 | 7,4603)

Slope: (3,644 ± 0,089) ZeroValue: (8 ± 12) E-2

Elasticity: (1,365 ± 0,035) E+5 MPa

Tab 12: B.1 Stahl Rechteckprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(1,850 ± 0,071)	
(3,90871 ± 0,00040) E-1	(2,590 ± 0,071)	
(5,84330 ± 0,00059) E-1	(3,270 ± 0,071)	
(7,78397 ± 0,00079) E-1	(4,030 ± 0,071)	
(9,73365 ± 0,00098) E-1	(4,800 ± 0,071)	
(1,16825 ± 0,00012)	(5,620 ± 0,071)	
(1,36358 ± 0,00014)	(6,360 ± 0,071)	
(1,55980 ± 0,00016)	(7,150 ± 0,071)	
(1,75567 ± 0,00018)	(7,890 ± 0,071)	
(1,94898 ± 0,00020)	$(8,580 \pm 0,071)$	

Tab 12: B.1 Stahl Rechteckprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(1,850 ± 0,071)	
(3,90871 ± 0,00040) E-1	(2,590 ± 0,071)	
(5,84330 ± 0,00059) E-1	(3,270 ± 0,071)	
(7,78397 ± 0,00079) E-1	(4,030 ± 0,071)	
(9,73365 ± 0,00098) E-1	(4,800 ± 0,071)	
(1,16825 ± 0,00012)	(5,620 ± 0,071)	
(1,36358 ± 0,00014)	(6,360 ± 0,071)	
(1,55980 ± 0,00016)	(7,150 ± 0,071)	
(1,75567 ± 0,00018)	(7,890 ± 0,071)	
(1,94898 ± 0,00020)	(8,580 ± 0,071)	

Optimal: Point1: (0,25 | 2,0247) Point2: (2 | 8,8168) Min: Point1: (0,25 | 2,1309) Point2: (2 | 8,7008) Max: Point1: (0,25 | 1,9985) Point2: (2 | 8,8505)

Slope: (3,88 ± 0,13) ZeroValue: (1,05 ± 0,14)

Elasticity: (2,290 ± 0,079) E+5 MPa

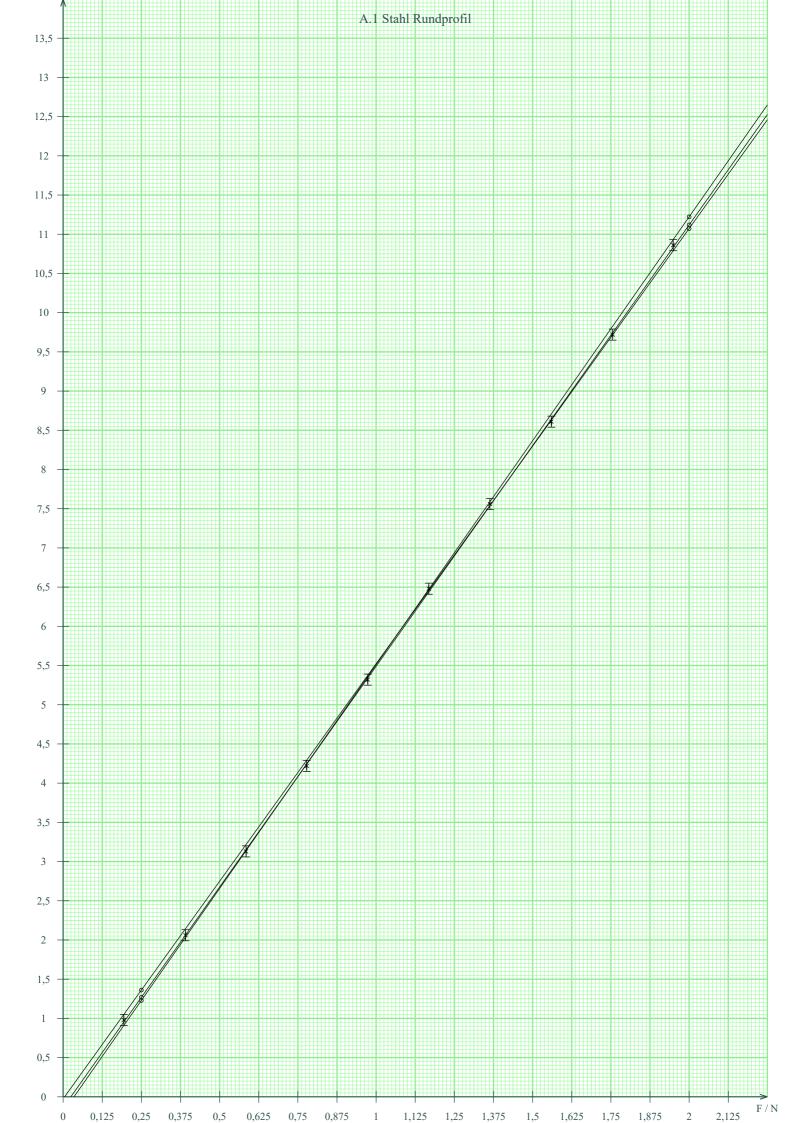
Tab 13: B.2 Stahl Rohrprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(4,30 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(7,90 ± 0,71) E-1	
(5,84330 ± 0,00059) E-1	(1,240 ± 0,071)	
(7,78397 ± 0,00079) E-1	(1,620 ± 0,071)	
(9,73365 ± 0,00098) E-1	(2,000 ± 0,071)	
(1,16825 ± 0,00012)	(2,420 ± 0,071)	
(1,36358 ± 0,00014)	(2,780 ± 0,071)	
(1,55980 ± 0,00016)	(3,240 ± 0,071)	
(1,75567 ± 0,00018)	(3,640 ± 0,071)	
(1,94898 ± 0,00020)	$(4,000 \pm 0,071)$	

