Parallel axis helical gear

Steel 17°45

Module 0.4

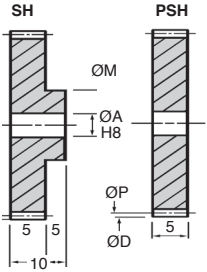
Steel

- ***Gears are in permanent contact***
- ***Reduced noise***
- *Pressure angle 20°*
- *Material: Steel 20NCD2*

Info.

Important: *a right handed gear only meshes with a left handed gear.*

Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*brass*
Nm	**0.28**	*1.12*	*0.14*
kW	**0.03**	*0.12*	*0.01*





DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

Part number	Z Teeth	ØP PCD	ØD External	ØM Boss	ØA Bore	Price each 1 to 5 SH	PSH
SH0.4-25	25	10,50	11,30	8,00	3	26,09 €	On request
SH0.4-30	30	12,60	13,40	8,00	3	26,40 €	
SH0.4-35	35	14,70	15,50	8,00	3	27,07 €	
SH0.4-40	40	16,80	17,60	12,00	4	27,73 €	
SH0.4-45	45	18,90	19,70	12,00	4	28,74 €	
SH0.4-50	50	21,00	21,80	12,00	4	29,61 €	
SH0.4-55	55	23,10	23,90	12,00	4	30,46 €	
SH0.4-60	60	25,20	26,00	12,00	4	31,80 €	
SH0.4-65	65	27,30	28,10	12,00	4	33,35 €	
SH0.4-70	70	29,40	30,20	12,00	4	33,80 €	
SH0.4-75	75	31,50	32,30	12,00	4	34,23 €	
SH0.4-80	80	33,60	34,40	12,00	5	34,82 €	
SH0.4-86	86	36,12	36,92	12,00	5	36,09 €	
SH0.4-90	90	37,80	38,60	12,00	5	37,43 €	
SH0.4-100	100	42,00	42,80	12,00	5	38,81 €	
SH0.4-120	120	50,40	51,20	12,00	5	39,33 €	
SH0.4-140	140	58,80	59,60	12,00	5	42,82 €	
SH0.4-150	150	63,00	63,80	12,00	5	44,15 €	
SH0.4-180	180	75,60	76,40	15,00	6	62,26 €	
SH0.4-200	200	84,00	84,80	15,00	8	69,93 €	
SH0.4-220	220	92,40	93,20	15,00	8	sur demande	
SH0.4-250	250	105,00	105,80	20,00	10	91,50 €	
↓	Gears available up to this size						
SH0.4-330	**330**	Dimensions: contact us					

Dimensions in mm

Parallel axis helical gear

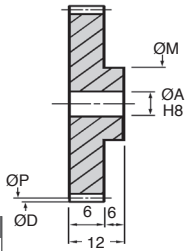
Steel or machined Delrin

Module 0.5

- ***Gears are in permanent contact***
- ***Reduced noise***
- *Pressure angle 20°*
- *Material: Steel 20NCD2 or Delrin plastic*

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**0.53**	*2.09*	*0.26*	*0.13*
kW	**0.05**	*0.22*	*0.03*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM SH	Boss ZSH	ØA SH	Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH0.5-20	ZSH0.5-20	20	10,50	11,50	8,50	9	4	3	29,71 €	14,83 €
SH0.5-25	ZSH0.5-25	25	13,13	14,13	10,00	10	4	3	31,63 €	15,77 €
SH0.5-30	ZSH0.5-30	30	15,75	16,75	10,00	12	5	4	33,01 €	16,55 €
SH0.5-35	ZSH0.5-35	35	18,38	19,38	10,00	12	5	4	34,95 €	17,49 €
SH0.5-40	ZSH0.5-40	40	21,00	22,00	10,00	12	5	4	36,81 €	17,74 €
SH0.5-45	ZSH0.5-45	45	23,63	24,63	10,00	12	5	4	38,72 €	18,79 €
SH0.5-50	ZSH0.5-50	50	26,25	27,25	12,00	12	6	4	40,56 €	19,72 €
SH0.5-55	ZSH0.5-55	55	28,88	29,88	12,00	14	6	4	42,02 €	20,67 €
SH0.5-60	ZSH0.5-60	60	31,50	32,50	12,00	14	6	4	43,47 €	23,51 €
SH0.5-65	ZSH0.5-65	65	34,13	35,13	12,00	14	6	4	44,85 €	24,21 €
SH0.5-70	ZSH0.5-70	70	36,75	37,75	12,00	14	6	4	45,54 €	24,49 €
SH0.5-75	ZSH0.5-75	75	39,38	40,38	12,00	14	6	4	46,46 €	25,07 €
SH0.5-80	ZSH0.5-80	80	42,00	43,00	12,00	16	6	5	47,47 €	25,49 €
SH0.5-86	ZSH0.5-86	86	45,15	46,15	12,00	16	6	5	48,48 €	29,63 €
SH0.5-90	ZSH0.5-90	90	47,25	48,25	12,00	16	6	5	49,30 €	30,06 €
SH0.5-100	ZSH0.5-100	100	52,50	53,50	12,00	16	6	5	50,06 €	30,66 €
SH0.5-120	ZSH0.5-120	120	63,00	64,00	12,00	16	6	6	60,52 €	31,01 €
SH0.5-140	ZSH0.5-140	140	73,50	74,50	12,00	16	6	6	72,39 €	31,31 €
SH0.5-150	ZSH0.5-150	150	78,75	79,75	15,00	16	8	8	79,90 €	31,34 €
SH0.5-180	ZSH0.5-180	180	94,50	95,50	15,00	16	8	8	88,98 €	45,73 €
SH0.5-200	-	200	105,00	106,00	20,00	-	10	-	97,15 €	-
SH0.5-220	-	220	115,50	116,50	20,00	-	10	-	105,96 €	-
SH0.5-250	-	250	131,25	132,25	25,00	-	12	-	116,58 €	-
↓	↓	Gears available up to this size								
SH0.5-264	**ZSH0.5-264**	**264**	**Dimensions: contact us**							

