

PGRR
PGRS
0.5m_n

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PRECISION GEARS

0.5 Module Spur Gear Rack α 20° PA

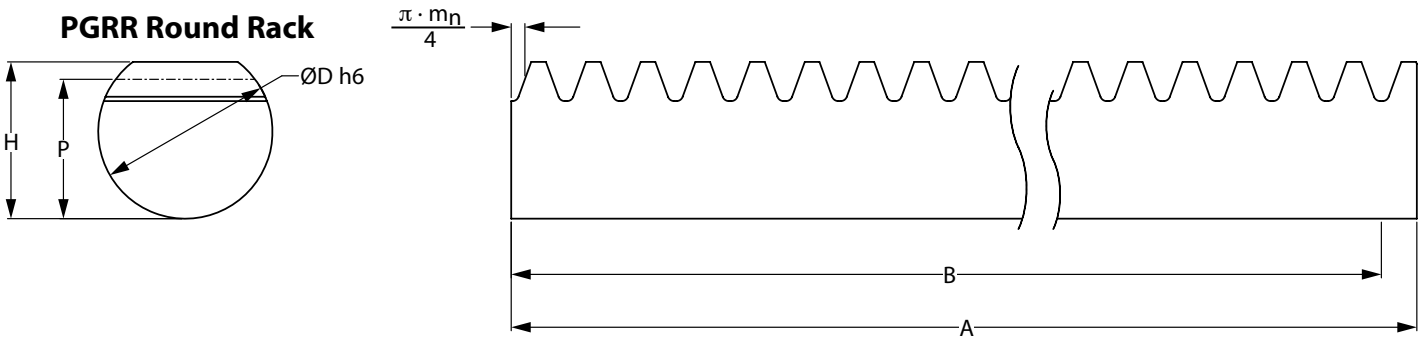
Quality Grade 8 ISO 1328



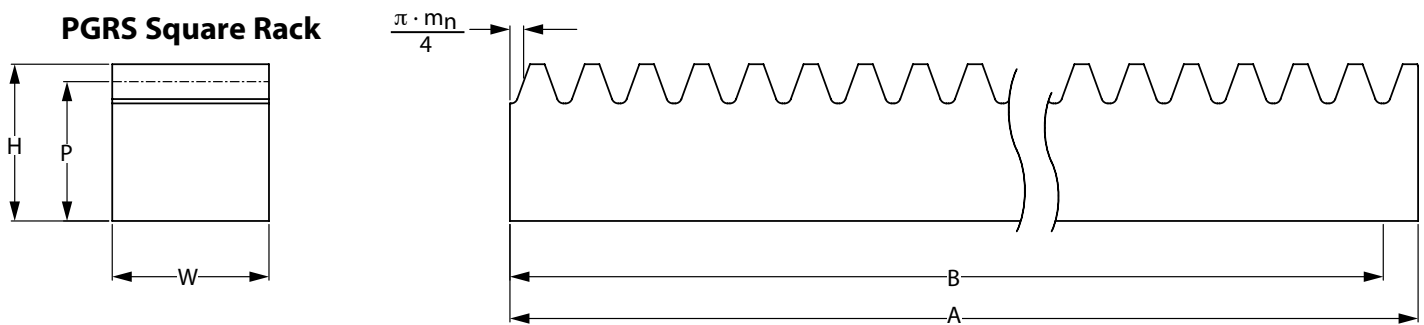
Standard Part **PGRR** **0.5** **400** **A**

PGRR - Precision Round Gear Rack PGRS - Precision Square Gear Rack	Length Type: A = Full Length B = Cut for Butt Joining
m _n Module - Cut with DIN 867 1.25/0.20/1.0	Length

PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m _n	Height H \pm 0.05	Pitch Height P	Width W \pm 0.05	Diameter ØD h6	Length A \pm 0.25	Length B \pm 0.1
A	B								
PGRR0.5-400A	PGRR0.5-400B	Round	0.5	7.5	7.0	-	8	400	398
PGRS0.5-600A	PGRS0.5-600B	Square	0.5	10.0	9.5	10	-	600	598