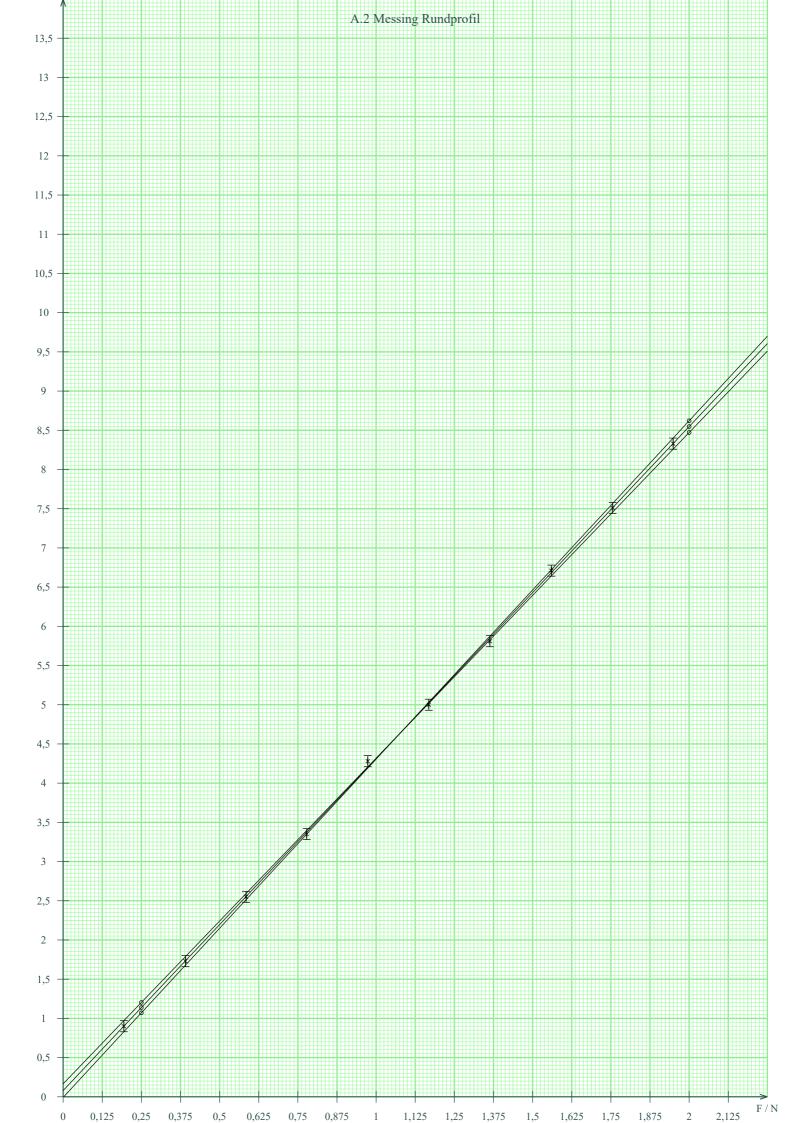
Tab 13: B.2 Stahl Rohrprofil		
F/N	Δs / mm	
(1,94019 ± 0,00020) E-1	(4,30 ± 0,71) E-1	
(3,90871 ± 0,00040) E-1	(7,90 ± 0,71) E-1	
(5,84330 ± 0,00059) E-1	(1,240 ± 0,071)	
(7,78397 ± 0,00079) E-1	(1,620 ± 0,071)	
(9,73365 ± 0,00098) E-1	(2,000 ± 0,071)	
(1,16825 ± 0,00012)	(2,420 ± 0,071)	
(1,36358 ± 0,00014)	(2,780 ± 0,071)	
(1,55980 ± 0,00016)	(3,240 ± 0,071)	
(1,75567 ± 0,00018)	(3,640 ± 0,071)	
(1,94898 ± 0,00020)	$(4,000 \pm 0,071)$	