Dimensions in mm

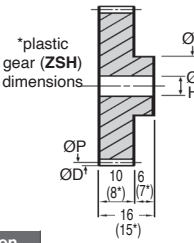
Module 0.7

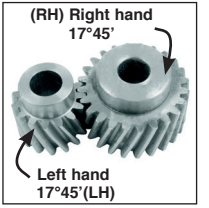
Steel or machined Delrin

- *Gears are in permanent contact*
- *Reduced noise*
- *Pressure angle 20°*
- *Material: Steel 20NCD2 or Delrin plastic*

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**1.73**	*6.83*	*0.86*	*0.4*
kW	**0.18**	*0.72*	*0.09*	*-*

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM SH	Boss ZSH	ØA SH	Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH0.7-15	ZSH0.7-15	15	11,03	12,43	11,90	12,43	5	3	32,50 €	16,27 €
SH0.7-20	ZSH0.7-20	20	14,70	16,10	12,00	12,00	5	3	35,93 €	17,94 €
SH0.7-22	ZSH0.7-22	22	16,17	17,57	12,00	12,00	5	3	36,61 €	18,38 €
SH0.7-25	ZSH0.7-25	25	18,38	19,78	12,00	14,00	5	4	37,75 €	18,93 €
SH0.7-30	ZSH0.7-30	30	22,05	23,45	12,00	14,00	5	4	39,15 €	19,57 €
SH0.7-34	ZSH0.7-34	34	24,99	26,39	16,00	14,00	6	4	39,65 €	19,89 €
SH0.7-35	ZSH0.7-35	35	25,73	27,13	16,00	14,00	6	4	39,74 €	19,89 €
SH0.7-40	ZSH0.7-40	40	29,40	30,80	16,00	16,00	6	5	40,16 €	22,16 €
SH0.7-45	ZSH0.7-45	45	33,08	34,48	16,00	16,00	6	5	40,56 €	22,41 €
SH0.7-50	ZSH0.7-50	50	36,75	38,15	16,00	16,00	6	5	41,47 €	22,96 €
SH0.7-51	ZSH0.7-51	51	37,49	38,89	16,00	16,00	6	5	41,63 €	22,96 €
SH0.7-55	ZSH0.7-55	55	40,43	41,83	16,00	16,00	6	5	42,42 €	26,64 €
SH0.7-60	ZSH0.7-60	60	44,10	45,50	16,00	16,00	6	5	43,42 €	27,25 €
SH0.7-70	ZSH0.7-70	70	51,45	52,85	16,00	18,00	8	6	45,18 €	34,05 €
SH0.7-75	ZSH0.7-75	75	55,13	56,63	16,00	18,00	8	6	46,15 €	34,92 €
SH0.7-80	ZSH0.7-80	80	58,80	60,20	16,00	18,00	8	6	48,13 €	41,23 €
SH0.7-90	ZSH0.7-90	90	66,15	67,55	16,00	18,00	8	6	50,86 €	43,57 €
SH0.7-100	ZSH0.7-100	100	73,50	74,90	16,00	18,00	8	6	64,68 €	55,45 €
SH0.7-120	ZSH0.7-120	120	88,20	89,60	20,00	18,00	8	8	88,30 €	80,20 €
SH0.7-140	-	140	102,63	104,30	20,00	-	10	-	100,62 €	-
SH0.7-150	-	150	110,25	111,65	25,00	-	10	-	109,13 €	-
SH0.7-175	-	175	128,63	130,03	30,00	-	15	-	125,77 €	-
↓	↓	**Gears available up to this size**								
SH0.7-188	**ZSH0.7-188**	**188**	**Dimensions: contact us**							

