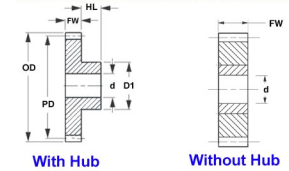




MBA

Gears - Spur - 48 Pitch - 14.5 Degree

Examples shown for basic dimensions. Individual gears may vary in characteristics.



PCD = No. of Teeth x 0.529mm (1/48 in.). 14.5 Degree Pressure Angle. 5052 aluminium, brass, carbon steel and nylon. Plastic and metallic.

Fairloc Hub Type require controlled shaft tolerances between 0.0025 and 0.0203 mm Clearance.

Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X07-0318B0159-BR-N	7	3.71	1.588	4.757	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		0.146	0.063	0.187	0.125	0.125				
# GS48X08-0318B0238-BR-N	8	4.24	2.383	5.291	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		0.167	0.094	0.208	0.125	0.125				
# GS48X09-0318B0238-BR-N	9	4.78	2.383	5.824	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		0.188	0.094	0.229	0.125	0.125				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X10-0318B0238-BR-N	10	5.28 <i>0.208</i>	2.383 <i>0.094</i>	6.332 <i>0.249</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Brass / Commercial
# GS48X11-0318B0238-BR-N	11	5.82 <i>0.229</i>	2.383 <i>0.094</i>	6.866 <i>0.270</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Brass / Commercial
GS48X12-0318B0238-NY-HP	12	6.35 <i>0.250</i>	2.383 <i>0.094</i>	7.399 <i>0.291</i>	3.18 <i>0.125</i>	7.94 <i>0.313</i>	4.76 <i>0.187</i>	4.76 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
# GS48X12-0318B0238-NY-N	12	6.35 <i>0.250</i>	2.383 <i>0.094</i>	7.399 <i>0.291</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
# GS48X12-0318B0318-BR-N	12	6.35 <i>0.250</i>	3.175 <i>0.125</i>	7.399 <i>0.291</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Brass / Commercial
# GS48X13-0318B0318-BR-N	13	6.88 <i>0.271</i>	3.175 <i>0.125</i>	7.932 <i>0.312</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Brass / Commercial
# GS48X14-0318B0238-NY-N	14	7.42 <i>0.292</i>	2.383 <i>0.094</i>	8.466 <i>0.333</i>	3.18 <i>0.125</i>	3.18 <i>0.125</i>	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X14-0318B0238-NY-HP	14	7.42	2.383	8.466	3.18	7.94	6.35	4.76 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.292</i>	<i>0.094</i>	<i>0.333</i>	<i>0.125</i>	<i>0.313</i>	<i>0.250</i>			
# GS48X14-0318B0318-BR-N	14	7.42	3.175	8.466	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.292</i>	<i>0.125</i>	<i>0.333</i>	<i>0.125</i>	<i>0.125</i>				
GS48X15-0318B0318-BR-N	15	7.95	3.175	8.999	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.313</i>	<i>0.125</i>	<i>0.354</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X16-0318B0318-BR-N	16	8.47	3.175	9.515	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.333</i>	<i>0.125</i>	<i>0.375</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X16-0318B0238-NY-HP	16	8.47	2.383	9.515	3.18	7.94	6.35	4.76 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.333</i>	<i>0.094</i>	<i>0.375</i>	<i>0.125</i>	<i>0.313</i>	<i>0.250</i>			
# GS48X16-0318B0318-NY-N	16	8.47	3.175	9.515	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.333</i>	<i>0.125</i>	<i>0.375</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X18-0318B0318-BR-N	18	9.53	3.175	10.574	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.375</i>	<i>0.125</i>	<i>0.416</i>	<i>0.125</i>	<i>0.125</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X18-0318B0318-NY-HP	18	9.53	3.175	10.574	3.18	7.94	7.94	4.76 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.375</i>	<i>0.125</i>	<i>0.416</i>	<i>0.125</i>	<i>0.313</i>	<i>0.313</i>			
# GS48X18-0318B0318-NY-N	18	9.53	3.175	10.574	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.375</i>	<i>0.125</i>	<i>0.416</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X20-0318B0318-NY-N	20	10.59	3.175	11.641	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.417</i>	<i>0.125</i>	<i>0.458</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X20-0318B0318-BR-N	20	10.59	3.175	11.641	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.417</i>	<i>0.125</i>	<i>0.458</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X20-0318B0318-NY-HP	20	10.59	3.175	11.641	3.18	9.53	9.53	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.417</i>	<i>0.125</i>	<i>0.458</i>	<i>0.125</i>	<i>0.375</i>	<i>0.375</i>			
# GS48X22-0318B0476-BR-N	22	11.63	4.762	12.682	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.458</i>	<i>0.187</i>	<i>0.499</i>	<i>0.125</i>	<i>0.125</i>				
GS48X24-0318B0318-NY-HP	24	12.70	3.175	13.749	3.18	9.53	9.53	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.500</i>	<i>0.125</i>	<i>0.541</i>	<i>0.125</i>	<i>0.375</i>	<i>0.375</i>			