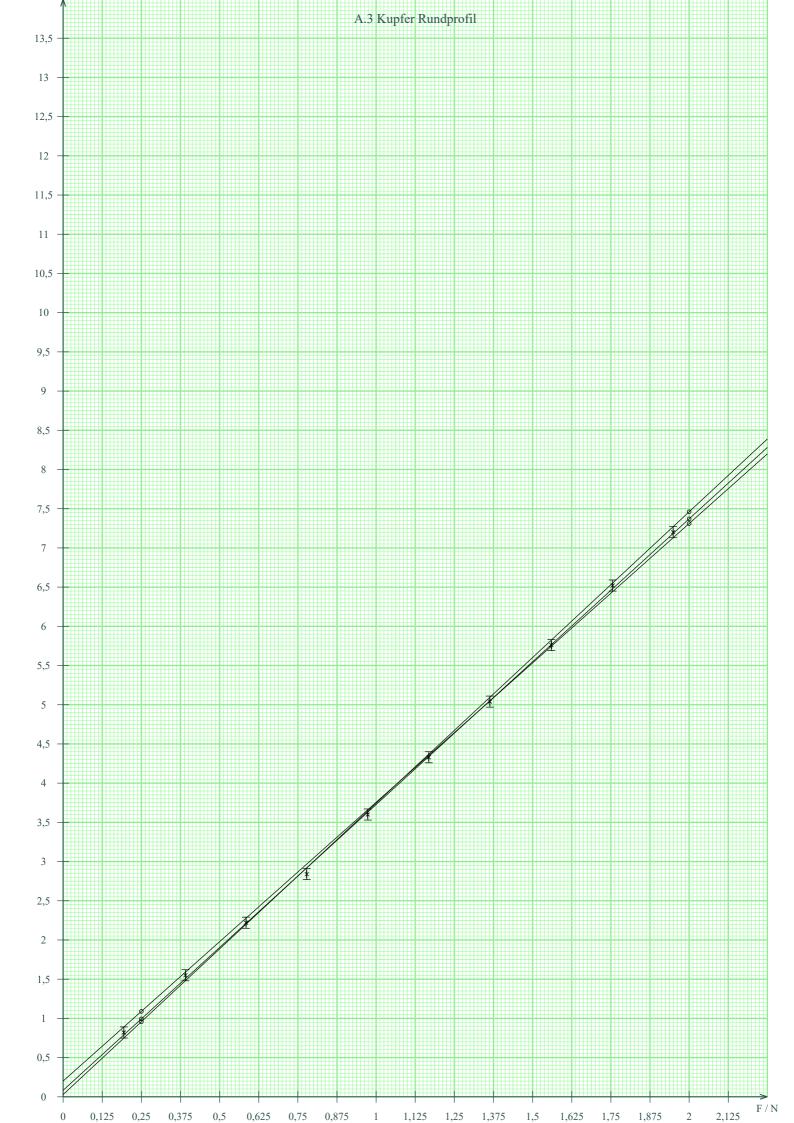
Optimal: Point1: (0,25 | 0,53097) Point2: (2 | 4,1195) Min: Point1: (0,25 | 0,61008) Point2: (2 | 4,029) Max: Point1: (0,25 | 0,47768) Point2: (2 | 4,1786)

