

4.1 Order description

Standard gear racks

Standard gear racks			___	ZST	M6	- 59x49x1000	-S	-I	-6	-D
Quantity										
Model	ZST									
Tooth rack	M ___	modular								
	T ___	metric, in mm								
Size	b x h _k x L _i	in mm								
Tooth rack	S	inclined to the right, 19.5283°								
	G	straight								
Hardness	C	Material 16MnCr5, case hardened								
	I	Material C45, induction hardened								
	W	Material C45, soft								
	N	Material 42CrMo4+QT, nitrided								
	V	Material 42CrMo4+QT, tempered								
	H	Material X90CrMoV18 (stainless steel), through hardened								
Accuracy	4, 5, 6, 7	ground								
	8	milled, soft								
	9	ground, nitrided								
	11	milled, induction hardened								
Drilled holes	D	with pin and fixing holes			Fig. 1					
	OP	without pin holes			Fig. 2					
	OH	without holes			Fig. 3					

Standard assembly tool

Standard assembly tool			—	MST	M6	-	-SL
Quantity							
Model	MST						
Tooth rack	M —	modular					
	T —	metric, in mm					
Grösse	b x h _k x L _i	in mm					
Tooth rack	SL	inclined to the left, 19.5283°					
	G	straight					

4.1 Order description

Customised gear racks

Customised gear racks			___	ZST	M4	- 60x50x1820	-SL	-C	-5	-DX	-sp
Quantity											
Model		ZST									
Tooth rack	M ___	modular									
	T ___	metric, in mm									
Size		b x h _k x L _i		in mm							
Tooth rack	S	inclined to the right									
	SL	inclined to the left									
	G	straight									
Hardness	C	Material 16MnCr5, case hardened									
	O	Material 16 MnCr5, nitrided									
	I	Material C45, induction hardened									
	W	Material C45, soft									
	M	Material 42CrMo4+QT induction hardened									
	N	Material 42CrMo4+QT, nitrided									
	V	Material 42CrMo4+QT, tempered									
	H	Material X90CrMoV18 (stainless steel), through hardened									
	S	special material									
Accuracy	4, 5, 6, 7	ground									
	8	milled, soft									
	9	ground, nitrided									
	10, 11	milled, induction hardened									
Drilled holes	D	with pin and fixing holes				Fig. 1					
	OP	without pin holes				Fig. 2					
	OH	without holes				Fig. 3					
	X	half hole pitch (l _x = ½ * l)									
Special features	sp	with special features as in the drawing									

Customised assembly tool			___	MST	M4		-SR	-sp
Quantity								
Model		MST						
Tooth rack	M	modular						
	T	metric, in mm						
Size	b x h _k x L _i		in mm					
Tooth rack	SL		inclined to the left					
	SR		inclined to the right					
	G		straight					
Special features	sp		with special features as in the drawing					