

# Hinges


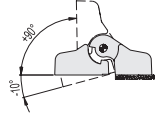

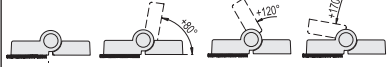

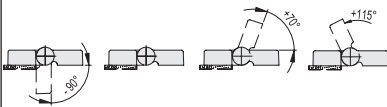

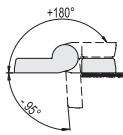



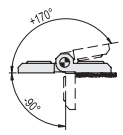



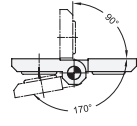


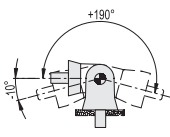

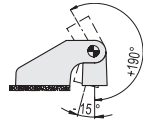

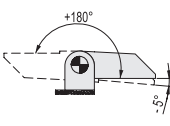

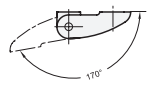
Series	Features	Rotation angle	Material
<b>CFA.</b> page 1370 	Assembly by means of bosses with threaded hole, pass-through holes for countersunk or cylindrical head screws, threaded studs.		Polyamide based (PA) technopolymer
<b>CFAX.</b> page 1374 	Technopolymer rotating pin. Assembly by means of bosses with threaded hole, pass-through holes for countersunk or cylindrical head screws.		Polyamide based (PA) technopolymer
<b>CFM.</b> page 1382 	Assembly by means of pass-through holes for countersunk or cylindrical head screws, slots for shortened cylindrical head screws, threaded studs.		 Polyamide based (PA) SUPER-technopolymer
<b>CFH.</b> page 1385 	Assembly by means of pass-through holes for cylindrical head screws.		Polyamide based (PA) technopolymer.
<b>CFL.</b> page 1381 	Assembly by means of pass-through holes for cylindrical head screws.		Polyamide based (PA) technopolymer.
<b>CFA-SL</b> page 1373 	Hinges with slotted holes. Assembly by means of pass-through slotted holes for cylindrical head screws.		 Polyamide based (PA) technopolymer.
<b>CFT.</b> page 1378 	Hinges with screw-covers. Assembly by means of pass-through holes for countersunk, cylindrical or hexagonal head screws.		Polyamide based (PA) technopolymer.
<b>CFTX.</b> page 1379 	Assembly by means of pass-through holes for countersunk, cylindrical or hexagonal head screws.		Polyamide based (PA) technopolymer.
<b>CFQ.</b> page 1380 	Hinges with screw-covers. Assembly by means of pass-through holes for countersunk, cylindrical or hexagonal head screws.		Acetal based (POM) technopolymer
<b>GN 237</b> page 1386 	Assembly by means of pass-through holes for countersunk head screws, with threaded studs.		Zinc die casting
<b>GN 237</b> page 1386 	Assembly by means of pass-through holes for countersunk head screws, with threaded studs.		 Stainless Steel AISI CF-8 Stainless Steel A4

# Hinges

Series	Features	Rotation angle	Material
<b>GN 237</b> page 1386	 Assembly by means of pass-through holes for countersunk head screws, with threaded studs.	 +180° -90°	Aluminium
<b>GN 237</b> page 1388	 Extended hinge wings. Assembly by means of pass-through holes for countersunk head screws, with threaded studs.	 +180° -90°	Zinc die casting
<b>GN 237</b> page 1388	 Extended hinge wings. Assembly by means of pass-through holes for countersunk head screws, with threaded studs.	 +180° -90°	 Stainless Steel
<b>CMM-AL</b> page 1389	 Assembly by means of pass-through holes for countersunk head screws.	 +180° -90°	Anodised aluminium
<b>GN 238</b> page 1390	 Adjustable hinges with screw-covers. Assembly by means of pass-through holes for countersunk head screws.	 +180° -20°	Zinc die casting
<b>GN 2370</b> page 1392	 Spacer plates. Designed for hinges GN 237, GN 337, CFMY, CFM and GN 437 to ensure the appropriate height compensation during mounting.	-	 Stainless Steel
<b>GN 2372</b> page 1393	 Plates with tapped holes. Designed as accessories for hinges GN 237, GN 337, CFMY and CFM, eliminate the need of nuts and washers for mounting.	-	 Stainless Steel
<b>GN 2374</b> page 1393	 Rubber bumper stops. Designed as extras for hinges GN 237, GN 237.1, GN 337 and CFMY.	-	Perbunan® (NBR)
<b>CFA-ERS</b> page 1377	 Hinges with friction brake. Assembly by means of pass-through holes for countersunk head screws.	 +180° -35°	Polyamide based (PA) technopolymer.
<b>CFU.</b> page 1426	 Hinges with adjustable friction. Assembly by means of pass-through holes for cylindrical head screws.	 +180° -35°	 Acetal based (POM) technopolymer
<b>GN 437</b> page 1427	 Hinges with adjustable friction. Assembly by means of pass-through holes for countersunk head screws.	 h <sub>4</sub> 90° 180°	Zinc die casting



