KIS Antriebstechnik GmbH & Co. KG
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Produktkatalog – Catálogo de productos – Catalogo dei prodotti
Catalogue produits – Productcatalogus – Product Catalogue



Die ganze Welt
der Wälzlager

Die ganze Welt der Wälzlager

Wir sorgen für Antrieb. Denn die KIS Antriebstechnik GmbH & Co. KG ist einer der größten und leistungsfähigsten Wälzlagerlieferanten in Europa.

Unser bestens bestücktes Hochregallager mit einer großen Auswahl an Präzisionswälzlagern sowie der zentrale Unternehmensstandort im Herzen Europas garantieren kürzeste Lieferzeiten für Ihre Aufträge. Und selbstverständlich erhalten Sie auch das passende Zubehör als perfekt aufeinander abgestimmte Einzel-Komponenten für die Erfordernisse Ihrer Antriebstechnik. Unser Zubehörsortiment für KIS Wälzlager reicht von Abziehhülsen über Spannhülsen, Muttern, Sicherungsblechen und Sicherungsbügeln bis zu Winkelblechen. In diesem Produktkatalog finden Sie eine vollständige Übersicht aller KIS Artikel.

Und weil nicht jede Anforderung im Produktionsalltag mit einem Standardwälzlager zu erfüllen ist, bieten wir individuelle Spezialanfertigungen nach Ihrer Konstruktionszeichnung. Unabhängig davon, ob Sie eine Standard- oder eine Sonderlösung benötigen, gilt gleichermaßen: KIS bürgt für echte High-Tech-Qualität.

The whole world of anti-friction bearings

We keep things moving. KIS Antriebstechnik GmbH & Co. KG is one of Europe's largest and most efficient suppliers of anti-friction bearings.

Our high-bay warehouse with its comprehensive stock of precision anti-friction bearings and accessories and the central location of our company at the heart of Europe mean that we can guarantee the shortest possible delivery times for your bearings. Of course we also offer a full range of accessories, individual components precisely tailored to the requirements of your drive systems. Our portfolio of accessories for KIS anti-friction bearings ranges from extraction and tightening sleeves to nuts, lock washers, locking clamps and angle rings. This catalogue provides a full overview of all KIS products.

As standard bearings cannot meet all the requirements posed by day-to-day production activities, we also offer special solutions produced in accordance with your design drawings. Whether you need standard bearings or a special solution, you can be sure of high-tech quality with KIS.



Unsere Spezialität

Unser Spezialgebiet sind Großlager.
Hier liefern wir Ihnen 500 mm und
größere Bohrungen.

Und das in kürzester Lieferzeit.

Gerne unterbreiten wir Ihnen ein Angebot!



Our Speciality

Our special subject are large-sized bearings.
We supply bore diameters of
500 mm and more.

And within shortest delivery time.

We would like to submit you an offer!

Pendelrollenlager /
Spherical Roller Bearings

Dimensions in accordance with ISO 15-1981

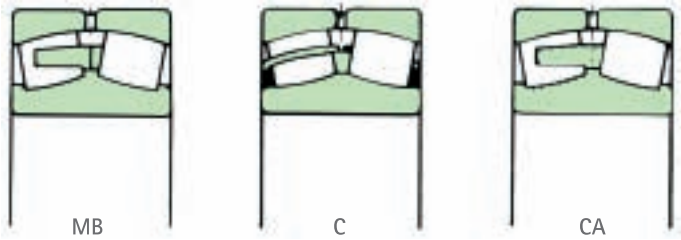
Bearing series	Angular misalignment degrees
213	1°
222	1.5°
223	2°
230	1.5°
231	1.5°
232	2.5°
239	1.5°
240	2°
241	2.5°

Misalignment:

The table above give figures for permitted misalignment in the different bearing series.

Spherical roller bearings are designed to provide for heavy loads, shaft misalignment and deflection. They contain two symmetrical or asymmetrical rows of barrel-shaped rollers which align themselves in the outer race sphered track. They are therefore able to carry very heavy radial loads and axial loads in either direction.

Roller guidance is achieved by the fixed flange for MB design, or floating flange of the inner race on design C, CA and CB. See technical section for further information.



Roller guidance designs

The sketches above show four types of roller guidance.

MB – Rollers are asymmetrical with two-sided solid brass cage guided on the centre rib of inner race. ***(by standard with two-sided cage of brass)***

C – Rollers are asymmetrical guided by sheet metal cage with floating centre rib. ***(by standard with cage of sheet steel)***

CA – Rollers are symmetrical with one-sided solid brass cage, floating guided centre rib and side shoulders. ***(by standard with one-sided cage of brass)***

All KIS sphericals have the W33 feature.

Tolerances

Spherical roller bearings with cylindrical and tapered bore are genereally manufactured to "PO" precision class.

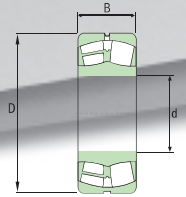
Radial Clearance

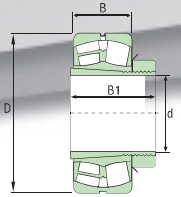
Spherical roller bearings are generally manufactured to normal C0, C2, C3, C4 and C5 clearances.

Heat treatment

Spherical roller bearings with outside diameter D > 240 mm of all series given in this catalogue can be used up to an operating temperature of + 200°C. Small sized bearings operate normally at temperatures up to + 120°C.





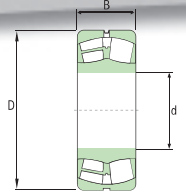


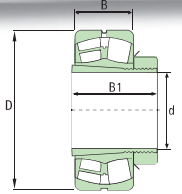
Pendelrollenlager / Spherical Roller Bearings

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Adapter Sleeves page 34

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 213 / Series 213				
21307	35	80	21	0,529
21308	40	90	23	0,700
21309	45	100	25	0,940
21310	50	110	27	1,20
21311	55	120	29	1,60
21312	60	130	31	1,90
21313	65	140	33	2,45
21314	70	150	35	3,00
21315	75	160	37	3,55
21316	80	170	39	4,25
21317	85	180	41	5,10
21318	90	190	43	5,80
21319	95	200	45	7,43
21322	110	240	50	12
Serie 222 / Series 222				
22205	25	52	18	0,180
22206	30	62	20	0,280
22207	35	72	23	0,430
22208	40	80	23	0,520
22209	45	85	23	0,560
22210	50	90	23	0,610
22211	55	100	25	0,820
22212	60	110	28	1,16
22213	65	120	31	1,45
22214	70	125	31	1,55
22215	75	130	31	1,65
22216	80	140	33	2,05
22217	85	150	36	2,57
22218	90	160	40	3,40
22219	95	170	43	4,26
22220	100	180	46	5,24
22222	110	200	53	7,45
22224	120	215	58	8,70
22226	130	230	64	14,0
22228	140	250	68	14,4
22230	150	270	73	18,8
22232	160	290	80	24,9
22234	170	310	86	31,7
22236	180	320	86	33,1
22238	190	340	92	40,0
22240	200	360	98	45,0
22244	220	400	108	63,0
22248	240	440	120	80
22252	260	480	130	107



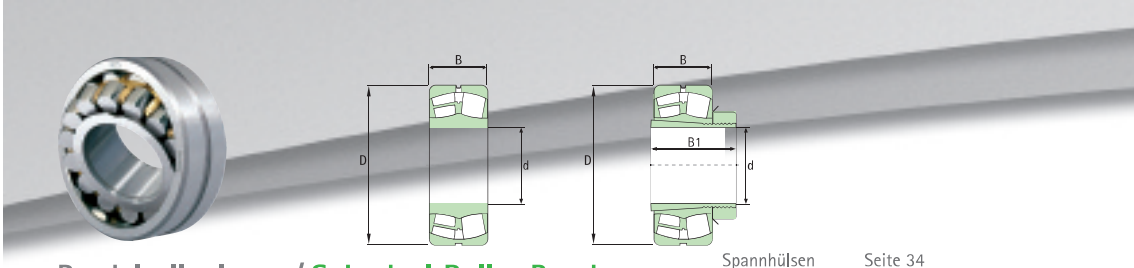




Pendelrollenlager / Spherical Roller Bearings

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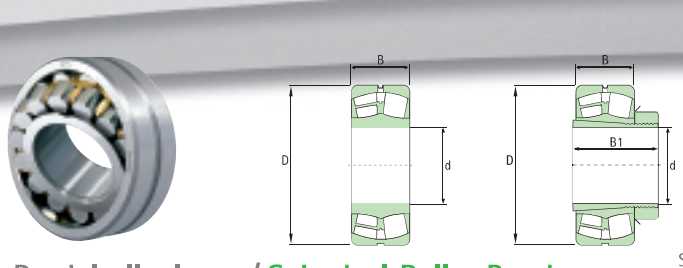
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 222 / Series 222				
22256	280	500	130	113
22260	300	540	140	142
22264	320	580	150	180
22272	360	650	170	255
Serie 223 / Series 223				
22308	40	90	33	1,10
22309	45	100	36	1,35
22310	50	110	40	1,85
22311	55	120	43	2,35
22312	60	130	46	2,95
22313	65	140	48	3,55
22314	70	150	51	4,35
22315	75	160	55	5,25
22316	80	170	58	6,29
22317	85	180	60	8,59
22318	90	190	64	8,70
22319	95	200	67	11,3
22320	100	215	73	13,2
22322	110	240	80	18,0
22324	120	260	86	24,5
22326	130	280	93	34,2
22328	140	300	102	45,7
22330	150	320	108	44,6
22332	160	340	114	52,6
22334	170	360	120	65,3
22336	180	380	126	69,0
22338	190	400	132	84,8
22340	200	420	138	95,0
22344	220	460	145	114,7
22348	240	500	155	151
22352	260	540	165	187
22364	320	670	200	339
22380	400	820	243	645



Pendelrollenlager / Spherical Roller Bearings

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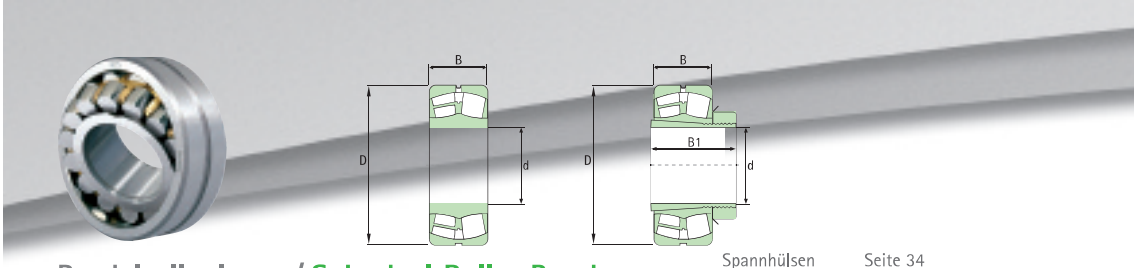
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 230 / Series 230				
23022	110	170	45	3,75
23024	120	180	46	4,25
23026	130	200	52	4,59
23028	140	210	53	7,20
23030	150	225	56	8,57
23032	160	240	60	10,4
23034	170	260	67	14,2
23036	180	280	74	19,8
23038	190	290	75	19,8
23040	200	310	82	23,5
23044	220	340	90	30,5
23048	240	360	92	32,4
23052	260	400	104	45,9
23056	280	420	106	50,7
23060	300	460	118	69,2
23064	320	480	121	79,5
23068	340	520	133	106
23072	360	540	134	110
23076	380	560	135	115
23080	400	600	148	150
23084	420	620	150	155
23096	480	700	165	215
Serie 231 / Series 231				
23120	100	165	52	4,50
23122	110	180	56	6,26
23124	120	200	62	7,80
23126	130	210	64	9,70
23128	140	225	68	11,8
23130	150	250	80	16,3
23132	160	270	86	22,9
23134	170	280	88	27,3
23136	180	300	96	30,6
23138	190	320	104	35,6
23140	200	340	112	43,5
23144	220	370	120	54,5
23148	240	400	128	63,85
23152	260	440	144	88,3
23156	280	460	146	95,6
23160	300	500	160	127
23164	320	540	176	165
23168	340	580	190	212
23172	360	600	192	220
23176	380	620	194	240
23180	400	650	200	265
23192	460	760	240	441
23196	480	790	248	485



Pendelrollenlager / Spherical Roller Bearings

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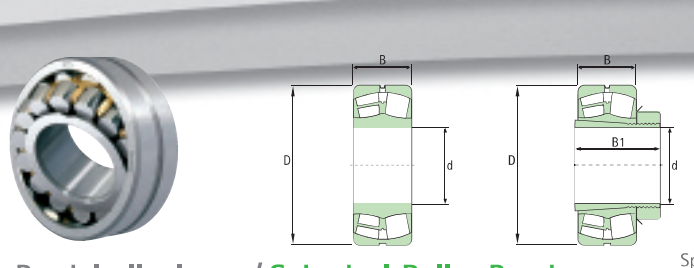
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 232 / Series 232				
23218	90	160	52.4	4,60
23220	100	180	60.3	7,34
23222	110	200	69.8	10,8
23224	120	215	76	13,1
23226	130	230	80	15,8
23228	140	250	88	20,8
23230	150	270	96	24,5
23232	160	290	104	31,7
23234	170	310	110	35,7
23236	180	320	112	40,8
23238	190	340	120	48,9
23240	200	360	128	58,5
23244	220	400	144	82,5
23248	240	440	160	107
23252	260	480	174	142
23256	280	500	130	153
23260	300	540	192	192
23264	320	580	208	241
23268	340	620	224	305
23276	380	680	240	375
23292	460	830	296	695
Serie 239 / Series 239				
23932	160	220	45	5,2
23936	180	250	52	7,732
23938	190	260	52	7,92
23940	200	280	60	11,35
23944	220	300	60	12,15
23948	240	320	60	13,15
23952	260	360	75	22,95
23956	280	420	106	50,5
23960	300	420	90	40
23964	320	440	90	42
23968	340	460	90	45
23972	360	480	90	46
23976	380	520	106	70
23980	400	540	106	72
23996	480	650	128	128



Pendelrollenlager / Spherical Roller Bearings

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Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie 240 / Series 240				
24020	100	150	50	2,9406
24022	110	170	60	4,871
24024	120	180	60	5,40
24026	130	200	69	7,95
24028	140	210	69	8,45
24030	150	225	75	10,5
24032	160	240	80	13,3
24034	170	260	90	17,7
24036	180	280	100	22,9
24038	190	290	100	24,8
24040	200	310	109	29,59
24044	220	340	118	39,5
24048	240	360	118	41,35
24052	260	400	140	62,45
24056	280	420	140	68
24060	300	460	160	95,7
24064	320	480	160	106
24068	340	520	180	143
24072	360	540	180	145
24076	380	560	180	152
24080	400	600	200	205
24096	480	700	218	300
Serie 241 / Series 241				
24122	110	180	69	6,82
24124	120	200	80	10,2
24126	130	210	80	11,0
24128	140	225	85	13,2
24130	150	250	100	19,4
24132	160	270	109	25,5
24134	170	280	109	27,3
24136	180	300	118	33,7
24138	190	320	128	41,6
24140	200	340	140	51,5
24148	240	400	160	79,6
24152	260	440	180	111
24156	280	460	180	118,2
24160	300	500	200	159
24164	320	540	218	215
24168	340	580	243	282
24172	360	600	243	279
24176	380	620	243	300
24180	400	650	250	340
24192	460	760	300	560



Pendelrollenlager / Spherical Roller Bearings

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Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Großlager Serie 230 / Large sized Bearings Series 230				
230/500	500	720	167	225
230/530	530	780	185	315
230/560	560	820	195	355
230/600	600	870	200	409
230/630	630	920	212	485
230/670	670	980	230	600
230/710	710	1030	236	670
230/800	800	1150	258	895
Großlager Serie 231 / Large sized Bearings Series 231				
231/500	500	830	264	580
231/530	530	870	272	645
231/560	560	920	280	740
Großlager Serie 239 / Large sized Bearings Series 239				
239/500	500	670	128	130
239/530	530	710	136	150
239/560	560	750	140	175
239/600	600	800	150	220
239/630	630	850	165	280
239/670	670	900	170	315
239/710	710	950	180	365
239/750	750	1000	185	420
239/800	800	1060	195	478
239/850	850	1120	200	560
239/900	900	1180	206	605
239/950	950	1250	224	755
Großlager Serie 240 / Large sized Bearings Series 240				
240/500	500	720	218	295
240/530	530	780	250	410
240/560	560	820	258	465
240/670	670	980	308	790
240/710	710	1030	315	895
240/750	750	1090	335	1065
240/800	800	1150	345	1200
240/850	850	1220	365	1410
240/900	900	1280	375	1570
240/950	950	1360	412	1990
Großlager Serie 241 / Large sized Bearings Series 241				
241/500	500	830	325	745
241/530	530	870	335	830
241/560	560	920	355	985
241/600	600	980	375	1200

Rillenkugellager /
Deep Groove Ball Bearings

Dimensions in accordance with ISO 15-1981

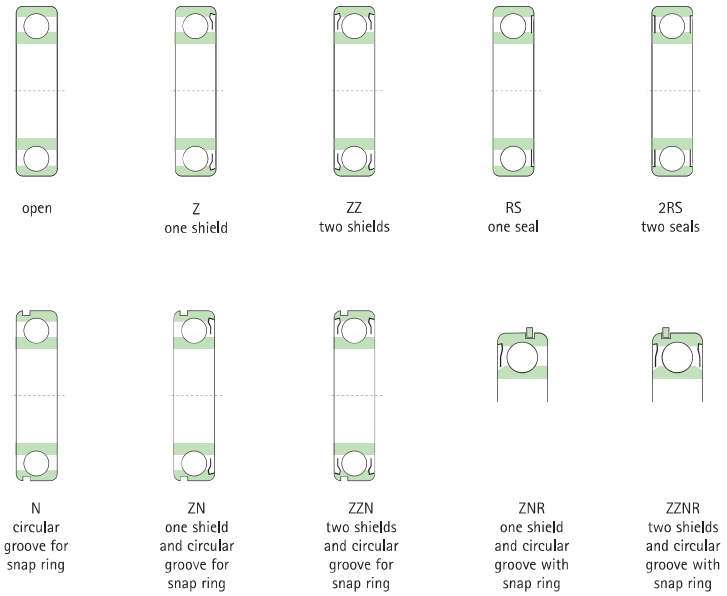
The single row deep groove ball bearing is the most popular type of rolling bearing. Because the inner and outer raceway radii are only slightly larger than the ball diameter this results in considerable axial load carrying capacity in either direction as well as radial loading. They are suitable for high speeds and can be supplied with shields or seals. ie. suffix ZZ is added for shielded type and suffix 2RS is added for sealed type. The shielded type have a running clearance between the inner-race and the metal shield, whereas the seals, made from synthetic rubber, makes contact with the inner race. Both shielded and sealed bearings are supplied with the correct amount of lithium base grease which has an operating temperature of -30 to +1100C.

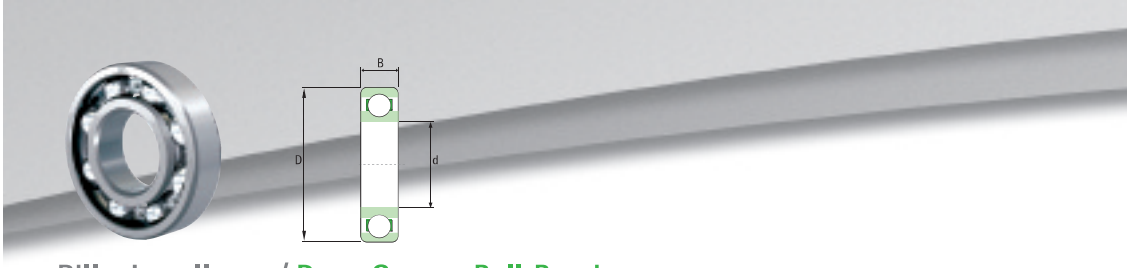
Boxes by standard are solid brass cages.

Deep groove ball bearings can also be supplied with snap ring and groove which provides a simple and space saving means of locating the bearing in the housing. Bearings with this feature have the suffix NR added to the designation.

Radial Clearance

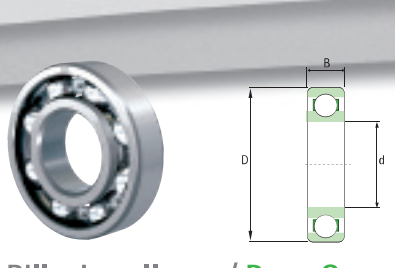
Spherical roller bearings are generally manufactured to normal C0, C2, C3, C4 and C5 clearances.





Rillenkugellager / Deep Groove Ball Bearings

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 60 / Series 60				
6000	10	26	8	0,020
6001	12	28	8	0,022
6002	15	32	9	0,031
6003	17	35	10	0,042
6004	20	42	12	0,07
6005	25	47	12	0,086
6006	30	55	13	0,129
6007	35	62	14	0,164
6008	40	68	15	0,21
6009	45	75	16	0,261
6010	50	80	16	0,260
6011	55	90	18	0,39
6012	60	95	18	0,42
6013	65	100	18	0,440
6014	70	110	20	0,6
6015	75	115	20	0,640
6016	80	125	22	0,850
6017	85	130	22	0,89
6018	90	140	24	1,16
6019	95	145	24	1,2
6020	100	150	24	1,25
6021	105	160	26	1,60
6022	110	170	28	1,95
6024	120	180	28	2,09
6026	130	200	33	3,25
6028	140	210	33	3,35
6030	150	225	35	4,75
6032	160	240	38	5,85
6034	170	260	42	7,90
6036	180	280	46	10,5
6038	190	290	46	11,0
6040	200	310	51	14,0



Rillenkugellager / Deep Groove Ball Bearings

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht kg Weight kg
Serie 62 / Series 62				
6200	10	30	9	0,032
6201	12	32	10	0,037
6202	15	35	11	0,046
6203	17	40	12	0,07
6204	20	47	14	0,118
6205	25	52	15	0,142
6206	30	62	16	0,21
6207	35	72	17	0,315
6208	40	80	18	0,402
6209	45	85	19	0,414
6210	50	90	20	0,46
6211	55	100	21	0,611
6212	60	110	22	0,78
6213	65	120	23	0,995
6214	70	125	24	1,07
6215	75	130	25	1,18
6216	80	140	26	1,4
6217	85	150	28	1,8
6218	90	160	30	2,16
6219	95	170	32	2,60
6220	100	180	34	3,15
6221	105	190	36	3,7
6222	110	200	38	4,35
6224	120	215	40	5,15
6226	130	230	40	6
6228	140	250	42	7,5
6230	150	270	45	9,4
6232	160	290	48	15,5
6234	170	310	52	17,5
6236	180	320	52	18,5
6238	190	340	55	23
6240	200	360	58	28



Rillenkugellager / Deep Groove Ball Bearings

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie 63 / Series 63				
6300	10	35	11	0,057
6301	12	37	12	0,065
6302	15	42	13	0,092
6303	17	47	14	0,120
6304	20	52	15	0,158
6305	25	62	17	0,25
6306	30	72	19	0,371
6307	35	80	21	0,45
6308	40	90	23	0,635
6309	45	100	25	0,838
6310	50	110	27	1,06
6311	55	120	29	1,38
6312	60	130	31	1,72
6313	65	140	33	2,1
6314	70	150	35	2,5
6315	75	160	37	3,03
6316	80	170	39	3,60
6317	85	180	41	4,2
6318	90	190	43	4,9
6319	95	200	45	5,6
6320	100	215	47	7,0
6322	110	240	50	9,58
6324	120	260	55	13,6
6326 M	130	280	58	17,0
6328 M	140	300	62	21,0
6330	150	320	65	26
6332	160	340	68	29
6334	170	360	72	34,5
6336	180	380	75	42,5
6338	190	400	78	49
6340	200	420	80	55,5
Serie 64 / Series 64				
6406	30	90	23	0,785
6408	40	110	27	1,32
6410	50	130	31	1,89
6411	55	140	33	2,3
6412	60	150	33	2,76
6413	65	160	37	3,3
6414	70	180	42	4,85
6416	80	200	48	7,5
6422 M	110	280	65	21,3

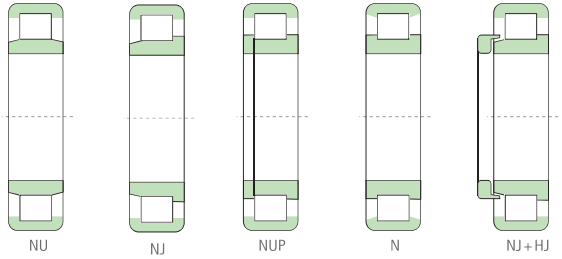
Zylinderrollenlager /
Cylindrical Roller Bearings

Dimensions in accordance with ISO 15-1981

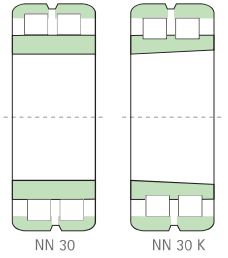
Cylindrical roller bearings are manufactured in a number of designs as indicated on the following page; the predominant type being the single row roller. The roller and cage assembly are guided axially by the integral flanges (ribs) on one of the bearing rings. The design facilitates ease of mounting and dismounting, particularly where both races are an interference fit on their seatings. Roller bearings with flanges (ribs) on one race only do not provide any end location. Various roller bearings with ribs on both races provide axial location, and are capable of carrying light or intermittent axial loading. These patterns are of the NJ, NUP and NJ + HJ types. If used for axial location and light axial loads the contact between the flanges (ribs) and the roller ends is that of a sliding bearing, not rolling bearing, therefore lubrication is of paramount importance.

