


GEARS

No. Teeth	Outside Dia. A	Pitch Dia. B	Bore Dia. C	Boss Dia. D	Overall Length E	Face Width F	Setscrew G	Pos'n K	Catalogue Reference
20	0.631	0.5892	0.2500	0.500	0.437	0.1875	# 6-32	0.125	20 - 0.5892 - Material -Handing
25	0.778	0.7365	0.2500	0.500	0.437	0.1875	# 6-32	0.125	25 - 0.7365 - Material -Handing
30	0.925	0.8838	0.2500	0.500	0.437	0.1875	# 6-32	0.125	30 - 0.8838 - Material -Handing
35	1.073	1.0312	0.2500	0.500	0.437	0.1875	# 6-32	0.125	35 - 1.0312 - Material -Handing
40	1.220	1.1785	0.2500	0.500	0.437	0.1875	# 6-32	0.125	40 - 1.1785 - Material -Handing
45	1.367	1.3258	0.2500	0.500	0.437	0.1875	# 6-32	0.125	45 - 1.3258 - Material -Handing
50	1.515	1.4372	0.2500	0.500	0.437	0.1875	# 6-32	0.125	50 - 1.4372 - Material -Handing
60	1.809	1.7676	0.2500	0.500	0.437	0.1875	# 6-32	0.125	60 - 1.7676 - Material -Handing
70	2.104	2.0622	0.2500	0.500	0.437	0.1875	# 6-32	0.125	70 - 2.0622 - Material -Handing
80	2.398	2.3568	0.2500	0.500	0.437	0.1875	# 6-32	0.125	80 - 2.3568 - Material -Handing
90	2.693	2.6516	0.2500	0.500	0.437	0.1875	# 6-32	0.125	90 - 2.6516 - Material -Handing
100	2.988	2.9462	0.2500	0.500	0.437	0.1875	# 6-32	0.125	100 - 2.9462 -Material -Handing

 +0.0003
 0.0002

e.g. 35-1.0312-AA-RH
meshing gears

 shafts parallel, use 1 left hand & 1 right hand
 shafts right angle, use gears of the same handing

material

 Stainless Steel 303
 Aluminium 2024 anodised

General Information

 all dimensions in imperial (inches)
 pressure angle 20°
 manufactured to BS978:1968 Pt.1 Fig.1 grade C
 general tolerance (except length) ± 0.25
 these gears are natural - not hardened
 for more guidance refer to Technical section
 of this catalogue.