

Graepel spiral stairway steps

Spiral stairway steps with stair pillar

These steps are fitted with a welded-on cylinder for mounting on a central pillar. The step pin and bolt are also supplied. When ordering, please state dimensions "S" (rise dimension). The perforation or embossing is always parallel to the stepping edge.

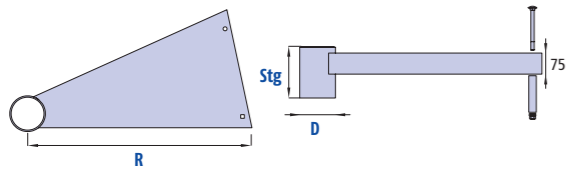
Spiral stairway steps with stair pillar are prefabricated in stock. After your order, stair pillar and step pin are cut to length according to your individual rise dimension that is required at site.

Connecting pillar with cap and bolt as well as exit and landing platform on request.

Complete kit for spiral stairways on request. Please ask for our spiral stairway brochure.

Other perforations or embossments on request.

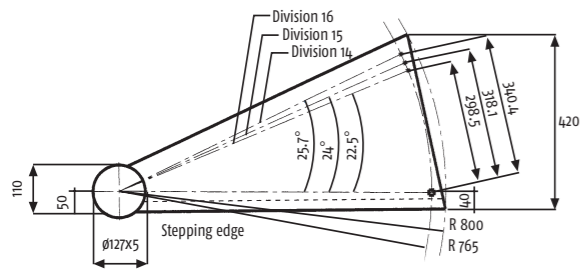
With stair pillar



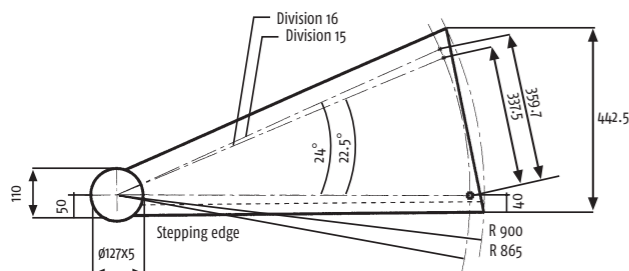
Stairway radius	Usable walking width	Number of steps/winding	Tread
800	707	14	258
	707	15	241
	707	16	226
900	805	15	270
	805	16	253
	889	14	322
1000	889	15	301
	889	16	282
	889	18	251
1200	1.098	18	300
	1.098	20	270
	1.098	22	240

Graepel step dimensions for different radii:

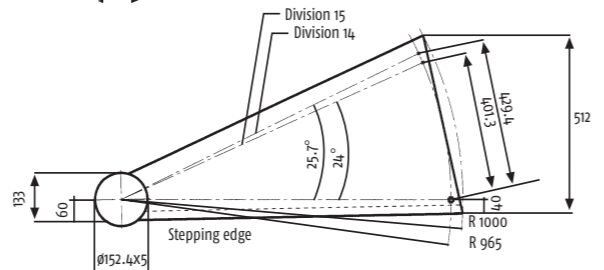
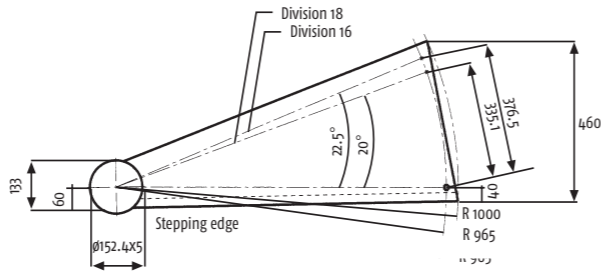
Stairway radius 800 mm



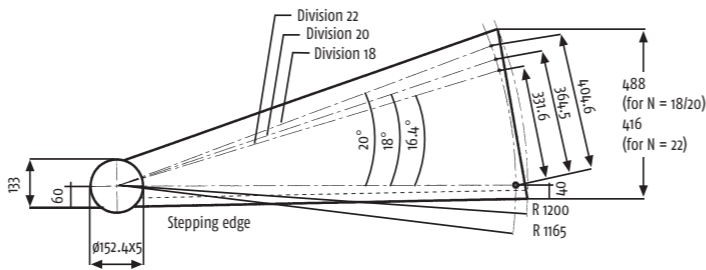
Stairway radius 900 mm



Stairway radius 1,000 mm



Stairway radius 1,200 mm



All steps in stock are designed for 5 kN/m² uniformly distributed load and 1.5 kN over 200 x 200 mm concentrated load. The steps shown are for left-handed stairways (right hand = mirror image).

The complete spiral stairway steps program can be found in our spiral stairway catalogue.

