

S METRIC Fairloc® Hub Acetal Spur Gears - Module 1

- ISO CLASS 7
- 5 mm FACE WIDTH

- 20° PRESSURE ANGLE
- 5, 8 & 10 mm BORE

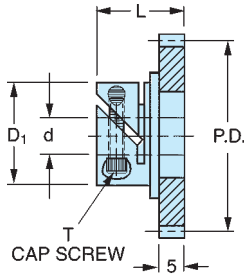


Fig. 1

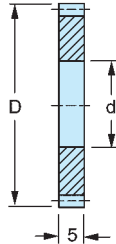


Fig. 2

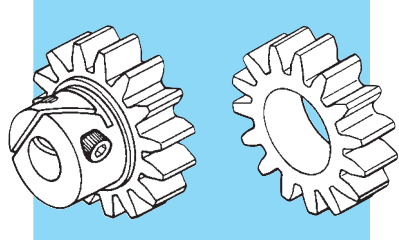


Fig. 1	Bore Ref.	T	D ₁	L
1	5	M2.5	14	13.5
	8	M3	17	14.8

MATERIALS: Gear – Acetal
Hub – 303 Stainless Steel

Catalog Number			No. of Teeth	P.D.	D
FAIRLOC® TYPE HUB GEAR (Fig. 1)		HUBLESS (Fig. 2)			
d = ø5 H7	d = ø8 H7	d = ø10 H8			
S1VZ10M015T0505	S1VZ10M015T0508	S12M10M015N0510	15	15	17
S1VZ10M016T0505	S1VZ10M016T0508	S12M10M016N0510	16	16	18
S1VZ10M018T0505	S1VZ10M018T0508	S12M10M018N0510	18	18	20
S1VZ10M020T0505	S1VZ10M020T0508	S12M10M020N0510	20	20	22
S1VZ10M021T0505	S1VZ10M021T0508	S12M10M021N0510	21	21	23
S1VZ10M022T0505	S1VZ10M022T0508	S12M10M022N0510	22	22	24
S1VZ10M023T0505	S1VZ10M023T0508	S12M10M023N0510	23	23	25
S1VZ10M024T0505	S1VZ10M024T0508	S12M10M024N0510	24	24	26
S1VZ10M025T0505	S1VZ10M025T0508	S12M10M025N0510	25	25	27
S1VZ10M028T0505	S1VZ10M028T0508	S12M10M028N0510	28	28	30
S1VZ10M030T0505	S1VZ10M030T0508	S12M10M030N0510	30	30	32
S1VZ10M032T0505	S1VZ10M032T0508	S12M10M032N0510	32	32	34
S1VZ10M036T0505	S1VZ10M036T0508	S12M10M036N0510	36	36	38
S1VZ10M040T0505	S1VZ10M040T0508	S12M10M040N0510	40	40	42
S1VZ10M042T0505	S1VZ10M042T0508	S12M10M042N0510	42	42	44
S1VZ10M045T0505	S1VZ10M045T0508	S12M10M045N0510	45	45	47
S1VZ10M046T0505	S1VZ10M046T0508	S12M10M046N0510	46	46	48
S1VZ10M048T0505	S1VZ10M048T0508	S12M10M048N0510	48	48	50
S1VZ10M050T0505	S1VZ10M050T0508	S12M10M050N0510	50	50	52
S1VZ10M052T0505	S1VZ10M052T0508	S12M10M052N0510	52	52	54
S1VZ10M056T0505	S1VZ10M056T0508	S12M10M056N0510	56	56	58
S1VZ10M060T0505	S1VZ10M060T0508	S12M10M060N0510	60	60	62
S1VZ10M064T0505	S1VZ10M064T0508	S12M10M064N0510	64	64	66
S1VZ10M066T0505	S1VZ10M066T0508	S12M10M066N0510	66	66	68
S1VZ10M069T0505	S1VZ10M069T0508	S12M10M069N0510	69	69	71
S1VZ10M072T0505	S1VZ10M072T0508	S12M10M072N0510	72	72	74
S1VZ10M078T0505	S1VZ10M078T0508	S12M10M078N0510	78	78	80
S1VZ10M084T0505	S1VZ10M084T0508	S12M10M084N0510	84	84	86
S1VZ10M090T0505	S1VZ10M090T0508	S12M10M090N0510	90	90	92
S1VZ10M093T0505	S1VZ10M093T0508	S12M10M093N0510	93	93	95

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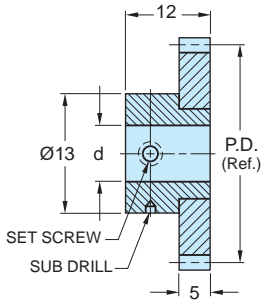


