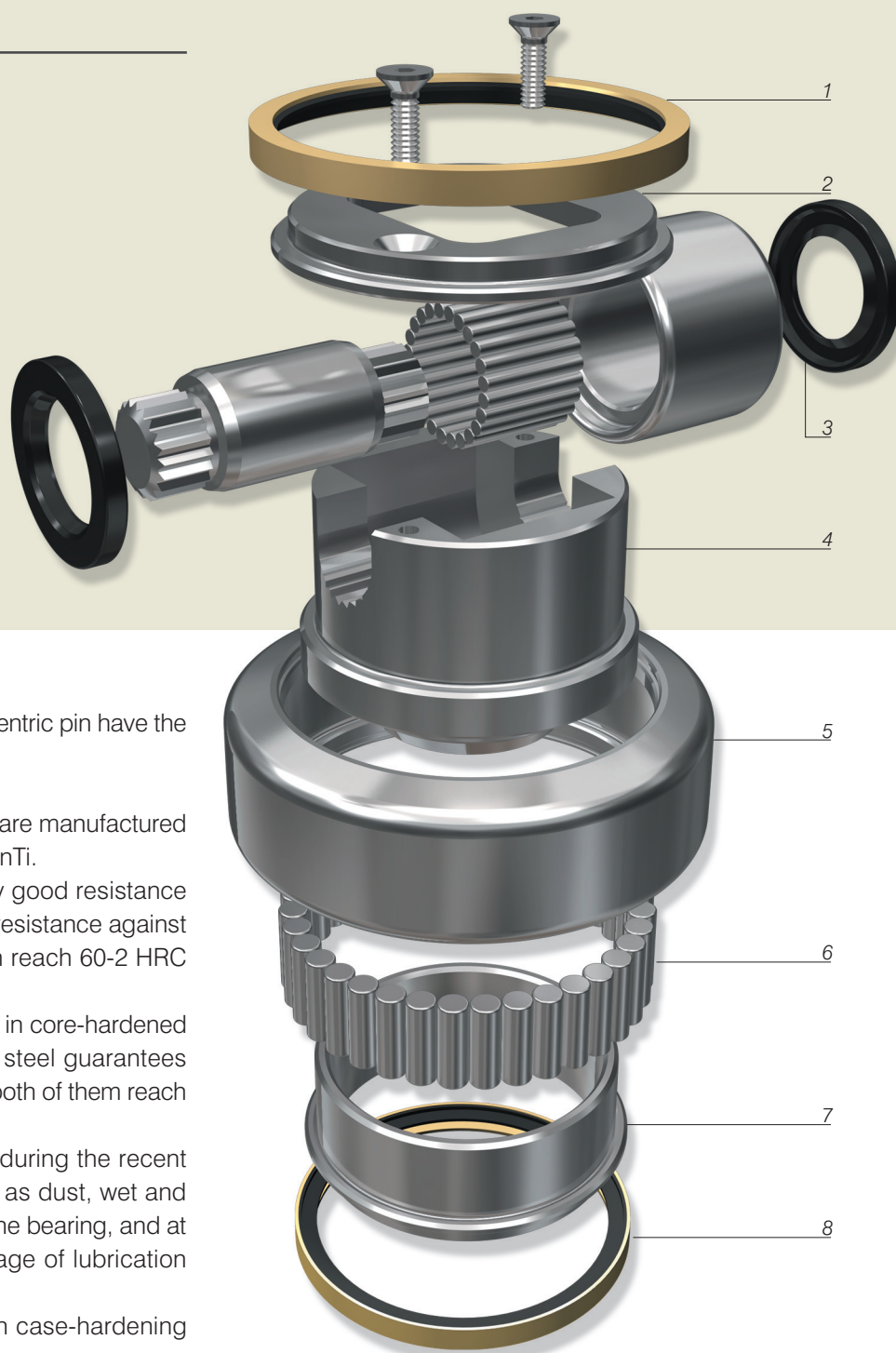


ADJUSTABLE COMBINED BEARINGS WITH ECCENTRIC PIN

1. ZRS SEAL RING
2. SUPPORT THRUST RING
3. AXIAL PART
4. PIVOT
5. OUTER RING
6. CYLINDRICAL ROLLERS
7. INNER RING
8. ZRS SEAL RING



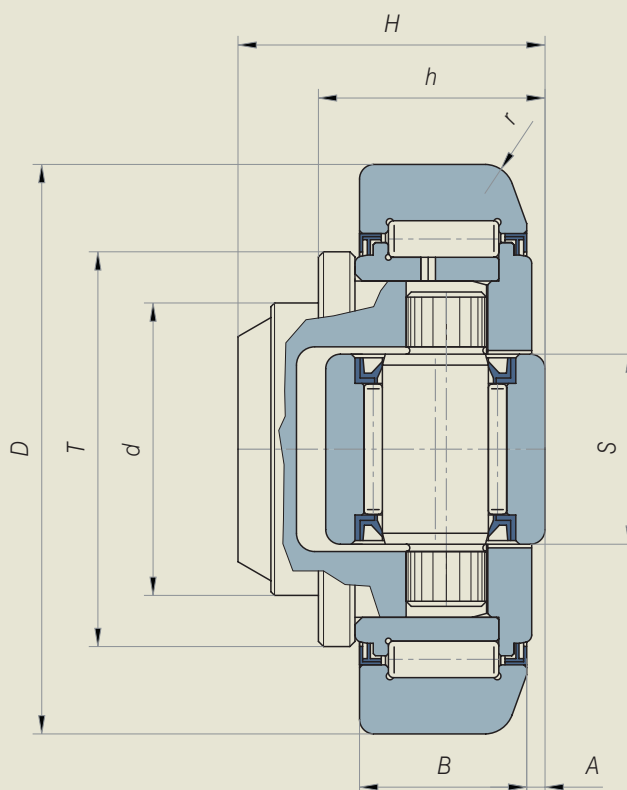
Adjustable combined bearings with eccentric pin have the following technical characteristics:

