

Extensive test series were carried out with the cabinet U-handles / tubular handles listed below.

The handles were slowly loaded and relieved at room temperature with incrementally increasing force. After load relieve, a deformation irrelevant in terms of function and appearance remained at the listed values for L_1 and L_2 respectively. The tensile strengths were in most cases multiples above the specified value.

Note:

The details given on load rating are non-binding guide values without any liability. In general, they do not constitute a warranty of quality.

The user must determine from case to case if a product is suitable for the envisaged use. Ambient factors and ageing may influence the specified values.



Load capacity L_1 in N



Load capacity L_2 in N



Load rating of cabinet U-handles / Tubular handles in metal



sorted by ascending standard numbers

Tubular handles GN 333.2 → Page 137

Size	242	292	392	492	592			
F ₁	2400	2200	2000	1900	1600			
F ₂	3700	3200	2400	2200	1650			

Tubular handles GN 333.3 → Page 131

Size	242	292	392	492	592			
F ₁	1800	1700	1650	1600	1500			
F ₂	3500	3000	2500	2000	1500			

Stainless Steel-Tubular handles GN 333.5 → Page 134

Size	200	250	300	400	500	600		
F ₁	3000	2500	2000	1750	1500	1450		
F ₂	7500	6000	5000	4250	3500	2500		

Oval tubular handles GN 334 → Page 142

Size	200	250	300	350	400	500	600	800
F ₁	1750	1650	1500	1500	1250	1200	1100	700
F ₂	3000	2400	1750	1750	1500	1350	1000	700

Oval tubular handles GN 334.1 → Page 143

Size	200	250	300	350	400	500	600	800
F ₁	1700	1650	1500	1450	1400	1200	1000	750
F ₂	3000	2700	2500	2000	1500	1250	1000	750

Oval tubular handles GN 366 → Page 152

Size	200	250	300	400	500	600		
F ₁	2000	2000	2000	1500	1300	900		
F ₂	3500	2800	2250	1600	1450	1150		

Cabinet U-handles GN 422 → New Products Page 32

Type	T1	T2						
F ₁	2900	2900						
F ₂	5400	5400						

U-handles GN 423 - Type A → Page 98

Size	55	88	100	120	180	235		
F ₁	270	250	220	200	180	150		
F ₂	1700	1500	1000	600	500	250		

U-handles GN 423 - Type B → Page 98

Size	55	88	100	120	180	235		
F ₁	270	250	220	200	180	150		
F ₂	1600	1250	800	400	300	200		

Arch handles GN 424.1 → Page 120

Size	64	96	128	160	192			
F ₁	1300	800	800	700	525			
F ₂	6500	5250	2700	2000	1550			

Load rating of cabinet U-handles / Tubular handles in metal

sorted by ascending standard numbers

Stainless Steel-Arch handles GN 424.5 → Page 120

Size	64	96	128	160	192			
F ₁	1500	900	900	800	600			
F ₂	7500	5750	3000	2250	1750			

Steel U-handles GN 425 → Page 102

Size	8-55	8-64	8-88	8-96	8-100	8-120	8-128	
F ₁	475	550	500	500	500	450	500	
F ₂	5000	4300	3300	3000	2800	1750	1250	
Size	10-88	10-100	10-120	10-180	10-200	10-235		
F ₁	1300	900	900	700	500	400		
F ₂	4000	3750	3000	2000	1200	1150		
Size	12-125	12-160	12-200	12-250				
F ₁	1200	1000	400	200				
F ₂	6000	4000	3000	3400				
Size	16-160	16-200	16-250	16-300				
F ₁	1900	1300	1100	800				
F ₂	5000	4000	3500	5750				

Aluminum U-handles GN 425 → Page 103

Size	8-55	8-64	8-88	8-96	8-100	8-120	8-128	
F ₁	300	300	300	200	200	200	200	
F ₂	1400	1200	825	750	700	575	450	
Size	10-88	10-100	10-120	10-180	10-200	10-235		
F ₁	500	450	400	350	250	250		
F ₂	2000	1500	1000	700	600	500		
Size	12-125	12-160	12-200	12-250				
F ₁	400	300	250	200				
F ₂	2000	1000	800	800				
Size	16-160	16-200	16-250	16-300				
F ₁	800	750	500	250				
F ₂	2300	2000	1500	1000				