Alignment is much more critical than that of a ball bearing, as a general guide this is limited to approximately .003 radians.

Double and multi-row bearings are also manufactured, see NN and NNU series.

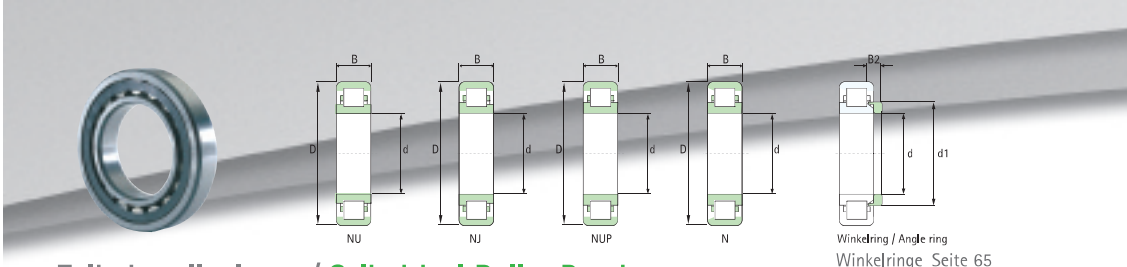


Of these bearings, the NJ, NUP and NJH types can also carry light or intermittent thrust loads between the guide rib and the end of the rollers. Several arrangements of locating ribs are available as illustrated. The choice between these types is usually decided by considerations of assembly procedure or machine clearances. The bearings utilizing machined bronze cages are suitable for high speed operation. The NN 30 and NN 30 K series are available in high precision tolerances and due to their extreme rigidity, are particularly suited for use in machine tool spindles.



Radial Clearance
Spherical roller bearings are generally manufactured to normal C0, C2, C3, C4 and C5 clearances.

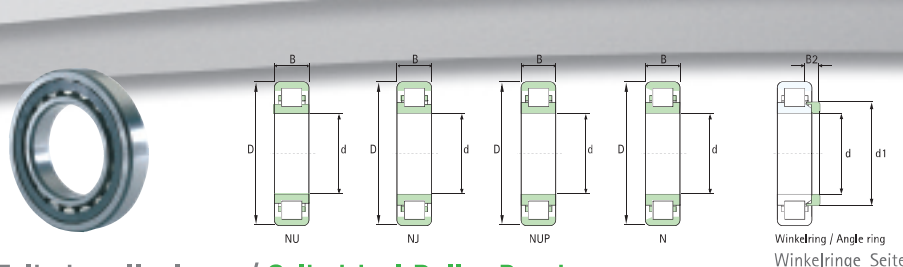
Boxes by standard are made of sheet steel or as solid brass cages.



Zylinderrollenlager / Cylindrical Roller Bearings

Winkelringe Seite 65
Angle rings page 65

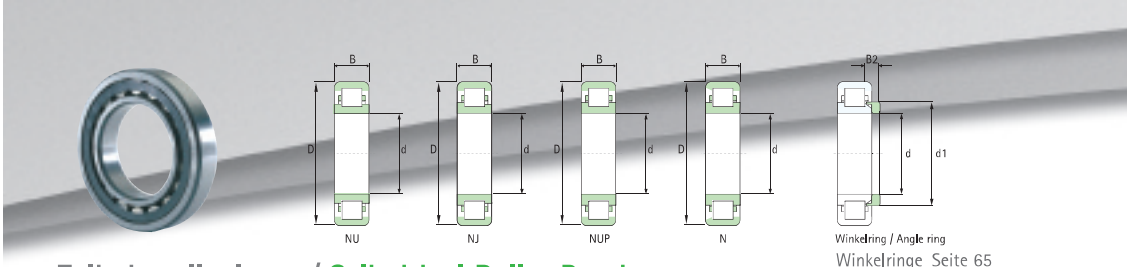
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie N / Series N				
N 032	160	240	25	1,628
N 036	180	280	31	1,75
N 212	60	110	22	0,963
N 213	65	120	23	1,032
N 214	70	125	24	1,15
N 215	75	130	25	1,24
N 216	80	140	26	1,51
N 217	85	150	28	1,90
N 218	90	160	30	2,28
N 219	95	170	32	2,834
N 220	100	180	34	3,32
N 222	110	200	38	4,65
N 224	120	215	40	5,65
N 228	140	250	42	8,27
N 312	60	130	31	1,83
N 313	65	140	33	2,24
N 314	70	150	35	3,233
N 315	75	160	37	3,15
N 316	80	170	39	4,394
N 317	85	180	41	4,41
N 319	95	200	45	6,932
N 320	100	215	47	7,70
N 322	110	240	50	10,4
N 324	120	260	55	13,1
N 326	130	280	58	16,4
N 328	140	300	62	20,1
N 330	150	320	65	28,5
N 334	170	360	72	38,5
N 412	60	150	35	3
N 413	65	160	37	3,6
N 414	70	180	42	5,236
N 415	75	190	45	6,75
N 416	80	200	48	7,3
N 417	85	210	52	9,7
N 418	90	225	54	11,5
N 419	95	240	55	13,5
N 420	100	250	58	14
N 421	105	260	60	19
N 422	110	280	65	20
N 2206	30	62	20	0,26
N 2207	35	72	23	0,4
N 2208	40	80	23	0,49
N 2209	45	85	23	0,52



Zylinderrollenlager / Cylindrical Roller Bearings

Winkelringe Seite 65
Angle rings page 65

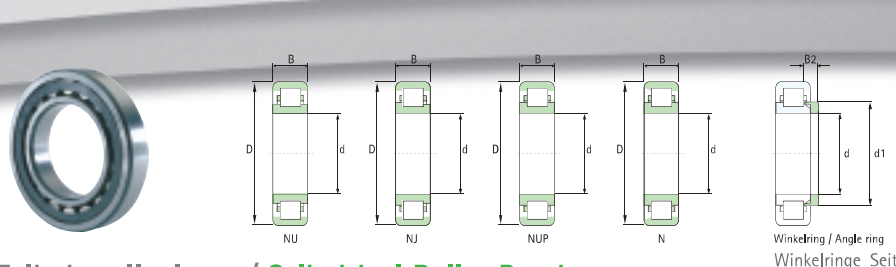
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie N / Series N				
N 2211	55	100	25	0,79
N 2212	60	110	28	1,1
N 2216	80	140	33	2
N 2217	85	150	36	2,45
N 2218	90	160	40	3,15
N 2219	95	170	43	3,85
N 2224	120	215	58	8,3
N 2226	130	230	64	10,5
N 2312	60	130	46	2,75
N 2313	65	140	48	3,3
N 2314	70	150	51	4
N 2315	75	160	55	4,9
N 2317	85	180	60	6,85
N 2318	90	190	64	8
N 2320	100	215	73	12
Serie NU / Series NU				
NU 1026	130	200	33	3,77
NU 1028	140	210	33	4,10
NU 1034	170	260	42	7,90
NU 212	60	110	22	0,820
NU 213	65	120	23	1,05
NU 214	70	125	24	1,15
NU 215	75	130	25	1,24
NU 216	80	140	26	1,51
NU 217	85	150	28	1,85
NU 219	95	170	32	2,83
NU 222	110	200	38	4,65
NU 224	120	215	40	5,65
NU 226	130	230	40	6,49
NU 228	140	250	42	8,27
NU 312	60	130	31	1,83
NU 313	65	140	33	2,24
NU 314	70	150	35	2,73
NU 315	75	160	37	3,24
NU 316	80	170	39	3,8855
NU 317	85	80	41	4,52
NU 318	90	190	43	5,28
NU 320	100	215	47	7,70
NU 322	110	240	50	10,4
NU 324	120	260	55	13,1
NU 326	130	280	58	16,11
NU 328	140	300	62	20,1



Zylinderrollenlager / Cylindrical Roller Bearings

Winkelringe Seite 65
Angle rings page 65

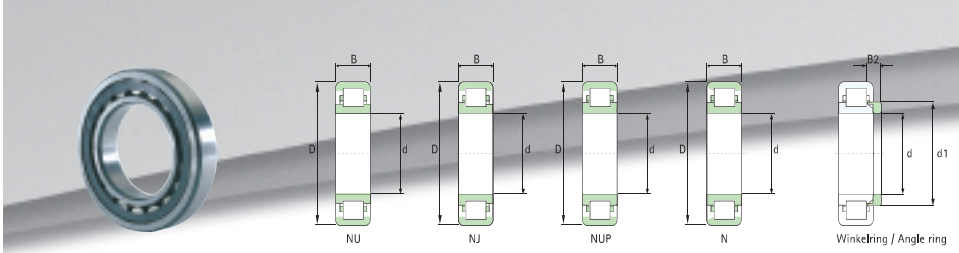
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie NU / Series NU				
NU 412	60	150	35	3,02
NU 413	65	160	37	3,55
NU 414	70	180	42	5,26
NU 415	75	190	45	6,44
NU 416	80	200	48	7,28
NU 417	85	210	52	8,50
NU 418	90	225	54	11,7
NU 419	95	240	55	13,5
NU 420	100	250	58	14,0
NU 422	110	280	65	20
NU 2212	60	110	28	0,785
NU 2213	65	120	31	1,45
NU 2214	70	125	31	1,52
NU 2215	75	130	31	1,55
NU 2216	80	140	33	1,979
NU 2217	85	150	36	2,52
NU 2218	90	160	40	3,18
NU 2219	96	170	43	3,93
NU 2220	100	180	46	4,77
NU 2222	110	200	53	6,93
NU 2224	120	215	58	8,56
NU 2226	130	230	64	11,2
NU 2228	140	250	42	15,2
NU 2232	160	290	80	24,2977
NU 2312	60	130	46	2,69
NU 2313	65	140	48	3,722
NU 2314	70	150	51	4,421
NU 2316	80	170	58	6,54
NU 2317	85	180	60	6,88
NU 2319	95	200	67	9,33
NU 2320	100	215	73	11,9
NU 2322	110	240	80	18,8
NU 2324	120	260	86	23,296
NU 2326	130	280	93	29,7
NU 2328	140	300	102	36,8
NU 2330	150	320	108	45
NU 2332	160	340	114	53
NU 2334	170	360	120	63
NU 2340	200	420	138	96



Zylinderrollenlager / Cylindrical Roller Bearings

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Angle rings page 65

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	 D mm	 B mm	Gewicht kg Weight kg
Serie NJ / Series NJ				
NJ 1028	140	210	33	4,05
NJ 1030	150	225	35	4,85
NJ 1032	160	240	38	5,95
NJ 1040	200	310	51	14,5
NJ 212	60	110	22	0,840
NJ 213	65	120	23	1,07
NJ 214	70	125	24	1,18
NJ 215	75	130	25	1,27
NJ 216	80	140	26	1,55
NJ 217	85	150	28	1,95
NJ 218	90	160	30	2,34
NJ 220	100	180	34	3,47
NJ 221	100	180	34	4,0015
NJ 222	110	200	38	4,77
NJ 224	120	215	40	5,80
NJ 226	130	230	40	6,64
NJ 228	140	250	42	8,35
NJ 312	60	130	31	1,88
NJ 313	65	140	33	2,30
NJ 314	70	150	35	2,80
NJ 315	75	160	37	3,32
NJ 318	90	190	43	5,51
NJ 319	95	200	45	6,28
NJ 320	100	215	47	7,90
NJ 322	110	240	50	10,51
NJ 324	120	260	55	13,4
NJ 326	130	280	58	16,8
NJ 328	140	300	62	20,2
NJ 412	60	150	35	3,112
NJ 413	65	160	37	3,66
NJ 414	70	180	42	5,28
NJ 415	75	190	45	6,44



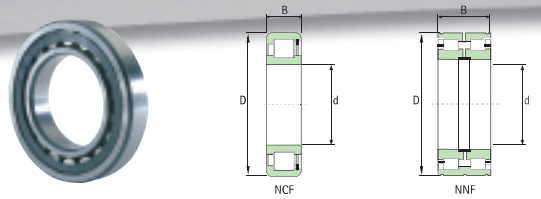
Zylinderrollenlager / Cylindrical Roller Bearings

Winkelringe Seite 65
Angle rings page 65

Artikelnummer / Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht / Weight kg
Serie NJ / Series NJ				
NJ 416	80	200	48	8,05
NJ 417	85	210	52	8,9
NJ 419	95	240	55	13,5
NJ 420	100	250	58	14
NJ 422	110	280	65	22,67
NJ 2212	60	110	28	1,10
NJ 2214	70	125	31	1,55
NJ 2216	80	140	33	2,00
NJ 2217	85	150	36	2,55
NJ 2218	90	160	40	3,18
NJ 2220	100	180	46	4,77
NJ 2222	110	200	53	7,08
NJ 2224	120	215	58	8,65
NJ 2226	130	230	64	11,8
NJ 2228	140	250	68	15,2
NJ 2230	150	270	73	19,2
NJ 2232	160	290	80	24,5
NJ 2312	60	130	46	2,77
NJ 2313	65	140	48	3,796
NJ 2314	70	150	51	3,95
NJ 2315	75	160	55	4,95
NJ 2316	80	170	58	5,89
NJ 2317	85	180	60	3,363
NJ 2319	95	200	67	3,93
NJ 2320	100	215	73	11,9
NJ 2322	110	240	80	19,0
NJ 2324	120	260	86	23,2
NJ 2326	130	280	93	29,9
NJ 2328	140	300	102	37,2
NJ 2330	150	320	180	46
NJ 2332	160	340	114	54

Vollrollige Zylinderrollenlager / Full Complement Cylindrical Roller Bearings

Artikelnummer / Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht / Weight kg
Serie NCF 29 XX. V -> SL 1829 XX / Series NCF 29 XX. V -> SL 1829 XX				
NCF 2912.V	60	85	16	0,29
NCF 2913.V	65	90	16	0,31
NCF 2914.V	70	100	19	0,49
NCF 2915.V	75	105	19	0,52
NCF 2916.V	80	110	19	0,55
NCF 2917.V	85	120	22	0,81
NCF 2918.V	90	125	22	0,84
NCF 2919.V	95	130	22	0,86
NCF 2920.V	100	140	24	1,14



Vollrollige Zylinderrollenlager / Full Complement Cylindrical Roller Bearings

Artikelnummer / Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Gewicht / Weight kg
Serie NCF 29 XX. V -> SL 1829 XX / Series NCF 29 XX. V -> SL 1829 XX				
NCF 2922.V	110	150	24	1,23
NCF 2924.V	120	165	27	1,73
NCF 2926.V	130	180	30	2,33
NCF 2928.V	140	190	30	2,42
NCF 2930.V	150	210	36	3,77
NCF 2932.V	160	220	36	4,00
NCF 2934.V	170	230	36	4,30
NCF 2936.V	180	250	42	6,20
NCF 2938.V	190	260	42	6,50
NCF 2940.V	200	280	48	9,10

Artikelnummer / Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	Sprengring / Snap ring	Gewicht / Weight kg
Serie NNF 50XX.A.2LSV -> SL 0450XX PP / Series NNF 50XX.A.2LSV -> SL 0450XX PP					
NNF 5004.A.2LS.V	20	42	30	wre 42	0,20
NNF 5005.A.2LS.V	25	47	30	wre 47	0,24
NNF 5006.A.2LS.V	30	55	34	wre 55	0,37
NNF 5007.A.2LS.V	35	62	36	wre 62	0,48
NNF 5008.A.2LS.V	40	68	38	wre 68	0,56
NNF 5009.A.2LS.V	45	75	40	wre 75	0,70
NNF 5010.A.2LS.V	50	80	40	wre 80	0,76
NNF 5011.A.2LS.V	55	90	46	wre 90	1,18
NNF 5012.A.2LS.V	60	95	46	wre 95	1,26
NNF 5013.A.2LS.V	65	100	46	wre 100	1,33
NNF 5014.A.2LS.V	70	110	54	wre 110	1,87
NNF 5015.A.2LS.V	75	115	54	wre 115	1,96
NNF 5016.A.2LS.V	80	125	60	wre 125	2,71
NNF 5017.A.2LS.V	85	130	60	wre 130	2,83
NNF 5018.A.2LS.V	90	140	67	wre 140	3,71
NNF 5019.A.2LS.V	95	145	67	wre 145	3,88
NNF 5020.A.2LS.V	100	150	67	wre 150	3,95
NNF 5022.A.2LS.V	110	170	80	wre 170	6,57
NNF 5024.A.2LS.V	120	180	80	wre 180	7,04
NNF 5026.A.2LS.V	130	200	95	wre 200	10,50
NNF 5028.A.2LS.V	140	210	95	wre 210	11,10
NNF 5030.A.2LS.V	150	225	100	wre 225	13,30
NNF 5032.A.2LS.V	160	240	109	wre 240	16,60
NNF 5034.A.2LS.V	170	260	122	wre 260	22,60
NNF 5036.A.2LS.V	180	280	136	wre 280	30,10
NNF 5038.A.2LS.V	190	290	136	wre 290	31,50
NNF 5040.A.2LS.V	200	310	150	wer 310	40,80

Kegelrollenlager /
Tapered Roller Bearings

Dimensions in accordance with ISO 15-1981

Tapered roller bearings are designed to take radial and thrust loads from one direction. They consist of the inner race (cone) with cage guided rollers and the outer race (cup) the track having the same profile as the tapered rollers. The extension of the contact lines meet at a common point on the bearing axis of rotation. The cone and cup are seperable. By using two bearings as opposed mountings they can carry thrust loadings in both directions.

Single row tapered roller bearings can be supplied matched in "DB" or "DF" arrangement. These matched bearings are so manufactured that when they are mounted opposite to each other, the pair should have an established initial axial clearance and a uniform distribution of the loading. Matched bearings are used when the load carrying capacity of a single bearing is not sufficient or when the thrust loads have to be carried at a certain axial clearance in both directions.

Axial Clearance

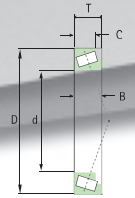
The axial clearance of single tapered roller bearings is adjusted on assembly.

With matched bearings, as with double and 4 row bearings, axial clearance is achieved by the addition of spacer rings ground to give the required clearance. Radial clearances for classes recommended for double and four row tapered roller bearings are shown in the technical section. The radial clearance is transformed into axial clearance by the following relation:

$$\text{Axial Clearance} = \frac{\text{Radiales Spiel}}{2 \tan \alpha}$$

Where: α = contact angle between rollers and the outer ring raceway.

