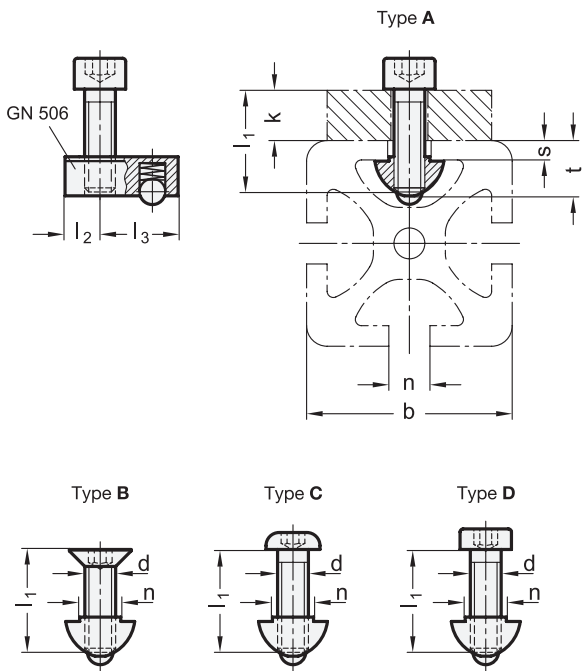




- Type
- A

 Socket cap screw DIN 912
- B

 Countersunk screw DIN 7991
- C

 Socket button head screw ISO 7380
- D

 Socket cap screw DIN 7984

Metric table

Dimensions in: millimeters - <i>inches</i>													
1	2	3											
b	n	d Thread	l₁ Type A	Type B	Type C	Type D	k ≈ Clamping length		l₂	l₃	s ≈	t ≈	
30 <i>1.18</i>	6 <i>0.24</i>	M 4	10 <i>0.39</i>	10 <i>0.39</i>	-	-	...	4 <i>0.16</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>	
30 <i>1.18</i>	6 <i>0.24</i>	M 4	12 <i>0.47</i>	-	-	-	1 <i>0.04</i>	...	6 <i>0.24</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 4	16 <i>0.63</i>	-	-	-	5 <i>0.20</i>	...	10 <i>0.39</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 5	10 <i>0.39</i>	-	-	-	...	3 <i>0.12</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>	
30 <i>1.18</i>	6 <i>0.24</i>	M 5	12 <i>0.47</i>	12 <i>0.47</i>	-	-	1 <i>0.04</i>	...	5 <i>0.20</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 5	14 <i>0.55</i>	14 <i>0.55</i>	-	-	3 <i>0.12</i>	...	7 <i>0.28</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 5	16 <i>0.63</i>	-	-	-	5 <i>0.20</i>	...	9 <i>0.35</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 5	18 <i>0.71</i>	-	-	-	7 <i>0.28</i>	...	11 <i>0.43</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 5	22 <i>0.87</i>	-	-	-	11 <i>0.43</i>	...	15 <i>0.59</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	-	-	-	10 <i>0.39</i>	...	3 <i>0.12</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>	
30 <i>1.18</i>	6 <i>0.24</i>	M 6	12 <i>0.47</i>	12 <i>0.47</i>	-	-	1 <i>0.04</i>	...	4 <i>0.16</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	14 <i>0.55</i>	14 <i>0.55</i>	14 <i>0.55</i>	-	3 <i>0.12</i>	...	6 <i>0.24</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	16 <i>0.63</i>	16 <i>0.63</i>	-	-	5 <i>0.20</i>	...	8 <i>0.31</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	-	18 <i>0.71</i>	-	-	7 <i>0.28</i>	...	10 <i>0.39</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	20 <i>0.79</i>	-	-	-	9 <i>0.35</i>	...	12 <i>0.47</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>
30 <i>1.18</i>	6 <i>0.24</i>	M 6	25 <i>0.98</i>	-	-	-	14 <i>0.55</i>	...	17 <i>0.67</i>	5 <i>0.20</i>	12 <i>0.47</i>	2.9 <i>0.11</i>	8.9 <i>0.35</i>