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: En8 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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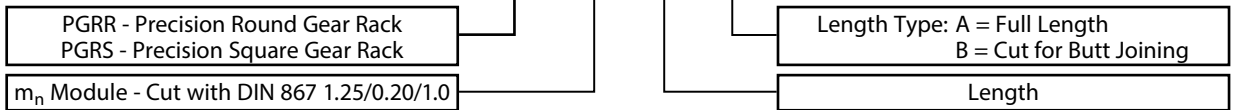
PRECISION GEARS

1.0 Module Spur Gear Rack α 20° PA

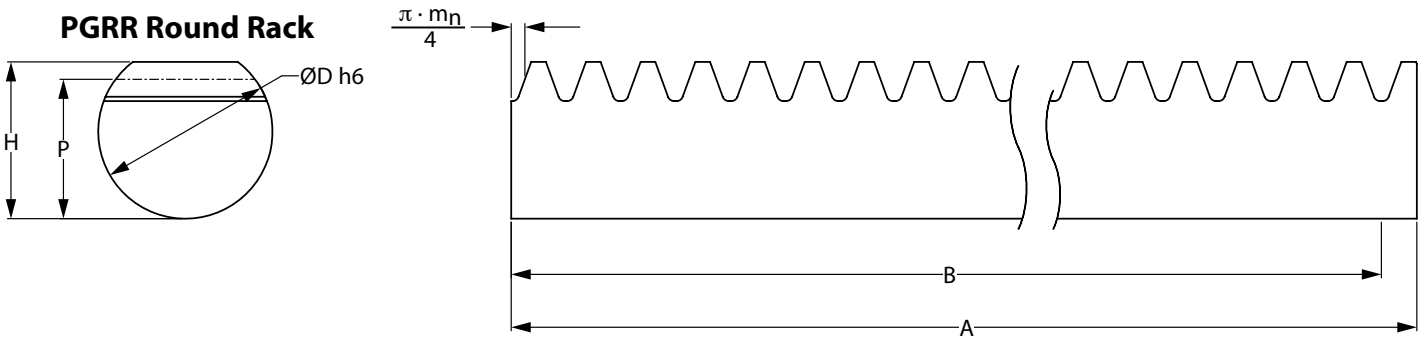
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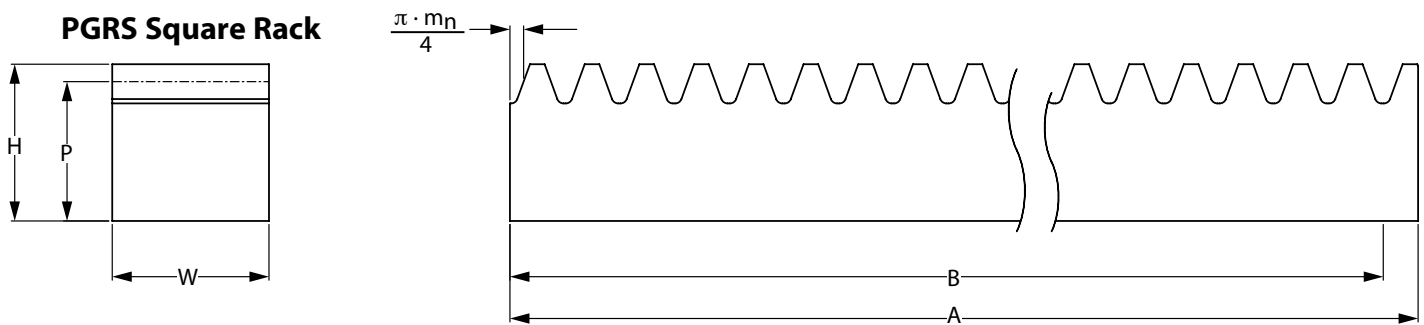
Standard Part **PGRR 1.0-400 A**



PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m_n	Height $H^{\pm 0.05}$	Pitch Height P	Width $W^{\pm 0.05}$	Diameter $\text{Ø}D\ h6$	Length $A^{\pm 0.25}$	Length $B^{\pm 0.1}$
A	B								
PGRR1.0-400A	PGRR1.0-400B	Round	1.0	9	8	-	10	400	398
PGRS1.0-600A	PGRS1.0-600B	Square	1.0	10	9	10	-	600	596

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: 080A47 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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PRECISION GEARS