Dimensions in mm

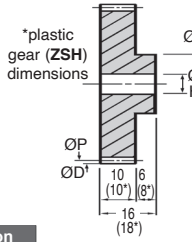
Steel or machined Delrin

Module 0.8

- *Gears are in permanent contact*
- *Reduced noise*
- *Pressure angle 20°*
- *Material: Steel 20NCD2 or Delrin plastic*

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**2.25**	*8.92*	*1.13*	*0.5*
kW	**0.24**	*0.93*	*0.12*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM SH	Boss ZSH	ØA SH	Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH0.8-15	ZSH0.8-15	15	12,60	14,20	12	14,20	5	3	32,50 €	16,27 €
SH0.8-16	ZSH0.8-16	16	13,44	15,04	12	15,04	5	3	33,38 €	16,66 €
SH0.8-19	ZSH0.8-19	19	15,96	17,56	12	14,00	5	4	35,48 €	17,74 €
SH0.8-20	ZSH0.8-20	20	16,80	18,40	12	14,00	5	4	35,93 €	17,94 €
SH0.8-25	ZSH0.8-25	25	21,00	22,60	12	14,00	5	4	37,75 €	18,93 €
SH0.8-28	ZSH0.8-28	28	23,52	25,12	12	14,00	5	4	38,72 €	19,39 €
SH0.8-30	ZSH0.8-30	30	25,20	26,80	16	16,00	6	5	39,15 €	19,57 €
SH0.8-35	ZSH0.8-35	35	29,40	31,00	16	16,00	6	5	39,74 €	21,89 €
SH0.8-40	ZSH0.8-40	40	33,60	35,20	16	16,00	6	5	40,16 €	22,16 €
SH0.8-45	ZSH0.8-45	45	37,80	39,40	16	16,00	6	5	40,56 €	22,41 €
SH0.8-50	ZSH0.8-50	50	42,00	43,60	16	16,00	6	5	41,19 €	25,82 €
SH0.8-55	ZSH0.8-55	55	46,20	47,80	16	18,00	6	6	42,25 €	26,58 €
SH0.8-60	ZSH0.8-60	60	50,40	52,00	16	18,00	8	6	42,94 €	32,46 €
SH0.8-66	ZSH0.8-66	66	55,44	57,04	16	18,00	8	6	44,03 €	33,14 €
SH0.8-70	ZSH0.8-70	70	58,80	60,40	16	18,00	8	6	44,41 €	38,02 €
SH0.8-75	ZSH0.8-75	75	63,00	64,60	16	18,00	8	6	45,18 €	38,72 €
SH0.8-80	ZSH0.8-80	80	67,20	68,80	16	18,00	8	6	47,47 €	40,63 €
SH0.8-90	ZSH0.8-90	90	75,60	77,20	20	22,00	8	6	50,06 €	45,37 €
SH0.8-100	ZSH0.8-100	100	84,00	85,60	20	22,00	8	8	55,68 €	50,59 €
SH0.8-120	ZSH0.8-120	120	100,80	102,40	20	30,00	10	10	73,55 €	81,67 €
SH0.8-140	ZSH0.8-140	140	117,60	119,20	20	30,00	10	10	96,35 €	102,36 €
SH0.8-150	-	150	126,00	127,60	30	-	12	-	111,38 €	-
↓	↓	**Gears available up to this size**								
SH0.8-164	**ZSH0.8-164**	**164**	**Dimensions: contact us**							