	1	2	3										
b	n	d Thread	l ₁ Type A	Type B	Type C	Type D	k ≈ Clamping length		l ₂	l ₃	s ≈	t ≈	
40 1.57	8 0.31	M 4	12 0.47	12 0.47	-	-	... 5 0.20	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 4	14 0.55	-	-	-	1 ... 7 0.04 0.28	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 4	20 0.79	-	-	-	7 ... 13 0.28 0.51	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	12 0.47	-	-	-	... 4 0.16	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	14 0.55	14 0.55	-	-	1 ... 6 0.04 0.24	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	16 0.63	-	-	-	3 ... 8 0.12 0.31	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	18 0.71	-	-	-	5 ... 10 0.20 0.39	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	20 0.79	-	-	-	7 ... 12 0.28 0.47	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	22 0.87	-	-	-	9 ... 14 0.35 0.55	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 5	25 0.98	-	-	-	12 ... 17 0.47 0.67	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	14 0.55	14 0.55	-	14 0.55	1 ... 5 0.04 0.20	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	16 0.63	16 0.63	16 0.63	-	3 ... 7 0.12 0.28	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	18 0.71	18 0.71	-	-	5 ... 9 0.20 0.35	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	-	20 0.79	-	-	7 ... 11 0.28 0.43	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	22 0.87	-	22 0.87	-	9 ... 13 0.35 0.51	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 6	28 1.10	-	-	-	15 ... 19 0.59 0.75	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 8	14 0.55	-	-	-	1 ... 4 0.04 0.16	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 8	16 0.63	16 0.63	16 0.63	-	3 ... 6 0.12 0.24	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 8	18 0.71	-	18 0.71	-	5 ... 8 0.20 0.31	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 8	20 0.79	-	-	-	7 ... 10 0.28 0.39	7 0.28	15 0.59	4.6 0.18	11.4 0.45		
40 1.57	8 0.31	M 8	28 1.10	-	-	-	15 ... 18 0.59 0.71	7 0.28	15 0.59	4.6 0.18	11.4 0.45		

Specification

- T-slot nuts GN 506
Steel, zinc plated, blue passivated finish
Ball / spring
Stainless steel
- Socket cap screws DIN 912
Countersunk screws DIN 7991
Socket button head screws ISO 7380
Socket cap screw DIN 7984
Steel, zinc plated, blue passivated finish
- RoHS

Information

GN 965 T-nut assemblies can be used to attach various standard parts to common profile systems. Each set includes one GN 506 T-slot nut and one screw.

see also...

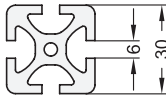
- *Product Family Standard Parts for Profile Systems* → page 18
- *Roll-In T-Slot Nuts GN 506* → page 1232

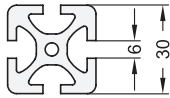
How to order

1 2 3 4

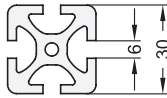
GN965-8-M6-18-B

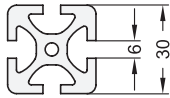
1	Slot width n
2	Thread d
3	Length l ₁
4	Type

T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Hinges GN 127 → page 1404					
	GN 127-...-B-...	-		GN 965-8-M6-20-B	
Flat Mounting Plates GN 139.3 (for Hinges with / without Integrated Safety Switch GN 139.1 / GN 139.2) → page 1426					
	GN 139.3-170	GN 965-6-M6-12-A		GN 965-8-M6-14-A	
Angled Mounting Plates GN 139.4 (for Hinges with / without Integrated Safety Switch GN 139.1 / GN 139.2) → page 1426					
	GN 139.4-101	GN 965-6-M6-12-A		GN 965-8-M6-14-A	
Flanged Connector Clamps GN 145 → page 1778					
	GN 145-...	-		GN 965-8-M5-16-A	
Hinges EN 151.4 → page 1406					
	EN 151.4-...	-		GN 965-8-M6-18-A	
Hinges EN 159 → page 1356					
	EN 159-54-17-17-... EN 159-74-22-22-...	GN 965-6-M6-16-B -		- GN 965-8-M6-18-B	