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X24-0318B0318-NY-N	24	12.70	3.175	13.749	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.500</i>	<i>0.125</i>	<i>0.541</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X24-0318B0476-BR-N	24	12.70	4.762	13.749	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.500</i>	<i>0.187</i>	<i>0.541</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X26-0318B0476-BR-N	26	13.77	4.762	14.816	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.542</i>	<i>0.187</i>	<i>0.583</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X28-0318B0318-NY-N	28	14.81	3.175	15.857	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.583</i>	<i>0.125</i>	<i>0.624</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X28-0318B0318-NY-HP	28	14.81	3.175	15.857	3.18	9.53	12.70	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.583</i>	<i>0.125</i>	<i>0.624</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
GS48X28-0318B0476-BR-N	28	14.81	4.762	15.857	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.583</i>	<i>0.187</i>	<i>0.624</i>	<i>0.125</i>	<i>0.125</i>				
GS48X30-0318B0476-BR-N	30	15.88	4.762	16.924	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.625</i>	<i>0.187</i>	<i>0.666</i>	<i>0.125</i>	<i>0.125</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X32-0318B0318-NY-HP	32	16.94	3.175	17.991	3.18	9.53	12.70	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.667</i>	<i>0.125</i>	<i>0.708</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X32-0318B0318-NY-N	32	16.94	3.175	17.991	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.667</i>	<i>0.125</i>	<i>0.708</i>	<i>0.125</i>	<i>0.125</i>				
GS48X32-0318B0476-BR-N	32	16.94	4.762	17.991	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.667</i>	<i>0.187</i>	<i>0.708</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X36-0318B0476-BR-N	36	19.05	4.762	20.099	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.750</i>	<i>0.187</i>	<i>0.791</i>	<i>0.125</i>	<i>0.125</i>				
GS48X36-0318B0476-NY-HP	36	19.05	4.762	20.099	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.750</i>	<i>0.187</i>	<i>0.791</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X36-0318B0476-NY-N	36	19.05	4.762	20.099	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.750</i>	<i>0.187</i>	<i>0.791</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X36-0080B0953-A52-N	36	19.05	9.525	20.099	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.750</i>	<i>0.375</i>	<i>0.791</i>	<i>0.031</i>	<i>0.031</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X39-0080B0953-A52-N	39	20.65	9.525	21.699	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.813</i>	<i>0.375</i>	<i>0.854</i>	<i>0.031</i>	<i>0.031</i>				
GS48X40-0318B0476-NY-HP	40	21.16	4.762	22.207	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.833</i>	<i>0.187</i>	<i>0.874</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X40-0318B0476-BR-N	40	21.16	4.762	22.207	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.833</i>	<i>0.187</i>	<i>0.874</i>	<i>0.125</i>	<i>0.125</i>				
GS48X40-0318B0476-NY-N	40	21.16	4.762	22.207	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>0.833</i>	<i>0.187</i>	<i>0.874</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X40-0080B0953-A52-N	40	21.16	9.525	22.207	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.833</i>	<i>0.375</i>	<i>0.874</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X40-0159B0953-A52-N	40	21.16	9.525	22.207	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.833</i>	<i>0.375</i>	<i>0.874</i>	<i>0.063</i>	<i>0.063</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X42-0318B0635-NY-HP	42	22.23	6.350	23.274	3.18	9.53	11.11	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.875</i>	<i>0.250</i>	<i>0.916</i>	<i>0.125</i>	<i>0.375</i>	<i>0.437</i>			
# GS48X42-0080B0953-A52-N	42	22.23	9.525	23.274	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.875</i>	<i>0.375</i>	<i>0.916</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X44-0318B0318-NY-HP	44	23.29	3.175	24.341	3.18	6.36	7.15	3.18 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>0.917</i>	<i>0.125</i>	<i>0.958</i>	<i>0.125</i>	<i>0.250</i>	<i>0.281</i>			
# GS48X44-0318B0476-BR-N	44	23.29	4.762	24.341	3.18	3.18	Hubless	0.00 / None	14.5	Brass / Commercial
		<i>0.917</i>	<i>0.187</i>	<i>0.958</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X45-0080B0953-A52-N	45	23.83	9.525	24.874	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.938</i>	<i>0.375</i>	<i>0.979</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X46-0080B0953-A52-N	46	24.33	9.525	25.382	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>0.958</i>	<i>0.375</i>	<i>0.999</i>	<i>0.031</i>	<i>0.031</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
GS48X48-0318B0476-NY-HP	48	25.40	4.762	26.449	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.000</i>	<i>0.187</i>	<i>1.041</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X48-0318B0476-NY-N	48	25.40	4.762	26.449	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.000</i>	<i>0.187</i>	<i>1.041</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X48-0318B0635-BR-HP	48	25.40	6.350	26.449	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.000</i>	<i>0.250</i>	<i>1.041</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X48-0159B0953-A52-N	48	25.40	9.525	26.449	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.000</i>	<i>0.375</i>	<i>1.041</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X48-0080B0953-A52-N	48	25.40	9.525	26.449	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.000</i>	<i>0.375</i>	<i>1.041</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X52-0318B0635-BR-HP	52	27.51	6.350	28.557	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.083</i>	<i>0.250</i>	<i>1.124</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X54-0318B0635-BR-HP	54	28.58	6.350	29.624	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.125</i>	<i>0.250</i>	<i>1.166</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X55-0080B0953-A52-N	55	29.11	9.525	30.157	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.146</i>	<i>0.375</i>	<i>1.187</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X56-0318B0476-NY-HP	56	29.64	4.762	30.691	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.167</i>	<i>0.187</i>	<i>1.208</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X56-0318B0476-NY-N	56	29.64	4.762	30.691	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.167</i>	<i>0.187</i>	<i>1.208</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X56-0318B0635-BR-HP	56	29.64	6.350	30.691	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.167</i>	<i>0.250</i>	<i>1.208</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X56-0080B0953-A52-N	56	29.64	9.525	30.691	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.167</i>	<i>0.375</i>	<i>1.208</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X56-0159B0953-A52-N	56	29.64	9.525	30.691	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.167</i>	<i>0.375</i>	<i>1.208</i>	<i>0.063</i>	<i>0.063</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X58-0159B0953-A52-N	58	30.68	9.525	31.732	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.208</i>	<i>0.375</i>	<i>1.249</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X58-0080B0953-A52-N	58	30.68	9.525	31.732	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.208</i>	<i>0.375</i>	<i>1.249</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X59-0159B0953-A52-N	59	31.22	9.525	32.266	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.229</i>	<i>0.375</i>	<i>1.270</i>	<i>0.063</i>	<i>0.063</i>				
GS48X60-0318B0635-NY-HP	60	31.75	6.350	32.799	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.250</i>	<i>0.250</i>	<i>1.291</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X60-0318B0635-BR-HP	60	31.75	6.350	32.799	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.250</i>	<i>0.250</i>	<i>1.291</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X60-0318B0635-NY-N	60	31.75	6.350	32.799	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.250</i>	<i>0.250</i>	<i>1.291</i>	<i>0.125</i>	<i>0.125</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X60-0080B0953-A52-N	60	31.75	9.525	32.799	0.80	0.79	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.250</i>	<i>0.375</i>	<i>1.291</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X60-0159B0953-A52-N	60	31.75	9.525	32.799	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.250</i>	<i>0.375</i>	<i>1.291</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X63-0080B0953-A52-N	63	33.35	9.525	34.399	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.313</i>	<i>0.375</i>	<i>1.354</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X64-0318B0635-NY-HP	64	33.86	6.350	34.907	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.333</i>	<i>0.250</i>	<i>1.374</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
GS48X64-0318B0635-BR-HP	64	33.86	6.350	34.907	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.333</i>	<i>0.250</i>	<i>1.374</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X64-0318B0635-NY-N	64	33.86	6.350	34.907	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.333</i>	<i>0.250</i>	<i>1.374</i>	<i>0.125</i>	<i>0.125</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X64-0080B0953-A52-N	64	33.86	9.525	34.907	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.333</i>	<i>0.375</i>	<i>1.374</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X66-0318B0635-BR-HP	66	34.93	6.350	35.974	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.375</i>	<i>0.250</i>	<i>1.416</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X69-0080B0953-A52-N	69	36.53	9.525	37.574	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.438</i>	<i>0.375</i>	<i>1.479</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X69-0159B0953-A52-N	69	36.53	9.525	37.574	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.438</i>	<i>0.375</i>	<i>1.479</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X70-0159B0953-A52-N	70	37.03	9.525	38.082	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.458</i>	<i>0.375</i>	<i>1.499</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X72-0318B0635-NY-HP	72	38.10	6.350	39.149	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.500</i>	<i>0.250</i>	<i>1.541</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X72-0318B0635-BR-HP	72	38.10	6.350	39.149	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.500</i>	<i>0.250</i>	<i>1.541</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X72-0318B0635-NY-N	72	38.10	6.350	39.149	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.500</i>	<i>0.250</i>	<i>1.541</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X72-0159B0953-A52-N	72	38.10	9.525	39.149	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.500</i>	<i>0.375</i>	<i>1.541</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X72-0080B0953-A52-N	72	38.10	9.525	39.149	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.500</i>	<i>0.375</i>	<i>1.541</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X75-0159B0953-A52-N	75	39.70	9.525	40.749	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.563</i>	<i>0.375</i>	<i>1.604</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X78-0159B0953-A52-N	78	41.28	9.525	42.324	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.625</i>	<i>0.375</i>	<i>1.666</i>	<i>0.063</i>	<i>0.063</i>				

