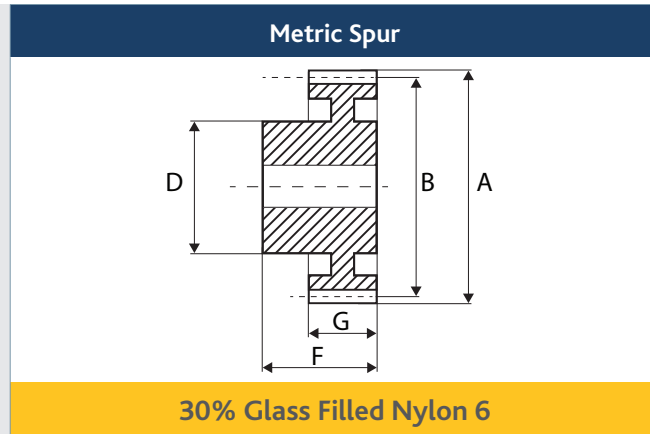




GEARS & RACKS

Metric Spur Gears

Metric Spur Gears in 30% Glass-Filled Nylon 6, 2.0 MOD, 20° P.A



- Intermediate sizes and special gears to drawing (tooling charges may apply)
- Bore unmachined typically 0.5-1mm undersize
- Standard tolerances, unless otherwise stated $\pm 0.25\text{mm}$
- Max recommended working temperature 130°C
- All dimensions in mm
- Moulded Nylon 6 (PA6), 30% Glass filled

Code	No. teeth	Pitch \varnothing B	Pre-bore (rough)	Hub/Boss \varnothing D	Outside \varnothing A	O/A width F	Face width G
PS20/12B	12	24	8	18	28	35	20
PS20/13B	13	26	8	18	30	35	20
PS20/14B	14	28	8	20	32	35	20
PS20/15B	15	30	8	22	34	35	20
PS20/16B	16	32	8	25	36	35	20
PS20/17B	17	34	8	25	38	35	20
PS20/18B	18	36	10	30	40	35	20
PS20/19B	19	38	10	30	42	35	20
PS20/20B	20	40	10	30	44	35	20
PS20/21B	21	42	10	30	46	35	20
PS20/22B	22	44	10	30	48	35	20
PS20/23B	23	46	10	35	50	35	20
PS20/24B	24	48	10	35	52	35	20
PS20/25B	25	50	10	35	54	35	20
PS20/26B	26	52	14	40	56	35	20
PS20/27B	27	54	14	40	58	35	20
PS20/28B	28	56	14	40	60	35	20
PS20/29B	29	58	14	40	62	35	20
PS20/30B	30	60	14	40	64	35	20
PS20/31B	31	62	14	40	66	35	20
PS20/32B	32	64	16	45	68	35	20
PS20/33B	33	66	16	45	70	35	20
PS20/34B	34	68	16	45	72	35	20
PS20/35B	35	70	16	45	74	35	20
PS20/36B	36	72	16	50	76	35	20
PS20/37B	37	74	16	50	78	35	20
PS20/38B	38	76	16	50	80	35	20

Please note: It is recommended that when the bores in "PS" Moulded Spur Gears are machined they are machined to the bore size stated or very close to the catalogue size. Boring these gears to a much larger bore diameter could increase the possibility of discovering small voids or cavities in this area. All dimensions subject to change. If a dimension is critical to your application please contact our Sales Department for confirmation. For special or reworked gears please contact our Manufacturing Department for a quotation.



Metric Spur Gears in 30% Glass-Filled Nylon 6, 2.0 MOD, 20° P.A



30% Glass-Filled Nylon 6: The addition of glass fibres to Nylon 6 increases tensile strength, stiffness, compression strength and a lower thermal expansion coefficient over conventionally unfilled grades. Glass-filled Nylon offers better strength than general purpose Nylon.

Code	No. teeth	Pitch Ø B	Pre-bore (rough)	Hub/Boss Ø D	Outside Ø A	O/A width F	Face width G
PS20/39B	39	78	16	50	82	35	20
PS20/40B	40	80	16	50	84	35	20
PS20/41B	41	82	16	60	86	35	20
PS20/42B	42	84	16	60	88	35	20
PS20/43B	43	86	16	60	90	35	20
PS20/44B	44	88	16	60	92	35	20
PS20/45B	45	90	16	60	94	35	20
PS20/46B	46	92	16	60	96	35	20
PS20/47B	47	94	16	60	98	35	20
PS20/48B	48	96	16	60	100	35	20
PS20/49B	49	98	16	60	102	35	20
PS20/50B	50	100	20	60	104	35	20
PS20/51B	51	102	20	60	106	35	20
PS20/52B	52	104	20	60	108	35	20
PS20/53B	53	106	20	60	110	35	20
PS20/54B	54	108	20	60	112	35	20
PS20/55B	55	110	20	60	114	35	20
PS20/56B	56	112	20	60	116	35	20
PS20/57B	57	114	20	60	118	35	20
PS20/58B	58	116	20	60	120	35	20
PS20/59B	59	118	20	60	122	35	20
PS20/60B	60	120	20	60	124	35	20

Please note: It is recommended that when the bores in "PS" Moulded Spur Gears are machined they are machined to the bore size stated or very close to the catalogue size. Boring these gears to a much larger bore diameter could increase the possibility of discovering small voids or cavities in this area. All dimensions subject to change. If a dimension is critical to your application please contact our Sales Department for confirmation. For special or reworked gears please contact our Manufacturing Department for a quotation.