Stainless Steel-U-handles GN 425 → Page 103

Size	8-55	8-64	8-88	8-96	8-100	8-120	8-128	
F ₁	-	600	850	700	700	700	700	
F ₂	-	4000	3000	2500	2000	1500	1300	
Size	10-88	10-100	10-120	10-180	10-200	10-235		
F ₁	1400	1000	1000	700	600	500		
F ₂	4000	3800	3000	2250	1500	1400		
Size	12-125	12-160	12-200	12-250				
F ₁	1200	1000	700	500				
F ₂	7000	4500	3000	2500				
Size	16-160	16-200	16-250	16-300				
F ₁	1900	1300	1100	800				
F ₂	8500	7000	5000	4000				

Steel U-handles GN 425.1 → Page 106

Size	8-55	8-64	8-88	8-96	8-100			
F ₁	500	425	450	375	325			
F ₂	700	600	500	600	400			



Load rating of cabinet U-handles / Tubular handles in metal



sorted by ascending standard numbers

Steel U-handles GN 425.1 → Page 106

Size	10-88	10-100	10-120	10-180	10-200			
F ₁	1000	900	900	500	500			
F ₂	2000	1500	1500	750	700			
Size	12-125	12-160	12-200	12-250				
F ₁	1150	1250	1425	875				
F ₂	1925	1500	1425	1250				

Aluminum U-handles GN 425.1 → Page 107

Size	8-55	8-64	8-88	8-96	8-100			
F ₁	400	350	300	250	250			
F ₂	400	400	350	350	350			
Size	10-88	10-100	10-120	10-180	10-200			
F ₁	400	450	400	350	250			
F ₂	500	500	500	450	400			
Size	12-125	12-160	12-200	12-250				
F ₁	600	600	500	650				
F ₂	725	1050	1000	900				

Stainless Steel-U-handles GN 425.1 → Page 107

Size	8-55	8-64	8-88	8-96	8-100			
F ₁	450	500	500	500	500			
F ₂	500	1000	1000	1000	1000			
Size	10-88	10-100	10-120	10-180	10-200			
F ₁	1500	1450	1450	500	500			
F ₂	2150	2000	2000	1000	1000			
Size	12-125	12-160	12-200	12-250				
F ₁	700	1250	1350	1350				
F ₂	1650	1700	2250	1750				

Steel-Folding handles GN 425.2 → Page 122

Size	100	120	180					
F ₁	1750	1600	1250					
F ₂	2600	2600	2500					

Stainless Steel-Folding handles GN 425.2 → Page 122

Size	100	120	180					
F ₁	2000	2000	1750					
F ₂	5000	3500	2250					

Folding handles GN 425.5 → Page 123

Size	100	120	180					
F ₁	500	500	500					
F ₂	-	-	-					

Stainless Steel-Folding handles GN 425.5 → Page 123

Size	100	120	180					
F ₁	500	500	500					
F ₂	-	-	-					

Folding handles with recessed tray GN 425.8 → Page 124

Size	100	120						
F ₁	1000	1000						
F ₂	5000	5000						

Stainless Steel-Folding handles GN 425.9

Size	120							
F ₁	450							
F ₂	1000							

Cabinet U-handles GN 426 → Page 108

Size	20-200	20-250	20-300	20-350	28-250	28-300	28-350	28-400
F ₁	1400	1100	1100	1000	2000	1900	1800	1500
F ₂	3300	3000	2300	2200	4500	3500	3500	3500

U-handles GN 426.1 → Page 114

Size	20-200	20-300	28-250	28-350	28-500			
F ₁	1500	1450	3000	2500	2300			
F ₂	1600	1400	2000	2000	2000			