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X78-0080B0953-A52-N	78	41.28	9.525	42.324	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.625</i>	<i>0.375</i>	<i>1.666</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X80-0318B0635-NY-HP	80	42.34	6.350	43.391	3.18	9.53	15.88	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>1.667</i>	<i>0.250</i>	<i>1.708</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X80-0318B0635-BR-HP	80	42.34	6.350	43.391	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.667</i>	<i>0.250</i>	<i>1.708</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
GS48X80-0318B0635-NY-N	80	42.34	6.350	43.391	3.18	3.18	Hubless	0.00 / None	14.5	Nylon / Commercial - Moulded
		<i>1.667</i>	<i>0.250</i>	<i>1.708</i>	<i>0.125</i>	<i>0.125</i>				
# GS48X80-0159B0953-A52-N	80	42.34	9.525	43.391	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.667</i>	<i>0.375</i>	<i>1.708</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X80-0080B0953-A52-N	80	42.34	9.525	43.391	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.667</i>	<i>0.375</i>	<i>1.708</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X84-0318B0635-BR-HP	84	44.45	6.350	45.499	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>1.750</i>	<i>0.250</i>	<i>1.791</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X84-0159B0953-A52-N	84	44.45	9.525	45.499	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.750</i>	<i>0.375</i>	<i>1.791</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X90-0080B0953-A52-N	90	47.63	9.525	48.674	0.80	0.80	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>1.875</i>	<i>0.375</i>	<i>1.916</i>	<i>0.031</i>	<i>0.031</i>				
# GS48X96-0318B0635-NY-HP	96	50.80	6.350	51.849	3.18	9.53	25.40	6.35 / Pin Hub - No Set Screw	14.5	Nylon / Commercial - Moulded
		<i>2.000</i>	<i>0.250</i>	<i>2.041</i>	<i>0.125</i>	<i>0.375</i>	<i>1.000</i>			
# GS48X96-0318B0635-BR-HP-B	96	50.80	6.350	51.849	3.18	9.53	15.88	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>2.000</i>	<i>0.250</i>	<i>2.041</i>	<i>0.125</i>	<i>0.375</i>	<i>0.625</i>			
# GS48X96-0318B0635-BR-HP	96	50.80	6.350	51.849	3.18	9.53	12.70	6.35 / No Set Screw	14.5	Brass / Commercial
		<i>2.000</i>	<i>0.250</i>	<i>2.041</i>	<i>0.125</i>	<i>0.375</i>	<i>0.500</i>			
# GS48X96-0159B0953-A52-N	96	50.80	9.525	51.849	1.59	1.59	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
		<i>2.000</i>	<i>0.375</i>	<i>2.041</i>	<i>0.063</i>	<i>0.063</i>				
# GS48X100-0318B0794-BR-HP	100	52.91	7.938	53.957	3.18	11.12	15.88	7.94 / No Set Screw	14.5	Brass / Commercial
		<i>2.083</i>	<i>0.313</i>	<i>2.124</i>	<i>0.125</i>	<i>0.438</i>	<i>0.625</i>			