1.5 Module Spur Gear Rack α 20° PA

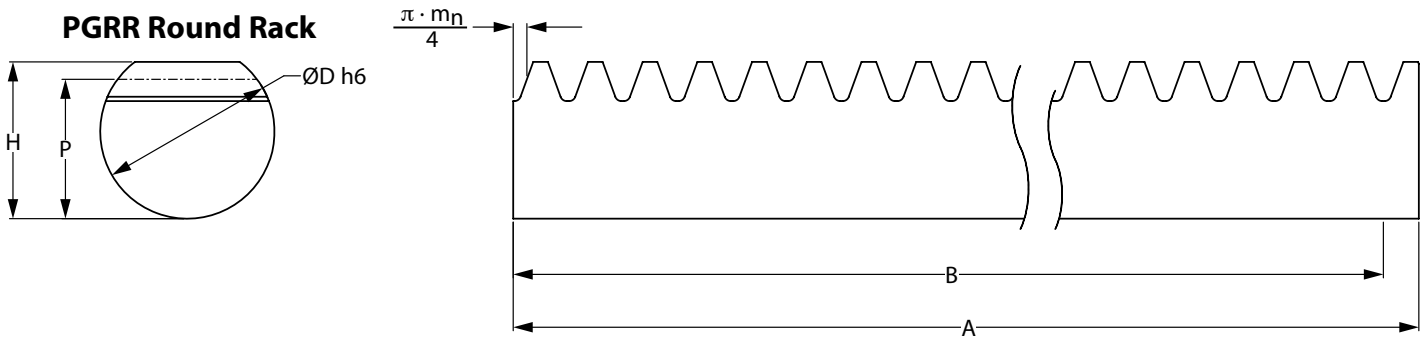
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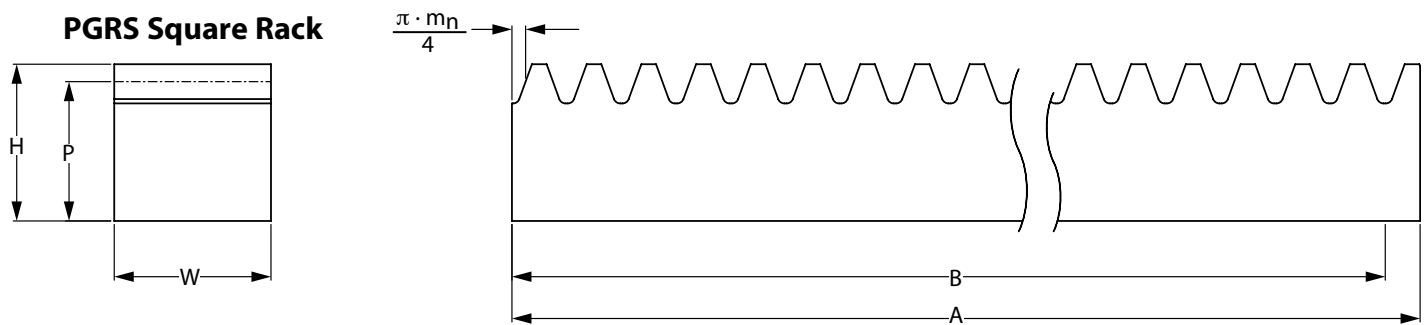
Standard Part **PGRR 1.5-400 A**



PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m _n	Height H ^{±0.05}	Pitch Height P	Width W ^{±0.05}	Diameter ØD h6	Length A ^{±0.25}	Length B ^{±0.1}
A	B								
PGRR1.5-400A	PGRR1.5-400B	Round	1.5	13.5	12.0	-	15	400	395
PGRS1.5-600A	PGRS1.5-600B	Square	1.5	15.0	13.5	15	-	600	598
PGRS1.5-1200A	PGRS1.5-1200B	Square	1.5	15.0	13.5	15	-	1,200	1,196

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: 080A47 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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PRECISION GEARS