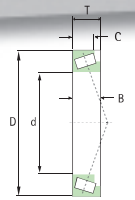




Kegelrollenlager / Tapered Roller Bearings

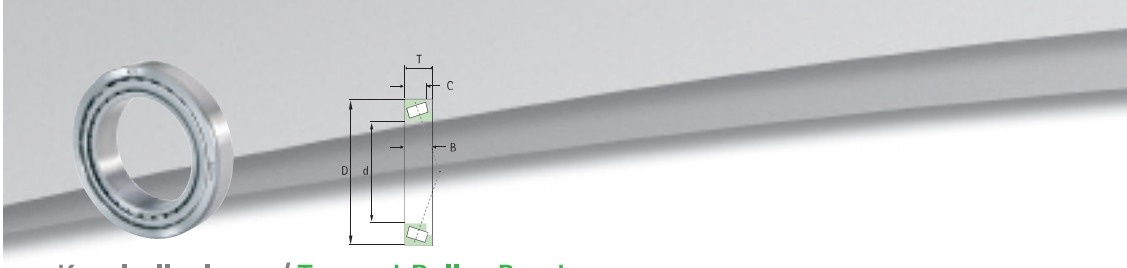
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	C mm	T mm	Gewicht kg Weight kg
Serie 302 / Series 302						
30203 A	17	40	12	11	13,25	0,074
30204 A	20	47	14	12	15,25	0,120
30205 A	25	52	15	13	16,25	0,150
30206 A	30	62	16	14	17,25	0,220
30207 A	35	72	17	15	18,25	0,320
30208 A	40	80	18	16	19,75	0,420
30209 A	45	85	19	16	20,75	0,470
30210 A	50	90	20	17	21,75	0,530
30211 A	55	100	21	18	22,75	0,690
30212 A	60	110	22	19	23,75	0,860
30213 A	65	120	23	20	24,75	1,10
30214 A	70	125	24	21	26,25	1,22
30215 A	75	130	25	22	27,25	1,33
30216 A	80	140	26	22	28,25	1,59
30217 A	85	150	28	24	30,5	2,00
30218 A	90	160	30	26	32,5	2,49
30219 A	95	170	32	27	34,5	2,96
30220 A	100	180	34	29	37	3,54
30221 A	105	190	36	30	39	4,26
30222 A	110	200	38	32	41	5,00
30224 A	120	215	40	34	43,5	6,01
30226 A	130	230	40	34	43,75	7,60
30228 A	140	250	42	36	45,75	8,50
30230 A	150	270	45	38	49	10,7
30232 A	160	290	48	40	52	13,6
30234 A	170	310	52	43	57	19,0
30236 A	180	320	52	43	57	20,0
30238 A	190	340			60	24,0
30240 A	200	360			64	25,0
Serie 303 / Series 303						
30302 A	15	42	13	11	14,25	0,090
30303 A	17	47	14	12	15,25	0,130
30304 A	20	52	15	13	16,25	0,170
30305 A	25	62	17	15	18,25	0,250
30306 A	30	72	19	16	20,75	0,380
30307 A	35	80	21	18	22,75	0,520
30308 A	40	90	23	20	25,25	0,700
30309 A	45	100	25	22	27,25	0,920
30310 A	50	110	27	23	29,25	1,19
30311 A	55	120	29	25	31,5	1,53
30312 A	60	130	31	26	33,5	1,90
30313 A	65	140	33	28	36	2,30
30314 A	70	150	35	30	38	3,00
30315 A	75	160	37	31	40	3,40
30316 A	80	170	39	33	42,5	4,00
30317 A	85	180	41	34	44,5	4,70





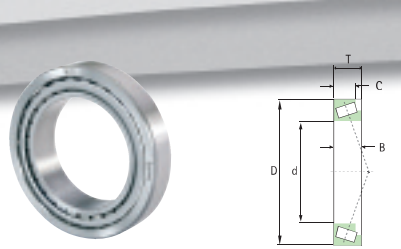
Kegelrollenlager / Tapered Roller Bearings

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	C mm	T mm	Gewicht kg Weight kg
Serie 303 / Series 303						
30318 A	90	190	43	36	46,5	5,50
30319 A	95	200	45	38	49,5	6,70
30320 A	100	215	47	39	51,5	7,90
30322 A	110	240	50	42	54,5	12,5
30324 A	120	260	55	46	59,5	13,6
30326 A	30	62	16	14	17,25	0,220
30328 A	140	300			67,75	21
30330 A	150	320			72	28,5
30332 A	160	340			75	29
30334 A	170	360			80	35
Serie 313 / Series 313						
31305 A	25	62	17	13	18,25	0,255
31306 A	30	72	19	14	20,75	0,390
31307 A	35	80	21	15	22,75	0,520
31308 A	40	90	23	17	25,25	0,685
31309 A	45	100	25	18	27,25	0,915
31310 A	50	110	27	19	29,25	1,16
31311 A	55	120	29	21	31,5	1,49
31312 A	60	130	31	22	33,5	1,83
31313 A	65	140	33	23	36	2,25
31314 A	70	150	35	25	38	2,82
31315 A	75	160	37	26	40	3,50
31316 A	80	170	39	27	42,5	4,07
31317 A	85	180	41	28	44,5	5,08
31318 A	90	190	43	30	46,5	5,92
31319 A	95	200	45	32	49,5	6,95
31326 XA	130	280	66	44	72	18,6
31328 XA	140	300	70	47	77	23,9
31330 X	150	320			802	29,5
Serie 320 / Series 320						
32004 XA	20	42	15	12	15	0,097
32005 XA	25	47	15	11,5	15	0,113
32006 XA	30	55	17	13	17	0,017
32007 XA	35	62	18	14	18	0,220
32008 XA	40	68	19	14,5	19	0,270
32009 XA	45	75	20	15,5	20	0,330
32010 XA	50	80	20	15,5	20	0,360
32011 XA	55	90	23	17,5	23	0,540
32012 XA	60	95	23	17,5	23	0,580
32013 XA	65	100	23	17,5	23	0,620
32014 XA	70	110	25	19	25	0,830
32015 XA	75	115	25	19	25	0,880
32016 XA	80	125	29	22	29	1,24
32017 XA	85	130	29	22	29	1,30
32018 XA	90	140	32	24	32	1,70
32019 XA	95	145	32	24	32	1,80



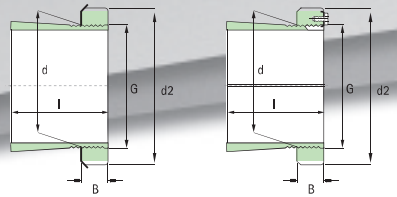
Kegelrollenlager / Tapered Roller Bearings

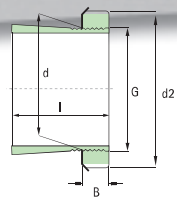
Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	C mm	T mm	Gewicht kg Weight kg
Serie 320 / Series 320						
32020 XA	100	150	32	24	32	1,85
32021 XA	105	160	35	26	35	2,42
32022 XA	110	170	38	29	38	3,06
32024 XA	120	180	38	29	38	3,25
32026 XA	130	200	45	34	45	4,93
32028 XA	140	210	45	34	45	5,23
32030 XA	150	225	48	36	48	6,35
32032 XA	160	240	51	38	51	7,75
32034 XA	170	260	57	43	57	10,5
32036 XA	180	280	64	48	64	14,5
32038 XA	190	290	64	48	64	15,0
32040 XA	200	310	70	53	70	19,5
32044 XA	220	340	76	57	76	25,5
Serie 322 / Series 322						
32205 A	25	52	18	15	19,25	0,182
32206 A	30	62	20	17	21,25	0,280
32207 A	35	72	23	19	24,25	0,420
32208 A	40	80	23	19	24,75	0,510
32209 A	45	85	23	19	24,75	0,560
32210 A	50	90	23	19	24,75	0,600
32211 A	55	100	25	21	26,75	0,820
32212 A	60	110	28	24	29,75	1,10
32213 A	65	120	31	27	32,75	1,48
32214 A	70	125	31	27	33,25	1,56
32215 A	75	130	31	27	33,25	2,62
32216 A	80	140	33	28	35,25	2,00
32217 A	85	150	36	30	38,5	2,50
32218 A	90	160	40	34	42,5	3,30
32219 A	95	170	43	37	45,5	4,00
32220 A	100	180	46	39	49	4,76
32221 A	105	190	50	43	53	5,90
32222 A	110	200	53	46	56	6,90
32224 A	120	215	40	34	43,5	8,59
32226 A	130	230	64	54	67,75	10,7
32228 A	140	250	68	58	71,75	13,9
32230 A	150	270	73	60	77	17,9
32232 A	160	290	80	67	84	25,5
32234 A	170	310	86	71	91	29,3
32236 A	180	320	86	71	91	27,4
32238 A	190	340	92	75	97	39,5
32240 A	200	360	98	82	104	33,0

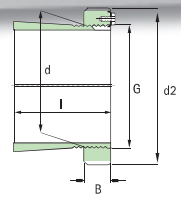


Kegelrollenlager / Tapered Roller Bearings

Artikelnummer Bearing Number	Dimensionen / Principal Dimensions d mm	D mm	B mm	C mm	T mm	Gewicht kg Weight kg
Serie 323 / Series 323						
32303 A	17	47	19	16	20,25	0,170
32304 A	20	52	21	18	22,25	0,221
32305 A	25	62	24	20	25,25	0,360
32306 A	30	72	27	23	28,75	0,550
32307 A	35	80	31	25	32,75	0,730
32308 A	40	90	33	27	35,25	0,993
32309 A	45	100	36	30	38,25	1,25
32310 A	50	110	40	33	42,25	1,83
32311 A	55	120	43	35	45,5	2,21
32312 A	60	130	46	37	48,5	2,80
32313 A	65	140	48	39	51	3,49
32314 A	70	150	51	42	54	4,10
32315 A	75	160	55	45	58	5,00
32316 A	80	170	58	48	61,5	5,90
32317 A	85	180	60	49	63,5	6,85
32318 A	90	190	64	53	67,5	8,21
32319 A	95	200	67	55	71,5	11,0
32320 A	100	215	73	60	77,5	14,0
32321 A	105	225	77	63	81,5	14,5
32322 A	110	240	80	65	84,5	16,4
32324 A	120	260	86	69	90,5	24,5
32326 A	130	280	93	78	98,75	27,6
32330 A	150	320			114	436
Serie 329 / Series 329						
32934 A	170	230	38	30	38	4,50
32936 A	180	250	45	34	45	6,65
32938 A	190	260	45	34	45	7,00
32940 A	200	280	51	39	51	9,50
32944 A	220	300	51	39	51	11,2





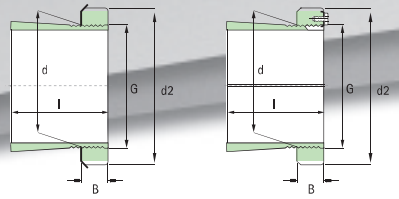


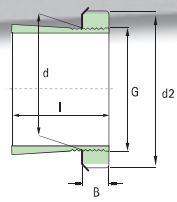
Spannhülsen / *Adapter sleeves*

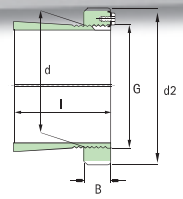
Artikelnr. / Bearing No	Wellen-Ø / Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg / Weight kg	Sicherungsmutter / Lock Nut	Sicherungsblech / Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 220	90	100	58	130	M 100X2	20					1,49	KM 20	MB 20
H 320	90	100	71	130	M 100X2	20					1,69	KM 20	MB 20
H 3120	90	100	76	130	M 100X2	20					1,8	KM 20	MB 20
H 2320	90	100	97	130	M 100X2	20					2,15	KM 20	MB 20
H 221	95	105	60	140	M 105X2	20					1,72	KM 21	MB 21
H 321	95	105	74	140	M 105X2	20					1,95	KM 21	MB 21
H 222	100	110	63	145	M 110X2	21					1,93	KM 22	MB 22
H 322	100	110	77	145	M 110X2	21					2,18	KM 22	MB 22
H 3122	100	110	81	145	M 110X2	21					2,25	KM 22	MB 22
H 2322	100	110	105	145	M 110X2	21					2,74	KM 22	MB 22
H 3024	110	120	72	145	M 120X2	22					1,93	KML 24	MBL 24
H 3124	110	120	88	155	M 120X2	22					2,64	KM 24	MB 24
H 2324	110	120	112	155	M 120X2	22					3,19	KM 24	MB 24
H 3026	115	130	80	155	M 130X2	23					2,85	KML 26	MBL 26
H 3126	115	130	92	165	M 130X2	23					3,66	KM 26	MB 26
H 2326	115	130	121	165	M 130X2	23					4,6	KM 26	MB 26
H 3028	125	140	82	165	M 140X2	24					3,16	KML 28	MBL 28
H 3128	125	140	97	180	M 140X2	24					4,34	KM 28	MB 28
H 2328	125	140	131	180	M 140X2	24					5,55	KM 28	MB 28
H 3030	135	150	87	180	M 150X2	26					3,89	KML 30	MBL 30
H 3130	135	150	111	195	M 150X2	26					5,52	KM 30	MB 30
H 2330	135	150	139	195	M 150X2	26					6,63	KM 30	MB 30
H 3032	140	160	93	190	M 160X3	27,5					5,21	KML 32	MBL 32
H 3032 H	140	160	93	190	M 160X3	27,5		M 6	4,2	9	5,21	KML 32	MBL 32
H 3032 HB	140	160	93	190	M 160X3	27,5		M 6	4,2	9	5,21	KML 32	MBL 32
H 3032 HK	140	160	93	190	M 160X3	27,5		M 6	5	9	5,21	KML 32	MBL 32
H 3032 HKB	140	160	93	190	M 160X3	27,5		M 6	5	9	5,21	KML 32	MBL 32
H 3132	140	160	119	210	M 160X3	28					7,67	KM 32	MB 32
H 3132 H	140	160	119	210	M 160X3	28		M 6	4,2	9	7,67	KM 32	MB 32
H 3132 HB	140	160	119	210	M 160X3	28		M 6	4,2	9	7,67	KM 32	MB 32
H 2332	140	160	147	210	M 160X3	28					9,14	KM 32	MB 32
H 2332 H	140	160	147	210	M 160X3	28		M 6	4,2	9	9,14	KM 32	MB 32
H 2332 HB	140	160	147	210	M 160X3	28		M 6	4,2	9	9,14	KM 32	MB 32
H 3034	150	170	101	200	M 170X3	28,5					5,99	KML 34	MBL 34
H 3034 H	150	170	101	200	M 170X3	28,5		M 6	4,2	9	5,99	KML 34	MBL 34
H 3034 HB	150	170	101	200	M 170X3	28,5		M 6	4,2	9	5,99	KML 34	MBL 34
H 3034 HK	150	170	101	200	M 170X3	28,5		M 6	5	9	5,99	KML 34	MBL 34
H 3034 HKB	150	170	101	200	M 170X3	28,5		M 6	5	9	5,99	KML 34	MBL 34
H 3134	150	170	122	220	M 170X3	29					8,38	KM 34	MB 34
H 3134 H	150	170	122	220	M 170X3	29		M 6	4,2	9	8,38	KM 34	MB 34
H 3134 HB	150	170	122	220	M 170X3	29		M 6	4,2	9	8,38	KM 34	MB 34
H 2334	150	170	154	220	M 170X3	29					10,2	KM 34	MB 34
H 2334 H	150	170	154	220	M 170X3	29		M 6	4,2	9	10,2	KM 34	MB 34
H 2334 HB	150	170	154	220	M 170X3	29		M 6	4,2	9	10,2	KM 34	MB 34
H 3936	160	180	87	210	M 180X3	29,5					5,7	KML 36	MBL 36

Spannhülsen / *Adapter sleeves*

Artikelnr. / Bearing No	Wellen-Ø / Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg / Weight kg	Sicherungsmutter / Lock Nut	Sicherungsblech / Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3936 H	160	180	87	210	M 180X3	29,5		M 6	4,2	9	5,7	KML 36	MBL 36
H 3936 HB	160	180	87	210	M 180X3	29,5		M 6	4,2	9	5,7	KML 36	MBL 36
H 3936 HK	160	180	87	210	M 180X3	29,5		M 6	5	9	5,7	KML 36	MBL 36
H 3936 HKB	160	180	87	210	M 180X3	29,5		M 6	5	9	5,7	KML 36	MBL 36
H 3036	160	180	109	210	M 180X3	29,5					6,83	KML 36	MBL 36
H 3036 H	160	180	109	210	M 180X3	29,5		M 6	4,2	9	6,83	KML 36	MBL 36
H 3036 HB	160	180	109	210	M 180X3	29,5		M 6	4,2	9	6,83	KML 36	MBL 36
H 3036 HK	160	180	109	210	M 180X3	29,5		M 6	5	9	6,83	KML 36	MBL 36
H 3036 HKB	160	180	109	210	M 180X3	29,5		M 6	5	9	6,83	KML 36	MBL 36
H 3136	160	180	131	230	M 180X3	30					9,5	KM 36	MB 36
H 3136 H	160	180	131	230	M 180X3	30		M 6	4,2	9	9,5	KM 36	MB 36
H 3136 HB	160	180	131	230	M 180X3	30		M 6	4,2	9	9,5	KM 36	MB 36
H 2336	160	180	161	230	M 180X3	30					11,3	KM 36	MB 36
H 2336 H	160	180	161	230	M 180X3	30		M 6	4,2	9	11,3	KM 36	MB 36
H 2336 HB	160	180	161	230	M 180X3	30		M 6	4,2	9	11,3	KM 36	MB 36
H 3938	170	190	89	220	M 190X3	30,5					6,19	KML 38	MBL 38
H 3938 H	170	190	89	220	M 190X3	30,5		M 6	4,2	9	6,19	KML 38	MBL 38
H 3938 HB	170	190	89	220	M 190X3	30,5		M 6	4,2	9	6,19	KML 38	MBL 38
H 3938 HK	170	190	89	220	M 190X3	30,5		M 6	5	9	6,19	KML 38	MBL 38
H 3938 HKB	170	190	89	220	M 190X3	30,5		M 6	5	9	6,19	KML 38	MBL 38
H 3038	170	190	112	220	M 190X3	30,5					7,45	KML 38	MBL 38
H 3038 H	170	190	112	220	M 190X3	30,5		M 6	4,2	9	7,45	KML 38	MBL 38
H 3038 HB	170	190	112	220	M 190X3	30,5		M 6	4,2	9	7,45	KML 38	MBL 38
H 3038 HK	170	190	112	220	M 190X3	30,5		M 6	5	9	7,45	KML 38	MBL 38
H 3038 HKB	170	190	112	220	M 190X3	30,5		M 6	5	9	7,45	KML 38	MBL 38
H 3138	170	190	141	240	M 190X3	31					10,8	KM 38	MB 38
H 3138 H	170	190	141	240	M 190X3	31		M 6	4,2	9	10,8	KM 38	MB 38
H 3138 HB	170	190	141	240	M 190X3	31		M 6	4,2	9	10,8	KM 38	MB 38
H 2338	170	190	169	240	M 190x3	31					12,6	KM 38	MB 38
H 2338 H	170	190	169	240	M 190x3	31		M 6	4,2	9	12,6	KM 38	MB 38
H 2338 HB	170	190	169	240	M 190x3	31		M 6	4,2	9	12,6	KM 38	MB 38
H 3940	180	200	98	240	M 200x3	31,5					7,89	KML 40	MBL 40
H 3940 H	180	200	98	240	M 200x3	31,5		M 6	4,2	9	7,89	KML 40	MBL 40
H 3940 HB	180	200	98	240	M 200x3	31,5		M 6	4,2	9	7,89	KML 40	MBL 40
H 3940 HK	180	200	98	240	M 200x3	31,5		M 6	7	13	7,89	KML 40	MBL 40
H 3940 HKB	180	200	98	240	M 200x3	31,5		M 6	7	13	7,89	KML 40	MBL 40
H 3040	180	200	120	240	M 200x3	31,5					9,19	KML 40	MBL 40
H 3040 H	180	200	120	240	M 200x3	31,5		M 6	4,2	9	9,19	KML 40	MBL 40
H 3040 HB	180	200	120	240	M 200x3	31,5		M 6	4,2	9	9,19	KML 40	MBL 40
H 3140	180	200	150	250	M 200x3	32					12,1	KM 40	MB 40
H 3140 H	180	200	150	250	M 200x3	32		M 6	4,2	9	12,1	KM 40	MB 40
H 3140 HB	180	200	150	250	M 200x3	32		M 6	4,2	9	12,1	KM 40	MB 40
H 2340	180	200	176	250	M 200x3	32					13,9	KM 40	MB 40
H 2340 H	180	200	176	250	M 200x3	32		M 6	4,2	9	13,9	KM 40	MB 40
H 2340 HB	180	200	176	250	M 200x3	32		M 6	4,2	9	13,9	KM 40	MB 40





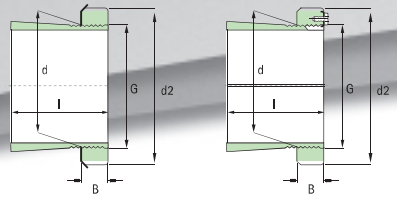


Spannhülsen / Adapter sleeves

Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3944	200	220	96	260	Tr 220x4	30	41				8,16	HM 3044	MS 3044
H 3944 H	200	220	96	260	Tr 220x4	30	41	M 6	4,2	9	8,16	HM 3044	MS 3044
H 3944 HB	200	220	96	260	Tr 220x4	30	41	M 6	4,2	9	8,16	HM 3044	MS 3044
H 3944 HK	200	220	96	260	Tr 220x4	30	41	M 6	5	9	8,16	HM 3044	MS 3044
H 3944 HKB	200	220	96	260	Tr 220x4	30	41	M 6	5	9	8,16	HM 3044	MS 3044
H 3044	200	220	126	260	Tr 220x4	30	41				10,3	HM 3044	MS 3044
H 3044 H	200	220	126	260	Tr 220x4	30	41	M 6	4,2	9	10,3	HM 3044	MS 3044
H 3044 HB	200	220	126	260	Tr 220x4	30	41	M 6	4,2	9	10,3	HM 3044	MS 3044
H 3144	200	220	161	280	Tr 220x4	35					15,1	HM 44 T	MB 44
H 3144 H	200	220	161	280	Tr 220x4	35		M 6	4,2	9	15,1	HM 44 T	MB 44
H 3144 HB	200	220	161	280	Tr 220x4	35		M 6	4,2	9	15,1	HM 44 T	MB 44
H 2344	200	220	186	280	Tr 220x4	35					17	HM 44 T	MB 44
H 2344 H	200	220	186	280	Tr 220x4	35		M 6	4,2	9	17	HM 44 T	MB 44
H 2344 HB	200	220	186	280	Tr 220x4	35		M 6	4,2	9	17	HM 44 T	MB 44
H 3948	220	240	101	290	Tr 240x4	34	46				11	HM 3048	MS 3048
H 3948 H	220	240	101	290	Tr 240x4	34	46	M 6	4,2	9	11	HM 3048	MS 3048
H 3948 HB	220	240	101	290	Tr 240x4	34	46	M 6	4,2	9	11	HM 3048	MS 3048
H 3048	220	240	133	290	Tr 240x4	34	46				13,2	HM 3048	MS 3048
H 3048 H	220	240	133	290	Tr 240x4	34	46	M 6	4,2	9	13,2	HM 3048	MS 3048
H 3048 HB	220	240	133	290	Tr 240x4	34	46	M 6	4,2	9	13,2	HM 3048	MS 3048
H 3148	220	240	172	300	Tr 240x4	37					17,6	HM 48 T	MB 48
H 3148 H	220	240	172	300	Tr 240x4	37		M 6	4,2	9	17,6	HM 48 T	MB 48
H 3148 HB	220	240	172	300	Tr 240x4	37		M 6	4,2	9	17,6	HM 48 T	MB 48
H 2348	220	240	199	300	Tr 240x4	37					20	HM 48 T	MB 48
H 2348 H	220	240	199	300	Tr 240x4	37		M 6	4,2	9	20	HM 48 T	MB 48
H 2348 HB	220	240	199	300	Tr 240x4	37		M 6	4,2	9	20	HM 48 T	MB 48
H 3952	240	260	116	310	Tr 260x4	34	46				12,8	HM 3052	MS 3052
H 3952 H	240	260	116	310	Tr 260x4	34	46	M 6	4,2	9	12,8	HM 3052	MS 3052
H 3952 HB	240	260	116	310	Tr 260x4	34	46	M 6	4,2	9	12,8	HM 3052	MS 3052
H 3052	240	260	145	310	Tr 260x4	34	46				15,3	HM 3052	MS 3052
H 3052 H	240	260	145	310	Tr 260x4	34	46	M 6	4,2	9	15,3	HM 3052	MS 3052
H 3052 HB	240	260	145	310	Tr 260x4	34	46	M 6	4,2	9	15,3	HM 3052	MS 3052
H 3152	240	260	190	330	Tr 260x4	39					22,3	HM 52 T	MB 52
H 3152 H	240	260	190	330	Tr 260x4	39		M 6	4,2	9	22,3	HM 52 T	MB 52
H 3152 HB	240	260	190	330	Tr 260x4	39		M 6	4,2	9	22,3	HM 52 T	MB 52
H 2352	240	260	211	330	Tr 260x4	39					24,5	HM 52 T	MB 52
H 2352 H	240	260	211	330	Tr 260x4	39		M 6	4,2	9	24,5	HM 52 T	MB 52
H 2352 HB	240	260	211	330	Tr 260x4	39		M 6	4,2	9	24,5	HM 52 T	MB 52
H 3956	240	280	121	330	Tr 280x4	38	50				15,3	HM 3056	MS 3056
H 3956 H	240	280	121	330	Tr 280x4	38	50	M 6	4,2	9	15,3	HM 3056	MS 3056
H 3956 HB	240	280	121	330	Tr 280x4	38	50	M 6	4,2	9	15,3	HM 3056	MS 3056
H 3056	260	280	152	330	Tr 280x4	38	50				17,7	HM 3056	MS 3056
H 3056 H	260	280	152	330	Tr 280x4	38	50	M 6	4,2	9	17,7	HM 3056	MS 3056
H 3056 HB	260	280	152	330	Tr 280x4	38	50	M 6	4,2	9	17,7	HM 3056	MS 3056
H 3156	260	280	195	350	Tr 280x4	41					25,1	HM 56 T	MB 56