Dimensions in mm

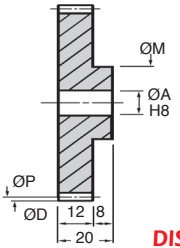
Module 1.0

Steel or machined Delrin

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication

For 50 teeth at 1000 rpm

	20NCD2 Z10CNF18.09	20NCD2 hardened	Brass	Delrin
Nm	**4.23**	16.74	2.12	1.0
kW	**0.44**	1.75	0.22	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM Boss SH	ØM Boss ZSH	ØA Bore SH	ØA Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH1-10	-	10	10,50	12,50	12	-	6	-	27,07 €	-
SH1-12	ZSH1-12	12	12,60	14,60	12	14	6	4	27,07 €	13,53 €
SH1-15	ZSH1-15	15	15,75	17,75	12	15	6	6	28,56 €	14,17 €
SH1-16	ZSH1-16	16	16,80	18,80	15	15	8	6	29,03 €	14,45 €
SH1-20	ZSH1-20	20	21,00	23,00	15	15	8	6	31,63 €	15,77 €
SH1-25	ZSH1-25	25	26,25	28,25	15	18	8	6	33,86 €	16,95 €
SH1-28	ZSH1-28	28	29,40	31,40	15	18	8	6	36,70 €	20,26 €
SH1-29	ZSH1-29	29	30,45	32,45	15	18	8	6	37,65 €	20,73 €
SH1-30	ZSH1-30	30	31,50	33,50	20	18	8	6	38,36 €	21,15 €
SH1-33	ZSH1-33	33	34,65	36,65	20	18	8	6	39,73 €	21,89 €
SH1-35	ZSH1-35	35	36,75	38,75	20	18	8	6	40,56 €	22,41 €
SH1-40	ZSH1-40	40	42,00	44,00	20	18	8	6	43,84 €	27,59 €
SH1-45	ZSH1-45	45	47,25	49,25	20	18	8	6	44,67 €	28,12 €
SH1-50	ZSH1-50	50	52,50	54,50	30	22	10	8	49,73 €	31,31 €
SH1-55	ZSH1-55	55	57,75	59,75	30	22	10	8	53,40 €	33,66 €
SH1-60	ZSH1-60	60	63,00	65,00	30	22	10	8	56,39 €	42,65 €
SH1-65	ZSH1-65	65	68,25	70,25	30	22	10	8	62,43 €	47,17 €
SH1-66	ZSH1-66	66	69,30	71,30	30	22	10	8	63,72 €	48,13 €
SH1-70	ZSH1-70	70	73,50	75,50	30	22	10	8	66,80 €	57,25 €
SH1-80	ZSH1-80	80	84,00	86,00	30	26	10	8	75,55 €	58,12 €
SH1-90	ZSH1-90	90	94,50	96,50	30	26	10	8	80,71 €	81,39 €
SH1-100	ZSH1-100	100	105,00	107,00	30	26	10	10	90,53 €	121,16 €
SH1-120	ZSH1-120	120	126,00	128,00	40	30	12	12	128,19 €	169,43 €
SH1-130	-	130	136,50	138,50	40	-	12	-	137,59 €	-
↓	↓	**Gears available up to this size**								
SH1-550	**ZSH1-550**	**550**	**Dimensions: contact us**							

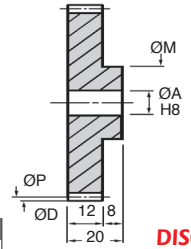
Dimensions in mm

Parallel axis helical gear

Steel or machined Delrin

Module 1.25

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic





Info.