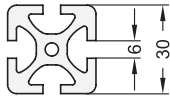
T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Double Hinges EN 159.1 → www.jwwinco.com					
	EN 159.1-89-35-... EN 159.1-119-45-...	GN 965-6-M6-16-B -		- GN 965-8-M6-18-B	
Hinges GN 161 → www.jwwinco.com					
	GN 161-57 GN 161-68 GN 161-80	-		GN 965-8-M6-16-B	
Base Plate Connector Clamps GN 162.3 → page 1786					
	GN 162.3-...	GN 965-6-M5-16-A		GN 965-8-M5-18-A	
Mounting Plate Sets GN 181 (for Cabinet “U” Handles) → page 103					
	GN 181-ZD-8-M4-... GN 181-ZD-10-M5-... GN 181-ZD-...-M6-... GN 181-ZD-...-M8-...	GN 965-6-M4-10-B GN 965-6-M5-12-B GN 965-6-M6-12-B -		- GN 965-8-M5-14-B GN 965-8-M6-14-B GN 965-8-M8-16-B	
Tube Supports GN 231 → page 1797					
	GN 231-B20 / -B25 / -B30-... GN 231-V20 / -V25 / -V30-...	-		GN 965-8-M8-14-A	
Hinges EN 236 → www.jwwinco.com					
	EN 236-75-60	-		GN 965-8-M6-20-B	
Hinges without Switch EN 239.3 → page 1434					
	EN 239.3-70-60-SH	-		GN 965-8-M6-18-B	

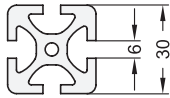


T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Hinges with Integrated Switch EN 239.4 → page 1434					
	EN 239.4-...	-	-	GN 965-8-M6-18-B	
Hinges with Integrated Safety Switch EN 239.6 → page 1430					
	EN 239.6-60-110-...	-	-	GN 965-8-M6-18-B	
Hinges without Switch EN 239.7 → page 1430					
	EN 239.7-60-70 EN 239.7-60-110	-	-	GN 965-8-M6-18-B	
Flat Mounting Plates EN 239.8 (for Hinges with / without Integrated Safety Switch EN 239.6 / EN 239.7) → page 1432					
	EN 239.8-110-14 EN 239.8-110-19	GN 965-6-M6-16-B -		- GN 965-8-M6-18-B	
Swivel Clamp Connector Bases GN 271 → www.jwwinco.com					
	GN 271-25-...	-	-	GN 965-8-M5-18-A	
Sensor Brackets GN 271.4 → www.jwwinco.com					
	GN 271.4-B12-... GN 271.4-B18-...	-	-	GN 965-8-M5-18-A	
Swivel Clamp Connector Joints GN 281 → page 1799					
	GN 281-...	-	-	GN 965-8-M5-18-A	