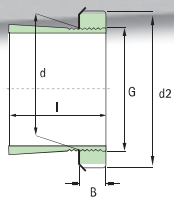
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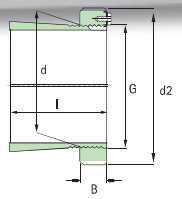
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3156 H	260	280	195	350	Tr 280x4	41		M 6	4,2	9	25,1	HM 56 T	MB 56
H 3156 HB	260	280	195	350	Tr 280x4	41		M 6	4,2	9	25,1	HM 56 T	MB 56
H 2356	260	280	224	350	Tr 280x4	41					28,4	HM 56 T	MB 56
H 2356 H	260	280	224	350	Tr 280x4	41		M 6	4,2	9	28,4	HM 56 T	MB 56
H 2356 HB	260	280	224	350	Tr 280x4	41		M 6	4,2	9	28,4	HM 56 T	MB 56
H 3960	280	300	140	360	Tr 300x4	42	54				20	HM 3060	MS 3060
H 3960 H	280	300	140	360	Tr 300x4	42	54	M 6	4,2	9	20	HM 3060	MS 3060
H 3960 HB	280	300	140	360	Tr 300x4	42	54	M 6	4,2	9	20	HM 3060	MS 3060
H 3060	280	300	168	360	Tr 300x4	42	54				22,8	HM 3060	MS 3060
H 3060 H	280	300	168	360	Tr 300x4	42	54	M 6	4,2	9	22,8	HM 3060	MS 3060
H 3060 HB	280	300	168	360	Tr 300x4	42	54	M 6	4,2	9	22,8	HM 3060	MS 3060
H 3160	280	300	208	380	Tr 300x4	40	53				30,2	HM 3160	MS 3160
H 3160 H	280	300	208	380	Tr 300x4	40	53	M 6	4,2	9	30,2	HM 3160	MS 3160
H 3160 HB	280	300	208	380	Tr 300x4	40	53	M 6	4,2	9	30,2	HM 3160	MS 3160
H 3260	280	300	240	380	Tr 300x4	40	53				34,1	HM 3160	MS 3160
H 3260 H	280	300	240	380	Tr 300x4	40	53	M 6	4,2	9	34,1	HM 3160	MS 3160
H 3260 HB	280	300	240	380	Tr 300x4	40	53	M 6	4,2	9	34,1	HM 3160	MS 3160
H 3964	300	320	140	380	Tr 320x5	42	55				21,5	HM 3064	MS 3064
H 3964 H	300	320	140	380	Tr 320x5	42	55	M 6	4	9	21,5	HM 3064	MS 3064
H 3964 HB	300	320	140	380	Tr 320x5	42	55	M 6	4	9	21,5	HM 3064	MS 3064
H 3064	300	320	171	380	Tr 320x5	42	55				24,6	HM 3064	MS 3064
H 3064 H	300	320	171	380	Tr 320x5	42	55	M 6	4	9	24,6	HM 3064	MS 3064
H 3064 HB	300	320	171	380	Tr 320x5	42	55	M 6		9	24,6	HM 3064	MS 3064
H 3164	300	320	226	400	Tr 320x5	42	56				34,9	HM 3164	MS 3164
H 3164 H	300	320	226	400	Tr 320x5	42	56	M 6	4	9	34,9	HM 3164	MS 3164
H 3164 HB	300	320	226	400	Tr 320x5	42	56	M 6	4	9	34,9	HM 3164	MS 3164
H 3264	300	320	258	400	Tr 320x5	42	56				39,3	HM 3164	MS 3164
H 3264 H	300	320	258	400	Tr 320x5	42	56	M 6	4	9	39,3	HM 3164	MS 3164
H 3264 HB	300	320	258	400	Tr 320x5	42	56	M 6	4	9	39,3	HM 3164	MS 3164
H 3968	320	340	144	400	Tr 340x5	45	58				24,5	HM 3068	MS 3068
H 3968 H	320	340	144	400	Tr 340x5	45	58	M 6	4	9	24,5	HM 3068	MS 3068
H 3968 HB	320	340	144	400	Tr 340x5	45	58	M 6	4	9	24,5	HM 3068	MS 3068
H 3968 HK	320	340	144	400	Tr 340x5	45	58	G1/4	7	13	24,5	HM 3068	MS 3068
H 3968 HKB	320	340	144	400	Tr 340x5	45	58	G1/4	7	13	24,5	HM 3068	MS 3068
H 3068	320	340	187	400	Tr 340x5	45	58				28,7	HM 3068	MS 3068
H 3068 H	320	340	187	400	Tr 340x5	45	58	M 6	4	9	28,7	HM 3068	MS 3068
H 3068 HB	320	340	187	400	Tr 340x5	45	58	M 6	4	9	28,7	HM 3068	MS 3068
H 3168	320	340	254	440	Tr 340x5	55	72				50	HM 3168	MS 3168
H 3168 H	320	340	254	440	Tr 340x5	55	72	M 6	4	9	50	HM 3168	MS 3168
H 3168 HB	320	340	254	440	Tr 340x5	55	72	M 6	4	9	50	HM 3168	MS 3168
H 3168 HK	320	340	254	440	Tr 340x5	55	72	G1/4	9,5	15	50	HM 3168	MS 3168
H 3168 HKB	320	340	254	440	Tr 340x5	55	72	G1/4	9,5	15	50	HM 3168	MS 3168
H 3268	320	340	288	440	Tr 340x5	55	72				54,6	HM 3168	MS 3168
H 3268 H	320	340	288	440	Tr 340x5	55	72	M 6	4	9	54,6	HM 3168	MS 3168
H 3268 HB	320	340	288	440	Tr 340x5	55	72	M 6	4	9	54,6	HM 3168	MS 3168



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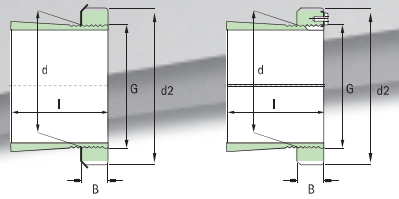
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3268 HK	320	340	288	440	Tr 340x5	55	72	G1/4	10	15	54,6	HM 3168	MS 3168
H 3268 HKB	320	340	288	440	Tr 340x5	55	72	G1/4	10	15	54,6	HM 3168	MS 3168
H 3972	340	360	144	420	Tr 360x5	45	58				25,2	HM 3072	MS 3072
H 3972 H	340	360	144	420	Tr 360x5	45	58	M 6	4	9	25,2	HM 3072	MS 3072
H 3972 HB	340	360	144	420	Tr 360x5	45	58	M 6	4	9	25,2	HM 3072	MS 3072
H 3072	340	360	188	420	Tr 360x5	45	58				30,5	HM 3072	MS 3072
H 3072 H	340	360	188	420	Tr 360x5	45	58	M 6	4	9	30,5	HM 3072	MS 3072
H 3072 HB	340	360	188	420	Tr 360x5	45	58	M 6	4	9	30,5	HM 3072	MS 3072
H 3172	340	360	259	460	Tr 360x5	58	75				56	HM 3172	MS 3172
H 3172 H	340	360	259	460	Tr 360x5	58	75	M 6	4	9	56	HM 3172	MS 3172
H 3172 HB	340	360	259	460	Tr 360x5	58	75	M 6	4	9	56	HM 3172	MS 3172
H 3172 HK	340	360	259	460	Tr 360x5	58	75	G1/4	9,5	15	56	HM 3172	MS 3172
H 3172 HKB	340	360	259	460	Tr 360x5	58	75	G1/4	9,5	15	56	HM 3172	MS 3172
H 3272	340	360	299	460	Tr 360x5	58	75				60,6	HM 3172	MS 3172
H 3272 H	340	360	299	460	Tr 360x5	58	75	M 6	4	9	60,6	HM 3172	MS 3172
H 3272 HB	340	360	299	460	Tr 360x5	58	75	M 6	4	9	60,6	HM 3172	MS 3172
H 3272 HK	340	360	299	460	Tr 360x5	58	75	G1/4	10	15	60,6	HM 3172	MS 3172
H 3272 HKB	340	360	299	460	Tr 360x5	58	75	G1/4	10	15	60,6	HM 3172	MS 3172
H 3976	360	380	164	450	Tr 380x5	48	62				31,5	HM 3076	MS 3076
H 3976 H	360	380	164	450	Tr 380x5	48	62	M 6	4	9	31,5	HM 3076	MS 3076
H 3976 HB	360	380	164	450	Tr 380x5	48	62	M 6	4	9	31,5	HM 3076	MS 3076
H 3076	360	380	193	450	Tr 380x5	48	62				35,8	HM 3076	MS 3076
H 3076 H	360	380	193	450	Tr 380x5	48	62	M 6	4	9	35,8	HM 3076	MS 3076
H 3076 HB	360	380	193	450	Tr 380x5	48	62	M 6	4	9	35,8	HM 3076	MS 3076
H 3176	360	380	264	490	Tr 380x5	60	77				61,7	HM 3176	MS 3176
H 3176 H	360	380	264	490	Tr 380x5	60	77	M 6	4	9	61,7	HM 3176	MS 3176
H 3176 HB	360	380	264	490	Tr 380x5	60	77	M 6	4	9	61,7	HM 3176	MS 3176
H 3176 HK	360	380	264	490	Tr 380x5	60	77	G1/4	9,5	15	61,7	HM 3176	MS 3176
H 3176 HKB	360	380	264	490	Tr 380x5	60	77	G1/4	9,5	15	61,7	HM 3176	MS 3176
H 3276	360	380	310	490	Tr 380x5	60	77				69,6	HM 3176	MS 3176
H 3276 H	360	380	310	490	Tr 380x5	60	77	M 6	4	9	69,6	HM 3176	MS 3176
H 3276 HB	360	380	310	490	Tr 380x5	60	77	M 6	4	9	69,6	HM 3176	MS 3176
H 3276 HK	360	380	310	490	Tr 380x5	60	77	G1/4	10,5	15	69,6	HM 3176	MS 3176
H 3276 HKB	360	380	310	490	Tr 380x5	60	77	G1/4	10,5	15	69,6	HM 3176	MS 3176
H 3980	380	400	168	470	Tr 400x5	52	66				35	HM 3080	MS 3080
H 3980 H	380	400	168	470	Tr 400x5	52	66	M 6	4	9	35	HM 3080	MS 3080
H 3980 HB	380	400	168	470	Tr 400x5	52	66	M 6	4	9	35	HM 3080	MS 3080
H 3080	380	400	210	470	Tr 400x5	52	66				41,3	HM 3080	MS 3080
H 3080 H	380	400	210	470	Tr 400x5	52	66	M 6	4	9	41,3	HM 3080	MS 3080
H 3080 HB	380	400	210	470	Tr 400x5	52	66	M 6	4	9	41,3	HM 3080	MS 3080
H 3180	380	400	272	520	Tr 400x5	62	82				73	HM 3180	MS 3180
H 3180 H	380	400	272	520	Tr 400x5	62	82	M 6	4	9	73	HM 3180	MS 3180
H 3180 HB	380	400	272	520	Tr 400x5	62	82	M 6	4	9	73	HM 3180	MS 3180
H 3180 HK	380	400	272	520	Tr 400x5	62	82	G1/4	9,5	15	73	HM 3180	MS 3180
H 3180 HKB	380	400	272	520	Tr 400x5	62	82	G1/4	9,5	15	73	HM 3180	MS 3180





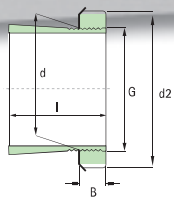
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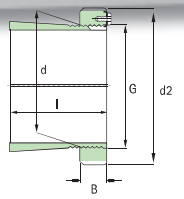
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3280	380	400	328	520	Tr 400x5	62	82				81	HM 3180	MS 3180
H 3280 H	380	400	328	520	Tr 400x5	62	82	M 6	4	9	81	HM 3180	MS 3180
H 3280 HB	380	400	328	520	Tr 400x5	62	82	M 6	4	9	81	HM 3180	MS 3180
H 3280 HK	380	400	328	520	Tr 400x5	62	82	G1/4	11	15	81	HM 3180	MS 3180
H 3280 HKB	380	400	328	520	Tr 400x5	62	82	G1/4	11	15	81	HM 3180	MS 3180
H 3984	400	420	168	490	Tr 420x5	52	66				36,6	HM 3084	MS 3084
H 3984 H	400	420	168	490	Tr 420x5	52	66	M 6	4	9	36,6	HM 3084	MS 3084
H 3984 HB	400	420	168	490	Tr 420x5	52	66	M 6	4	9	36,6	HM 3084	MS 3084
H 3084	400	420	212	490	Tr 420x5	52	66				43,7	HM 3084	MS 3084
H 3084 H	400	420	212	490	Tr 420x5	52	66	M 6	4	9	43,7	HM 3084	MS 3084
H 3084 HB	400	420	212	490	Tr 420x5	52	66	M 6	4	9	43,7	HM 3084	MS 3084
H 3184	400	420	304	540	Tr 420x5	70	90				84,2	HM 3184	MS 3184
H 3184 H	400	420	304	540	Tr 420x5	70	90	M 6	4	9	84,2	HM 3184	MS 3184
H 3184 HB	400	420	304	540	Tr 420x5	70	90	M 6	4	9	84,2	HM 3184	MS 3184
H 3184 HK	400	420	304	540	Tr 420x5	70	90	G1/4	10,5	15	84,2	HM 3184	MS 3184
H 3184 HKB	400	420	304	540	Tr 420x5	70	90	G1/4	10,5	15	84,2	HM 3184	MS 3184
H 3284	400	420	352	540	Tr 420x5	70	90				96	HM 3184	MS 3184
H 3284 H	400	420	352	540	Tr 420x5	70	90	M 6	4	9	96	HM 3184	MS 3184
H 3284 HB	400	420	352	540	Tr 420x5	70	90	M 6	4	9	96	HM 3184	MS 3184
H 3284 HK	400	420	352	540	Tr 420x5	70	90	G1/4	11	15	96	HM 3184	MS 3184
H 3284 HKB	400	420	352	540	Tr 420x5	70	90	G1/4	11	15	96	HM 3184	MS 3184
H 3988	410	440	189	520	Tr 440x5	60	77				58	HM 3088	MS 3088
H 3988 H	410	440	189	520	Tr 440x5	60	77	M 8	6,5	12	58	HM 3088	MS 3088
H 3988 HB	410	440	189	520	Tr 440x5	60	77	M 8	6,5	12	58	HM 3088	MS 3088
H 3988 HK	410	440	189	520	Tr 440x5	60	77	G1/4	10	15	58	HM 3088	MS 3088
H 3988 HKB	410	440	189	520	Tr 440x5	60	77	G1/4	10	15	58	HM 3088	MS 3088
H 3088	410	440	228	520	Tr 440x5	60	77				65,2	HM 3088	MS 3088
H 3088 H	410	440	228	520	Tr 440x5	60	77	M 8	6,5	12	65,2	HM 3088	MS 3088
H 3088 HB	410	440	228	520	Tr 440x5	60	77	M 8	6,5	12	65,2	HM 3088	MS 3088
H 3088 HK	410	440	228	520	Tr 440x5	60	77	G1/4	11	15	65,2	HM 3088	MS 3088
H 3088 HKB	410	440	228	520	Tr 440x5	60	77	G1/4	11	15	65,2	HM 3088	MS 3088
H 3188	410	440	307	560	Tr 440x5	70	90				104	HM 3188	MS 3188
H 3188 H	410	440	307	560	Tr 440x5	70	90	M 8	6,5	12	104	HM 3188	MS 3188
H 3188 HB	410	440	307	560	Tr 440x5	70	90	M 8	6,5	12	104	HM 3188	MS 3188
H 3188 HK	410	440	307	560	Tr 440x5	70	90	G1/4	14	15	104	HM 3188	MS 3188
H 3188 HKB	410	440	307	560	Tr 440x5	70	90	G1/4	14	15	104	HM 3188	MS 3188
H 3288	410	440	361	560	Tr 440x5	70	90				118	HM 3188	MS 3188
H 3288 H	410	440	361	560	Tr 440x5	70	90	M 8	6,5	12	118	HM 3188	MS 3188
H 3288 HB	410	440	361	560	Tr 440x5	70	90	M 8	6,5	12	118	HM 3188	MS 3188
H 3288 HK	410	440	361	560	Tr 440x5	70	90	G1/4	16	15	118	HM 3188	MS 3188
H 3288 HKB	410	440	361	560	Tr 440x5	70	90	G1/4	16	15	118	HM 3188	MS 3188
H 3992	430	460	189	540	Tr 460x5	60	77				60	HM 3092	MS 3092
H 3992 H	430	460	189	540	Tr 460x5	60	77	M 8	6,5	12	60	HM 3092	MS 3092
H 3992 HB	430	460	189	540	Tr 460x5	60	77	M 8	6,5	12	60	HM 3092	MS 3092
H 3992 HK	430	460	189	540	Tr 460x5	60	77	G1/4	10	15	60	HM 3092	MS 3092



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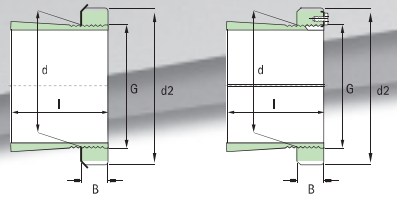
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 3992 HKB	430	460	189	540	Tr 460x5	60	77	G1/4	10	15	60	HM 3092	MS 3092
H 3092	430	460	234	540	Tr 460x5	60	77				71	HM 3092	MS 3092
H 3092 H	430	460	234	540	Tr 460x5	60	77	M 8	6,5	12	71	HM 3092	MS 3092
H 3092 HB	430	460	234	540	Tr 460x5	60	77	M 8	6,5	12	71	HM 3092	MS 3092
H 3092 HK	430	460	234	540	Tr 460x5	60	77	G1/4	11	15	71	HM 3092	MS 3092
H 3092 HKB	430	460	234	540	Tr 460x5	60	77	G1/4	11	15	71	HM 3092	MS 3092
H 3192	430	460	326	580	Tr 460x5	75	95				116	HM 3192	MS 3192
H 3192 H	430	460	326	580	Tr 460x5	75	95	M 8	6,5	12	116	HM 3192	MS 3192
H 3192 HB	430	460	326	580	Tr 460x5	75	95	M 8	6,5	12	116	HM 3192	MS 3192
H 3192 HK	430	460	326	580	Tr 460x5	75	95	G1/4	14	15	116	HM 3192	MS 3192
H 3192 HKB	430	460	326	580	Tr 460x5	75	95	G1/4	14	15	116	HM 3192	MS 3192
H 3292	430	460	382	580	Tr 460x5	75	95				134	HM 3192	MS 3192
H 3292 H	430	460	382	580	Tr 460x5	75	95	M 8	6,5	12	134	HM 3192	MS 3192
H 3292 HB	430	460	382	580	Tr 460x5	75	62	M 8	6,5	12	134	HM 3192	MS 3192
H 3292 HK	430	460	382	580	Tr 460x5	75	95	G1/4	17	15	134	HM 3192	MS 3192
H 3292 HKB	430	460	382	580	Tr 460x5	75	95	G1/4	17	15	134	HM 3192	MS 3192
H 3996	450	480	200	560	Tr 480x5	60	77				66	HM 3096	MS 3096
H 3996 H	450	480	200	560	Tr 480x5	60	77	M 8	6,5	12	66	HM 3096	MS 3096
H 3996 HB	450	480	200	560	Tr 480x5	60	77	M 8	6,5	12	66	HM 3096	MS 3096
H 3996 HK	450	480	200	560	Tr 480x5	60	77	G1/4	10	15	66	HM 3096	MS 3096
H 3996 HKB	450	480	200	560	Tr 480x5	60	77	G1/4	10	15	66	HM 3096	MS 3096
H 3096	450	480	237	560	Tr 480x5	60	77				75	HM 3096	MS 3096
H 3096 H	450	480	237	560	Tr 480x5	60	77	M 8	6,5	12	75	HM 3096	MS 3096
H 3096 HB	450	480	237	560	Tr 480x5	60	77	M 8	6,5	12	75	HM 3096	MS 3096
H 3096 HK	450	480	237	560	Tr 480x5	60	77	G1/4	11	15	75	HM 3096	MS 3096
H 3096 HKB	450	480	237	560	Tr 480x5	60	77	G1/4	11	15	75	HM 3096	MS 3096
H 3196	450	480	335	620	Tr 480x5	75	95				135	HM 3196	MS 3196
H 3196 H	450	480	335	620	Tr 480x5	75	95	M 8	6,5	12	135	HM 3196	MS 3196
H 3196 HB	450	480	335	620	Tr 480x5	75	95	M 8	6,5	12	135	HM 3196	MS 3196
H 3196 HK	450	480	335	620	Tr 480x5	75	95	G1/4	14	15	135	HM 3196	MS 3196
H 3196 HKB	450	480	335	620	Tr 480x5	75	95	G1/4	14	15	135	HM 3196	MS 3196
H 3296	450	480	397	620	Tr 480x5	75	95				153	HM 3196	MS 3196
H 3296 H	450	480	397	620	Tr 480x5	75	95	M 8	6,5	12	153	HM 3196	MS 3196
H 3296 HB	450	480	397	620	Tr 480x5	75	95	M 8	6,5	12	153	HM 3196	MS 3196
H 3296 HK	450	480	397	620	Tr 480x5	75	95	G1/4	17	15	153	HM 3196	MS 3196
H 3296 HKB	450	480	397	620	Tr 480x5	75	95	G1/4	17	15	153	HM 3196	MS 3196
H 39/500	470	500	208	580	Tr 500x5	68	85				74,3	HM 30/500	MS 30/500
H 39/500 H	470	500	208	580	Tr 500x5	68	85	M 8	6,5	12	74,3	HM 30/500	MS 30/500
H 39/500 HB	470	500	208	580	Tr 500x5	68	85	M 8	6,5	12	74,3	HM 30/500	MS 30/500
H 39/500 HK	470	500	208	580	Tr 500x5	68	85	G1/4	10	15	74,3	HM 30/500	MS 30/500
H 39/500 HKB	470	500	208	580	Tr 500x5	68	85	G1/4	10	15	74,3	HM 30/500	MS 30/500
H 30/500	470	500	247	580	Tr 500x5	68	85				82	HM 30/500	MS 30/500
H 30/500 H	470	500	247	580	Tr 500x5	68	85	M 8	6,5	12	82	HM 30/500	MS 30/500
H 30/500 HB	470	500	247	580	Tr 500x5	68	85	M 8	6,5	12	82	HM 30/500	MS 30/500
H 30/500 HK	470	500	247	580	Tr 500x5	68	85	G1/4	11	15	82	HM 30/500	MS 30/500