Important: *a right handed gear only meshes with a left handed gear.*

Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**6.61**	*43.45*	*3.31*	*1.5*
kW	**0.69**	*4.55*	*0.34*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM Boss SH	ØM Boss ZSH	ØA Bore SH	ØA Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH1.25-10	-	10	13,13	15,63	12	-	6	-	34,95 €	-
SH1.25-15	ZSH1.25-15	15	19,69	22,19	12	15	6	5	38,01 €	19,09 €
SH1.25-18	ZSH1.25-18	18	23,63	26,13	15	16	8	6	41,35 €	20,73 €
SH1.25-20	ZSH1.25-20	20	26,25	28,75	15	16	8	6	43,56 €	21,80 €
SH1.25-21	ZSH1.25-21	21	27,56	30,06	15	18	8	6	44,13 €	24,33 €
SH1.25-25	ZSH1.25-25	25	32,81	35,31	15	18	8	6	46,74 €	25,73 €
SH1.25-30	ZSH1.25-30	30	39,38	41,88	25	18	8	6	53,58 €	29,63 €
SH1.25-35	ZSH1.25-35	35	45,94	48,44	25	18	8	6	58,99 €	37,06 €
SH1.25-37	ZSH1.25-37	37	45,56	51,06	25	18	8	6	60,30 €	45,49 €
SH1.25-40	ZSH1.25-40	40	52,50	55,00	30	22	10	8	62,26 €	47,08 €
SH1.25-45	ZSH1.25-45	45	59,06	61,56	30	22	10	8	63,59 €	54,50 €
SH1.25-50	ZSH1.25-50	50	65,63	68,13	30	22	10	8	66,41 €	56,88 €
SH1.25-55	ZSH1.25-55	55	72,19	74,69	30	26	10	10	69,25 €	59,33 €
SH1.25-60	ZSH1.25-60	60	78,75	81,25	30	26	10	10	80,02 €	72,61 €
SH1.25-65	ZSH1.25-65	65	85,31	87,81	30	26	10	10	84,89 €	77,05 €
SH1.25-70	ZSH1.25-70	70	91,88	94,38	30	26	10	10	89,53 €	90,31 €
SH1.25-76	ZSH1.25-76	76	99,75	102,25	30	30	10	10	92,55 €	102,57 €
SH1.25-80	ZSH1.25-80	80	105,00	107,50	30	30	10	10	102,27 €	113,62 €
SH1.25-88	ZSH1.25-88	88	115,50	118,00	30	30	10	10	113,27 €	125,72 €
SH1.25-90	ZSH1.25-90	90	118,13	120,63	40	30	12	12	114,30 €	138,60 €
SH1.25-96	ZSH1.25-96	96	126,00	128,50	30	30	10	12	131,42 €	158,36 €
SH1.25-100	ZSH1.25-100	100	131,25	133,75	40	30	12	12	133,58 €	181,82 €
SH1.25-120	-	120	157,50	160,00	50	-	15	-	158,17 €	-
SH1.25-130	-	130	170,63	173,13	50	-	15	-	176,30 €	-
↓	↓	**Gears available up to this size**								
SH1.25-135	**ZSH1.25-135**	**135**	**Dimensions: contact us**							

Dimensions in mm

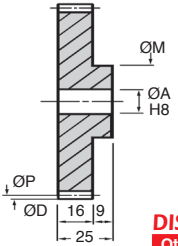
Module 1.5

Steel or machined Delrin

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**12.71**	*50.29*	*6.36*	*3.0*
kW	**1.34**	*5.27*	*0.66*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM Boss SH	ØM Boss ZSH	ØA Bore SH	ØA Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH1.5-10	ZSH1.5-10	10	15,75	18,75	18	18	8	6	35,02 €	17,55 €
SH1.5-15	ZSH1.5-15	15	23,63	26,63	18	20	8	8	36,32 €	18,23 €
SH1.5-16	ZSH1.5-16	16	25,20	28,20	20	20	10	8	37,20 €	18,58 €
SH1.5-20	ZSH1.5-20	20	31,50	34,50	20	25	10	8	42,90 €	23,71 €
SH1.5-23	ZSH1.5-23	23	36,23	39,23	20	25	10	8	44,59 €	26,51 €
SH1.5-25	ZSH1.5-25	25	39,38	42,38	25	25	12	8	47,47 €	29,85 €
SH1.5-26	ZSH1.5-26	26	40,95	43,95	25	25	12	8	49,71 €	31,63 €
SH1.5-30	ZSH1.5-30	30	47,25	50,25	25	25	12	8	55,27 €	34,68 €
SH1.5-31	ZSH1.5-31	31	48,83	51,83	25	28	12	10	56,00 €	35,32 €
SH1.5-32	ZSH1.5-32	32	50,40	53,40	25	28	12	10	57,19 €	36,07 €
SH1.5-38	ZSH1.5-38	38	59,85	62,85	30	28	15	10	64,55 €	49,61 €
SH1.5-40	ZSH1.5-40	40	63,00	66,00	40	30	15	12	67,52 €	51,06 €
SH1.5-45	ZSH1.5-45	45	70,88	73,88	40	30	15	12	68,90 €	52,05 €
SH1.5-50	ZSH1.5-50	50	78,75	81,75	40	30	15	12	82,40 €	70,64 €
SH1.5-56	ZSH1.5-56	56	88,20	91,20	40	30	15	12	89,23 €	81,07 €
SH1.5-60	ZSH1.5-60	60	94,50	97,50	40	30	15	12	91,50 €	92,26 €
SH1.5-66	ZSH1.5-66	66	103,95	106,95	40	40	15	12	100,29 €	101,24 €
SH1.5-70	ZSH1.5-70	70	110,25	113,25	40	40	15	12	106,27 €	107,34 €
SH1.5-75	ZSH1.5-75	75	118,13	121,13	40	40	15	12	119,60 €	140,06 €
SH1.5-80	ZSH1.5-80	80	126,00	129,00	40	40	15	12	130,91 €	155,00 €
SH1.5-90	ZSH1.5-90	90	141,75	144,75	40	40	15	12	150,75 €	206,70 €
SH1.5-100	ZSH1.5-100	100	157,50	160,50	40	50	15	15	181,58 €	265,47 €
SH1.5-110	-	110	173,25	176,25	40	-	15	-	208,95 €	-
SH1.5-115	-	115	181,13	184,13	40	-	15	-	232,85 €	-
SH1.5-120	-	120	189,00	192,00	40	-	15	-	260,11 €	-
↓	↓	**Gears available up to this size**								
SH1.5-280	**ZSH1.5-280**	**280**	**dimensions: contact us**							