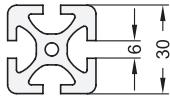
T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Tubular Handles GN 333 → page 168					
	GN 333-28-...-B-...	GN 965-6-M6-25-A	GN 965-8-M6-28-A		
Tubular Handles GN 333.1 → page 164					
	GN 333.1-28-...-B-...	GN 965-6-M6-14-C	GN 965-8-M6-16-C		
Oval Tubular Handles GN 334.1 → page 175					
	GN 334.1-36-...	-	GN 965-8-M8-16-C		
Oval Tubular Handles GN 335 → page 176					
	GN 335-36-...-B-...	-	GN 965-8-M8-16-C		
Indexing Plungers GN 412 → page 974					
	GN 412-5-35-...-1 GN 412-6-35-...-1 GN 412-8-47-...-1 GN 412-10-47-...-1	GN 965-6-M4-16-A GN 965-6-M4-16-A GN 965-6-M5-18-A GN 965-6-M5-18-A	- - GN 965-8-M5-20-A GN 965-8-M5-20-A		
Mounting Blocks GN 412.1 → page 998					
	GN 412.1-35-...-1 GN 412.1-47-...-1	GN 965-6-M4-16-A GN 965-6-M5-18-A	- GN 965-8-M5-20-A		
Indexing Plunger Latch Mechanisms GN 416 → page 975					
	GN 416-6-38-... GN 416-8-38-... GN 416-8-46-... GN 416-10-38-... GN 416-10-46-... GN 416-12-46-...	GN 965-6-M5-14-A GN 965-6-M5-14-A - GN 965-6-M5-14-A - -	GN 965-8-M5-16-A GN 965-8-M5-16-A GN 965-8-M6-16-A GN 965-8-M5-16-A GN 965-8-M6-16-A GN 965-8-M6-16-A		

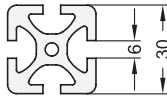


T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Locators GN 416.1 → www.jwwinco.com					
	GN 416.1-6-38	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 416.1-8-38	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 416.1-8-46	-	GN 965-8-M6-16-A		
	GN 416.1-10-38	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 416.1-10-46	-	GN 965-8-M6-16-A		
	GN 416.1-12-46	-	GN 965-8-M6-16-A		
Indexing Plunger Latch Mechanisms GN 417 → page 976 / 977					
	GN 417-5-A / -B / -C	GN 965-6-M4-12-A	-		
	GN 417-6-A / -B / -C	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417-8-A / -B	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417-8-C	-	GN 965-8-M5-16-A		
	GN 417-10-A / -B / -C	-	GN 965-8-M6-16-A		
Locators GN 417.1 → www.jwwinco.com					
	GN 417.1-5-ST-SW	GN 965-6-M4-12-A	-		
	GN 417.1-6-ST-SW	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417.1-8-ST-SW	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417.1-10-ST-SW	-	GN 965-8-M6-16-A		
Locators GN 417.1 → www.jwwinco.com					
	GN 417.1-5-NI-GS	GN 965-6-M4-12-A	-		
	GN 417.1-6-NI-GS	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417.1-8-NI-GS	GN 965-6-M5-14-A	GN 965-8-M5-16-A		
	GN 417.1-10-NI-GS	-	GN 965-8-M6-16-A		
Snap Door Latches EN 449.1 → page 1304					
	EN 449.1-57-...	GN 965-6-M6-14-A	GN 965-8-M6-16-A		
Base Plate Mounting Clamps GN 473 → page 1819					
	GN 473-B8-...	GN 965-6-M4-10-A	GN 965-8-M4-14-A		
	GN 473-B10 / -B12-...	-	GN 965-8-M5-12-A		
	GN 473-B15 / -B16-...	-	GN 965-8-M6-14-A		
	GN 473-B20-...	-	GN 965-8-M6-18-A		
Mounting Clamps GN 477 → page 1820					
	GN 477-B8-...	GN 965-6-M4-16-A	GN 965-8-M4-20-A		
	GN 477-B10 / -B12-...	GN 965-6-M5-18-A	GN 965-8-M5-20-A		
	GN 477-B15 / -B16 / -B20-...	GN 965-6-M6-20-A	GN 965-8-M6-22-A		