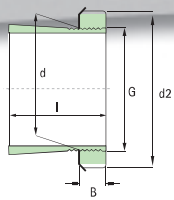
Spannhülsen / Adapter sleeves

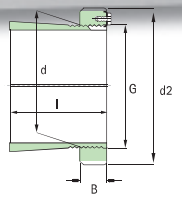
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 30/500 HKB	470	500	247	580	Tr 500x5	68	85	G1/4	11	15	82	HM 30/500	MS 30/500
H 31/500	470	500	356	630	Tr 500x5	80	100				145	HM 31/500	MS 31/500
H 31/500 H	470	500	356	630	Tr 500x5	80	100	M 8	6,5	12	145	HM 31/500	MS 31/500
H 31/500 HB	470	500	356	630	Tr 500x5	80	100	M 8	6,5	12	145	HM 31/500	MS 31/500
H 31/500 HK	470	500	356	630	Tr 500x5	80	100	G1/4	15	15	145	HM 31/500	MS 31/500
H 31/500 HKB	470	500	356	630	Tr 500x5	80	100	G1/4	15	15	145	HM 31/500	MS 31/500
H 32/500	470	500	428	630	Tr 500x5	80	100				166	HM 31/500	MS 31/500
H 32/500 H	470	500	428	630	Tr 500x5	80	100	M 8	6	12	166	HM 31/500	MS 31/500
H 32/500 HB	470	500	428	630	Tr 500x5	80	100	M 8	6	12	166	HM 31/500	MS 31/500
H 32/500 HK	470	500	428	630	Tr 500x5	80	100	G1/4	18	15	166	HM 31/500	MS 31/500
H 32/500 HKB	470	500	428	630	Tr 500x5	80	100	G1/4	18	15	166	HM 31/500	MS 31/500
H 39/530	500	530	216	630	Tr 530x6	68	90				87,9	HM 30/530	MS 30/530
H 39/530 H	500	530	216	630	Tr 530x6	68	90	M 8	6	12	87,9	HM 30/530	MS 30/530
H 39/530 HB	500	530	216	630	Tr 530x6	68	90	M 8	6	12	87,9	HM 30/530	MS 30/530
H 39/530 HK	500	530	216	630	Tr 530x6	68	90	G1/4	11	15	87,9	HM 30/530	MS 30/530
H 39/530 HKB	500	530	216	630	Tr 530x6	68	90	G1/4	11	15	87,9	HM 30/530	MS 30/530
H 30/530	500	530	265	630	Tr 530x6	68	90				105	HM 30/530	MS 30/530
H 30/530 H	500	530	265	630	Tr 530x6	68	90	M 8	6	12	105	HM 30/530	MS 30/530
H 30/530 HB	500	530	265	630	Tr 530x6	68	90	M 8	6	12	105	HM 30/530	MS 30/530
H 30/530 HK	500	530	265	630	Tr 530x6	68	90	G1/4	13	15	105	HM 30/530	MS 30/530
H 30/530 HKB	500	530	265	630	Tr 530x6	68	90	G1/4	13	15	105	HM 30/530	MS 30/530
H 31/530	500	530	364	670	Tr 530x6	80	105				161	HM 31/530	MS 31/530
H 31/530 H	500	530	364	670	Tr 530x6	80	105	M 8	6	12	161	HM 31/530	MS 31/530
H 31/530 HB	500	530	364	670	Tr 530x6	80	105	M 8	6	12	161	HM 31/530	MS 31/530
H 31/530 HK	500	530	364	670	Tr 530x6	80	105	G1/4	15	15	161	HM 31/530	MS 31/530
H 31/530 HKB	500	530	364	670	Tr 530x6	80	105	G1/4	15	15	161	HM 31/530	MS 31/530
H 32/530	500	530	447	670	Tr 530x6	80	105				192	HM 31/530	MS 31/530
H 32/530 H	500	530	447	670	Tr 530x6	80	105	M 8	6	12	192	HM 31/530	MS 31/530
H 32/530 HB	500	530	447	670	Tr 530x6	80	105	M 8	6	12	192	HM 31/530	MS 31/530
H 32/530 HK	500	530	447	670	Tr 530x6	80	105	G1/4	19	15	192	HM 31/530	MS 31/530
H 32/530 HKB	500	530	447	670	Tr 530x6	80	105	G1/4	19	15	192	HM 31/530	MS 31/530
H 39/560	530	560	227	650	Tr 560x6	75	97				95	HM 30/560	MS 30/560
H 39/560 H	530	560	227	650	Tr 560x6	75	97	M 8	6	12	95	HM 30/560	MS 30/560
H 39/560 HB	530	560	227	650	Tr 560x6	75	97	M 8	6	12	95	HM 30/560	MS 30/560
H 39/560 HK	530	560	227	650	Tr 560x6	75	97	G1/4	11	15	95	HM 30/560	MS 30/560
H 39/560 HKB	530	560	227	650	Tr 560x6	75	97	G1/4	11	15	95	HM 30/560	MS 30/560
H 30/560	530	560	282	650	Tr 560x6	75	97				112	HM 30/560	MS 30/560
H 30/560 H	530	560	282	650	Tr 560x6	75	97	M 8	6	12	112	HM 30/560	MS 30/560
H 30/560 HB	530	560	282	650	Tr 560x6	75	97	M 8	6	12	112	HM 30/560	MS 30/560
H 30/560 HK	530	560	282	650	Tr 560x6	75	97	G1/4	13	15	112	HM 30/560	MS 30/560
H 30/560 HKB	530	560	282	650	Tr 560x6	75	97	G1/4	13	15	112	HM 30/560	MS 30/560
H 31/560	530	560	377	710	Tr 560x6	85	110				185	HM 31/560	MS 31/560
H 31/560 H	530	560	377	710	Tr 560x6	85	110	M 8	6	12	185	HM 31/560	MS 31/560
H 31/560 HB	530	560	377	710	Tr 560x6	85	110	M 8	6	12	185	HM 31/560	MS 31/560
H 31/560 HK	530	560	377	710	Tr 560x6	85	110	G1/4	16	15	185	HM 31/560	MS 31/560



Spannhülsen / Adapter sleeves

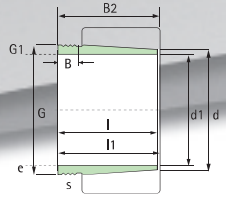
Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 31/560 HKB	530	560	377	710	Tr 560x6	85	110	G1/4	16	15	185	HM 31/560	MS 31/560
H 32/560	530	560	462	710	Tr 560x6	85	110				219	HM 31/560	MS 31/560
H 32/560 H	530	560	462	710	Tr 560x6	85	110	M 8	6	12	219	HM 31/560	MS 31/560
H 32/560 HB	530	560	462	710	Tr 560x6	85	110	M 8	6	12	219	HM 31/560	MS 31/560
H 32/560 HK	530	560	462	710	Tr 560x6	85	110	G1/4	19	15	219	HM 31/560	MS 31/560
H 32/560 HKB	530	560	462	710	Tr 560x6	85	110	G1/4	19	15	219	HM 31/560	MS 31/560
H 39/600	560	600	239	700	Tr 600x6	75	97				127	HM 30/600	MS 30/600
H 39/600 HK	560	600	239	700	Tr 600x6	75	97	G1/4	16	15	127	HM 30/600	MS 30/600
H 39/600 HKB	560	600	239	700	Tr 600x6	75	97	G1/4	16	15	127	HM 30/600	MS 30/600
H 30/600	560	600	289	700	Tr 600x6	75	97				147	HM 30/600	MS 30/600
H 30/600 HK	560	600	289	700	Tr 600x6	75	97	G1/4	18	15	147	HM 30/600	MS 30/600
H 30/600 HKB	560	600	289	700	Tr 600x6	75	97	G1/4	18	15	147	HM 30/600	MS 30/600
H 31/600	560	600	399	750	Tr 600x6	85	110				234	HM 31/600	MS 31/600
H 31/600 HK	560	600	399	750	Tr 600x6	85	110	G1/4	22	15	234	HM 31/600	MS 31/600
H 31/600 HKB	560	600	399	750	Tr 600x6	85	110	G1/4	22	15	234	HM 31/600	MS 31/600
H 32/600	560	600	487	750	Tr 600x6	85	110				278	HM 31/600	MS 31/600
H 32/600 HK	560	600	487	750	Tr 600x6	85	110	G1/4	25	15	278	HM 31/600	MS 31/600
H 32/600 HKB	560	600	487	750	Tr 600x6	85	110	G1/4	25	15	278	HM 31/600	MS 31/600
H 39/630	600	630	254	730	Tr 630x6	75	97				120	HM 30/630	MS 30/630
H 39/630 H	600	630	254	730	Tr 630x6	75	97	M 8	6	12	120	HM 30/630	MS 30/630
H 39/630 HB	600	630	254	730	Tr 630x6	75	97	M 8	6	12	120	HM 30/630	MS 30/630
H 39/630 HK	600	630	254	730	Tr 630x6	75	97	G1/4	12	15	120	HM 30/630	MS 30/630
H 39/630 HKB	600	630	254	730	Tr 630x6	75	97	G1/4	12	15	120	HM 30/630	MS 30/630
H 30/630	600	630	301	730	Tr 630x6	75	97				138	HM 30/630	MS 30/630
H 30/630 H	600	630	301	730	Tr 630x6	75	97	M 8	6	12	138	HM 30/630	MS 30/630
H 30/630 HB	600	630	301	730	Tr 630x6	75	97	M 8	6	12	138	HM 30/630	MS 30/630
H 30/630 HK	600	630	301	730	Tr 630x6	75	97	G1/4	13	15	138	HM 30/630	MS 30/630
H 30/630 HKB	600	630	301	730	Tr 630x6	75	97	G1/4	13	15	138	HM 30/630	MS 30/630
H 31/630	600	630	424	800	Tr 630x6	95	120				254	HM 31/630	MS 31/630
H 31/630 H	600	630	424	800	Tr 630x6	95	120	M 8	6	12	254	HM 31/630	MS 31/630
H 31/630 HB	600	630	424	800	Tr 630x6	95	120	M 8	6	12	254	HM 31/630	MS 31/630
H 31/630 HK	600	630	424	800	Tr 630x6	95	120	G1/4	17	15	254	HM 31/630	MS 31/630
H 31/630 HKB	600	630	424	800	Tr 630x6	95	120	G1/4	17	15	254	HM 31/630	MS 31/630
H 32/630	600	630	521	800	Tr 630x6	95	120				300	HM 31/630	MS 31/630
H 32/630 H	600	630	521	800	Tr 630x6	95	120	M 8	6	12	300	HM 31/630	MS 31/630
H 32/630 HB	600	630	521	800	Tr 630x6	95	120	M 8	6	12	300	HM 31/630	MS 31/630
H 32/630 HK	600	630	521	800	Tr 630x6	95	120	G1/4	21	15	300	HM 31/630	MS 31/630
H 32/630 HKB	600	630	521	800	Tr 630x6	95	120	G1/4	21	15	300	HM 31/630	MS 31/630
H 39/670	630	670	264	780	Tr 670x6	80	102				163	HM 30/670	MS 30/670
H 39/670 HK	630	670	264	780	Tr 670x6	80	102	G1/4	17	15	163	HM 30/670	MS 30/670
H 39/670 HKB	630	670	264	780	Tr 670x6	80	102	G1/4	17	15	163	HM 30/670	MS 30/670
H 30/670	630	670	324	780	Tr 670x6	80	102				191	HM 30/670	MS 30/670
H 30/670 HK	630	670	324	780	Tr 670x6	80	102	G1/4	19	15	191	HM 30/670	MS 30/670
H 30/670 HKB	630	670	324	780	Tr 670x6	80	102	G1/4	19	15	191	HM 30/670	MS 30/670
H 31/670	630	670	456	850	Tr 670x6	106	131				340	HM 31/670	MS 31/670





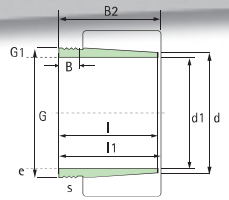
Spannhülsen / Adapter sleeves

Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal Dimensions									Gewicht kg Weight kg	Sicherungsmutter Lock Nut	Sicherungsblech Tab Wash
		d	l	d2	G	B	B1	G1	e	s			
Serie H / Series H													
H 31/670 HK	630	670	456	850	Tr 670x6	106	131	G1/4	23	15	340	HM 31/670	MS 31/670
H 31/670 HKB	630	670	456	850	Tr 670x6	106	131	G1/4	23	15	340	HM 31/670	MS 31/670
H 32/670	630	670	588	850	Tr 670x6	106	131				401	HM 31/670	MS 31/670
H 32/670 HK	630	670	588	850	Tr 670x6	106	131	G1/4	27	15	401	HM 31/670	MS 31/670
H 32/670 HKB	630	670	588	850	Tr 670x6	106	131	G1/4	27	15	401	HM 31/670	MS 31/670
H 39/710	670	710	286	830	Tr 710x7	90	112				196	HM 30/710	MS 30/710
H 39/710 HK	670	710	286	830	Tr 710x7	90	112	G1/4	18	15	196	HM 30/710	MS 30/710
H 39/710 HKB	670	710	286	830	Tr 710x7	90	112	G1/4	18	15	196	HM 30/710	MS 30/710
H 30/710	670	710	342	830	Tr 710x7	90	112				223	HM 30/710	MS 30/710
H 30/710 HK	670	710	342	830	Tr 710x7	90	112	G1/4	19	15	223	HM 30/710	MS 30/710
H 30/710 HKB	670	710	342	830	Tr 710x7	90	112	G1/4	19	15	223	HM 30/710	MS 30/710
H 31/710	670	710	467	900	Tr 710x7	106	135				378	HM 30/710	MS 30/710
H 31/710 HK	670	710	467	900	Tr 710x7	106	135	G1/4	24	15	378	HM 30/710	MS 30/710
H 31/710 HKB	670	710	467	900	Tr 710x7	106	135	G1/4	24	15	378	HM 30/710	MS 30/710
H 32/710	670	710	572	900	Tr 710x7	106	135				444	HM 31/710	MS 31/710
H 32/710 HK	670	710	572	900	Tr 710x7	106	135	G1/4	28	15	444	HM 31/710	MS 31/710
H 32/710 HKB	670	710	572	900	Tr 710x7	106	135	G1/4	28	15	444	HM 31/710	MS 31/710
H 39/750	710	750	291	870	Tr 750x7	90	112				211	HM 30/750	MS 30/750
H 39/750 HK	710	750	291	870	Tr 750x7	90	112	G1/4	18	15	211	HM 30/750	MS 30/750
H 39/750 HKB	710	750	291	870	Tr 750x7	90	112	G1/4	18	15	211	HM 30/750	MS 30/750
H 30/750	710	750	356	870	Tr 750x7	90	112				246	HM 30/750	MS 30/750
H 30/750 HK	710	750	356	870	Tr 750x7	90	112	G1/4	20	15	246	HM 30/750	MS 30/750
H 30/750 HKB	710	750	356	870	Tr 750x7	90	112	G1/4	20	15	246	HM 30/750	MS 30/750
H 31/750	710	750	493	950	Tr 750x7	112	141				451	HM 31/750	MS 31/750
H 31/750 HK	710	750	493	950	Tr 750x7	112	141	G1/4	24	15	451	HM 31/750	MS 31/750
H 31/750 HKB	710	750	493	950	Tr 750x7	112	141	G1/4	24	15	451	HM 31/750	MS 31/750
H 32/750	710	750	603	950	Tr 750x7	112	141				507	HM 31/750	MS 31/750
H 32/750 HK	710	750	603	950	Tr 750x7	112	141	G1/4	29	15	507	HM 31/750	MS 31/750
H 32/750 HKB	710	750	603	950	Tr 750x7	112	141	G1/4	29	15	507	HM 31/750	MS 31/750
H 39/800	750	800	303	920	Tr 800x7	90	112				259	HM 30/800	MS 30/800
H 39/800 HK	750	800	303	920	Tr 800x7	90	112	G1/4	23	15	259	HM 30/800	MS 30/800
H 39/800 HKB	750	800	303	920	Tr 800x7	90	112	G1/4	23	15	259	HM 30/800	MS 30/800
H 30/800	750	800	366	920	Tr 800x7	90	112				300	HM 30/800	MS 30/800
H 30/800 HK	750	800	366	920	Tr 800x7	90	112	G1/4	25	15	300	HM 30/800	MS 30/800
H 30/800 HKB	750	800	366	920	Tr 800x7	90	112	G1/4	25	15	300	HM 30/800	MS 31/600
H 31/800	750	800	505	1000	Tr 800x7	112	141				515	HM 31/800	MS 31/800
H 31/800 HK	750	800	505	1000	Tr 800x7	112	141	G1/4	30	15	515	HM 31/800	MS 31/800
H 31/800 HKB	750	800	505	1000	Tr 800x7	112	141	G1/4	30	15	515	HM 31/800	MS 31/800
H 32/800	750	800	618	1000	Tr 800x7	112	141				610	HM 31/800	MS 31/800
H 32/800 HK	750	800	618	1000	Tr 800x7	112	141	G1/4	34	15	610	HM 31/800	MS 31/800
H 32/800 HKB	750	800	618	1000	Tr 800x7	112	141	G1/4	34	15	610	HM 31/800	MS 31/800



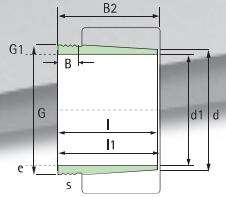
Abziehhülsen / Withdrawal sleeves

Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AH 320	95	100	59	63	M 115x2	10				0,66	KM 23	KM 19	MB 19
AHX 320	95	100	59	63	M 110x2	10				0,60	KM 22	KM 19	MB 19
AHX 3120	95	100	64	68	M 110x2	11				0,65	KM 22	KM 19	MB 19
AHX 3220	95	100	73	77	M 110x2	11				0,77	KM 22	KM 19	MB 19
AH 2320	95	100	90	94	M 120X2	15				1,23	KM 24	KM 19	MB 19
AHX 2320	95	100	90	94	M 110x2	16				1,00	KM 22	KM 19	MB 19
AH 322	100	110	63	67	M 130x2	12				1,26	KM 26	KM 20	MB 20
AH 3122	100	110	68	72	M 125x2	11				1,28	KM 25	KM 20	MB 20
AH 2322	100	110	98	102	M 130x2	16				2,11	KM 26	KM 20	MB 20
AHX 322	105	110	63	67	M 120X2	12				0,66	KM 24	KM 21	MB 21
AHX 3122	105	110	68	72	M 120X2	11				0,76	KM 24	KM 21	MB 21
AHX 3222	105	110	82	86	M 125x2	11				1,00	KM 25	KM 21	MB 21
AHX 3222 G	105	110	82	86	M 120X2	11				1,00	KM 24	KM 21	MB 21
AHX 2322	105	110	98	102	M 125x2	16				1,35	KM 25	KM 21	MB 21
AHX 2322 G	105	110	98	102	M 120X2	16				1,26	KM 24	KM 21	MB 21
AH 24122	105	110	82	91	M 115x2	13				0,73	KM 23	KM 21	MB 21
AH 3024	110	120	60	64	M 130x2	13				1,15	KM 26	KM 22	MB 22
AH 3124	110	120	75	79	M 140x2	12				1,67	KM 28	KM 22	MB 22
AH 2324	110	120	105	109	M 140x2	17				2,47	KM 28	KM 22	MB 22
AHX 3024	115	120	60	64	M 130x2	13				0,75	KM 26	KM 22	MB 22
AHX 3124	115	120	75	79	M 130x2	12				0,95	KM 26	KM 22	MB 22
AHX 3224	115	120	90	94	M 135x2	13				1,20	KM 27	KM 22	MB 22
AHX 3224 G	115	120	90	94	M 130x2	13				1,20	KM 26	KM 22	MB 22
AHX 2324	115	120	105	109	M 135x2	17				1,60	KM 27	KM 22	MB 22
AHX 2324 G	115	120	105	109	M 130x2	17				1,49	KM 26	KM 22	MB 22
AH 24024	115	120	73	82	M 125x2	13				0,65	KM 25	KM 22	MB 22
AH 24124	115	120	93	102	M 130x2	13				1,00	KM 26	KM 22	MB 22
AH 3026	120	130	67	71	M 140x2	14				1,41	KM 28	KM 24	MB 24
AH 3126	120	130	78	82	M 150x2	12				1,87	KM 30	KM 24	MB 24
AH 2326	120	130	115	119	M 150x2	19				3,02	KM 30	KM 24	MB 24
AHX 3026	125	130	67	71	M 140x2	14				0,93	KM 28	KM 24	MB 24
AHX 3126	125	130	78	82	M 140x2	12				1,09	KM 28	KM 24	MB 24
AHX 3226	125	130	98	102	M 145x2	15				1,58	KM 29	KM 24	MB 24
AHX 3226 G	125	130	98	102	M 140x2	15				1,47	KM 28	KM 24	MB 24
AHX 2326	125	130	115	119	M 145x2	19				1,97	KM 29	KM 24	MB 24
AHX 2326 G	125	130	115	119	M 140x2	19				1,83	KM 28	KM 24	MB 24
AH 24026	125	130	83	93	M 135x2	14				0,84	KM 27	KM 24	MB 24
AH 24126	125	130	94	104	M 140x2	14				1,15	KM 28	KM 24	MB 24
AH 3028	130	140	68	73	M 150x2	14				1,55	KM 30	KM 26	MB 26
AH 3128	130	140	83	88	M 160x3	14				2,21	KM 32	KM 26	MB 26
AH 2328	130	140	125	130	M 160x3	20				3,60	KM 32	KM 26	MB 26
AHX 3028	135	140	68	73	M 150x2	14				1,01	KM 30	KM 26	MB 26
AHX 3128	135	140	83	88	M 150x2	14				1,28	KM 30	KM 26	MB 26
AHX 3228	135	140	104	109	M 155x3	15				1,84	KM 31	KM 26	MB 26
AHX 3228 G	135	140	104	109	M 150x2	15				1,72	KM 30	KM 26	MB 26