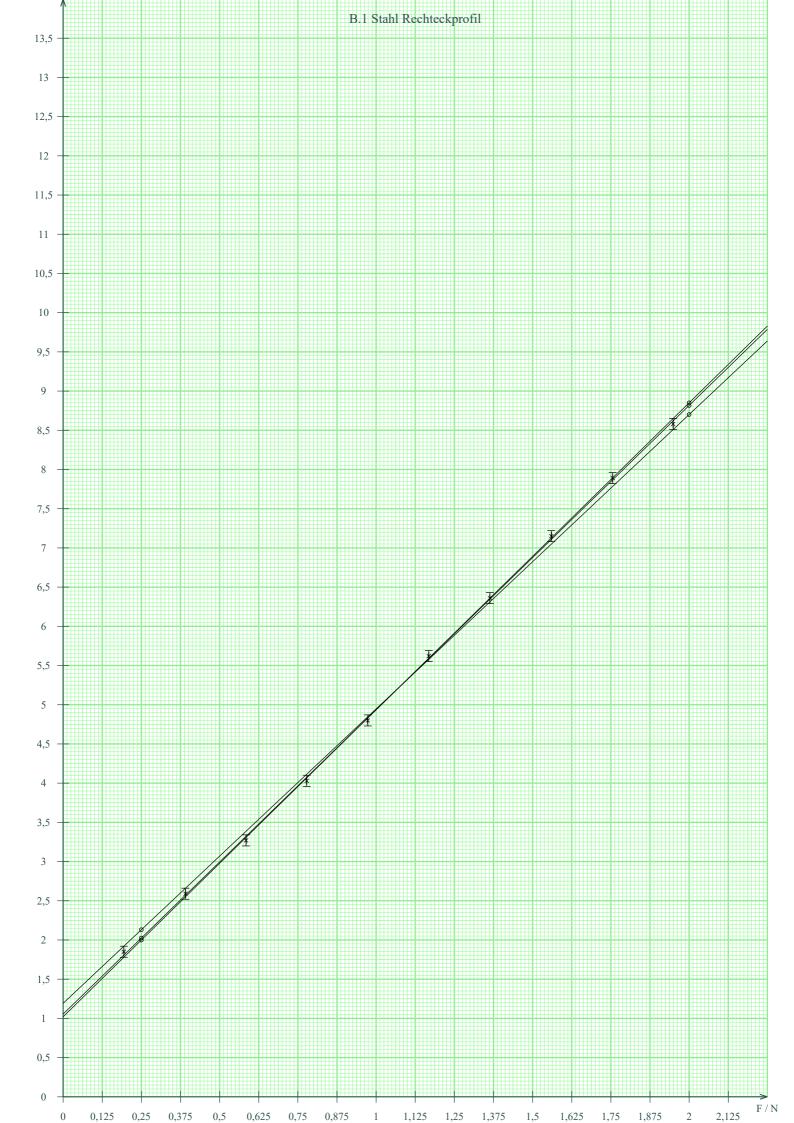
Slope: (2,051 ± 0,097) ZeroValue: (2 ± 10) E-2