2.0 Module Spur Gear Rack α 20° PA

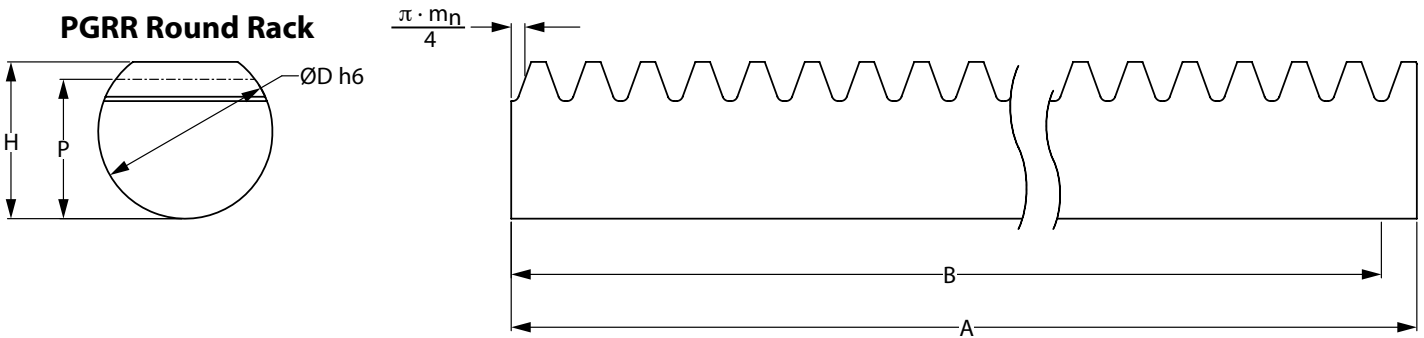
Quality Grade 8 ISO 1328



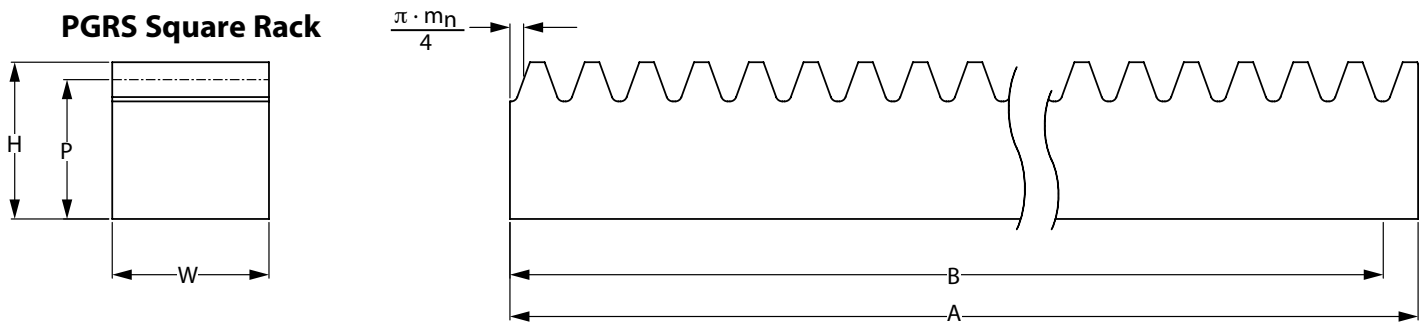
Standard Part **PGRR** **2.0** **400** **A**

PGRR - Precision Round Gear Rack PGRS - Precision Square Gear Rack	Length Type: A = Full Length B = Cut for Butt Joining
m _n Module - Cut with DIN 867 1.25/0.20/1.0	Length

PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m _n	Height H \pm 0.05	Pitch Height P	Width W \pm 0.05	Diameter ØD h6	Length A \pm 0.25	Length B \pm 0.1
A	B								
PGRR2.0-400A	PGRR2.0-400B	Round	2.0	18	16	-	20	400	395
PGRS2.0-600A	PGRS2.0-600B	Square	2.0	20	18	20	-	600	596
PGRS2.0-1200A	PGRS2.0-1200B	Square	2.0	20	18	20	-	1,200	1,193

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: 080A47 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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PRECISION GEARS