# Hinges

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<b>CFA-F</b> page 1376 	Hinges with detent position at 90°. Assembly by means of bosses with threaded hole.		Polyamide based (PA) technopolymer.
<b>CFP.</b> page 1424 	Detent position hinges with screw-covers. Assembly by means of pass-through holes for countersunk, cylindrical or hexagonal head screws.		Acetal based (POM) technopolymer
<b>CFV.</b> page 1425 	Detent position hinges. Assembly by means of pass-through holes for countersunk or hexagonal head screws.		Polyamide based (PA) technopolymer.
<b>CFJ.</b> page 1394 	Tamperproof hinges. Assembly by means of bosses with threaded hole, pass-through holes for countersunk, cylindrical head screws, threaded studs.		Polyamide based (PA) technopolymer.
<b>CFMR.</b> page 1384 	Spring hinges for automatic return. Assembly by means of pass-through holes for cylindrical head screws.		 Polyamide based (PA) SUPER-technopolymer
<b>CFR.</b> page 1396 	Hinge with adjusting inserts. Assembly by means of pass-through holes for countersunk head screws.		  Polyamide based (PA) SUPER-technopolymer
<b>GN 127</b> page 1397 	Hinges with adjusting inserts. Assembly by means of pass-through holes for countersunk head screws.		 Zinc die casting
<b>CFB.</b> page 1412 	Hinge for thin doors. Assembly by means of pass-through holes for countersunk head screws.		Polyamide based (PA) technopolymer.
<b>CFD.</b> page 1398 	Hinges for thin doors. Assembly by means of bosses with threaded hole, pass-through holes for cylindrical head screws, threaded studs.		Polyamide based (PA) technopolymer.
<b>CMDX-AL</b> page 1400 	Hinge for thin doors. Assembly by means of self-tapping screws.		Aluminium
<b>GN 138</b> page 1401 	Hinges for thin doors. Assembly by means of threaded blind bores.		Zinc die casting

# Hinges

Series	Features	Rotation angle	Material
<b>CFE.</b> page 1402	 Assembly by means of bosses with threaded hole, pass-through holes for cylindrical head screws, threaded studs.	 +120° -80°	Polyamide based (PA) technopolymer.
<b>CFF.</b> page 1404	 Hinges for thin doors. Assembly by means of bosses with threaded hole, threaded studs.	 +190° -15°	Polyamide based (PA) technopolymer.
<b>CFG.</b> page 1406	 Hinges for profiles. Assembly by means of pass-through holes for countersunk head screws.	 +180° -100°	Polyamide based (PA) technopolymer. 
<b>CFI.</b> page 1408	 Double hinges for profiles. Assembly by means of pass-through holes for countersunk head screws.	 β -85°	Polyamide based (PA) technopolymer. 
<b>GN 161</b> page 1410	 Hinges for profiles. Assembly by means of pass-through holes for countersunk head screws.	 β -180°	Zinc die casting 
<b>CFC.</b> page 1413	 Thin hinge. Assembly by means of pass-through holes for self-tapping countersunk head screws.	 180° 155° 65° 270° +325°	Polyamide based (PA) technopolymer.
<b>GN 136</b> page 1395	 Thin sheet metal hinges. Assembly by means of pass-through holes for cylindrical or countersunk head screws for welding.	 -100° 180°	Steel / Stainless Steel 
<b>CFN.</b> page 1414	 In line detachable hinge. Assembly by means of bosses with threaded hole, threaded studs.	360°	Polyamide based (PA) technopolymer.
<b>CFO.</b> page 1416	 Offset detachable hinge, with screw-covers. Assembly by means of pass-through holes for hexagonal, cylindrical head screws or nuts.	360°	Polyamide based (PA) technopolymer.
<b>GN 161.1</b> page 1418	 In line detachable hinges. Assembly by means of threaded holes.	360°	Zinc die casting
<b>GN 161.2</b> page 1419	 Detachables hinges. Assembly by means of threaded holes.	180°	Zin die casting



