

# Hinges

Overview of Types

Standard	Image	Characteristics / Features	Materials						Opening angle		Mounting by		
			sT	Ni	A4	ZD	AL	KT	Positive	Negative	screws from the		Welding
										front	rear		
GN 237 Page 1288 		very universal, accessory available		x	x	x	x		180°	90°	x	x	
GN 237 Page 1289 		very universal, horizontally elongated, accessory available		x		x			180°	90°	x	x	
GN 237 Page 1290 		very universal, vertically elongated		x		x			180°	90°	x	x	
GN 237.3 Page 1296 / 1296 		harsh operating conditions, heavy loads, very robust		x	x				180°	90°	x	x*	
GN 237.3 Page 1298 / 1299 		harsh operating conditions, heavy loads, very robust, horizontally elongated		x	x				180°	90°	x	x*	
GN 237.1 Page 1291		very universal, square, accessory available						x	180°	90°	x	x	
GN 237.1 Page 1292 		very universal, detektierbar, accessory available						x	180°	90°	x	x*	
GN 237.1 Page 1293		very universal, horizontally elongated, accessory available						x	180°	90°	x	x*	
GN 237.1 Page 1294		very universal, pointed, accessory available						x	180°	90°	x	x*	
GN 237.1 Page 1295		very universal, for panels, accessory available						x	180°	90°	x	x*	

\* with accessory

Standard	Characteristics / Features	Materials						Opening angle		Mounting by		
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear	Welding
<b>GN 7580</b> Page 1300 	precise use as a joint, axially adjustable					x		100°	100°	x	x	
<b>GN 938</b> Page 1303  	for panels / for profile systems				x			180°	90°	x		
<b>GN 437.1</b> Page 1307 	universal, accessory available				x			180°	90°	x	x*	
<b>GN 136</b> Page 1308  	metal sheet, simple, square	x	x	x				180°	90°	x		x
<b>GN 136</b> Page 1308  	metal sheet, simple, vertically elongated	x	x	x				180°	90°	x		x
<b>GN 136</b> Page 1309  	metal sheet, simple, horizontally elongated	x	x	x				180°	90°	x		x
<b>GN 1362</b> Page 1310  	metal sheet, simple, robust		x					180°	90°			x
<b>GN 1364</b> Page 1311  	metal sheet, universal, pointed, elegant, robust		x					180°	90°	x	x	
<b>GN 1366</b> Page 1312 	steel profile, simple, very robust	x						180°	100°			x
<b>GN 138</b> Page 1313 	elegant design			x	x			180°	0°		x	

\* with accessory

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Standard	Characteristics / Features	Materials						Opening angle		Mounting by			
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear	Welding	
<b>GN 154</b> Page 1314		universal						x	180°	0°	x	x	
<b>GN 155</b> Page 1315		universal						x	120°	70°	x	x	
<b>GN 157</b> Page 1316		universal						x	180°	20° bzw. 95°	x		
<b>GN 158</b> Page 1317		universal						x	180°	90°	x	x	
<b>GN 151</b> Page 1318		universal						x	180°	40°	x	x	
<b>GN 151.5</b> Page 1319		universal						x	180°	20°	x	x	
<b>GN 151.3</b> Page 1320		elegant design						x	180°	20°	x	x	
<b>GN 2295</b> Page 1322 		for profile systems / panels, three parts						x	∞	∞	x		
<b>GN 2295</b> Page 1323 		for profile systems / panels, vertically elongated, three parts						x	∞	∞	x		
<b>GN 159</b> Page 1324 		for profile systems						x	180°	100°	x		

Standard	Characteristics / Features	Materials						Opening angle		Mounting by			
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear	Welding	
<b>GN 159.1</b> <a href="http://ganternorm.com">ganternorm.com</a> 	for profile systems							x	180°	95	x		
<b>GN 161</b> <a href="http://ganternorm.com">ganternorm.com</a> 	adjustable, for profile systems				x				180°	90°	x		
<b>GN 129</b> Page 1326 	corner mounted, two or three parts	x							∞	∞		x	
<b>GN 129.5</b> Page 1327 	corner mounted, three parts		x	x					∞	∞		x	
<b>GN 129.2</b> Page 1328 	elongated, three parts	x	x	x					180°	90°		x	
<b>GN 129.3</b> Page 1329 	elongated, three parts	x							180°	90°	x		
<b>GN 7231</b> Page 1334 	internal extension, adjustable, accessory available		x						90°	0°	x	x	x*
<b>GN 7233</b> Page 1338 	internal extension, adjustable, accessory available		x						120°	0°	x	x	x*
<b>GN 7237</b> Page 1342 	internal extension, adjustable, accessory available		x						180°	0°	x	x	x*
<b>GN 7241</b> Page 1350 	internal extension, adjustable, accessory available					x			90°	0°	x	x	x*