Fig. 1

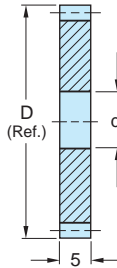
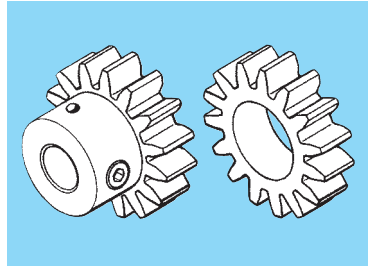


Fig. 2



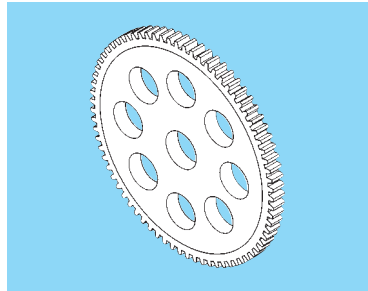
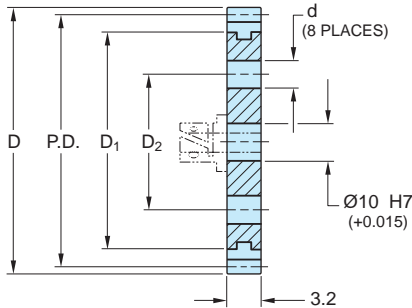
S Precision Component

MATERIALS: Gear – Acetal
Hub – 303 Stainless Steel

Catalog Number			No. of Teeth	P.D. (Ref.)	D (Ref.)
PIN TYPE HUB GEAR (Fig. 1)		HUBLESS (Fig. 2)			
d = ø5 H7	d = ø8 H7	d = ø10 H8			
S10Z10M015T0505	S10Z10M015T0508	S12M10M015N0510	15	15	17
S10Z10M016T0505	S10Z10M016T0508	S12M10M016N0510	16	16	18
S10Z10M018T0505	S10Z10M018T0508	S12M10M018N0510	18	18	20
S10Z10M020T0505	S10Z10M020T0508	S12M10M020N0510	20	20	22
S10Z10M021T0505	S10Z10M021T0508	S12M10M021N0510	21	21	23
S10Z10M022T0505	S10Z10M022T0508	S12M10M022N0510	22	22	24
S10Z10M023T0505	S10Z10M023T0508	S12M10M023N0510	23	23	25
S10Z10M024T0505	S10Z10M024T0508	S12M10M024N0510	24	24	26
S10Z10M025T0505	S10Z10M025T0508	S12M10M025N0510	25	25	27
S10Z10M028T0505	S10Z10M028T0508	S12M10M028N0510	28	28	30
S10Z10M030T0505	S10Z10M030T0508	S12M10M030N0510	30	30	32
S10Z10M032T0505	S10Z10M032T0508	S12M10M032N0510	32	32	34
S10Z10M036T0505	S10Z10M036T0508	S12M10M036N0510	36	36	38
S10Z10M040T0505	S10Z10M040T0508	S12M10M040N0510	40	40	42
S10Z10M042T0505	S10Z10M042T0508	S12M10M042N0510	42	42	44
S10Z10M045T0505	S10Z10M045T0508	S12M10M045N0510	45	45	47
S10Z10M046T0505	S10Z10M046T0508	S12M10M046N0510	46	46	48
S10Z10M048T0505	S10Z10M048T0508	S12M10M048N0510	48	48	50
S10Z10M050T0505	S10Z10M050T0508	S12M10M050N0510	50	50	52
S10Z10M052T0505	S10Z10M052T0508	S12M10M052N0510	52	52	54
S10Z10M056T0505	S10Z10M056T0508	S12M10M056N0510	56	56	58
S10Z10M060T0505	S10Z10M060T0508	S12M10M060N0510	60	60	62
S10Z10M064T0505	S10Z10M064T0508	S12M10M064N0510	64	64	66
S10Z10M066T0505	S10Z10M066T0508	S12M10M066N0510	66	66	68
S10Z10M069T0505	S10Z10M069T0508	S12M10M069N0510	69	69	71
S10Z10M072T0505	S10Z10M072T0508	S12M10M072N0510	72	72	74
S10Z10M078T0505	S10Z10M078T0508	S12M10M078N0510	78	78	80
S10Z10M084T0505	S10Z10M084T0508	S12M10M084N0510	84	84	86
S10Z10M090T0505	S10Z10M090T0508	S12M10M090N0510	90	90	92
S10Z10M093T0505	S10Z10M093T0508	S12M10M093N0510	93	93	95

Available as special order: 14-1/2° P.A., teeth not listed, different bore size, or assembled onto Fairloc® Integral Fastener Hubs.