# Hinges

Series	Features	Rotation angle	Material
<b>GN 128</b> page 1420 	In line detachable hinges for welding.	360°	Steel
<b>GN 128.2</b> page 1421 	In line detachable hinges for welding.	360°	 Stainless Steel / Alluminium
<b>CFMY</b> page 1422 	Detachable hinges. Assembly by means of pass-through holes for countersunk head screws.		 Polyamide based (PA) SUPER- technopolymer.
<b>GN 337</b> page 1423 	Detachable hinge. Assembly by means of pass-through holes for countersunk head screws.		 Zinc die casting / Stainless Steel
<b>CFSW.</b> page 1428 	Hinges with built-in safety multiple switch. Assembly by means of pass-through holes for countersunk head screws.		   Polyamide based (PA) SUPER- technopolymer
<b>CFMW.</b> page 1434 	CFSW. complementary hinges. Assembly by means of pass-through holes for countersunk head screws.		  Polyamide based (PA) SUPER- technopolymer
<b>PMW.</b> page 1433 	CFSW. and CFMW. assembly kit on profiles.	-	  Polyamide based (PA) SUPER- technopolymer
<b>FC-M12x1</b> page 1428 	Extensions with M12x1 connector for CFSQ, CFSW. and EBR-SW.	-	-
<b>CFSQ</b> page 1436 	Hinges with built-in safety switch. Assembly by means of pass-through holes for countersunk head screws.		   Polyamide based (PA) SUPER- technopolymer
<b>GN 139.1</b> page 1440 	Hinges with built-in safety switch. Assembly by means of threaded blind bores.		Zinc die casting
<b>GN 139.2</b> page 1443 	Hinges without safety switch. Assembly by means of threaded blind bores.		Zinc die casting

# Hinges

Series	Features	Rotation angle	Material
<b>GN 139.3</b> page 1444	 Mounting plates for hinges GN 139.1 and GN 139.2.	-	Steel
<b>GN 139.4</b> page 1444	 Mounting plates for hinges GN 139.1 and GN 139.2.	-	Zinc die casting
<b>GN 139.5</b> page 1445	 Hinges with built-in safety switch. Assembly by means of threaded blind bores.		Stainless Steel
<b>GN 139.6</b> page 1447	 Hinges without safety switch. Assembly by means of threaded blind bores.		Stainless Steel
<b>GN 330</b> page 1448	 Cable with connector coupling M12x1 for the GN 139.1 and GN 139.5.	-	-
<b>GN 129</b> page 1450	 Two or three parts hinges. Corner mounted. Screw fastening from the rear.	360°	Steel
<b>GN 129.2</b> page 1451	 Three parts extended hinges. Corner mounted. Screw fastening from the rear.	360°	Steel / Stainless Steel
<b>GN 129.3</b> page 1452	 Three parts extended hinges. Corner mounted. Assembly by means of cylinder screws.		Steel
<b>GN 129.5</b> page 1453	 Three parts hinges. Corner mounted. Screw fastening from the rear.		Stainless Steel