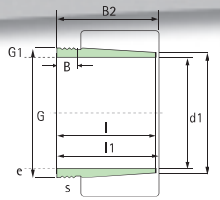
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AHX 2328	135	140	125	130	M 155x3	20				2,33	KM 31	KM 26	MB 26
AHX 2328 G	135	140	125	130	M 150x2	20				2,22	KM 30	KM 26	MB 26
AH 24028	135	140	83	93	M 145x2	14				0,94	KM 29	KM 26	MB 26
AH 24128	135	140	99	109	M 150x2	14				1,25	KM 30	KM 26	MB 26
AH 3030	140	150	72	77	M 160x3	15				1,76	KM 32	KM 28	MB 28
AH 3130	140	150	96	101	M 170x3	15				2,70	KM 34	KM 28	MB 28
AH 2330	140	150	135	140	M 170x3	24				4,22	KM 34	KM 28	MB 28
AHX 3030	145	150	72	77	M 160x3	15				1,15	KM 32	KM 28	MB 28
AHX 3130	145	150	96	101	M 165x3	15				1,79	KM 33	KM 28	MB 28
AHX 3130 G	145	150	96	101	M 160x3	15				1,64	KM 32	KM 28	MB 28
AHX 3230	145	150	114	119	M 165x3	17				2,22	KM 33	KM 28	MB 28
AHX 3230 G	145	150	114	119	M 160x3	17				2,07	KM 32	KM 28	MB 28
AHX 2330	145	150	135	140	M 165x3	24				2,82	KM 33	KM 28	MB 28
AHX 2330 G	145	150	135	140	M 160x3	24				2,60	KM 32	KM 28	MB 28
AH 24030	145	150	90	101	M 155x3	15				1,11	KM 31	KM 28	MB 28
AH 24130	145	150	115	126	M 160x3	15				1,60	KM 32	KM 28	MB 28
AH 3032	150	160	77	82	M 170x3	16				2,06	KM 34	KM 30	MB 30
AH 3132	150	160	103	108	M 180x3	16				3,21	KM 36	KM 30	MB 30
AH 3132 G	150	160	103	108	M 170x3	16				2,90	KM 34	KM 30	MB 30
AH 3232	150	160	124	130	M 180x3	20				4,08	KM 36	KM 30	MB 30
AH 3232 G	150	160	124	130	M 170x3	20				3,63	KM 34	KM 30	MB 30
AH 2332	150	160	140	146	M 180x3	24				4,72	KM 36	KM 30	MB 30
AH 2332 G	150	160	140	146	M 170x3	24				4,24	KM 34	KM 30	MB 30
AH 24032	150	160	95	106	M 170x3	15				2,27	KM 34	KM 30	MB 30
AH 24132	150	160	124	135	M 170x3	15				3,00	KM 34	KM 30	MB 30
AH 3034	160	170	85	90	M 180x3	17				2,43	KM 36	KM 32	MB 32
AH 3134	160	170	104	109	M 190x3	16				3,40	KM 38	KM 32	MB 32
AH 3134 G	160	170	104	109	M 180x3	16				3,04	KM 36	KM 32	MB 32
AH 3234	160	170	134	140	M 190x3	24				4,80	KM 38	KM 32	MB 32
AH 3234 G	160	170	134	140	M 180x3	24				4,35	KM 36	KM 32	MB 32
AH 2334	160	170	146	152	M 190x3	24				5,25	KM 38	KM 32	MB 32
AH 2334 G	160	170	146	152	M 180x3	24				4,81	KM 36	KM 32	MB 32
AH 24034	160	170	106	117	M 180x3	16				2,80	KM 36	KM 32	MB 32
AH 24134	160	170	125	136	M 180x3	16				3,21	KM 36	KM 32	MB 32
AH 3036	170	180	92	98	M 190x3	17				2,81	KM 38	KM 34	MB 34
AH 2236	170	180	105	110	M 200x3	17				3,73	KM 40	KM 34	MB 34
AH 2236 G	170	180	105	110	M 190x3	17				3,32	KM 38	KM 34	MB 34
AH 3136	170	180	116	122	M 200x3	19				4,22	KM 40	KM 34	MB 34
AH 3136 G	170	180	116	122	M 190x3	19				3,77	KM 38	KM 34	MB 34
AH 3236	170	180	140	146	M 200x3	24				5,32	KM 40	KM 34	MB 34
AH 3236 G	170	180	140	146	M 190x3	24				4,77	KM 38	KM 34	MB 34
AH 2336	170	180	154	160	M 200x3	26				5,83	KM 40	KM 34	MB 34
AH 2336 G	170	180	154	160	M 190x3	26				5,40	KM 38	KM 34	MB 34
AH 24036	170	180	116	127	M 190x3	16				3,10	KM 38	KM 34	MB 34
AH 24136	170	180	134	145	M 190x3	16				3,72	KM 38	KM 34	MB 34



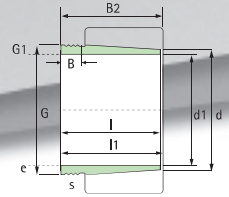
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AH 3038	180	190	96	102	Tr 205x4	18				3,32	HML 41 T	KM 36	MB 36
AH 3038 G	180	190	96	102	M 200x3	18				3,16	KM 40	KM 36	MB 36
AH 2238	180	190	112	117	Tr 210x4	18				4,25	HM 42 T	KM 36	MB 36
AH 2238 G	180	190	112	117	M 200x3	18				3,80	KM 40	KM 36	MB 36
AH 3138	180	190	125	131	Tr 210x4	20				4,89	HM 42 T	KM 36	MB 36
AH 3138 G	180	190	125	131	M 200x3	20				4,38	KM 40	KM 36	MB 36
AH 3238	180	190	145	152	Tr 210x4	25				5,90	HM 42 T	KM 36	MB 36
AH 3238 G	180	190	145	152	M 200x3	25				5,30	KM 40	KM 36	MB 36
AH 2338	180	190	160	167	Tr 210x4	26				6,63	HM 42 T	KM 36	MB 36
AH 2338 G	180	190	160	167	M 200x3	26				6,04	KM 40	KM 36	MB 36
AH 24038	180	190	118	131	M 200x3	18				3,46	KM 40	KM 36	MB 36
AH 24138	180	190	146	159	M 200x3	18				4,28	KM 40	KM 36	MB 36
AH 3040	190	200	102	108	Tr 215x4	19				3,8	HML 43 T	KM 38	MB 38
AH 3040 G	190	200	102	108	Tr 210x4	19				3,57	HM 42 T	KM 38	MB 38
AH 2240	190	200	118	123	Tr 220x4	19				4,68	HM 44 T	KM 38	MB 38
AH 3140	190	200	134	140	Tr 220x4	21				5,55	HM 44 T	KM 38	MB 38
AH 3240	190	200	153	160	Tr 220x4	25				6,59	HM 44 T	KM 38	MB 38
AH 2340	190	200	170	177	Tr 220x4	30				7,54	HM 44 T	KM 38	MB 38
AH 24040	190	200	127	140	Tr 210x4	18				3,93	HM 42 T	KM 38	MB 38
AH 24140	190	200	158	171	Tr 210x4	18				5,1	HM 42 T	KM 38	MB 38
AH 3044	200	220	111	117	Tr 235x4	20				7,4	HML 47 T	KM 40	MB 40
AH 3044 G	200	220	111	117	Tr 230x4	20				7,13	HM 46 T	KM 40	MB 40
AOH 3044	200	220	111	117	Tr 235x4	20	G1/8	7,5	12	7,4	HML 47 T	KM 40	MB 40
AOH 3044 G	200	220	111	117	Tr 230x4	20	G1/8	6,5	12	7,29	HM 46 T	KM 40	MB 40
AH 2244	200	220	130	136	Tr 240x4	20				9,1	HM 48 T	KM 40	MB 40
AOH 2244	200	220	130	136	Tr 240x4	20	G1/4	9	15	9,1	HM 48 T	KM 40	MB 40
AH 3144	200	220	145	151	Tr 240x4	23				10,4	HM 48 T	KM 40	MB 40
AOH 3144	200	220	145	151	Tr 240x4	23	G1/4	9	15	10,4	HM 48 T	KM 40	MB 40
AH 2344	200	220	181	189	Tr 240x4	30				13,5	HM 48 T	KM 40	MB 40
AOH 2344	200	220	181	189	Tr 240x4	30	G1/4	9	15	13,5	HM 48 T	KM 40	MB 40
AOH 24044	200	220	138	152	Tr 230x4	20	G1/8	6,5	12	8,25	HM 46 T	KM 40	MB 40
AOH 24144	200	220	170	184	Tr 230x4	20	G1/8	6,5	12	10,2	HM 46 T	KM 40	MB 40
AH 3048	220	240	116	123	Tr 260x4	21				8,75	HM 52 T	HM 44 T	MB 44
AOH 3048	220	240	116	123	Tr 260x4	21	G1/4	9	15	8,75	HM 52 T	HM 44 T	MB 44
AH 2248	220	240	144	150	Tr 260x4	21				11,1	HM 52 T	HM 44 T	MB 44
AOH 2248	220	240	144	150	Tr 260x4	21	G1/4	9	15	11,1	HM 52 T	HM 44 T	MB 44
AH 3148	220	240	154	161	Tr 260x4	25				12	HM 52 T	HM 44 T	MB 44
AOH 3148	220	240	154	161	Tr 260x4	25	G1/4	9	15	12	HM 52 T	HM 44 T	MB 44
AH 2348	220	240	189	197	Tr 260x4	30				15,5	HM 52 T	HM 44 T	MB 44
AOH 2348	220	240	189	197	Tr 260x4	30	G1/4	9	15	15,5	HM 52 T	HM 44 T	MB 44
AOH 24048	220	240	138	153	Tr 250x4	20	G1/8	6,5	12	9	HM 50 T	HM 44 T	MB 44
AOH 24148	220	240	180	195	Tr 260x4	20	G1/4	9	15	12,5	HM 52 T	HM 44 T	MB 44
AH 3052	240	260	128	135	Tr 280x4	23				10,7	HM 56 T	HM 48 T	MB 48
AOH 3052	240	260	128	135	Tr 280x4	23	G1/4	9	15	10,7	HM 56 T	HM 48 T	MB 48
AH 2252	240	260	155	161	Tr 290x4	23				14	HM 58 T	HM 48 T	MB 48



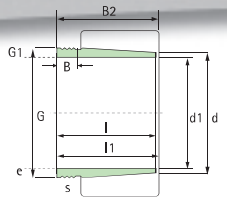
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AH 2252 G	240	260	155	161	Tr 280x4	23				13,3	HM 56 T	HM 48 T	MB 48
AOH 2252	240	260	155	161	Tr 290x4	23	G1/4	9,5	15	14	HM 58 T	HM 48 T	MB 48
AOH 2252 G	240	260	155	161	Tr 280x4	23	G1/4	9	15	13	HM 56 T	HM 48 T	MB 48
AH 3152	240	260	172	179	Tr 290x4	26				16,2	HM 58 T	HM 48 T	MB 48
AH 3152 G	240	260	172	179	Tr 280x4	26				15,1	HM 56 T	HM 48 T	MB 48
AOH 3152	240	260	172	179	Tr 290x4	26	G1/4	9,5	15	16,2	HM 58 T	HM 48 T	MB 48
AOH 3152 G	240	260	172	179	Tr 280x4	26	G1/4	9	15	15,5	HM 56 T	HM 48 T	MB 48
AH 2352	240	260	205	213	Tr 290x4	30				19,6	HM 58 T	HM 48 T	MB 48
AH 2352 G	240	260	205	213	Tr 280x4	30				18,7	HM 56 T	HM 48 T	MB 48
AOH 2352	240	260	205	213	Tr 290x4	30	G1/4	10,5	15	19,6	HM 58 T	HM 48 T	MB 48
AOH 2352 G	240	260	205	213	Tr 280x4	30	G1/4	9	15	18,9	HM 56 T	HM 48 T	MB 48
AOH 24052	240	260	162	178	Tr 270x4	22	G1/8	6,5	12	11,8	HM 54 T	HM 48 T	MB 48
AOH24052G	240	260	162	178	Tr 280x4	22	G1/8	6,5	12	12,3	HM 56 T	HM 48 T	MB 48
AOH 24152	240	260	202	218	Tr 280x4	22	G1/4	9	15	15,4	HM 56 T	HM 48 T	MB 48
AH 3056	260	280	131	139	Tr 300x4	24				12	HM 3060	HM 52 T	MB 52
AOH 3056	260	280	131	139	Tr 300x4	24	G1/4	9	15	12	HM 3060	HM 52 T	MB 52
AH 2256	260	280	155	163	Tr 310x5	24				15,2	HM 62 T	HM 52 T	MB 52
AH 2256 G	260	280	155	163	Tr 300x4	24				14,4	HM 3160	HM 52 T	MB 52
AOH 2256	260	280	155	163	Tr 310x5	24	G1/4	9,5	15	15,2	HM 62 T	HM 52 T	MB 52
AOH 2256 G	260	280	155	163	Tr 300x4	24	G1/4	9	15	14,6	HM 3160	HM 52 T	MB 52
AH 3156	260	280	175	183	Tr 310x5	28				17,5	HM 62 T	HM 52 T	MB 52
AH 3156 G	260	280	175	183	Tr 300x4	28				16,7	HM 3160	HM 52 T	MB 52
AOH 3156	260	280	175	183	Tr 310x5	28	G1/4	9,5	15	17,5	HM 62 T	HM 52 T	MB 52
AOH 3156 G	260	280	175	183	Tr 300x4	28	G1/4	9	15	17,1	HM 3160	HM 52 T	MB 52
AH 2356	260	280	212	220	Tr 310x5	30				21,6	HM 62 T	HM 52 T	MB 52
AH 2356 G	260	280	212	220	Tr 300x4	30				21	HM 3160	HM 52 T	MB 52
AOH 2356	260	280	212	220	Tr 310x5	30	G1/4	11	15	21,6	HM 62 T	HM 52 T	MB 52
AOH 2356 G	260	280	212	220	Tr 300x4	30	G1/4	9	15	21,3	HM 3160	HM 52 T	MB 52
AOH 24056	260	280	162	179	Tr 290x4	22	G1/8	6,5	12	12,8	HM 58 T	HM 52 T	MB 52
AOH24056G	260	280	162	179	Tr 300x4	22	G1/8	6,5	12	13,4	HM 3160	HM 52 T	MB 52
AOH 24156	260	280	202	219	Tr 300x4	22	G1/4	9	15	16,3	HM 3160	HM 52 T	MB 52
AH 3060	280	300	145	153	Tr 320x5	26				14,4	HM 3064	HM 56 T	MB 56
AOH 3060	280	300	145	153	Tr 320x5	26	G1/4	9	15	14,4	HM 3064	HM 56 T	MB 56
AH 2260	280	300	170	178	Tr 330x5	26				18,1	HM 66 T	HM 56 T	MB 56
AH 2260 G	280	300	170	178	Tr 320x5	26				17,2	HM 3164	HM 56 T	MB 56
AOH 2260	280	300	170	178	Tr 330x5	26	G1/4	10	15	18,1	HM 66 T	HM 56 T	MB 56
AOH 2260 G	280	300	170	178	Tr 320x5	26	G1/4	9	15	17,5	HM 3164	HM 56 T	MB 56
AH 3160	280	300	192	200	Tr 330x5	30				20,8	HM 66 T	HM 56 T	MB 56
AH 3160 G	280	300	192	200	Tr 320x5	30				19,9	HM 3164	HM 56 T	MB 56
AOH 3160	280	300	192	200	Tr 330x5	30	G1/4	10,5	15	20,8	HM 66 T	HM 56 T	MB 56
AOH 3160 G	280	300	192	200	Tr 320x5	30	G1/4	9	15	20,4	HM 3164	HM 56 T	MB 56
AH 3260	280	300	228	236	Tr 330x5	34				26	HM 66 T	HM 56 T	MB 56
AH 3260 G	280	300	228	236	Tr 320x5	34				24,6	HM 3164	HM 56 T	MB 56
AOH 3260	280	300	228	236	Tr 330x5	34	G1/4	11,5	15	26	HM 66 T	HM 56 T	MB 56
AOH 3260 G	280	300	228	236	Tr 320x5	34	G1/4	9	15	23,4	HM 3164	HM 56 T	MB 56



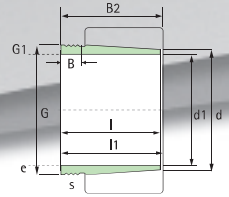
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AOH 24060	280	300	184	202	Tr 310x5	24	G1/8	6,5	12	15,5	HM 62 T	HM 56 T	MB 56
AOH24060G	280	300	184	202	Tr 320x5	24	G1/8	6,5	12	16,4	HM 3164	HM 56 T	MB 56
AOH 24160	280	300	224	242	Tr 320x5	24	G1/4	9	15	20,2	HM 3164	HM 56 T	MB 56
AH 3064	300	320	149	157	Tr 345x5	27				16	HML 69 T	HM 3060	MS 3060
AH 3064 G	300	320	149	157	Tr 340x5	27				15,8	HM 3068	HM 3060	MS 3060
AOH 3064	300	320	149	157	Tr 345x5	27	G1/4	9,5	15	16	HML 69 T	HM 3060	MS 3060
AOH 3064 G	300	320	149	157	Tr 340x5	27	G1/4	9	15	15,6	HM 3068	HM 3060	MS 3060
AH 2264	300	320	180	190	Tr 350x5	27				20,2	HM 70 T	HM 3060	MS 3060
AH 2264 G	300	320	180	190	Tr 340x5	27				19,8	HM 3168	HM 3060	MS 3060
AOH 2264	300	320	180	190	Tr 350x5	27	G1/4	10	15	20,2	HM 70 T	HM 3060	MS 3060
AOH 2264 G	300	320	180	190	Tr 340x5	27	G1/4	9	15	19,7	HM 3168	HM 3060	MS 3060
AH 3164	300	320	209	217	Tr 350x5	31				24,5	HM 70 T	HM 3060	MS 3060
AH 3164 G	300	320	209	217	Tr 340x5	31				23,6	HM 3168	HM 3060	MS 3060
AOH 3164	300	320	209	217	Tr 350x5	31	G1/4	10,5	15	24,5	HM 70 T	HM 3060	MS 3060
AOH 3164 G	300	320	209	217	Tr 340x5	31	G1/4	9	15	23,6	HM 3168	HM 3060	MS 3060
AH 3264	300	320	246	254	Tr 350x5	36				30,6	HM 70 T	HM 3060	MS 3060
AH 3264 G	300	320	246	254	Tr 340x5	36				28,9	HM 3168	HM 3060	MS 3060
AOH 3264	300	320	246	254	Tr 350x5	36	G1/4	12	15	30,6	HM 70 T	HM 3060	MS 3060
AOH 3264 G	300	320	246	254	Tr 340x5	36	G1/4	9	15	28,9	HM 3168	HM 3060	MS 3060
AOH 24064	300	320	184	202	Tr 330x5	24	G1/8	6,5	12	16,6	HM 66 T	HM 3060	MS 3060
AOH 24064 G	300	320	184	202	Tr 340x5	24	G1/8	6,5	12	17,5	HM 3168	HM 3060	MS 3060
AOH 24164	300	320	242	260	Tr 340x5	24	G1/4	9	15	21,4	HM 3168	HM 3060	MS 3060
AH 3068	320	340	162	171	Tr 365x5	28				19,5	HML 73 T	HM 3064	MS 3064
AH 3068 G	320	340	162	171	Tr 360x5		28			18,6	HM 3072	HM 3064	MS 3064
AOH 3068	320	340	162	171	Tr 365x5	28	G1/4	9,5	15	19,5	HML 73 T	HM 3064	MS 3064
AOH 3068 G	320	340	162	171	Tr 360x5	28	G1/4	9	15	18,6	HM 3072	HM 3064	MS 3064
AH 3168	320	340	225	234	Tr 370x5	33				29	HM 74 T	HM 3064	MS 3064
AH 3168 G	320	340	225	234	Tr 360x5	33				27,6	HM 3172	HM 3064	MS 3064
AOH 3168	320	340	225	234	Tr 370x5	33	G1/4	11	15	29	HM 74 T	HM 3064	MS 3064
AOH 3168 G	320	340	225	234	Tr 360x5	33	G1/4	9	15	27,6	HM 3172	HM 3064	MS 3064
AH 3268	320	340	264	273	Tr 370x5	38				35,4	HM 74 T	HM 3064	MS 3064
AH 3268 G	320	340	264	273	Tr 360x5	38				33,7	HM 3172	HM 3064	MS 3064
AOH 3268	320	340	264	273	Tr 370x5	38	G1/4	12,5	15	35,4	HM 74 T	HM 3064	MS 3064
AOH 3268G	320	340	264	273	Tr 360x5	38	G1/4	9	15	31,9	HM 3172	HM 3064	MS 3064
AOH 24068	320	340	206	225	Tr 360x5	26	G1/4	9	15	21,7	HM 3072	HM 3064	MS 3064
AOH 24168	320	340	269	288	Tr 360x5	26	G1/4	9	15	27,1	HM 3172	HM 3064	MS 3064
AH 3072	340	360	167	176	Tr 385x5	30				21	HML 77 T	HM 3068	MS 3064
AH 3072 G	340	360	167	176	Tr 380x5	30				20,4	HM 3076	HM 3068	MS 3064
AOH 3072	340	360	167	176	Tr 385x5	30	G1/4	9,5	15	21	HML 77 T	HM 3068	MS 3064
AOH 3072 G	340	360	167	176	Tr 380x5	30	G1/4	9	15	20,4	HM 3076	HM 3068	MS 3064
AH 3172	340	360	229	238	Tr 400x5	35				33	HM 3180	HM 3068	MS 3068
AH 3172 G	340	360	229	238	Tr 380x5	35				29,9	HM 3176	HM 3068	MS 3064
AOH 3172	340	360	229	238	Tr 400x5	35	G1/4	11	15	33	HM 3180	HM 3068	MS 3064
AOH 3172 G	340	360	229	238	Tr 380x5	35	G1/4	9	15	30,6	HM 3176	HM 3068	MS 3064
AH 3272	340	360	274	283	Tr 400x5	40				41,5	HM 3180	HM 3068	MS 3064



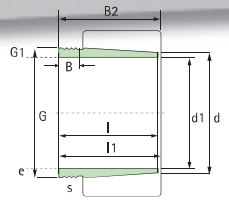
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AH 3272 G	340	360	274	283	Tr 380x5	40				37,5	HM 3176	HM 3068	MS 3064
AOH 3272	340	360	274	283	Tr 400x5	40	G1/4	13	15	41,5	HM 3180	HM 3068	MS 3064
AOH 3272 G	340	360	274	283	Tr 380x5	40	G1/4	9	15	35,4	HM 3176	HM 3068	MS 3064
AOH 24072	340	360	206	226	Tr 380x5	26	G1/4	9	15	22,7	HM 3076	HM 3068	MS 3064
AOH 24172	340	360	269	289	Tr 380x5	26	G1/4	9	15	30	HM 3176	HM 3068	MS 3064
AH 3076	360	380	170	180	Tr 410x5	31				23,2	HML 82 T	HM 3072	MS 3072
AH 3076 G	360	380	170	180	Tr 400x5	31				22,1	HM 3080	HM 3072	MS 3072
AOH 3076	360	380	170	180	Tr 410x5	31	G1/4	9,5	15	23,2	HML 82 T	HM 3072	MS 3072
AOH 3076 G	360	380	170	180	Tr 400x5	31	G1/4	9	15	22,7	HM 3080	HM 3072	MS 3072
AH 3176	360	380	232	242	Tr 420x5	36				35,7	HM 3184	HM 3072	MS 3072
AH 3176 G	360	380	232	242	Tr 400x5	36				32,2	HM 3180	HM 3072	MS 3072
AOH 3176	360	380	232	242	Tr 420x5	36	G1/4	11	15	35,7	HM 3184	HM 3072	MS 3072
AOH 3176 G	360	380	232	242	Tr 400x5	36	G1/4	9	15	32,9	HM 3180	HM 3072	MS 3072
AH 3276	360	380	284	294	Tr 420x5	42				45,6	HM 3184	HM 3072	MS 3072
AH 3276 G	360	380	284	294	Tr 400x5	42				41,5	HM 3180	HM 3072	MS 3072
AOH 3276	360	380	284	294	Tr 420x5	42	G1/4	13	15	45,6	HM 3184	HM 3072	MS 3072
AOH 3276 G	360	380	284	294	Tr 400x5	42	G1/4	9	15	42,1	HM 3180	HM 3072	MS 3072
AOH 24076	360	380	208	228	Tr 400x5	28	G1/4	9	15	23,7	HM 3080	HM 3072	MS 3072
AOH 24176	360	380	271	291	Tr 400x5	28	G1/4	9	15	31,3	HM 3180	HM 3072	MS 3072
AH 3080	380	400	183	193	Tr 430x5	33				27,3	HML 86 T	HM 3076	MS 3076
AH 3080 G	380	400	183	193	Tr 420x5	33				25,4	HM 3084	HM 3076	MS 3076
AOH 3080	380	400	183	193	Tr 430x5	33	G1/4	10	15	27,3	HML 86 T	HM 3076	MS 3076
AOH 3080 G	380	400	183	193	Tr 420x5	33	G1/4	9	15	26,1	HM 3084	HM 3076	MS 3076
AH 3180	380	400	240	250	Tr 440x5	38				39,5	HM 3188	HM 3076	MS 3076
AH 3180 G	380	400	240	250	Tr 420x5	38				35,3	HM 3184	HM 3076	MS 3076
AOH 3180	380	400	240	250	Tr 440x5	38	G1/4	11,5	15	39,5	HM 3188	HM 3076	MS 3076
AOH 3180 G	380	400	240	250	Tr 420x5	38	G1/4	9	15	36,1	HM 3184	HM 3076	MS 3076
AH 3280	380	400	302	312	Tr 440x5	44				51,7	HM 3188	HM 3076	MS 3076
AH 3280 G	380	400	302	312	Tr 420x5	44				47,4	HM 3184	HM 3076	MS 3076
AOH 3280	380	400	302	312	Tr 440x5	44	G1/4	14	15	51,7	HM 3188	HM 3076	MS 3076
AOH 3280 G	380	400	302	312	Tr 420x5	44	G1/4	9	15	48	HM 3184	HM 3076	MS3076
AOH 24080	380	400	228	248	Tr 420x5	28	G1/4	9	15	27,1	HM 3084	HM 3076	MS 3076
AOH 24180	380	400	278	298	Tr 420x5	28	G1/4	9	15	35	HM 3184	HM 3076	MS 3076
AH 3084	400	420	186	196	Tr 450x5	34				29	HML 90 T	HM 3080	MS 3080
AH 3084 G	400	420	186	196	Tr 440x5	34				27,3	HM 3088	HM 3080	MS 3080
AOH 3084	400	420	186	196	Tr 450x5	34	G1/4	10	15	29	HML 90T	HM 3080	MS 3080
AOH 3084 G	400	420	186	196	Tr 440x5	34	G1/4	9	15	27,3	HM 3088	HM 3080	MS 3080
AH 3184	400	420	266	276	Tr 460x5	40				46,5	HM 3192	HM 3080	MS 3080
AH 3184 G	400	420	266	276	Tr 440x5	40				42,3	HM 3188	HM 3080	MS 3080
AOH 3184	400	420	266	276	Tr 460x5	40	G1/4	12,5	15	46,5	HM 3192	HM 3080	MS 3080
AOH 3184 G	400	420	266	276	Tr 440x5	40	G1/4	9	15	42,3	HM 3188	HM 3080	MS 3080
AH 3284	400	420	321	331	Tr 460x5	46				58,9	HM 3192	HM 3080	MS 3080
AH 3284 G	400	420	321	331	Tr 440x5	46				54	HM 3188	HM 3080	MS 3080
AOH 3284	400	420	321	331	Tr 460x5	46	G1/4	14	15	58,9	HM 3192	HM 3080	MS 3080
AOH 3284 G	400	420	321	331	Tr 440x5	46	G1/4	9	15	54	HM 3188	HM 3080	MS 3080