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X108-0318B0794-BR-HP	108	57.15 <i>2.250</i>	7.938 <i>0.313</i>	58.199 <i>2.291</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	15.88 <i>0.625</i>	7.94 / No Set Screw	14.5	Brass / Commercial
# GS48X109-0080B0953-A52-N	109	57.68 <i>2.271</i>	9.525 <i>0.375</i>	58.732 <i>2.312</i>	0.80 <i>0.031</i>	0.80 <i>0.031</i>	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
# GS48X120-0318B0794-BR-HP	120	63.50 <i>2.500</i>	7.938 <i>0.313</i>	64.549 <i>2.541</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	15.88 <i>0.625</i>	7.94 / No Set Screw	14.5	Brass / Commercial
# GS48X120-0159B0953-A52-N	120	63.50 <i>2.500</i>	9.525 <i>0.375</i>	64.549 <i>2.541</i>	1.59 <i>0.063</i>	1.59 <i>0.063</i>	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped
# GS48X128-0318B0794-BR-HP	128	67.74 <i>2.667</i>	7.938 <i>0.313</i>	68.791 <i>2.708</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	15.88 <i>0.625</i>	7.94 / No Set Screw	14.5	Brass / Commercial
# GS48X132-0318B0794-BR-HP	132	69.85 <i>2.750</i>	7.938 <i>0.313</i>	70.899 <i>2.791</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	15.88 <i>0.625</i>	7.94 / No Set Screw	14.5	Brass / Commercial
# GS48X144-0318B0794-BR-HP	144	76.20 <i>3.000</i>	7.938 <i>0.313</i>	77.249 <i>3.041</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	15.88 <i>0.625</i>	7.94 / No Set Screw	14.5	Brass / Commercial

