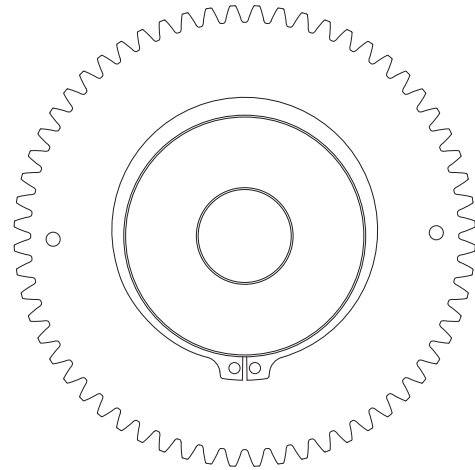
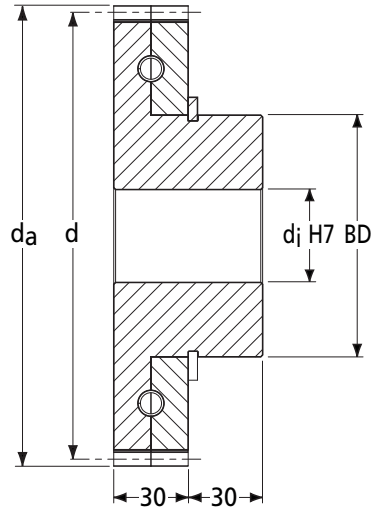


ABPSG
3.0m_n

PRECISION GEARS

3.0 Module Anti-Backlash Spur Gear α 20° PA

Quality Grade 7e25 DIN 3961/3967 (AGMA Q10)



DIN 3967 Tooth Thickness tol.

Part Number	No. of Teeth z	Ref. Dia. d	Tip Dia. d_a	Bore H7 d_j	Max. Bore H7 d_j	Hub Dia. BD	I Inertia kgm^2	Mass kg
ABPSG3.0-25	25	75	81	12	16	35	7.71×10^{-4}	1.201
ABPSG3.0-26	26	78	84	12	16	35	8.95×10^{-4}	1.286
ABPSG3.0-27	27	81	87	12	16	35	1.03×10^{-3}	1.373
ABPSG3.0-28	28	84	90	12	16	35	1.19×10^{-3}	1.464
ABPSG3.0-29	29	87	93	12	16	35	1.36×10^{-3}	1.558
ABPSG3.0-30	30	90	96	14	30	50	1.66×10^{-3}	1.872
ABPSG3.0-32	32	96	102	14	30	50	2.10×10^{-3}	2.076
ABPSG3.0-35	35	105	111	14	30	50	2.94×10^{-3}	2.408
ABPSG3.0-38	38	114	120	14	30	50	4.03×10^{-3}	2.771
ABPSG3.0-40	40	120	126	16	40	65	5.18×10^{-3}	3.325

PRECISION GEARS

ABPSG
3.0m_n

3.0 Module Anti-Backlash Spur Gear α 20° PA

Quality Grade 7e25 DIN 3961/3967 (AGMA Q10)

Standard Part **ABPSG** **3.0** - **40**
Modified Part **ABPSG** **3.0** - **40** **S** **30** **K** **T**

ABPSG - Precision Anti-Backlash Spur Gear
Quality Grade 7e25 DIN 3961/3967
Other Quality Grades available.
See page 291

m_n Module - Cut with DIN 867 1.25/0.20/1.0
Ref. Tooth Profile Topping WD = 2.25 x m_n

Number of Teeth z

Standard Material = 817M40T (28HRC)
S = 303 Stainless Steel

T = 1 x Tapped hole 2T = 2 x Tapped holes.
P = 1 x Pin Hole PT = 1 x Pin Hole thru.
All threads metric as standard,
refer to page 308 for sizes and prices.

K- Keyway supplied to
DIN 6885 - Js9 tolerance.
For prices see page 308

To specify different bore enter size required
Example: 30 = 30mm H7 etc
For prices see page 308

η Efficiency approx. 98%

Discounts: 6+ -5% 19+ -10%

Part Number	817M40T (28HRC)		Part Number	Stainless 303	
	T ₂ Nm	Price Each 1 - 5		T ₂ Nm	Price Each 1 - 5
ABPSG3.0-25	4.19	£79.05	ABPSG3.0-25S	4.19	£126.48
ABPSG3.0-26	4.31	£83.59	ABPSG3.0-26S	4.31	£133.75
ABPSG3.0-27	4.43	£85.59	ABPSG3.0-27S	4.43	£136.96
ABPSG3.0-28	4.55	£87.95	ABPSG3.0-28S	4.55	£140.73
ABPSG3.0-29	4.68	£91.56	ABPSG3.0-29S	4.68	£146.50
ABPSG3.0-30	5.41	£94.86	ABPSG3.0-30S	5.41	£151.79
ABPSG3.0-32	5.66	£101.77	ABPSG3.0-32S	5.66	£162.84
ABPSG3.0-35	6.02	£117.89	ABPSG3.0-35S	6.02	£188.63
ABPSG3.0-38	6.39	£126.53	ABPSG3.0-38S	6.39	£202.46
ABPSG3.0-40	7.25	£130.08	ABPSG3.0-40S	7.25	£208.13