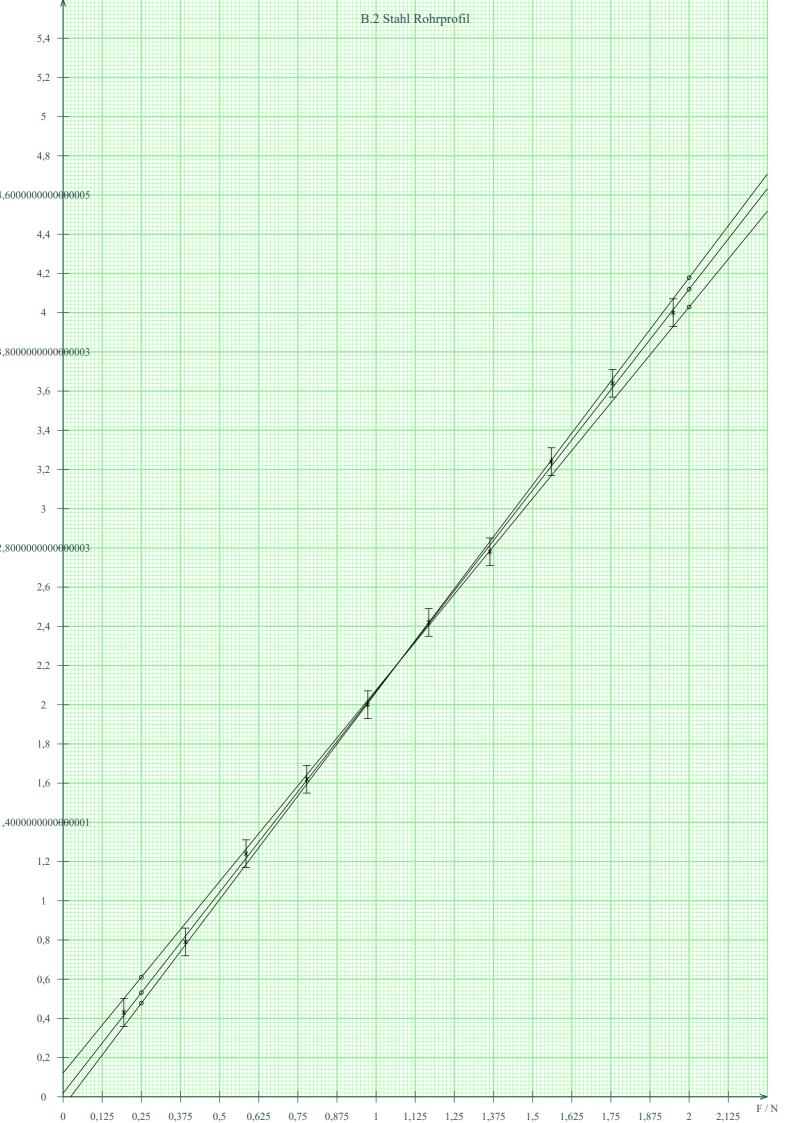
Elasticity: (2,47 ± 0,12) E+5 MPa









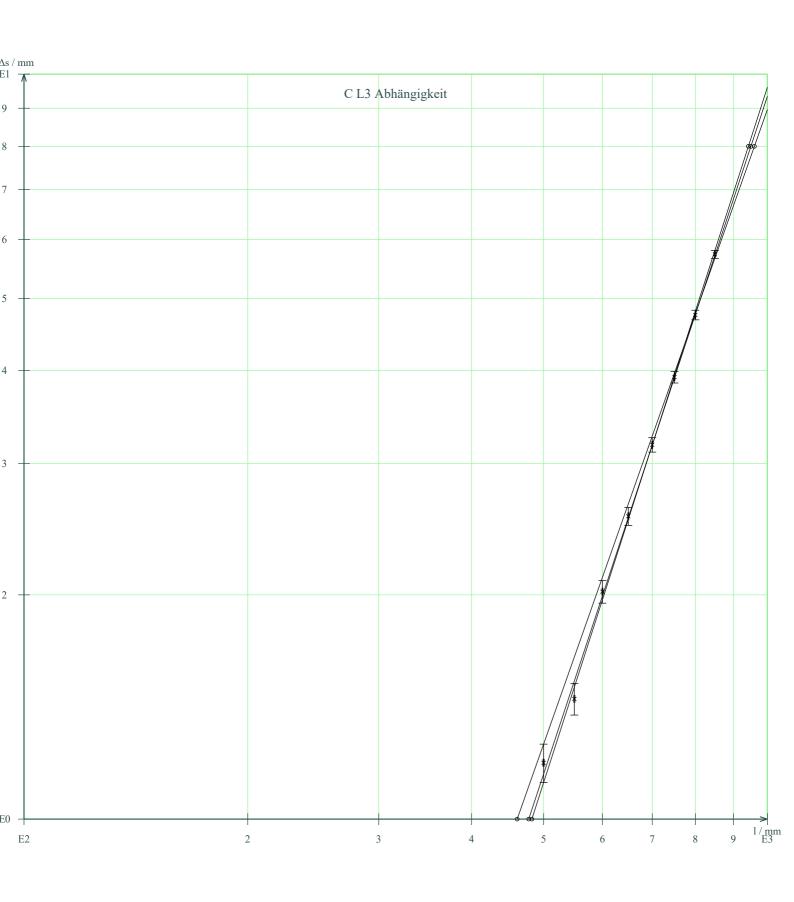


Tab14: C l3 Abhängigkeit eines Stahlstabs mit Rohrprofil		
I / mm	Δs / mm	
(8,500 ± 0,010) E+2	(5,730 ± 0,071)	
(8,000 ± 0,010) E+2	(4,750 ± 0,071)	
(7,500 ± 0,010) E+2	(3,920 ± 0,071)	
(7,000 ± 0,010) E+2	(3,180 ± 0,071)	
(6,500 ± 0,010) E+2	(2,550 ± 0,071)	
(6,000 ± 0,010) E+2	(2,020 ± 0,071)	
(5,500 ± 0,010) E+2	(1,450 ± 0,071)	
(5,000 ± 0,010) E+2	(1,190 ± 0,071)	

Tab14: C l3 Abhängigkeit eines Stahlstabs mit Rohrprofil	
I / mm	Δs / mm
(8,500 ± 0,010) E+2	(5,730 ± 0,071)
(8,000 ± 0,010) E+2	(4,750 ± 0,071)
(7,500 ± 0,010) E+2	(3,920 ± 0,071)
(7,000 ± 0,010) E+2	(3,180 ± 0,071)
(6,500 ± 0,010) E+2	(2,550 ± 0,071)
(6,000 ± 0,010) E+2	(2,020 ± 0,071)
(5,500 ± 0,010) E+2	(1,450 ± 0,071)
(5,000 ± 0,010) E+2	(1,190 ± 0,071)

Optimal: Point1: (477,48 | 1) Point2: (950,2 | 8) Min: Point1: (460,7 | 1) Point2: (960,6 | 8) Max: Point1: (482,15 | 1) Point2: (942,85 | 8)

Slope: (3,02 ± 0,19) ZeroValue: (8 ± 21) E-9



Tab15: D Messdaten - Dehnung eines Kupferdrahts	
ε	σ / N/m^2 * 10^8
(1,9 ± 2,7) E-3	(3,90871 ± 0,00040) E-1
(3,8 ± 2,7) E-3	(5,84330 ± 0,00059) E-1