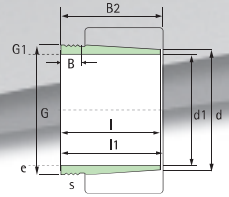
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AOH 24084	400	420	230	252	Tr 440x5	30	G1/4	9	15	29	HM 3088	HM 3080	MS 3080
AOH 24184	400	420	310	332	Tr 440x5	30	G1/4	9	15	40,3	HM 3188	HM 3080	MS 3080
AHX 3088	420	440	194	205	Tr 470x5	35				32	HML 94 T	HM 3084	MS 3084
AHX 3088 G	420	440	194	205	Tr 460x5	35				30,1	HM 3092	HM 3084	MS 3084
AOHX 3088	420	440	194	205	Tr 470x5	35	G1/4	10,5	15	32	HML 94 T	HM 3084	MS 3084
AOHX 3088 G	420	440	194	205	Tr 460x5	35	G1/4	9	15	30,1	HM 3092	HM 3084	MS 3084
AHX 3188	420	440	270	281	Tr 480x5	42				49,8	HM 3196	HM 3084	MS 3084
AHX 3188 G	420	440	270	281	Tr 460x5	42				42,3	HM 3192	HM 3084	MS 3084
AOHX 3188	420	440	270	281	Tr 480x5	42	G1/4	12,5	15	49,8	HM 3196	HM 3084	MS 3084
AOHX 3188 G	420	440	270	281	Tr 460x5	42	G1/4	9	15	42,3	HM 3192	HM 3084	MS 3084
AHX 3288	420	440	330	341	Tr 480x5	48				63,8	HM 3196	HM 3084	MS 3084
AHX 3288 G	420	440	330	341	Tr 460x5	48				58,8	HM 3192	HM 3084	MS 3084
AOHX 3288	420	440	330	341	Tr 480x5	48	G1/4	14,5	15	63,8	HM 3196	HM 3084	MS 3084
AOHX 3288 G	420	440	330	341	Tr 460x5	48	G1/4	9	15	58,8	HM 3192	HM 3084	MS 3084
AOH 24088 4	420	440	242	264	Tr 460x5	30	G1/4	9	15	31,9	HML 92 T	HM 3084	MS 3084
AOH 24188	420	440	310	332	Tr 460x5	30	G1/4	9	15	42,3	HM 3192	HM 3084	MS 3084
AHX 3092	440	460	202	213	Tr 490x5	37				35,2	HML 98 T	HM 3088	MS 3088
AHX 3092 G	440	460	202	213	Tr 480x5	37				33,1	HM 3096	HM 3088	MS 3088
AOHX 3092	440	460	202	213	Tr 490x5	37	G1/4	11	15	35,2	HML 98 T	HM 3088	MS 3088
AOHX 3092 G	440	460	202	213	Tr 480x5	37	G1/4	9	15	33,1	HM 3096	HM 3088	MS 3088
AHX 3192	440	460	285	296	Tr 510x6	43				57,9	HM 102 T	HM 3088	MS 3088
AHX 3192 G	440	460	285	296	Tr 480x5	43				50,8	HM 3196	HM 3088	MS 3088
AOHX 3192	440	460	285	296	Tr 510x6	43	G1/4	13	15	57,9	HM 102 T	HM 3088	MS 3088
AOHX 3192 G	440	460	285	296	Tr 480x5	43	G1/4	9	15	50,8	HM 3196	HM 3088	MS 3088
AHX 3292	440	460	349	360	Tr 510x6	50				74,8	HM 102 T	HM 3088	MS 3088
AHX 3292 G	440	460	349	360	Tr 480x5	50				66,3	HM 3196	HM 3088	MS 3088
AOHX 3292	440	460	349	360	Tr 510x6	50	G1/4	15	15	74,8	HM 102 T	HM 3088	MS 3088
AOHX 3290 G	440	460	349	360	Tr 480x5	50	G1/4	9	15	66,3	HM 3196	HM 3088	MS 3088
AOH 24092	440	460	250	273	Tr 480x5	32	G1/4	9	15	34,7	HML 96 T	HM 3088	MS 3088
AOH 24192	440	460	332	355	Tr 480x5	32	G1/4	9	15	47,4	HM 3196	HM 3088	MS 3088
AHX 3096	460	480	205	217	Tr 520x6	38				39,2	HML 104 T	HM 3092	MS 3092
AHX 3096G	460	480	205	217	Tr 500x5	38				35,3	HM 30/500	HM 3092	MS 3092
AOHX 3096	460	480	205	217	Tr 520x6	38	G1/4	11	15	39,2	HML 104 T	HM 3092	MS 3092
AOHX 3096G	460	480	205	217	Tr 500x5	38	G1/4	9	15	36	HM 30/500	HM3092	MS 3092
AHX 3196	460	480	295	307	Tr 530x6	45				63,1	HM 31/530	HM 3092	MS3092
AHX 3196G	460	480	295	307	Tr 500x5	45				55,5	HM 31/500	HM 3092	MS 3092
AOHX 3196	460	480	295	307	Tr 530x6	45	G1/4	13,5	15	63,1	HM 31/530	HM 3092	MS3092
AOHX 3196G	460	480	295	307	Tr 500x5	45	G1/4	9	15	56	HM 31/500	HM 3092	MS 3092
AHX 3296	460	480	364	376	Tr 530x6	52				82,1	HM 31/530	HM 3092	MS 3092
AHX 3296G	460	480	364	376	Tr 500x5	52				73,4	HM 31/500	HM 3092	MS 3092
AOHX 3296G	460	480	364	376	Tr 530x6	52	G1/4	15,5	15	82,1	HM 31/530	HM 3092	MS 3092
AOHX 3296G	460	480	364	376	Tr 500x5	52	G1/4	9	15	73,4	HM 31/500	HM 3092	MS 3092
AOH 24096	460	480	250	273	Tr 500x5	32	G1/4	9	15	36,3	HML 100 T	HM 3092	MS 3092
AOH 24196	460	480	340	363	Tr 500x5	32	G1/4	9	15	53,7	HM 31/500	HM 3092	MS 3092
AHX 30/500	480	500	209	221	Tr 540x6	40				42,5	HML 108 T	HM 3096	MS 3096



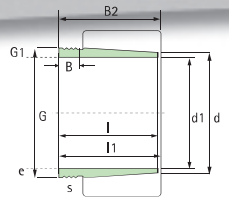
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AHX 30/500G	480	500	209	221	Tr 530x6	40				40	HM 30/530	HM 3096	MS 3096
AOHX 30/500	480	500	209	221	Tr 540x6	40	G1/4	11	15	42,5	HML 108 T	HM 3096	MS 3096
AOHX30/500G	480	500	209	221	Tr 530x6	40	G1/4	9	15	40	HM 30/530	HM 3096	MS 3096
AHX 31/500	480	500	313	325	Tr 550x6	47				70,9	HM 110 T	HM 3096	MS 3096
AHX 31/500 G	480	500	313	325	Tr 530x6	47				62,3	HM 31/530	HM 3096	MS 3096
AOHX 31/500	480	500	313	325	Tr 550x6	47	G1/4	14	15	70,9	HM 110 T	HM 3096	MS 3096
AOH 31/500 G	480	500	313	325	Tr 530x6	47	G1/4	9	15	62,3	HM 31/530	HM 3096	MS 3096
AHX 32/500	480	500	393	405	Tr 550x6	54				94,6	HM 110 T	HM 3096	MS 3096
AHX 32/500 G	480	500	393	405	Tr 530x6	54				88,1	HM 31/530	HM 3096	MS 3096
AOHX 32/500	480	500	393	405	Tr 550x6	54	G1/4	16,5	15	94,6	HM 110 T	HM 3096	MS 3096
AOHX32/500G	480	500	393	405	Tr 530x6	54	G1/4	9	15	89,3	HM 31/530	HM3096	MS 3096
AOH 240/500	480	500	253	276	Tr 530x6	35	G1/4	9	15	39,7	HML 106 T	HM 3096	MS 3096
AOH 241/500	480	500	360	383	Tr 530x6	35	G1/4	9	15	59,6	HM 31/530	HM 3096	MS 3096
AH 30/530	500	530	230	242	Tr 560x6	45				61,9	HM 30/560	HM 30/500	MS 30/500
AOH 30/530	500	530	230	242	Tr 560x6	45	G1/4	10	15	61,9	HM 30/560	HM 30/500	MS 30/500
AH 31/530	500	530	325	337	Tr 560x6	53				93,4	HM 31/560	HM 30/500	MS 30/500
AOH 31/530	500	530	325	337	Tr 560x6	53	G1/4	10	15	93,4	HM 31/560	HM 30/500	MS 30/500
AH 32/530	500	530	412	424	Tr 580x6	57				133	HM 116 T	HM 30/500	MS 30/500
AH 32/530 G	500	530	412	424	Tr 560x6	57				125	HM 31/560	HM 30/500	MS 30/500
AOH 32/530	500	530	412	424	Tr 580x6	57	G1/4	16,5	15	133	HM 116 T	HM 30/500	MS 30/500
AOH 32/530 G	500	530	412	424	Tr 560x6	57	G1/4	10	15	127	HM31/560	HM 30/500	MS 30/500
AOH 240/530	500	530	285	309	Tr 550x6	35	G1/4	9	15	66,9	HML 110 T	HM 30/500	MS 30/500
AOH 240/530 G	500	530	285	309	Tr 560x6	35	G1/4	9	15	67,9	HM 31/560	HM 30/500	MS 30/500
AOH 241/530	500	530	370	394	Tr 550x6	35	G1/4	9	15	88,4	HM 110 T	HM 30/500	MS 30/500
AOH241/530G	500	530	370	394	Tr 560x6	35	G1/4	9	15	89,9	HM 31/560	HM 30/500	MS 30/500
AHX 30/560	530	560	240	252	Tr 600x6	45				71,8	HM 30/600	HM 30/530	MS 30/530
AOHX 30/560	530	560	240	252	Tr 600x6	45	G1/4	11	15	71,8	HM 30/600	HM 30/530	MS 30/530
AH 31/560	530	560	335	347	Tr 600x6	55				106	HM 31/600	HM 30/530	MS 30/530
AOH 31/560	530	560	335	347	Tr 600x6	55	G1/4	11	15	106	HM 31/600	HM 30/530	MS 30/530
AHX 32/560	530	560	422	434	Tr 600x6	57				140	HM 31/600	HM 30/530	MS 30/530
AOHX 32/560	530	560	422	434	Tr 600x6	57	G1/4	11	15	140	HM 31/600	HM 30/530	MS 30/530
AOH 240/560	530	560	296	320	Tr 580x6	38	G1/4	9	15	73	HML 116 T	HM 30/530	MS 30/530
AOH240/560G	530	560	296	320	Tr 600x6	38	G1/4	9	15	77,8	HM 31/600	HM 30/530	MS 30/530
AOH 241/560	530	560	393	417	Tr 580x6	38	G1/4	9	15	97	HM 116 T	HM 30/530	MS 30/530
AOH241/560G	530	560	393	417	Tr 600x6	38	G1/4	9	15	105	HM 31/600	HM 30/530	MS 30/530
AHX 30/600	570	600	245	259	Tr 630x6	45				75,6	HM 30/630	HM 30/560	MS 30/560
AOHX 30/600	570	600	245	259	Tr 630x6	45	G1/4	11	15	75,6	HM 30/630	HM 30/560	MS 30/560
AHX 31/600	570	600	355	369	Tr 630x6	55				118	HM 31/630	HM 30/560	MS 30/560
AOHX 31/600	570	600	355	369	Tr 630x6	55	G1/4	11	15	118	HM 31/630	HM 30/560	MS 30/560
AHX 32/600	570	600	445	459	Tr 650x6	57				167	HM 130 T	HM 30/560	MS 30/560
AHX 32/600 G	570	600	445	459	Tr 630x6	57				158	HM 31/630	HM 30/560	MS 30/560
AOHX 32/600	570	600	445	459	Tr 650x6	57	G1/4	16,5	15	167	HM 130 T	HM 30/560	MS 30/560
AOHX32/600G	570	600	445	459	Tr 630x6	57	G1/4	11	15	158	HM 31/630	HM 30/560	MS 30/560
AOHX240/600	570	600	310	336	Tr 630x6	38	G1/4	9	15	84,8	HMLL 125 T	HM 30/560	MS 30/560
AOHX241/600	570	600	413	439	Tr 630x6	38	G1/4	9	15	116	HM 31/630	HM 30/560	MS 30/560



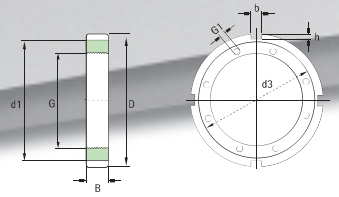
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Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AH 30/630	600	630	258	272	Tr 670x6	46				87,8	HM 30/670	HM 30/600	MS 30/600
AOH 30/630	600	630	258	272	Tr 670x6	46	G1/4	11	15	87,8	HM 30/670	HM 30/600	MS 30/600
AH 31/630	600	630	375	389	Tr 670x6	60				138	HM 31/670	HM 30/600	MS 30/600
AOH 31/630	600	630	375	389	Tr 670x6	60	G1/4	11	15	138	HM 31/670	HM 30/600	MS 30/600
AH 32/630	600	630	475	489	Tr 680x6	63				191	HM 136 T	HM 30/600	MS 30/600
AH 32/630 G	600	630	475	489	Tr 670x6	63				185	HM 31/670	HM 30/600	MS 30/600
AOH 32/630	600	630	475	489	Tr 680x6	63	G1/4	16,5	15	191	HM 136 T	HM 30/600	MS 30/600
AOH 32/630 G	600	630	475	489	Tr 670x6	63	G1/4	11	15	185	HM 31/670	HM 30/600	MS 30/600
AOH 240/630	600	630	330	356	Tr 650x6	40	G1/4	9	15	95,5	HML 130 T	HM 30/600	MS 30/600
AOH240/630G	600	630	330	356	Tr 670x6	40	G1/4	9	15	98,7	HM 31/670	HM 30/600	MS 30/600
AOH 241/630	600	630	440	466	Tr 650x6	40	G1/4	9	15	135	HM 130 T	HM 30/600	MS 30/600
AOH241/630G	600	630	440	466	Tr 670x6	40	G1/4	9	15	134	HM 31/670	HM 30/600	MS 30/600
AH 30/670	630	670	280	294	Tr 710x7	50				125	HM 30/710	HM 30/630	MS 30/630
AOH 30/670	630	670	280	294	Tr 710x7	50	G1/4	12	15	125	HM 30/710	HM 30/630	MS 30/630
AHX 31/670	630	670	395	409	Tr 710x7	59				187	HM 31/710	HM 30/630	MS 30/630
AOHX 31/670	630	670	395	409	Tr 710x7	59	G1/4	12	15	187	HM 31/710	HM 30/630	MS 30/630
AH 32/670	630	670	500	514	Tr 720x7	62				256	HM 144 T	HM 30/630	MS 30/630
AH 32/670 G	630	670	500	514	Tr 710x7	62				250	HM 31/710	HM 30/630	MS 30/630
AOH 32/670	630	670	500	514	Tr 720x7	62	G1/4	16,5	15	256	HM 144 T	HM 30/630	MS 30/630
AOH 32/670 G	630	670	500	514	Tr 710x7	62	G1/4	12	15	250	HM 31/710	HM 30/630	MS 30/630
AOH 240/670	630	670	348	374	Tr 690x6	40	G1/4	11,5	15	136	HML 138 T	HM 30/630	MS 30/630
AOH240/670G	630	670	348	374	Tr 710x7	40	G1/4	12	15	138	HM 31/710	HM 30/630	MS 30/630
AOH 241/670	630	670	452	478	Tr 710x7	40	G1/4	12	15	182	HM 142 T	HM 30/630	MS 30/630
AHX 30/710	670	710	286	302	Tr 750x7	50				135	HM 30/750	HM 30/670	MS 30/670
AOHX 30/710	670	710	286	302	Tr 750x7	50	G1/4	15	15	135	HM 30/750	HM 30/670	MS 30/670
AHX 31/710	670	710	405	421	Tr 750x7	60				205	HM 31/750	HM 30/670	MS 30/670
AOHX 31/710	670	710	405	421	Tr 750x7	60	G1/4	15	15	205	HM 31/750	HM 30/670	MS 30/670
AH 32/710	670	710	500	516	Tr 760x7	65				282	HM 31/750	HM 30/670	MS 30/670
AH 32/710 G	670	710	500	516	Tr 750x7	65				275	HM 31/750	HM 30/670	MS 30/670
AOH 32/710	670	710	500	516	Tr 760x7	65	G1/4	16,5	15	282	HM 31/750	HM 30/670	MS 30/670
AOH 32/710 G	670	710	500	516	Tr 750x7	65	G1/4	15	15	275	HM 31/750	HM 30/670	MS 30/670
AOH 240/710	670	710	360	386	Tr 730x7	45	G1/4	11,5	15	150	HML 146 T	HM 30/670	MS 30/670
AOH240/710G	670	710	360	386	Tr 750x7	45	G1/4	12	15	153	HM 31/750	HM 30/670	MS 30/670
AOH 241/710	670	710	483	509	Tr 750x7	45	G1/4	12	15	209	HM 150 T	HM 30/670	MS 30/670
AH 30/750	710	750	300	316	Tr 800x7	50				156	HM 30/800	HM 30/710	MS 30/710
AOH 30/750	710	750	300	316	Tr 800x7	50	G1/4	15	15	156	HM 30/800	HM 30/710	MS 30/710
AH 31/750	710	750	425	441	Tr 800x7	60				236	HM 31/800	HM 30/710	MS 30/710
AOH 31/750	710	750	425	441	Tr 800x7	60	G1/4	15	15	236	HM 31/800	HM 30/710	MS 30/710
AH 32/750	710	750	540	556	Tr 800x7	65				317	HM 31/800	HM 30/710	MS 30/710
AOH 32/750	710	750	540	556	Tr 800x7	65	G1/4	15	15	317	HM 31/800	HM 30/710	MS 30/710
AOH 240/750	710	750	380	408	Tr 775x7	45	G1/4	11,5	15	170	HML 155 T	HM 30/710	MS 30/710
AOH240/750G	710	750	380	408	Tr 800x7	45	G1/4	12	15	170	HM 31/800	HM 30/710	MS 30/710
AOH 241/750	710	750	520	548	Tr 775x7	45	G1/4	12	15	240	HM 155 T	HM 30/710	MS 30/710
AOH241/750G	710	750	520	548	Tr 800x7	45	G1/4	12	15	244	HM 31/800	HM 30/710	MS 30/710
AH 30/800	750	800	308	326	Tr 850x7	50				200	HM 30/850	HM 30/750	MS 30/750