■ ISO CLASS 7 ■ 20° PRESSURE ANGLE ■ 3.2 mm FACE ■ 10 mm BORE



S Precision Component

MATERIAL: Core – Aluminum 2024-T3, Chemical Filmed
Rim – Acetal

Catalog Number	No. of Teeth	P.D.	D	D ₁ Dia.	d Dia.	D ₂ Dia.
S12Z10M021N0310	21	21	23	16	—	—
S12Z10M024N0310	24	24	26	—	—	—
S12Z10M025N0310	25	25	27	22.3	—	—
S12Z10M030N0310	30	30	32	—	—	—
S12Z10M032N0310	32	32	34	—	—	—
S12Z10M035N0310	35	35	37	28.6	—	—
S12Z10M036N0310	36	36	38	—	—	—
S12Z10M040N0310	40	40	42	34.9	—	—
S12Z10M042N0310	42	42	44	—	—	—
S12Z10M045N0310	45	45	47	—	—	—
S12Z10M046N0310	46	46	48	41.3	5.5	20.6
S12Z10M048N0310	48	48	50	—	—	—
S12Z10M050N0310	50	50	52	47.7	8	27.8
S12Z10M055N0310	55	55	57	—	—	—
S12Z10M056N0310	56	56	58	54	9.5	35
S12Z10M060N0310	60	60	62	—	—	—
S12Z10M064N0310	64	64	66	60.4	9.5	35
S12Z10M065N0310	65	65	67	—	—	—
S12Z10M070N0310	70	70	72	66.7	9.5	44.5
S12Z10M072N0310	72	72	74	—	—	—
S12Z10M084N0310	84	84	86	79.4	9.5	44.5
S12Z10M096N0310	96	96	98	92	—	—

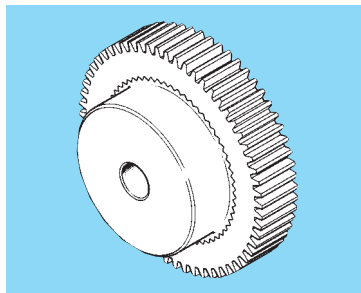
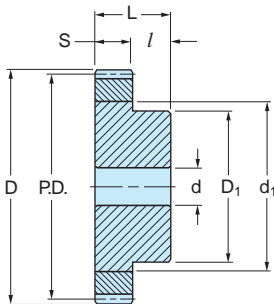
See Index for hubs. Assembled upon request at a nominal charge.

Available as special order: 14-1/2° P.A., teeth not listed, different bore and/or materials.

■ ISO CLASS 9

■ 20° PRESSURE ANGLE

■ 10, 15 & 20 mm FACE WIDTH

**MATERIAL:** Core - 303 Stainless Steel

Gear - Machined from Nylon Overmolded Blanks

Catalog Number	Mod.	No. of Teeth	d* Bore H7	P.D.	D	S Face Width	l Hub Proj.	L Lgth.	d ₁ Core Dia.	D ₁
S10N10M030P1008	1	30	8	30	32	10	10	20	20	20
S10N10M035P1008		35	8	35	37	10	10	20	25	25
S10N10M040P1010		40	10	40	42	10	10	20	28	25
S10N10M050P1010		50	10	50	52	10	10	20	34	30
S10N10M060P1010		60	10	60	62	10	10	20	45	40
S10N10M080P1010		80	10	80	82	10	10	20	45	40
S10N15M030P1510	1.5	30	10	45	48	15	12	27	30	30
S10N15M035P1510		35	10	52.5	55.5	15	12	27	36	33
S10N15M040P1510		40	10	60	63	15	12	27	45	40
S10N15M050P1512		50	12	75	78	15	12	27	45	40
S10N15M060P1512		60	12	90	93	15	12	27	55	50
S10N15M080P1512		80	12	120	123	15	12	27	85	60
S10N20M020P2010	2	20	10	40	44	20	14	34	22	22
S10N20M025P2010		25	10	50	54	20	14	34	30	30
S10N20M030P2010		30	10	60	64	20	14	34	35	35
S10N20M035P2012		35	12	70	74	20	14	34	45	40
S10N20M040P2015		40	15	80	84	20	14	34	60	55
S10N20M050P2015		50	15	100	104	20	14	34	65	60
S10N20M060P2015	60	15	120	124	20	14	34	85	60	

* Bore Tolerance: 8 & 10 mm +0.015
12 & 15 mm +0.018

NOTE: When core O.D. is the same as the hub diameter, there may be serrations on the hub.

CAUTION: The holding strength between the core and the nylon may be less than the ultimate gear strength.