Graepel spiral stairway steps



Graepel-Garden

(formerly Graepel Round N08)

Material	Stairway radius R in mm	Tube Ø D in mm		Outside-Ø central tube Z in mm	Number of steps/winding N	Order number for step type	
		Outside	Inside			Right hand	Left hand
DD 11 hot-dip galvanized DIN EN ISO 1461 Material thickness: 3.0 mm	800	127.0	117.0	114.3	14	50 2900 5531 002	50 2900 5521 002
	800	127.0	117.0	114.3	15	50 2900 5477 002	50 2900 5479 002
	800	127.0	117.0	114.3	16	50 2900 5459 002	50 2900 5461 002
	900	127.0	117.0	114.3	15	50 2900 5467 002	50 2900 5486 002
	900	127.0	117.0	114.3	16	50 2900 5469 002	50 2900 5467 002
	1,000	152.4	142.4	139.7	14	50 2900 5529 002	50 2900 5519 002
	1,000	152.4	142.4	139.7	15	50 2900 5527 002	50 2900 5517 002
	1,000	152.4	142.4	139.7	16	50 2900 5465 002	50 2900 5463 002
	1,000	152.4	142.4	139.7	18	50 2900 5473 002	50 2900 5471 002
	1,200	152.4	142.4	139.7	18	50 2900 5525 002	50 2900 5515 002
	1,200	152.4	142.4	139.7	20	50 2900 5490 002	50 2900 5488 002
	1,200	152.4	142.4	139.7	22	50 2900 5523 002	50 2900 5513 002

The step shown is left-hand

Graepel-Universal

(formerly Graepel Round S)

Material	Stairway radius R in mm	Tube Ø D in mm		Outside-Ø central tube Z in mm	Number of steps/winding N	Order number for step type	
		Outside	Inside			Right hand	Left hand
DD 11 hot-dip galvanized DIN EN ISO 1461 Material thickness: 3.0 mm	800	127.0	117.0	114.3	14	50 2900 5294 102	50 2900 5292 102
	800	127.0	117.0	114.3	15	50 2900 5298 102	50 2900 5296 102
	800	127.0	117.0	114.3	16	50 2900 5302 102	50 2900 5300 102
	900	127.0	117.0	114.3	15	50 2900 5306 102	50 2900 5304 102
	900	127.0	117.0	114.3	16	50 2900 5310 102	50 2900 5308 102
	1,000	152.4	142.4	139.7	14	50 2900 5314 102	50 2900 5312 102
	1,000	152.4	142.4	139.7	15	50 2900 5318 102	50 2900 5316 102
	1,000	152.4	142.4	139.7	16	50 2900 5322 102	50 2900 5320 102
	1,000	152.4	142.4	139.7	18	50 2900 5326 102	50 2900 5324 102
	1,200	152.4	142.4	139.7	18	50 2900 5330 102	50 2900 5328 102
	1,200	152.4	142.4	139.7	20	50 2900 5334 102	50 2900 5332 102
	1,200	152.4	142.4	139.7	22	50 2900 5338 102	50 2900 5336 102

The step shown is left-hand

Graepel spiral stairway steps

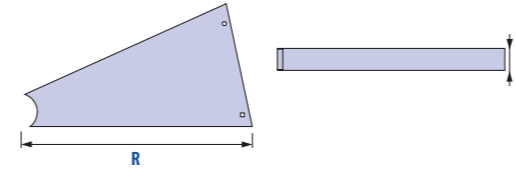


Graepel-Stabil							
Material	Stairway radius R in mm	Tube ϕ D in mm		Outside- ϕ central tube Z in mm	Number of steps/winding N	Order number for step type	
		Outside	Inside			Right hand	Left hand
DD 11 hot-dip galvanized DIN EN ISO 1461 Material thickness: 3 mm	800	127,0	117,0	114,3	14	50 2900 5342 002	50 2900 5340 002
	800	127,0	117,0	114,3	15	50 2900 5346 002	50 2900 5344 002
	800	127,0	117,0	114,3	16	50 2900 5350 002	50 2900 5348 002
	900	127,0	117,0	114,3	15	50 2900 5354 002	50 2900 5352 002
	900	127,0	117,0	114,3	16	50 2900 5358 002	50 2900 5356 002
	1,000	152,4	142,4	139,7	14	50 2900 5362 002	50 2900 5360 002
	1,000	152,4	142,4	139,7	15	50 2900 5366 002	50 2900 5364 002
	1,000	152,4	142,4	139,7	16	50 2900 5370 002	50 2900 5368 002
	1,000	152,4	142,4	139,7	18	50 2900 5374 002	50 2900 5372 002
	1,200	152,4	142,4	139,7	18	50 2900 5378 002	50 2900 5376 002
	1,200	152,4	142,4	139,7	20	50 2900 5382 002	50 2900 5380 002
	1,200	152,4	142,4	139,7	22	50 2900 5386 002	50 2900 5384 002

Graepel-Rubber-Stud		
<p>The step shown is left-hand</p>	<p>DD 11 hot-dip galvanized DIN EN ISO 1461</p> <p>Material thickness: 3 mm</p> <p>(Rubber studs red/black are supplied loose. When ordering, please specify color!)</p>	<p>Non-stock items. Dimensions on request.</p>

Graepel spiral stairway steps

For welding



Connecting pillar with cap and bolt as well as exit and landing platforms on request.