2.5 Module Spur Gear Rack α 20° PA

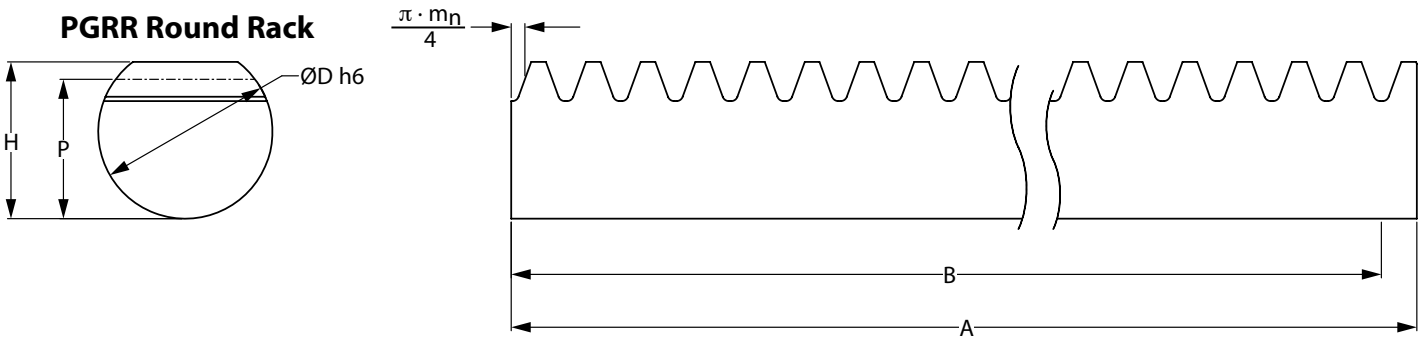
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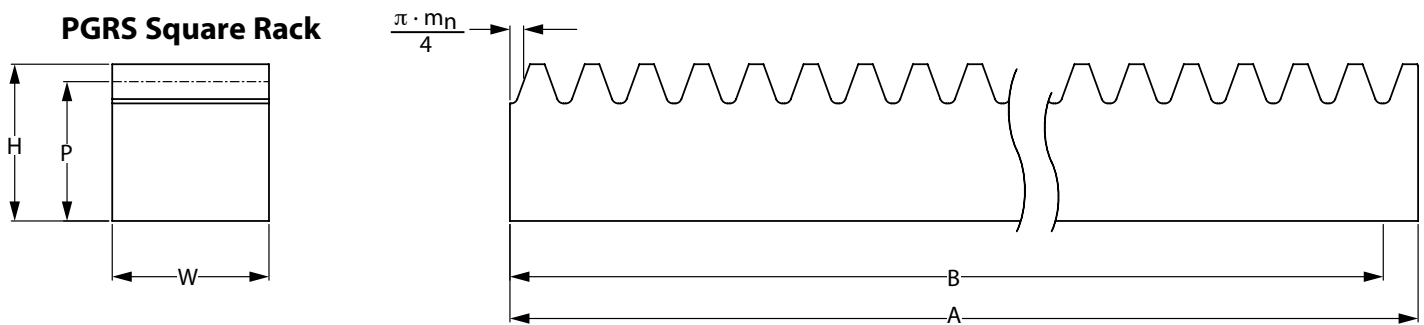
Standard Part **PGRR 2.5-400 A**



PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m_n	Height $H^{\pm 0.05}$	Pitch Height P	Width $W^{\pm 0.05}$	Diameter $\text{ØD } h6$	Length $A^{\pm 0.25}$	Length $B^{\pm 0.1}$
A	B								
PGRR2.5-400A	PGRR2.5-400B	Round	2.5	22.5	20.0	-	25	400	392
PGRS2.5-600A	PGRS2.5-600B	Square	2.5	25.0	22.5	25	-	600	596
PGRS2.5-1200A	PGRS2.5-1200B	Square	2.5	25.0	22.5	25	-	1,200	1,193

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: 080A47 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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PRECISION GEARS