Stainless Steel-U-handles GN 426.5 - Type A → Page 109

Size	20-200	20-250	20-300	20-350	28-250	28-300	28-350	28-400
F ₁	4000	6000	5500	3500	4000	3500	2800	2750
F ₂	9000	10000	8000	6500	8000	7250	6750	6500

Stainless Steel-U-handles GN 426.5 - Type B → Page 109

Size	20-200	20-250	20-300	20-350	28-250	28-300	28-350	28-400
F ₁	1000	1600	1400	1400	2700	2700	2700	2700
F ₂	4000	9000	6500	7500	10000	7000	6000	5000

Stainless Steel-U-handles GN 426.6 - Type A → Page 115

Size	20-200	20-300	28-250	28-350	28-500			
F ₁	4200	4000	2000	1500	2700			
F ₂	7500	7000	5000	3500	2250			

Stainless Steel-U-handles GN 426.6 - Type B → Page 115

Size	20-250	20-300	28-250	28-350	28-500			
F ₁	1000	500	1000	1250	1750			
F ₂	1200	1200	1250	1750	1750			

Cabinet U-handles GN 427 → Page 100

Size	55	88	100	120	180	200	235	
F ₁	650	600	500	450	300	250	200	
F ₂	1600	1150	1100	1000	550	500	400	

Stainless Steel-Cabinet U-handles GN 427.5 → Page 100

Size	55	88	100	120	180	200	235	
F ₁	2400	2100	2000	1800	1250	850	800	
F ₂	6000	5000	3750	3000	1700	1500	1200	



Load rating of cabinet U-handles / Tubular handles in metal

sorted by ascending standard numbers

Cabinet U-handles GN 565.1 → Page 81

Size	26-116	26-120	26-132	26-164	26-179	26-196		
F ₁	2000	2000	2000	2000	1800	1750		
F ₂	6500	6250	4000	3600	3400	3000		

Inclined cabinet U-handles GN 565.2 - Type A → Page 86

Size	20-112	20-128	26-128	26-160				
F ₁	1900	1900	2400	2000				
F ₂	2400	2000	5200	4800				

Inclined cabinet U-handles GN 565.2 - Type B → Page 86

Size	26-128	26-160						
F ₁	1750	1500						
F ₂	1850	2500						

Cabinet U-handles GN 565.3 → Page 93

Size	20-120	20-160						
F ₁	1400	1500						
F ₂	1900	2750						

Arch handles GN 565.4 → Page 118

Size	20-160	20-192	26-160	26-192				
F ₁	1300	1000	2000	2000				
F ₂	3500	2500	5000	5000				

Stainless Steel-Cabinet U-handles GN 565.5 - Type A → Page 82

Size	20-112	20-128	20-160	20-200	20-250	20-300	20-350	20-400
F ₁	4000	3200	3100	3000	2800	2500	2000	1500
F ₂	7000	6000	4000	3800	3000	3000	2300	1500

Stainless Steel-Cabinet U-handles GN 565.5 - Type B → Page 82

Size	20-112	20-128	20-160					
F ₁	3000	2000	2500					
F ₂	6850	5800	4250					

Stainless Steel-Cabinet U-handles GN 565.7 → Page 87

Size	20-112	20-128						
F ₁	5250	5000						
F ₂	7250	3500						

Stainless Steel-Cabinet U-handles GN 565.9 → Page 118

Size	20-160	20-192						
F ₁	4500	2500						
F ₂	4500	2500						

Arch handles GN 665 → Page 119

Size	26-350	26-450						
F ₁	1200	1100						
F ₂	2700	1550						



Load rating of cabinet U-handles / Tubular handles in metal

sorted by ascending standard numbers

Tubular handles GN 666 (Tube, Aluminum) → Page 146

Size	200	250	300	350	400	500	600
F ₁	900	850	950	1000	1000	1100	1000
F ₂	2500	2450	2400	2300	1750	1700	1350