- The outer ring and the axial little roll are manufactured in case-hardening steel type 20CrMnTi. This kind of steel guarantees a very good resistance to stress, and assures a very good resistance against crashes. The surface hardness can reach 60-2 HRC for the both of them.
- Inner ring and pin are manufactured in core-hardened 100 Cr6 steel. The total-hardening steel guarantees high resistance to wear and stress; both of them reach 60-2 HRC hardness value.
- ZRS seal system, realized by C.R. during the recent years, prevents outer agents, such as dust, wet and mill scale, to enter the inner part of the bearing, and at the same time it prevents the leakage of lubrication grease.
- The thrust cover is manufactured in case-hardening steel as well.
- The central pivot is made in low carbon C20/C45 steel, which guarantees high resistance and is highly suitable for welding.

ADJUSTABLE COMBINED BEARINGS WITH ECCENTRIC PIN

Adjustable combined bearings with eccentric pin have the same characteristics as adjustable combined bearings.

In this case, the adjusting of the distance is made through the rotation of the whole axial part (pin and little roll) in the central pivot.



C.R. ref.	d	T	D	H	$h_{min.}$	$h_{max.}$	B	A	S	r	C	C_0	C_a	C_{0a}	PROFILE
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	KN	KN	
4.0454	30	42	62	37,5	30,5	32	20	4	20	3	31	35,5	16	25	2890
4.0455	35	48	70,1	44	36	37,5	23	4	20	4	45,5	51	16	25	2867
4.0456	40	54	77,7	48	37	38,5	23	3,5	26	4	48	56,8	23	36	2810
4.0458	45	59	88,4	57	44	45,5	30	4	26	4	68	72	23	36	2811
4.0461	60	69	107,7	69	55	57	31	4	30	5	81	95	32	50	2862
4.0462*	60	80	123	72,3	56	60	37	4,5	34	5	110	132	41	72	2891
4.0463*	60	108	149	78,5	58,5	62,5	45	6	34	3	151	192	41	72	2757

THE BEARINGS ARE IN ZRS EXECUTION.

C : Dynamic load

C_0 : Static load

C_a : Dynamic axial load

C_{0a} : Static axial load

The adjusting of dimension "A" can be made through the rotation of the axial pivot.

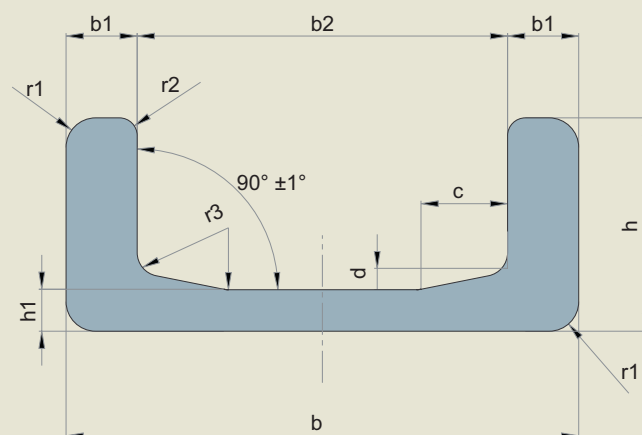
* "JUMBO" EXECUTION

“U” STANDARD LIFT GUIDES

“U” standard lift guides are used in different industrial fields: fork lift masts, food industry, car industry, ceramic industry, machine tool industry.

Normally small and medium size combined bearings are used inside these guides.

They are manufactured in ST 52.3 steel.



C.R. ref.	Dimensions													WEIGHT Wx		
	(b)	b1	Tol.	b2	Tol.	h	Tol.	h1	Tol.	c	d	r1	r2	r3	Kg/m	Cm ³
EC 053	65	6	±0,5	53	±0,4	30	±0,5	6	±0,5	4	4	6	4	*	5,3	11,9
2890	86,5	12	±0,5	62,5	+1	36	±0,8	7	±0,5	15	3	≤6	2-3	4	10,5	32
2867	103,2	16,2	±0,5	70,8	±0,5	40	±0,8	7,7	±0,5	15	3	≤6	2-3	5	14,8	53
2810	121,3	21,3	±0,5	78,7	±0,5	41	±0,8	10,8	±0,5	15	5	≤6	2-3	5	20,9	81
2811	135,4	23	±0,5	89,4	±0,5	53	±0,8	12,7	±0,5	15	5	≤6	2-3	5	28,6	128
2862	157,2	24,4	±0,5	108,4	±0,5	61,2	±0,8	14	±0,5	15	5	≤6	2-3	5	35,9	190
2891	175	25,6	±0,5	123,8	±0,5	66,2	±0,8	16,2	±0,5	15	5	≤6	2-3	5	42,9	250
2757	201,5	25,7	±0,5	150,1	±0,5	71,2	±0,8	19,4	±0,5	20	5	≤8	2-3	6	52,3	340

Material: UNI Fe 510 C – DIN St 52.3

The profiles can be cut on request of the customer, maximum length is 12 m.