3.0 Module Spur Gear Rack α 20° PA

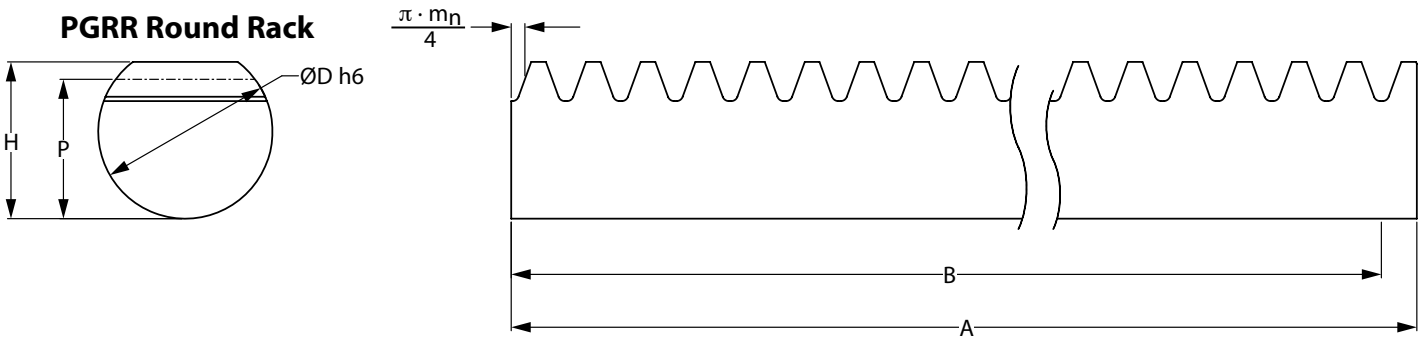
Quality Grade 8 ISO 1328



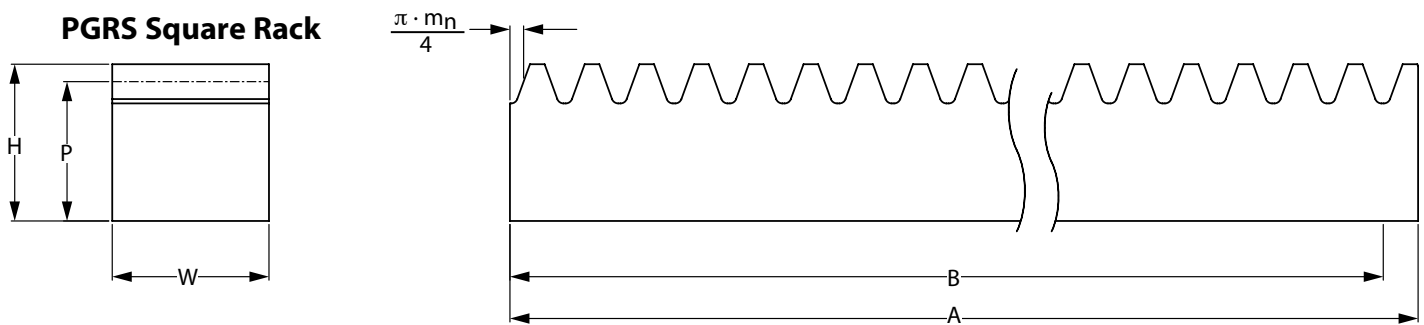
Standard Part **PGRR** **3.0** **400** **A**

PGRR - Precision Round Gear Rack PGRS - Precision Square Gear Rack	Length Type: A = Full Length B = Cut for Butt Joining
m _n Module - Cut with DIN 867 1.25/0.20/1.0	Length

PGRR Round Rack



PGRS Square Rack



Part Number Length Type		Rack Form	Module m _n	Height H \pm 0.05	Pitch Height P	Width W \pm 0.05	Diameter ØD h6	Length A \pm 0.25	Length B \pm 0.1
A	B								
PGRR3.0-400A	PGRR3.0-400B	Round	3.0	27	24	-	30	400	395
PGRS3.0-600A	PGRS3.0-600B	Square	3.0	30	27	30	-	600	593
PGRS3.0-1200A	PGRS3.0-1200B	Square	3.0	30	27	30	-	1,200	1,196

PGRR - Round Rack

Material: 303 Stainless Steel (83 HRB).

Straightness: 0.5mm/400mm.

Total Pitch Deviation: 0.10mm.

Surface finish on diameter: 0.4 Ra.

All racks are cut starting at half tooth spacing.

Racks cut for butt joining finish at half tooth spacing.

Joining gauges available.

Other lengths available P.O.A.

PGRS - Square Rack

Material: 080A47 Steel.

Straightness: 1.0mm/1000mm.

Total Pitch Deviation: 0.10mm.



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