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Standard	Characteristics / Features	Materials						Opening angle		Mounting by		
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear	Welding
<b>GN 7243</b> Page 1354	 internal extension, adjustable, accessory available					x		120°	0°	x	x	x*
<b>GN 7247</b> Page 1358	 internal extension, adjustable, accessory available					x		180°	0°	x	x	x*
<b>GN 235</b> Page 1365 	 adjustable, very universal, accessory available		x		x			180°	15°	x	x*	
<b>GN 238</b> Page 1366	 adjustable, elegant design				x			160°	20°	x		
<b>GN 127</b> Page 1368 	 adjustable			x	x			170°	90°	x		
<b>GN 236</b> Page 1369	 adjustable						x	180°	90°	x		
<b>GN 151.4</b> ganternorm.com	 adjustable						x	180°	30°	x		
<b>GN 337</b> Page 1370 	 universal, detachable, accessory available		x		x			180°	90°	x	x*	
<b>GN 337.1</b> Page 1371	 universal, detachable, accessory available						x	180°	90°	x	x*	
<b>GN 2292</b> Page 1372 	 for profile systems, with guide step					x		∞	∞	x		

\* with accessory

Standard	Characteristics / Features	Materials						Opening angle		Mounting by		
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear	Welding
<b>GN 2294</b> <a href="#">Page 1373</a> 	for profile systems / panels					x		∞	∞	x		
<b>GN 161.1</b> <a href="#">Page 1374</a> 	detachable, corner mounted				x			∞	∞	x	x	
<b>GN 161.2</b> <a href="#">Page 1375</a> 	detachable				x			180°	0°		x	
<b>GN 160</b> <a href="#">Page 1376</a> 	detachable, with eccentric pin, adjustable						x	∞	∞	x	x	
<b>GN 160.1</b> <a href="#">ganternorm.com</a> 	elegant design, detachable, with eccentric pin						x	180°	0°	x		
<b>GN 128</b> <a href="#">Page 1378</a> 	corner mounted, detachable	x						∞	∞			x
<b>GN 128.2</b> <a href="#">Page 1379</a> 	corner mounted, detachable		x	x		x		∞	∞			x
<b>GN 437</b> <a href="#">Page 1380</a> 	with adjustable friction, accessory available				x	x		180°	90°	x	x*	
<b>GN 233</b> <a href="#">Page 1381</a> 	with adjustable friction						x	180°	90°	x		
<b>GN 437.2</b> <a href="#">Page 1382</a> 	lockable, accessory available				x			180°	90°	x	x*	

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Standard	Characteristics / Features	Materials						Opening angle		Mounting by		Welding	
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the front	screws from the rear		
<b>GN 151.2</b> Page 1383	 lockable							x	180°	40°	x		
<b>GN 437.4</b> Page 1384	 with index positions				x				180°	90°	x	x*	
<b>GN 233.4</b> Page 1385	 with 3 index positions						x		180°	75°	x		
<b>GN 233.4</b> Page 1385	 without index positions						x		180°	75°	x		
<b>GN 222</b> Page 1386	 with 4 index positions						x		115°	90°	x	x	
<b>GN 122.1</b> Page 1387	 with 4 index positions						x		180°	15°	x	x	
<b>GN 122.2</b> Page 1387	 without index positions						x		180°	15°	x	x	
<b>GN 437.3</b> Page 1388	 with spring-loaded return				x				180°	90°	x	x*	
<b>GN 233.3</b> Page 1389	 with oder without spring-loaded return						x		180°	90°	x		
<b>GN 139.1</b> Page 1390 	 with electrical safety switch				x				180°	0°	x*	x	

\* with accessory

Standard	Characteristics / Features	Materials						Opening angle		Mounting by		
		sT	NI	A4	ZD	AL	KT	Positive	Negative	screws from the		Welding
										front	rear	
<b>GN 139.2</b> Page 1390 	 without switch				x			180°	0°	x*	x	
<b>GN 139.5</b> Page 1392 	 with electrical safety switch			x				180°	0°		x	
<b>GN 139.6</b> Page 1392 	 without switch			x				180°	0°		x	
<b>GN 239.6</b> Page 1394	 with electrical safety switch						x	180°	0°	x	x	
<b>GN 239.7</b> Page 1394	 without switch						x	180°	0°	x	x	
<b>GN 239.4</b> Page 1396	 with electrical safety switch						x	180°	10°	x		
<b>GN 239.3</b> Page 1396	 without switch						x	180°	10°	x		

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