

Crossed helical gear crossed axis à 90° 90°

Module

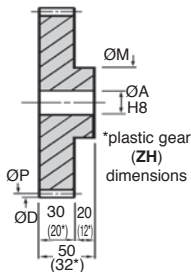
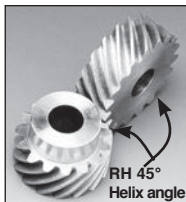
Steel or **machined** plastic

3.0

- Power transferred through 90°
- Teeth are angled at 45° to the right
- Pressure angle 20°
- Material: Steel 20NCD2 or delrin plastic

Info.

Important: A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication

For 50 teeth at 1000 rpm

	20NCD2 Z10CNF18.09	20NCD2 hardened	delrin
Nm	16.17	106.3	5.0
kW	1.69	11.17	-

Steel DISCOUNTS

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

Plastic DISCOUNTS

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	Outside	H	ZH	H	ZH	H	ZH
H3-9	ZH3-9	9	42,43	48,43	34	36	20	15	50,60	€ 28,43
H3-10	ZH3-10	10	42,43	48,43	34	40	20	15	54,44	€ 34,34
H3-15	ZH3-15	15	63,64	69,64	50	48	25	15	73,54	€ 63,09
H3-16	ZH3-16	16	67,88	73,88	50	48	25	15	75,84	€ 65,04
H3-20	ZH3-20	20	84,85	90,85	60	60	25	20	95,79	€ 86,97
H3-25	ZH3-25	25	106,07	112,07	60	60	25	20	128,12	€ 133,21
H3-26	ZH3-26	26	110,31	116,31	60	60	25	20	130,58	€ 145,29
H3-30	ZH3-30	30	127,28	133,28	60	60	25	20	153,81	€ 185,52
H3-34	ZH3-34	34	144,25	150,25	60	60	25	20	214,67	€ 239,83
H3-35	ZH3-35	35	148,49	154,49	60	60	25	20	222,78	€ 239,83
H3-36	ZH3-36	36	152,74	158,74	60	60	25	20	230,52	€ 291,08
H3-40	ZH3-40	40	169,71	175,71	60	80	25	20	274,52	€ 338,22
H3-45	ZH3-45	45	190,92	196,92	60	80	25	20	326,13	€ 420,23
H3-46	ZH3-46	46	195,16	201,16	60	80	25	20	351,25	€ 666,22
H3-50	ZH3-50	50	212,13	218,13	60	80	25	20	391,58	€ 666,22
H3-55	-	55	233,35	239,35	60	-	25	-	447,82	€ -
H3-56	-	56	237,59	243,59	60	-	25	-	470,60	€ -
H3-60	-	60	254,56	260,56	60	-	25	-	562,38	€ -
H3-65	-	65	275,77	281,77	60	-	25	-	638,60	€ -
H3-68	-	68	288,50	294,50	60	-	25	-	669,54	€ -
H3-70	-	70	296,98	302,98	60	-	25	-	689,79	€ -
H3-76	-	76	322,44	328,44	60	-	25	-	754,25	€ -
H3-80	-	80	339,41	345,41	60	-	25	-	815,52	€ -
H3-86	-	86	364,87	370,87	60	-	25	-	921,32	€ -
H3-90	-	90	381,84	387,84	60	-	25	-	986,78	€ -

Gears available up to this size

H3-140	ZH3-140	140	Dimensions: contact us		on request	on request
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Dimensions in mm

Our other products



Actuator guide kit,
Long housing



Idle sprocket for slat
top chain, Range 880



Articulated foot Ø40,
Ø 40



Self-centering
clamping hub steel,
Without locknut



Locking castor, with
central hole



Telescopic drawer,



Swivel castor with
double brake,
Polyurethane -
Aluminium rim (Free



Adjustment bushing
for half-rail guide,
Adjustment bushing



Protective cap, Safety
cap



Indexing plunger -
Spacer, Spacer for
SLB and SLBS index



Single housed
bearing, Bearing fitted
with adhesive



Bearing housing for
miniature ballscrew,
Bearing housing

Complementary products



Crossed helical gear
crossed axis at 90°,
Machined plastic
(delrin)