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

sorted by ascending standard numbers

Load capacity F_1 in N

Load capacity F_2 in N

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 F_1 and F_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 my influence the specified values.

Cabinet U-handles GN 225 → *Page 97*								
Size	**18**	**20**	**22**	**25**				
F_1	2250	2250	3000	3500				
F_2	5500	7500	9750	9750				

Cabinet U-handles GN 328 → *New Products Page 38*								
Size	**120**	**140**						
F_1	1800	1000						
F_2	5000	4500						

Stainless Steel-Cabinet U-handles GN 328.5 → *New Products Page 38*								
Size	**120**	**140**						
F_1	2500	2000						
F_2	4500	4000						

Tubular handles GN 332 → *Page 132*								
Size	**30-200**	**30-300**						
F_1	3000	2400						
F_2	4000	3700						

Tubular handles GN 332 → *Page 132*								
Size	**30-200**	**30-300**						
F_1	2500	2250						
F_2	3500	3400						

Tubular handles GN 333 → *Page 136*								
Size	**20-200**	**20-250**	**20-300**	**20-350**	**20-400**			
F_1	1700	1500	1200	800	500			
F_2	2800	2500	2000	1500	500			
Size	**28-200**	**28-250**	**28-300**	**28-350**	**28-400**	**28-500**	**28-600**	
F_1	2500	2250	2000	1750	1650	1575	1500	
F_2	4750	4250	3750	3250	2750	2250	1500	
Size	**30-200**	**30-300**	**30-350**	**30-400**	**30-500**	**30-600**	**30-1000**	
F_1	2500	2250	2200	2200	2000	1800	750	
F_2	3500	3400	3200	2850	2250	1900	800	

Tubular handles GN 333.1 → *Page 130*								
Size	**20-180**	**20-200**	**20-250**	**20-300**	**20-350**	**20-400**		
F_1	1600	1500	1400	1250	750	700		
F_2	2500	2000	1900	1600	1550	1250		
Size	**28-200**	**28-250**	**28-300**	**28-350**	**28-400**	**28-500**	**28-600**	
F_1	1700	1500	1500	1350	1000	1000	1000	
F_2	4800	3500	2800	2400	1800	1700	1500	
Size	**30-200**	**30-300**	**30-350**	**30-400**	**30-500**	**30-600**	**30-1000**	
F_1	3000	2400	2400	2350	2350	1750	1250	
F_2	4000	3700	3000	2700	2300	2000	1000	

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 333.6 → *New products*								
Größe	**200**	**250**	**300**	**400**	**500**	**600**		
F_1	5500	5000	4500	3900	3500	2300		
F_2	7500	7000	5500	4500	3900	2500		

Stainless Steel-Tubular handles GN 333.7 → *New products*								
Größe	**200**	**250**	**300**	**400**	**500**	**600**		
F_1	6000	5500	5000	4000	3700	2500		
F_2	8000	7500	7000	5000	4700	3200		

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 335 → *New products Page 40*								
Size	**200**	**250**	**300**	**350**	**400**	**500**	**600**	**800**
F_1	1500	1400	1300	1200	1100	1000	900	800
F_2	2800	2600	2300	2000	1600	1300	1000	600

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						

Cabinet U-handles GN 422.1 → *New Products*								
Size	**117**	**148**	**172**					
F_1	1500	1400	1200					
F_2	5000	3500	3000					

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			

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	

Aluminum U-handles GN 425 → *Page 103*								
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			
Größe	**10-88**	**10-100**	**10-120**	**10-180**	**10-200**			
F_1	1000	900	900	500	500			
F_2	2000	1500	1500	750	700			
Größe	**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			

Stainless Steel-U-handles GN 425.1 → *Page 107*								
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	

Cabinet U-handles GN 428 - Type A → *Page 117*								
Size	**28-250**	**28-300**	**28-400**					
F_1	1250	2250	1500					
F_2	4250	2750	2200					
Size	**36-300**	**36-400**	**36-500**	**36-600**	**36-800**			
F_1	5750	6250	3750	2500	1750			
F_2	7500	6750	5750	4000	1000			

Cabinet U-handles GN 428 - Type B → *Page 117*								
Size	**28-250**	**28-300**	**28-400**					
F_1	1500	1250	1250					
F_2	3500	2750	1750					
Size	**36-300**	**36-400**	**36-500**	**36-600**	**36-800**			
F_1	4500	7000	3750	2250	1750			
F_2	7500	6500	4500	3500	1000			

Cabinet U handle GN 559 - Type A → *Page 94*								
Size	**162**							
F_1	5000							
F_2	8000							

Cabinet U-handles GN 559 - Type B / Type C → *Page 94*								
Size	**162**							
F_1	1000							
F_2	2500							

Cabinet U-handles GN 564 → *Page 83*								
Size	**112**	**128**	**160**	**192**				
F_1	900	900	900	900				
F_2	1200	1200	1200	1200				

Cabinet U-handles GN 565 → *Page 80*								
Size	**20-100**	**20-112**	**20-117**	**20-120**	**20-128**	**20-160**	**20-180**	**20-200**
F_1	1250	1250	1250	1250	1250	1200	1250	1250
F_2	2100	2200	2200	2200	2200	2000	1750	2000
Size	**20-235**							
F_1	1000							
F_2	1250							
Size	**26-112**	**26-117**	**26-120**	**26-125**	**26-128**	**26-160**	**26-179**	**26-192**
F_1	3000	2900	2900	2800	2800	2800	2400	2300
F_2	7000	6000	5500	5000	4500	3500	3250	3000
Size	**26-300**	**26-400**	**26-500**					
F_1	1700	1600	1200					
F_2	2250	1750	1500					

Cabinet U-handles GN 565.1 → *Page 81*								
Size	**20-100**	**20-112**	**20-120**	**20-128**	**20-160**			
F_1	1250	1200	1100	1000	1000			
F_2	2500	2400	2400	2300	2000			
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						

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	

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**	**30-262**	**30-312**	**30-362**	**30-412**
F_1	1600	1600	1500	1350	2500	1700	1400	1200
F_2	2100	1900	1800	1650	3200	2200	1700	1500

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 (Tube, Aluminum / End piece plastic) 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 (Tube, Aluminum / End piece plastic) 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	