These stairway steps can be welded on site to a central pipe or a stair pillar. Delivery of steel type "raw." The perforations or embossments are always parallel to the step edge. The corners are not welded.

Material	Stairway radius R in mm	Tube ϕ D in mm		Outside- ϕ central tube Z in mm	Number of steps/winding N
		Outside	Inside		
DD 11 raw hot-dip galvanized Material thickness: 2.5 mm	800	127,0	117,0	114,3	14,15,16
	900	127,0	117,0	114,3	15,16
	1.000	152,4	142,4	139,7	14,15,16,18
	1.200	152,4	142,4	139,7	18,20,22

Graepel-Garden (formerly Graepel Round No8)					
Material	Stairway radius R in mm	Tube ϕ D in mm	Number of steps/winding N	Bestellnummer für Stufentyp	
				Right hand	Left hand
DD 11 raw Material thickness: 3 mm	800	127,0	14	50 2900 5530 001	50 2900 5520 001
	800	127,0	15	50 2900 5478 001	50 2900 5480 001
	800	127,0	16	50 2900 5460 001	50 2900 5462 001
	900	127,0	15	50 2900 5532 001	50 2900 5487 001
	900	127,0	16	50 2900 5470 001	50 2900 5468 001
	1.000	152,4	14	50 2900 5528 001	50 2900 5518 001
	1.000	152,4	15	50 2900 5526 001	50 2900 5516 001
	1.000	152,4	16	50 2900 5466 001	50 2900 5464 001
	1.000	152,4	18	50 2900 5474 001	50 2900 5472 001
	1.200	152,4	18	50 2900 5524 001	50 2900 5514 001
	1.200	152,4	20	50 2900 5491 001	50 2900 5489 001
	1.200	152,4	22	50 2900 5522 001	50 2900 5512 001

Graepel-Universal (with perforated stepping edge) (formerly Graepel Round S)					
DD 11 roh Material thickness: 3 mm	800	127,0	14	50 2900 5295 101	50 2900 5293 101
	800	127,0	15	50 2900 5299 101	50 2900 5297 101
	800	127,0	16	50 2900 5303 101	50 2900 5301 101
	900	127,0	14	50 2900 5534 101	50 2900 5537 101
	900	127,0	15	50 2900 5307 101	50 2900 5305 101
	900	127,0	16	50 2900 5311 101	50 2900 5309 101
	1.000	152,4	14	50 2900 5315 101	50 2900 5313 101
	1.000	152,4	15	50 2900 5319 101	50 2900 5317 101
	1.000	152,4	16	50 2900 5323 101	50 2900 5321 101
	1.000	152,4	18	50 2900 5327 101	50 2900 5325 101
	1.200	152,4	18	50 2900 5331 101	50 2900 5329 101
	1.200	152,4	22	50 2900 5335 101	50 2900 5333 101
1.200	152,4	20	50 2900 5339 101	50 2900 5337 101	

Graepel-Stabil					
DD 11 roh Material thickness: 3 mm	800	127,0	14	50 2900 5343 001	50 2900 5341 001
	800	127,0	15	50 2900 5347 001	50 2900 5345 001
	800	127,0	16	50 2900 5351 001	50 2900 5349 001
	900	127,0	15	50 2900 5355 001	50 2900 5353 001
	900	127,0	16	50 2900 5359 001	50 2900 5357 001
	1.000	152,4	14	50 2900 5363 001	50 2900 5361 001
	1.000	152,4	15	50 2900 5367 001	50 2900 5365 001
	1.000	152,4	16	50 2900 5371 001	50 2900 5369 001
	1.000	152,4	18	50 2900 5375 001	50 2900 5373 001
	1.200	152,4	18	50 2900 5379 001	50 2900 5377 001
	1.200	152,4	20	50 2900 5383 001	50 2900 5381 001
	1.200	152,4	22	50 2900 5387 001	50 2900 5385 001

Graepel-Rubber-Stud		
<p>The side view is valid for all versions.</p>	<p>DD 11 roh</p> <p>Material thickness: 3 mm</p>	<p>Non-stock items. Dimensions on request.</p>