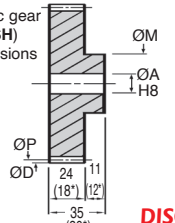
Dimensions in mm

Parallel axis helical gear

Steel or machined Delrin

Module 2.0

- ***Gears are in permanent contact***
- ***Reduced noise***
- *Pressure angle 20°*
- *Material: Steel 20NCD2 or Delrin plastic*





Info.

Important: *a right handed gear only meshes with a left handed gear.*

Torque and power indication For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**33.89**	*134.0*	*16.94*	*8.0*
kW	**3.56**	*14.0*	*1.78*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Part number Delrin	Z Teeth	ØP PCD	ØD External	ØM Boss SH	ØM Boss ZSH	ØA Bore SH	ØA Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH2-10	ZSH2-10	10	21,00	25,00	25	24	12	10	45,54 €	22,80 €
SH2-15	ZSH2-15	15	31,50	35,50	25	25	15	12	53,71 €	29,71 €
SH2-18	ZSH2-18	18	37,80	41,80	30	30	15	12	59,13 €	32,76 €
SH2-20	ZSH2-20	20	42,00	46,00	30	30	15	12	61,86 €	38,95 €
SH2-22	ZSH2-22	22	46,20	50,20	35	30	15	12	64,68 €	40,76 €
SH2-24	ZSH2-24	24	50,40	54,40	35	30	15	12	67,52 €	51,06 €
SH2-25	ZSH2-25	25	52,50	56,50	35	30	15	12	71,19 €	53,77 €
SH2-30	ZSH2-30	30	63,00	67,00	40	30	20	12	81,28 €	69,71 €
SH2-32	ZSH2-32	32	67,20	71,20	40	30	20	12	88,30 €	75,70 €
SH2-35	ZSH2-35	35	73,50	77,50	50	30	20	12	97,58 €	88,51 €
SH2-40	ZSH2-40	40	84,00	88,00	50	35	20	12	111,48 €	101,24 €
SH2-45	ZSH2-45	45	94,50	98,50	50	35	20	15	120,04 €	121,09 €
SH2-48	ZSH2-48	48	100,80	104,80	50	35	20	15	129,24 €	143,52 €
SH2-50	ZSH2-50	50	105,00	109,00	50	35	20	15	138,27 €	153,52 €
SH2-55	ZSH2-55	55	115,50	119,50	50	35	20	15	161,99 €	179,79 €
SH2-56	ZSH2-56	56	117,60	121,60	50	35	20	15	165,45 €	200,39 €
SH2-60	ZSH2-60	60	126,00	130,00	50	35	20	15	176,18 €	213,87 €
SH2-65	ZSH2-65	65	136,50	140,50	50	40	20	15	193,61 €	254,04 €
SH2-70	ZSH2-70	70	147,00	151,00	50	40	20	15	204,89 €	268,84 €
SH2-75	ZSH2-75	75	157,50	161,50	50	50	20	15	253,49 €	385,05 €
SH2-80	-	80	168,00	172,00	50	-	20	-	307,02 €	-
SH2-90	-	90	189,00	193,00	50	-	20	-	366,51 €	-
SH2-100	-	100	210,00	214,00	50	-	20	-	455,60 €	-
SH2-110	-	110	231,00	235,00	50	-	20	-	504,98 €	-
SH2-120	-	120	252,00	256,00	50	-	20	-	586,78 €	-
↓	↓	**Gears available up to this size**								
SH2-280	**ZSH2-280**	**280**		**dimensions: contact us**						