Tubular handles GN 666 (Tube, Stainless Steel) → Page 146

Size	200	250	300	350	400	500	600
F ₁	900	850	950	1000	1000	1100	1000
F ₂	2500	2450	2400	2300	1750	1700	1350

Tubular handles GN 666.1 (Tube, Aluminum) → Page 147

Size	200	250	300	350	400	500	600
F ₁	1000	1350	1500	1500	1750	1750	1500
F ₂	5500	5500	5250	4500	4500	3500	2500

Tubular handles GN 666.1 (Tube, Stainless Steel) → Page 147

Size	200	250	300	350	400	500	600
F ₁	1150	1150	1200	1200	1150	1100	1000
F ₂	3000	3000	2750	2500	2000	1850	1350

Tubular arch handles GN 666.4 (Tube, Aluminum) → Page 148

Size	400	500	600
F ₁	750	750	750
F ₂	1800	1700	1500

Tubular arch handles GN 666.4 (Tube, Stainless Steel) → Page 148

Size	400	500	600
F ₁	1350	1700	1750
F ₂	5000	4500	3750

Stainless Steel-Tubular handles GN 666.5 → Page 150

Size	200	250	300	400	500	600
F ₁	2300	2200	2100	2000	1800	1700
F ₂	4500	4300	4000	3700	3500	2000

Stainless Steel-Tubular handles GN 666.7 → Page 150

Size	200	250	300	400	500	600
F ₁	2300	2200	2100	2000	1800	1700
F ₂	4500	4400	4000	3600	3500	2000

Cabinet U-handles GN 667 (Tube, Aluminum) → Page 140

Size	20-180	20-200	20-250	20-300	20-350	20-400	
F ₁	750	750	600	600	550	500	
F ₂	2000	2000	2000	1500	1250	1000	
Size	30-300	30-350	30-400	30-500	30-600	30-700	30-1000
F ₁	1100	1100	750	750	750	625	550
F ₂	3000	2250	2250	1750	1500	1250	1000

Load rating of cabinet U-handles / Tubular handles in metal

sorted by ascending standard numbers

Cabinet U-handles GN 667 (Tube, Stainless Steel) → Page 140

Size	20-180	20-200	20-250	20-300	20-350	20-400	
F ₁	1200	1100	1000	1000	750	700	
F ₂	4000	3500	3500	2500	2000	1000	
Size	30-300	30-350	30-400	30-500	30-600	30-700	30-1000
F ₁	1250	1250	1200	1200	1200	900	800
F ₂	5000	5000	4250	4000	2250	2000	1000

Flat cabinet U-handles GN 668 - Type A → Page 95

Size	20-130	20-170	20-190	20-210			
F ₁	1600	1600	1500	1350			
F ₂	2100	1900	1800	1650			

Flat cabinet U-handles GN 668 - Type B → Page 95

Size	20-130	20-70	20-190	20-210			
F ₁	700	650	600	550			
F ₂	2400	2000	1600	1200			

System handles GN 669 → Page 144

Size	200	250	300	400	500	600	
F ₁	1750	1500	1250	1200	1000	900	
F ₂	3000	2250	2100	2000	1500	1000	

Cabinet U-handles GN 728 → Page 92

Size	120	180				
F ₁	2000	2500				
F ₂	2500	2750				

Cabinet U-handles GN 728.5 → Page 92

Size	120					
F ₁	2500					
F ₂	5000					

Cabinet U-handles GN 767

Size	28-300	28-400	28-500	28-600	28-700	
F ₁	-	-	-	-	-	
F ₂	2400	2000	1800	1200	900	
Size	35-300	35-400	35-500	35-600	35-700	35-1000
F ₁	-	-	-	-	-	-
F ₂	3000	2700	2500	1900	1900	1200

Cabinet U-handles GN 767.1

Size	28-300	28-400	28-500	28-600	28-700	
F ₁	-	-	-	-	-	
F ₂	2400	2000	1800	1200	900	
Size	35-300	35-400	35-500	35-600	35-700	35-1000
F ₁	-	-	-	-	-	-
F ₂	3000	2700	2500	1900	1900	1200