T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Flanged Mounting Bolts GN 480 → page 1828					
	GN 480-8-... GN 480-10 / -12-... GN 480-15 / -16 / -20-...	GN 965-6-M4-10-A GN 965-6-M5-10-A GN 965-6-M6-12-A		GN 965-8-M4-12-A GN 965-8-M5-12-A GN 965-8-M6-14-A	
Cabinet “U” Handles EN 528 → page 114					
	EN 528-...-94-6.5-... EN 528-...-117-6.5-... EN 528-...-117-8.5-... EN 528-...-132-8.5-... EN 528-...-140-8.5-... EN 528-...-160-8.5-... EN 528-...-179-8.5-...	GN 965-6-M6-14-A GN 965-6-M6-16-A - - - - -		GN 965-8-M6-16-A GN 965-8-M6-16-A GN 965-8-M8-18-A GN 965-8-M8-18-A GN 965-8-M8-18-A GN 965-8-M8-20-A GN 965-8-M8-20-A	
Mounting Angle Brackets EN 561 → www.jwwinco.com					
	EN 561-19-... EN 561-25-...	-		GN 965-8-M8-18-C	
Cabinet “U” Handles GN 565.1 → page 99					
	GN 565.1-20-... GN 565.1-26-...	GN 965-6-M5-22-A -		- GN 965-8-M6-22-A	
Angled Cabinet “U” Handles GN 565.2 → page 106					
	GN 565.2-26-128-B-... GN 565.2-26-160-B-...	- -		GN 965-8-M6-22-C GN 965-8-M6-22-C	
Cam Action Indexing Plungers GN 612.2 → page 1010					
	GN 612.2-...-16-... GN 612.2-...-20-...	GN 965-6-M5-18-A GN 965-6-M5-22-A		GN 965-8-M5-22-A GN 965-8-M5-25-A	



T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
Cam Action Indexing Plungers GN 612.9 → page 1011					
	GN 612.9-...-16-... GN 612.9-...-20-...	GN 965-6-M5-18-A GN 965-6-M5-22-A		GN 965-8-M5-20-A GN 965-8-M5-25-A	
Bridge Handles EN 628 → page 130					
	EN 628-117-6.5-B-... EN 628-117-8.5-B-... EN 628-150-8.5-B-... EN 628-179-8.5-B-...	GN 965-6-M6-16-A - - -		- GN 965-8-M8-28-A GN 965-8-M8-28-A GN 965-8-M8-28-A	
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	EN 630-114-B-...	GN 965-6-M6-18-B		GN 965-8-M6-22-C	
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	EN 630.1-114-B-...	GN 965-6-M6-18-B		GN 965-8-M6-22-C	
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	EN 649-35-E	GN 965-6-M6-10-D		GN 965-8-M6-14-D	
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	GN 667-20-...	-		GN 965-8-M8-20-A	
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T-Nut Assemblies GN 965		Type A	Type B	Type C	Type D
					
Compatible GN series sorted by series number					
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	GN 728-120-B-... GN 728-180-B-...	GN 965-6-M6-14-A -	- GN 965-8-M8-18-A		
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Slam Latches / Slam Locks GN 936 → page 1302					
	GN 936-72-...	GN 965-6-M6-12-A	GN 965-8-M6-14-A		
Connecting Brackets GN 967 → www.jwwinco.com					
	GN 967-...-20-...-1-... GN 967-...-20-...-2-... GN 967-...-30-...-1-... GN 967-...-30-...-2-... GN 967-...-40-...-1-... GN 967-...-40-...-2-... GN 967-...-45-...-1-... GN 967-...-45-...-2-...	GN 965-6-M5-12-A GN 965-6-M5-12-B GN 965-6-M6-12-A GN 965-6-M6-12-B - - - -	GN 965-8-M5-14-A GN 965-8-M5-14-B GN 965-8-M6-14-A GN 965-8-M6-14-B GN 965-8-M8-16-A GN 965-8-M8-16-B GN 965-8-M8-16-A GN 965-8-M8-16-B		
Threaded Flanges GN 3490 → www.jwwinco.com					
	GN 3490-45-... GN 3490-60-...	GN 965-6-M6-14-B -	- GN 965-8-M8-16-B		
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	GN 4490-ZD-50... GN 4490-ZD-68... GN 4490-ZD-80...	GN 965-6-M4-10-B GN 965-6-M4-10-B GN 965-6-M5-14-B	GN 965-8-M4-12-B GN 965-8-M4-12-B GN 965-8-M5-14-B		