(5,7 ± 2,7) E-3	(7,78395 ± 0,00079) E-1
(7,7 ± 2,7) E-3	(9,73392 ± 0,00098) E-1
(7,7 ± 2,7) E-3	(1,07053 ± 0,00011)
(9,6 ± 2,7) E-3	(1,16802 ± 0,00012)
(1,53 ± 0,27) E-2	(1,26559 ± 0,00013)
(2,11 ± 0,27) E-2	(1,36315 ± 0,00014)
(3,45 ± 0,28) E-2	(1,46030 ± 0,00015)
(4,98 ± 0,28) E-2	(1,55941 ± 0,00016)
(7,47 ± 0,28) E-2	(1,65700 ± 0,00017)
(1,073 ± 0,029) E-1	(1,75468 ± 0,00018)

Tab15: D Messdaten - Dehnung eines Kupferdrahts	
ε	σ / N/m^2 * 10^8
(1,9 ± 2,7) E-3	(3,90871 ± 0,00040) E-1
(3,8 ± 2,7) E-3	(5,84330 ± 0,00059) E-1
(5,7 ± 2,7) E-3	(7,78395 ± 0,00079) E-1
(7,7 ± 2,7) E-3	(9,73392 ± 0,00098) E-1
(7,7 ± 2,7) E-3	(1,07053 ± 0,00011)
(9,6 ± 2,7) E-3	(1,16802 ± 0,00012)
(1,53 ± 0,27) E-2	(1,26559 ± 0,00013)
(2,11 ± 0,27) E-2	(1,36315 ± 0,00014)
(3,45 ± 0,28) E-2	(1,46030 ± 0,00015)
(4,98 ± 0,28) E-2	(1,55941 ± 0,00016)
(7,47 ± 0,28) E-2	(1,65700 ± 0,00017)
(1,073 ± 0,029) E-1	(1,75468 ± 0,00018)

Optimal: Point1: (0,0029568 | 0,5) Point2: (0,018382 | 2,125)
Min: Point1: (0,0029916 | 0,5) Point2: (0,019018 | 2,125)
Max: Point1: (0,0029919 | 0,5) Point2: (0,019011 | 2,125)

Slope: (1,053 ± 0,039) E+2 ZeroValue: (1,885 ± 0,081) E-1 Elasticity: (1,053 ± 0,039) E+5 MPa