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Gears - Spur - 48 Pitch - 14.5 Degree

Part Number	Teeth (No.)	Pitch Circle Diameter (PD) mm	Bore (d) mm	Outside Diameter (OD) mm	Face Width (FW) mm	Overall Width (FW+HL) mm	Hub Diameter (D1) mm	Hub Proj / Locking Method (HL) mm	Pressure Angle Deg.	Material / Quality
# GS48X156-0318B0794-BR-HP	156	82.55 <i>3.250</i>	7.938 <i>0.313</i>	83.599 <i>3.291</i>	3.18 <i>0.125</i>	Unspecified	17.46 <i>0.687</i>	Unspecified / No Set Screw	14.5	Brass / Commercial
# GS48X168-0318B0794-BR-HP	168	88.90 <i>3.500</i>	7.938 <i>0.313</i>	89.949 <i>3.541</i>	3.18 <i>0.125</i>	11.12 <i>0.438</i>	19.05 <i>0.750</i>	7.94 / No Set Screw	14.5	Brass / Commercial
# GS48X180-0318B0794-BR-HP	180	95.25 <i>3.750</i>	7.938 <i>0.313</i>	96.299 <i>3.791</i>	3.18 <i>0.125</i>	Unspecified	17.46 <i>0.687</i>	Unspecified / No Set Screw	14.5	Brass / Commercial
# GS48X192-0159B0953-A52-N	192	101.60 <i>4.000</i>	9.525 <i>0.375</i>	102.649 <i>4.041</i>	1.59 <i>0.063</i>	1.59 <i>0.063</i>	Hubless	0.00 / None	14.5	5052 Aluminum Alloy / Stamped

Indicates item not stocked at time of printing - Please enquire for lead time

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