Dimensions in mm

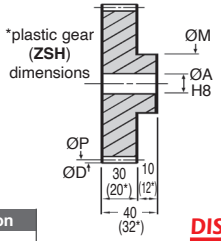
Module 2.5

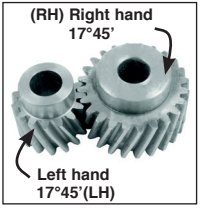
Steel or machined Delrin

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**66.17**	*261.7*	*33.0*	*12.0*
kW	**6.94**	*27.4*	*3.5*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number		Z	ØP	ØD	ØM Boss		ØA Bore		Price each 1 to 5	
Steel	Plastic	Teeth	PCD	External	SH	ZSH	SH	ZSH	SH	ZSH
SH2.5-10	ZSH2.5-10	10	26,25	31,25	30	30	12	10	62,71 €	34,96 €
SH2.5-15	ZSH2.5-15	15	39,38	44,38	30	30	15	12	71,28 €	42,33 €
SH2.5-20	ZSH2.5-20	20	52,50	57,50	40	30	20	12	84,90 €	64,22 €
SH2.5-22	ZSH2.5-22	22	57,75	62,75	40	30	20	12	90,06 €	77,11 €
SH2.5-25	ZSH2.5-25	25	65,63	70,63	40	30	20	12	100,18 €	85,87 €
SH2.5-26	ZSH2.5-26	26	68,25	73,25	45	30	20	12	105,27 €	90,26 €
SH2.5-30	ZSH2.5-30	30	78,75	83,75	45	45	20	15	117,84 €	107,06 €
SH2.5-35	ZSH2.5-35	35	91,88	96,88	45	45	20	15	132,43 €	133,68 €
SH2.5-36	ZSH2.5-36	36	94,50	99,50	45	45	20	17	139,59 €	140,79 €
SH2.5-40	ZSH2.5-40	40	105,00	110,00	50	45	20	17	151,29 €	152,62 €
SH2.5-45	ZSH2.5-45	45	118,13	123,13	50	45	20	17	162,93 €	180,77 €
SH2.5-46	ZSH2.5-46	46	120,75	125,75	50	45	20	17	166,65 €	185,01 €
SH2.5-50	ZSH2.5-50	50	131,25	136,25	50	45	20	17	184,15 €	204,36 €
SH2.5-53	ZSH2.5-53	53	139,13	144,13	50	45	20	17	190,07 €	230,27 €
SH2.5-55	ZSH2.5-55	55	144,38	149,38	50	45	20	17	210,82 €	254,87 €
SH2.5-57	ZSH2.5-57	57	149,63	154,63	50	60	20	20	218,43 €	264,48 €
SH2.5-60	ZSH2.5-60	60	157,50	162,50	50	60	20	20	228,58 €	340,28 €
SH2.5-65	ZSH2.5-65	65	170,63	175,63	50	60	20	20	313,08 €	453,10 €
SH2.5-70	ZSH2.5-70	70	183,75	188,75	50	60	20	20	381,26 €	532,02 €
SH2.5-75	ZSH2.5-75	75	196,88	201,88	50	60	20	20	480,17 €	1 006,20 €
SH2.5-80	-	80	210,00	215,00	50	-	20	-	515,79 €	-
SH2.5-90	-	90	236,25	241,25	50	-	20	-	574,99 €	-
SH2.5-100	-	100	262,50	267,50	50	-	20	-	734,55 €	-
SH2.5-110	-	110	288,75	293,75	50	-	20	-	845,69 €	-
↓	↓	**Gears available up to this size**								
SH2.5-220	**ZSH2.5-220**	**220**	**Dimensions: contact us**							

Dimensions in mm

Parallel axis helical gear

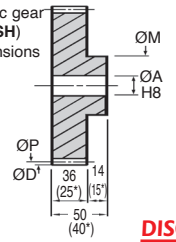
Steel or machined Delrin

Module 3.0

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication				
For 50 teeth at 1000 rpm				
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*Brass*	*Delrin*
Nm	**114.2**	*451.9*	*57.12*	*20.00*
kW	**11.9**	*47.4*	*5.98*	-

DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number Steel	Plastic	Z Teeth	ØP PCD	ØD External	ØM Boss SH	ØM Boss ZSH	ØA Bore SH	ØA Bore ZSH	Price each 1 to 5 SH	Price each 1 to 5 ZSH
SH3-10	ZSH3-10	10	31,50	37,50	30	36	15	12	77,56 €	42,90 €
SH3-15	ZSH3-15	15	47,25	53,25	30	40	20	15	86,29 €	54,24 €
SH3-18	ZSH3-18	18	56,70	62,70	40	40	20	15	101,94 €	77,05 €
SH3-20	ZSH3-20	20	63,00	69,00	50	40	25	15	109,03 €	93,59 €
SH3-22	ZSH3-22	22	69,30	75,30	50	40	25	15	116,68 €	100,09 €
SH3-25	ZSH3-25	25	78,75	84,75	50	40	25	15	131,17 €	119,09 €
SH3-27	ZSH3-27	27	85,05	91,05	50	50	25	20	141,93 €	128,80 €
SH3-30	ZSH3-30	30	94,50	100,50	50	50	25	20	157,38 €	158,74 €
SH3-35	ZSH3-35	35	110,25	116,25	60	50	25	20	195,53 €	217,11 €
SH3-40	ZSH3-40	40	126,00	132,00	60	50	25	20	215,88 €	261,41 €
SH3-45	ZSH3-45	45	141,75	147,75	60	60	25	20	318,99 €	387,31 €
SH3-50	ZSH3-50	50	157,50	163,50	60	60	25	20	353,16 €	532,17 €
SH3-54	ZSH3-54	54	170,10	176,10	60	70	25	20	402,67 €	611,41 €
SH3-55	ZSH3-55	55	173,25	179,25	60	70	25	20	421,81 €	618,38 €
SH3-60	ZSH3-60	60	189,00	195,00	60	70	25	20	467,57 €	709,88 €
SH3-61	-	61	192,15	198,15	60	-	25	-	480,30 €	-
SH3-62	-	62	195,30	201,30	60	-	25	-	492,92 €	-
SH3-65	-	65	204,75	210,75	60	-	25	-	520,13 €	-
SH3-70	-	70	220,50	226,50	60	-	25	-	601,61 €	-
SH3-75	-	75	236,25	242,25	60	-	25	-	668,85 €	-
SH3-80	-	80	252,00	258,00	60	-	25	-	746,31 €	-
SH3-90	-	90	283,50	289,50	60	-	25	-	982,19 €	-
SH3-92	-	92	289,80	295,80	60	-	25	-	1 012,80 €	-
SH3-95	-	95	299,25	305,25	60	-	25	-	1 122,78 €	-
↓	↓	**Gears available up to this size**								
SH3-180	**ZSH3-180**	**180**		**Dimensions: contact us**						

Dimensions in mm

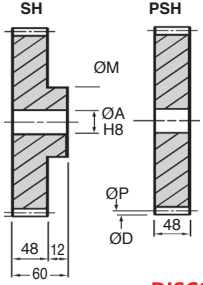
Module 4.0

Steel

- **Gears are in permanent contact**
- **Reduced noise**
- Pressure angle 20°
- Material: Steel 20NCD2

Info.

Important: *a right handed gear only meshes with a left handed gear.*





Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	*20NCD2 hardened*	*brass*
Nm	**338**	*1340*	*169*
kW	**35**	*140*	*17*

DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

Part number	Z Teeth	ØP PCD	ØD External	ØM Boss	ØA Bore	Price each 1 to 5 SH	PSH
SH4-10	10	42,00	50,00	40	20	106,52 €	On request
SH4-12	12	50,40	58,40	40	20	106,52 €	
SH4-14	14	58,80	66,80	40	20	123,04 €	
SH4-15	15	63,00	71,00	40	25	139,59 €	
SH4-18	18	75,60	83,60	50	25	171,36 €	
SH4-20	20	84,00	92,00	50	25	184,15 €	
SH4-24	24	100,80	108,80	50	25	211,25 €	
SH4-25	25	105,00	113,00	80	30	219,60 €	
SH4-28	28	117,60	125,60	80	30	247,71 €	
SH4-30	30	126,00	134,00	80	30	265,89 €	
SH4-34	34	142,80	150,80	80	30	342,92 €	
SH4-35	35	147,00	155,00	80	30	368,40 €	
SH4-36	36	151,20	159,20	80	30	393,75 €	
SH4-40	40	168,00	176,00	80	30	464,35 €	
SH4-45	45	189,00	197,00	80	30	550,20 €	
SH4-46	46	193,20	201,20	80	30	556,56 €	
SH4-50	50	210,00	218,00	80	30	594,69 €	
SH4-55	55	231,00	239,00	80	30	724,77 €	
SH4-56	56	235,20	243,20	80	30	767,43 €	
SH4-60	60	252,00	260,00	80	30	848,70 €	
SH4-65	65	273,00	281,00	80	30	1 123,72 €	
SH4-68	68	285,60	293,60	80	30	1 239,05 €	
SH4-70	70	294,00	302,00	80	30	1 298,08 €	
SH4-72	72	302,40	310,40	80	30	1 405,54 €	
↓	↓	**Gears available up to this size**					
SH4-135	**135**	**Dimensions: contact us**					

Dimensions in mm