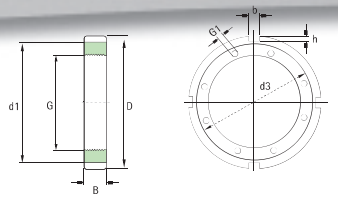
Abziehhülsen / Withdrawal sleeves

Artikelnr. Bearing No	Wellen-Ø Shaft-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	Demontagemutter Dismantling Nut	Sicherungsmutter Lock Nut	Sicherungsblech Tab Washer
		d	l	l1	G	B	G1	e	s				
Serie AH / Series AH													
AOH 30/800	750	800	308	326	Tr 850x7	50	G1/4	15	15	200	HM 30/850	HM 30/750	MS 30/750
AH 31/800	750	800	438	456	Tr 850x7	63				302	HM 31/850	HM 30/750	MS 30/750
AOH 31/800	750	800	438	456	Tr 850x7	63	G1/4	15	15	302	HM 31/850	HM 30/750	MS 30/750
AH 32/800	750	800	550	568	Tr 850x7	67				397	HM 31/850	HM 30/750	MS 30/750
AOH 32/800	750	800	550	568	Tr 850x7	67	G1/4	15	15	397	HM 31/850	HM 30/750	MS 30/750
AOH 240/800	750	800	395	423	Tr 830x7	50	G1/4	14	15	225	HMLL166T	HM 30/750	MS 30/750
AOH240/800G	750	800	395	423	Tr 850x7	50	G1/4	15	15	233	HM 31/850	HM 30/750	MS 30/750
AOH 241/800	750	800	525	553	Tr 830x7	50	G1/4	14,5	15	306	HMLL166T	HM 30/750	MS 30/750
AOH241/800G	750	800	525	553	Tr 850x7	50	G1/4	15	15	314	HM 31/850	HM 30/750	MS 30/750
AH 30/850	800	850	325	343	Tr 900x7	53				226	HM 30/900	HM 30/800	MS 30/800
AOH 30/850	800	850	325	343	Tr 900x7	53	G1/4	15	15	226	HM 30/900	HM 30/800	MS 30/800
AH 31/850	800	850	462	480	Tr 900x7	62				342	HM 31/900	HM 30/800	MS 30/800
AOH 31/850	800	850	462	480	Tr 900x7	62	G1/4	15	15	342	HM 31/900	HM 30/800	MS 30/800
AH 32/850	800	850	585	603	Tr 900x7	70				458	HM 31/900	HM 30/800	MS 30/800
AOH 32/850	800	850	585	603	Tr 900x7	70	G1/4	15	15	458	HM 31/900	HM 30/800	MS 30/800
AOH 240/850	800	850	415	445	Tr 875x7	50	G1/4	14	15	252	HML 175 T	HM 30/800	MS 30/800
AOH240/850G	800	850	415	445	Tr 900x7	50	G1/4	15	15	261	HM 31/900	HM 30/800	MS 30/800
AOH 241/850	800	850	560	600	Tr 900x7	60	G1/4	15	15	363	HM 31/900	HM 30/800	MS 30/800
AH 30/900	850	900	335	355	Tr 950x8	55				248	HM 30/950	HM 30/850	MS 30/850
AOH 30/900	850	900	335	355	Tr 950x8	55	G1/4	15	15	248	HM 30/950	HM 30/850	MS 30/850
AH 31/900	850	900	475	495	Tr 950x8	63				375	HM 31/950	HM 30/850	MS 30/850
AOH 31/900	850	900	475	495	Tr 950x8	63	G1/4	15	15	375	HM 31/950	HM 30/850	MS 30/850
AH 32/900	850	900	585	605	Tr 950x8	70				485	HM 31/950	HM 30/850	MS 30/850
AOH 32/900	850	900	585	605	Tr 950x8	70	G1/4	15	15	485	HM 31/950	HM 30/850	MS 30/850
AOH 240/900	850	900	430	475	Tr 950x8	55	G1/4	15	15	291	HM 31/950	HM 30/850	MS 30/850
AOH 241/900	850	900	575	620	Tr 950x8	60	G1/4	15	15	397	HM 31/950	HM 30/850	MS 30/850
AH 30/950	900	950	355	375	Tr 1000x8	55				279	HM30/1000	HM 30/950	MS 30/950
AOH 30/950	900	950	355	375	Tr 1000x8	55	G1/4	15	15	279	HM30/1000	HM 30/950	MS 30/950
AH 31/950	900	950	500	520	Tr 1000x8	62				422	HM31/1000	HM 30/950	MS 30/950
AOH 31/950	900	950	500	520	Tr 1000x8	62	G1/4	15	15	422	HM31/1000	HM 30/950	MS 30/950
AH 32/950	900	950	600	620	Tr 1000x8	70				527	HM31/1000	HM 30/950	MS 30/950
AOH 32/950	900	950	600	620	Tr 1000x8	70	G1/4	15	15	527	HM31/1000	HM 30/950	MS 30/950
AOH 240/950	900	950	467	512	Tr 1000x8	55	G1/4	15	15	335	HM31/1000	HM 30/950	MS 30/950
AOH 241/950	900	950	605	650	Tr 1000x8	60	G1/4	15	15	443	HM31/1000	HM 30/950	MS 30/950



Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie KM / Series KM												
KM 20	M 100x2	18	130	120		10	4			0,7	MB 20	
KM 20 H	M 100x2	18	130	120		10	4	M 6	112	0,67	MB 20	AM 6x40
KM 20 HS	M 100x2	18	130	120		10	4	M 6	112	0,75	MB 20	AM 6x40
KM 21	M 105x2	18	140	126		12	5			0,85	MB 21	
KM 21 H	M 105x2	18	140	126		12	5	M 6	117	0,82	MB 21	AM 6x40
KM 21 HS	M 105x2	18	140	126		12	5	M 6	117	0,9	MB 21	AM 6x40
KM 22	M 110x2	19	145	133		12	5			0,97	MB 22	
KM 22 H	M 110x2	19	145	133		12	5	M 6	122	0,94	MB 22	AM 6x40
KM 22 HS	M 110x2	19	145	133		12	5	M 6	122	1,01	MB 22	AM 6x40
KM 23	M 115x2	19	150	137		12	5			1,01	MB 23	
KM 23 H	M 115x2	19	150	137		12	5	M 6	127	0,99	MB 23	AM 6x40
KM 23 HS	M 115x2	19	150	137		12	5	M 6	127	1,06	MB 23	AM 6x40
KML 24	M 120x2	20	145	135		12	5			0,78	MBL 24	
KM 24	M 120x2	20	155	138		12	5			1,08	MB 24	
KM 24 H	M 120x2	20	155	138		12	5	M 8	134	1,03	MB 24	AM 8x45
KM 24 HS	M 120x2	20	155	138		12	5	M 8	134	1,16	MB 24	AM 8x45
KM 25	M 125x2	21	160	148		12	5			1,19	MB 25	
KM 25 H	M 125x2	21	160	148		12	5	M 8	139	1,14	MB 25	AM 8x45
KM 25 HS	M 125x2	21	160	148		12	5	M 8	139	1,27	MB 25	AM 8x45
KML 26	M 130x2	21	155	145		12	5			0,88	MBL 26	
KM 26	M 130x2	21	165	149		12	5			1,25	MB 26	
KM 26 H	M 130x2	21	165	149		12	5	M 8	144	1,2	MB 26	AM 8x45
KM 26 HS	M 130x2	21	165	149		12	5	M 8	144	1,33	MB 26	AM 8x45
KM 27	M 135x2	22	175	160		14	6			1,55	MB 27	
KM 27 H	M 135x2	22	175	160		14	6	M 8	149	1,5	MB 27	AM 8x45
KM 27 HS	M 135x2	22	175	160		14	6	M 8	149	1,63	MB 27	AM 8x45
KML 28	M 140x2	22	165	155		12	5			0,99	MBL 28	
KM 28	M 140x2	22	180	160		14	6			1,56	MB 28	
KM 28 H	M 140x2	22	180	160		14	6	M 8	154	1,51	MB 28	AM 8x45
KM 28 HS	M 140x2	22	180	160		14	6	M 8	154	1,64	MB 28	AM 8x45
KM 29	M 145x2	24	190	171		14	6			1,8	MB 29	
KM 29 H	M 145x2	24	190	171		14	6	M 8	159	1,75	MB 29	AM 8x45
KM 29 HS	M 145x2	24	190	171		14	6	M 8	159	1,88	MB 29	AM 8x45
KML 30	M 150x2	24	180	170		14	5			1,38	MBL 30	
KM 30	M 150x2	24	195	171		14	6			2,03	MB 30	
KM 30 H	M 150x2	24	195	171		14	6	M 10	168	1,93	MB 30	AM 10x45
KM 30 HS	M 150x2	24	195	171		14	6	M 10	168	2,17	MB 30	AM 10x45
KM 31	M 155x3	25	200	182		16	7			2,3	MB 31	
KM 31 H	M 155x3	25	200	182		16	7	M 10	173	2,2	MB 31	AM 10x45
KM 31 HS	M 155x3	25	200	182		16	7	M 10	173	2,44	MB 31	AM 10x45
KML 32	M 160x3	25	190	189		14	5			1,56	MBL 32	
KML 32 H	M 160x3	25	190	189		14	5	M 8	174	1,5	MBL 32	AM 8x45
KML32 HS	M 160x3	25	190	189		14	5	M 8	174	1,64	MBL 32	AM 8x45
KM 32	M 160x3	25	210	182		16	7			2,59	MB 32	
KM 32 H	M 160x3	25	210	182		16	7	M 10	178	2,49	MB 32	AM 10x45



Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie KM / Series KM												
KM 32 HS	M 160x3	25	210	182		16	7	M 10	178	2,73	MB 32	AM 10x45
KM 33	M 165x3	26	210	193		16	7			2,7	MB 33	
KM 33 H	M 165x3	26	210	193		16	7	M 10	183	2,6	MB 33	AM 10x45
KM 33HS	M 165x3	26	210	193		16	7	M 10	138	2,84	MB 33	AM 10x45
KML 34	M 170x3	26	200	190		16	5			1,72	MBL 34	
KML 34 H	M 170x3	26	200	190		16	5	M 8	184	1,65	MBL 34	AM 8x45
KML 34 HS	M 170x3	26	200	190		16	5	M 8	184	1,79	MBL 34	AM 8x45
KM 34	M 170x3	26	220	193		16	7			2,8	MB 34	
KM 34 H	M 170x3	26	220	193		16	7	M 10	188	2,7	MB 34	AM 10x45
KM 34 HS	M 170x3	26	220	193		16	7	M 10	188	2,94	MB 34	AM 10x45
KML36	M 180x3	27	210	200		16	5			1,95	MBL 36	
KML 36 H	M 180x3	27	210	200		16	5	M 8	194	1,88	MBL 36	AM 8x45
KML 36 HS	M 180x3	27	210	200		16	5	M 8	194	2,02	MBL 36	AM 8x45
KM 36	M 180x3	27	230	203		18	8			3,07	MB 36	
KM 36 H	M 180x3	27	230	203		18	8	M 10	198	2,96	MB 36	AM 10x45
KM 36 HS	M 180x3	27	230	203		18	8	M 10	198	3,2	MB 36	AM 10x45
KML 38	M 190x3	28	220	210		16	5			2,08	MBL 38	
KML 38 H	M 190x3	28	220	210		16	5	M 8	204	2	MBL 38	AM 8x45
KML 38 HS	M 190x3	28	220	210		16	5	M 8	204	2,14	MBL 38	AM 8x45
KM 38	M 190x3	28	240	214		18	8			3,39	MB 38	
KM 38 H	M 190x3	28	240	214		18	8	M 10	208	3,28	MB 38	AM 10x45
KM 38 HS	M 190x3	28	240	214		18	8	M 10	208	3,52	MB 38	AM 10x45
KML 40	M 200x3	29	240	222		18	8			2,98	MBL 40	
KML 40 H	M 200x3	29	240	222		18	8	M 10	218	2,86	MBL 40	AM 10x45
KML 40 HS	M 200x3	29	240	222		18	8	M 10	218	3,1	MBL 40	AM 10x45
KM 40	M 200x3	29	250	226		18	8			3,69	MB 40	
KM 40 H	M 200x3	29	250	226		18	8	M 10	218	3,57	MB 40	AM 10x45
KM 40 HS	M 200x3	29	250	226		18	8	M 10	218	3,81	MB 40	AM 10x45

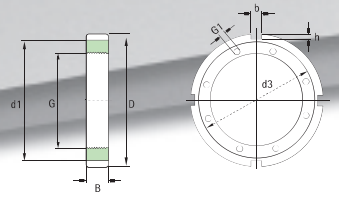


Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HML 41 T	Tr 205x4	30	250	232		18	8			3,43		
HMLL 42 T	Tr 210x4	26	250	234		18	8			2,9		
HM 42 T	Tr 210x4	30	270	238		20	10			4,75		
HM 42 TH	Tr 210x4	30	270	238		20	10	M 10	224	4,63		AM 10x45
HM 42 THS	Tr 210x4	30	270	238		20	10	M 10	224	4,87		AM 10x45
HML 43 T	Tr 215x4	30	260	242		20	9			3,72		
HM 3044	Tr 220x4	30	260	242	229	20	9			3,09	MS 3044	
HM 3044 H	Tr 220x4	30	260	242	229	20	9	M 10	236	2,97	MS 3044	AM 10x45
HM 3044 HS	Tr 220x4	30	260	242	229	20	9	M 10	236	3,21	MS 3044	AM 10x45
HM 3144	Tr 220x4	32	280	250	238	20	10			5,16	MS 3144	
HM 3144 H	Tr 220x4	32	280	250	238	20	10	M 16	246	4,82	MS 3144	AM 16x60
HM 3144 HS	Tr 220x4	32	280	250	238	20	10	M 16	246	5,64	MS 3144	AM 16x60
HM 44 T	Tr 220x4	32	280	250		20	10			5,35	MB 44	
HM 44 TH	Tr 220x4	32	280	250		20	10	M 12	237	5,16	MB 44	AM 12x60
HM 44 THS	Tr 220x4	32	280	250		20	10	M 12	237	5,63	MB 44	AM 12x60
HMLL 46 T	Tr 230x4	26	270	254		18	8			3,1		
HM 46 T	Tr 230x4	34	290	260		20	10			5,8		
HM 46 TH	Tr 230x4	34	290	260		20	10	M 12	248	5,6		AM 12x60
HM 46 THS	Tr 230x4	34	290	260		20	10	M 12	248	6,07		AM 12x60
HML 47 T	Tr 235x4	34	280	262		20	9			4,29		
HM 3048	Tr 240x4	34	290	270	253	20	10			5,16	MS 3048	
HM 3048 H	Tr 240x4	34	290	270	253	20	10	M 12	260	4,96	MS 3048	AM 12x60
HM 3048 HS	Tr 240x4	34	290	270	253	20	10	M 12	260	5,43	MS 3048	AM 12x60
HM 3148	Tr 240x4	34	300	270	258	20	10			5,91	MS 3148	
HM 3148 H	Tr 240x4	34	300	270	258	20	10	M 16	266	5,55	MS 3148	AM 16x60
HM 3148 HS	Tr 240x4	34	300	270	258	20	10	M 16	266	6,37	MS 3148	
HM 48 T	Tr 240x4	34	300	270		20	10			6,2	MB 48	
HM 48 TH	Tr 240x4	34	300	270		20	10	M 12	258	6,0	MB 48	
HM 48 THS	Tr 240x4	34	300	270		20	10	M 12	258	6,5	MB 48	
HMLL 50 T	Tr 250x4	26	290	274		18	8			3,4		
HM 50 T	Tr 250x4	35	320	290		20	10			7,0		
HM 50 TH	Tr 250x4	35	320	290		20	10	M 12	268	6,8		
HM 50 THS	Tr 250x4	35	320	290		20	10	M 12	268	7,3		
HML 52 T	Tr 260x4	30	310	290		20	10			5,15		
HM 3052	Tr 260x4	34	310	290	273	20	10			5,67	MS 3052	
HM 3052 H	Tr 260x4	34	310	290	273	20	10	M 12	280	5,47	MS 3052	
HM 3052 HS	Tr 260x4	34	310	290	273	20	10	M 12	280	5,94	MS 3052	
HM 52 T	Tr 260x4	35	330	300		24	12			8,4	MB 52	
HM 52 TH	Tr 260x4	35	330	300		24	12	M 12	278	8,2	MB 52	
HM 52 THS	Tr 260x4	35	330	300		24	12	M 12	278	8,7	MB 52	
HM 3152	Tr 260x4	36	330	300	281	24	12			7,99	MS 3152	
HM 3152 H	Tr 260x4	36	330	300	281	24	12	M 16	286	7,61	MS 3152	
HM 3152 HS	Tr 260x4	36	330	300	281	24	12	M 16	286	8,43	MS 3152	
HM 54 T	Tr 270x4	36	340	310		24	12			9,2		
HM 54 TH	Tr 270x4	36	340	310		24	12	M 12	288	9		

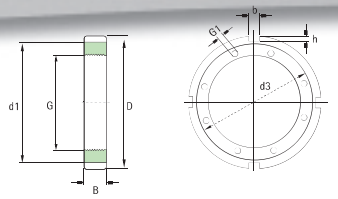
Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HM 54 THS	Tr 270x4	36	340	310		24	12	M 12	288	9,5		
HMLL 55 T	Tr 275x4	27	320	304		18	8			4,4		
HML56 T	Tr 280x4	30	330	310		24	10			5,49		
HM 56 T	Tr 280x4	36	350	320		24	12			9,6	MB 56	
HM 56 TH	Tr 280x4	36	350	320		24	12	M 12	298	9,4	MB 56	
HM 56 THS	Tr 280x4	36	350	320		24	12	M 12	298	9,9	MB 56	AM 12x60
HM 3056	Tr 280x4	38	330	310	293	24	10			6,78	MS 3056	
HM 3056 H	Tr 280x4	38	330	310	293	24	10	M 12	300	6,56	MS 3056	AM 12x60
HM 3056 HS	Tr 280x4	38	330	310	293	24	10	M 12	300	7,03	MS 3056	AM 12x60
HM 3156	Tr 280x4	38	330	320	301	24	12			8,99	MS 3156	
HM 3156 H	Tr 280x4	38	330	320	301	24	12	M 12	306	8,6	MS 3156	AM 16x60
HM 3156 HS	Tr 280x4	38	330	320	301	24	12	M 12	306	9,42	MS 3156	AM 16x60
HM 58 T	Tr 290x4	36	365	335		24	12			6,8		
HM 58 TH	Tr 290x4	36	365	335		24	12	M 12	308	6,6		AM 12x60
HM 58 THS	Tr 290x4	36	365	335		24	12	M 12	308	7		AM 12x60
HMLL 59 T	Tr 295x4	27	340	320		20	10			4,6		
HML 60 T	Tr 300x4	31	360	336		24	12			10,3		
HML 60 TH	Tr 300x4	31	360	336		24	12	M 12	317	10,1		AM 12x60
HML 60 THS	Tr 300x4	31	360	336		24	12	M 12	317	10,6		AM 12x60
HM 60 T	Tr 300x4	36	370	340		24	12			6,3		
HM 60 TH	Tr 300x4	36	370	340		24	12	M 12	318	6,2		AM 12x60
HM 60 THS	Tr 300x4	36	370	340		24	12	M 12	318	6,4		AM 12x60
HM 3060	Tr 300x4	42	360	336	316	24	12			9,62	MS 3060	
HM 3060 H	Tr 300x4	42	360	336	316	24	12	M 12	322	9,38	MS 3060	AM 12x60
HM 3060 HS	Tr 300x4	42	360	336	316	24	12	M 12	322	9,85	MS 3060	AM 12x60
HM 3160	Tr 300x4	40	380	340	326	24	12			11,7	MS 3160	
HM 3160 H	Tr 300x4	40	380	340	326	24	12	M 16	330	11,3	MS 3160	AM 16x60
HM 3160 HS	Tr 300x4	40	380	340	326	24	12	M 16	330	12,1	MS 3160	AM 16x60
HM 62 T	Tr 310x5	36	380	350		24	12			7,25		
HM 62 TH	Tr 310x5	36	380	350		24	12	M 12	328	7,1		AM 12x60
HM 3068	Tr 340x5	45	400	376	356	24	12			11,7	MS 3068	
HM 3068 H	Tr 340x5	45	400	376	356	24	12	M 12	362	11,4	MS 3068	AM 12x70
HM 3068 HS	Tr 340x5	45	400	376	356	24	12	M 12	362	12	MS 3068	AM 12x70
HM 3168	Tr 340x5	55	440	400	373	28	15			23	MS 3168	
HM 3168 H	Tr 340x5	55	440	400	373	28	15	M 20	374	22,1	MS 3168	AM 20x80
HM 3168 HS	Tr 340x5	55	440	400	373	28	15	M 20	374	23,9	MS 3168	AM 20x80
HML 69 T	Tr 345x5	33	410	384		28	13			9,51		
HML 69 TH	Tr 345x5	33	410	384		28	13	M 12	362	9,3		AM 12x60
HML 69 THS	Tr 345x5	33	410	384		28	13	M 12	362	9,8		AM 12x60
HM 70 T	Tr 350x5	42	430	400		28	15			15,4		
HM 70 TH	Tr 350x5	42	430	400		28	15	M 16	372	15		AM 16x60
HM 70 THS	Tr 350x5	42	430	400		28	15	M 16	372	15,9		AM 16x60
HMLL 71 T	Tr 355x5	28	410	386		24	12			6,9		
HMLL 71 TH	Tr 355x5	28	410	386		24	12	M 10	370	6,8		AM 10x45
HMLL 71 THS	Tr 355x5	28	410	386		24	12	M 10	370	7		AM 10x45



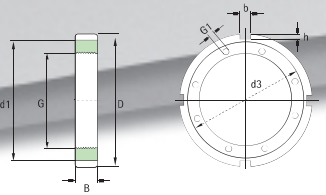
Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HML 72 T	Tr 360x5	35	420	394		28	13			10,2		
HML 72 TH	Tr 360x5	35	420	394		28	13	M 12	377	10		AM 12x60
HML 72 THS	Tr 360x5	35	420	394		28	13	M 12	377	10,5		AM 12x60
HM 72 T	Tr 360x5	45	440	410		28	15			16,5		
HM 72 TH	Tr 360x5	45	440	410		28	15	M 20	386	15,8		AM 20x80
HM 72 THS	Tr 360x5	45	440	410		28	15	M 20	386	17,6		AM 20x80
HM 3072	Tr 360x5	45	420	394	375	28	13			12	MS 3072	
HM 3072 H	Tr 360x5	45	420	394	375	28	13	M 12	382	11,7	MS 3072	AM 12x70
HM 3072 HS	Tr 360x5	45	420	394	375	28	13	M 12	382	12,3	MS 3072	AM 12x70
HM 3172	Tr 360x5	58	460	420	393	28	15			25	MS 3172	
HM 3172 H	Tr 360x5	58	460	420	393	28	15	M 20	394	24	MS 3172	AM 20x80
HM 3172 HS	Tr 360x5	58	460	420	393	28	15	M 20	394	25,8	MS 3172	AM 20x80
HML 73 T	Tr 365x5	35	430	404		28	13			10,7		
HML 73 TH	Tr 365x5	35	430	404		28	13	M 12	382	10,5		AM 12x60
HML 73 THS	Tr 365x5	35	430	404		28	13	M 12	382	11		AM 12x60
HM 74 T	Tr 370x5	45	450	420		28	15			17,4		
HM 74 TH	Tr 370x5	45	450	420		28	15	M 20	396	16,7		AM 20x80
HM 74 THS	Tr 370x5	45	450	420		28	15	M 20	396	18,5		AM 20x80
HMLL 75 T	Tr 375x5	28	430	406		24	12			7,3		
HMLL 75 TH	Tr 375x5	28	430	406		24	12	M 10	390	7,2		AM 10x45
HMLL 75 THS	Tr 375x5	28	430	406		24	12	M 10	390	7,4		AM 10x45
HML 76 T	Tr 380x5	37	445	417		28	14			11,3		
HML 76 TH	Tr 380x5	37	445	417		28	14	M 12	397	11,1		AM 12x60
HML 76 THS	Tr 380x5	37	445	417		28	14	M 12	397	11,6		AM 12x60
HM 76 T	Tr 380x5	45	470	430		30	18			20,2		
HM 76 TH	Tr 380x5	45	470	430		30	18	M 20	406	19,5		AM 20x80
HM 76 THS	Tr 380x5	45	470	430		30	18	M 20	406	21,3		AM 20x80
HM 3076	Tr 380x5	48	450	422	399	28	14			14,9	MS 3076	
HM 3076 H	Tr 380x5	48	450	422	399	28	14	M 16	406	14,4	MS 3076	AM 16x70
HM 3076 HS	Tr 380x5	48	450	422	399	28	14	M 16	406	15,3	MS 3076	AM 16x70
HM 3176	Tr 380x5	60	490	440	415	32	18			30,8	MS 3176	
HM 3176 H	Tr 380x5	60	490	440	415	32	18	M 20	416	29,8	MS 3176	AM 20x80
HM 3176 HS	Tr 380x5	60	490	440	415	32	18	M 20	416	31,6	MS 3176	AM 20x80
HML 77 T	Tr 385x5	37	450	422		28	14			11,8		
HML 77 TH	Tr 385x5	37	450	422		28	14	M 12	402	11,6		AM 12x60
HM 3148 HS	Tr 240x4	34	300	270	258	20	10	M 16	266	6,37	MS 3148	
HM 48 T	Tr 240x4	34	300	270		20	10			6,2	MB 48	
HM 48 TH	Tr 240x4	34	300	270		20	10	M 12	258	6,0	MB 48	
HM 48 THS	Tr 240x4	34	300	270		20	10	M 12	258	6,5	MB 48	
HMLL 50 T	Tr 250x4	26	290	274		18	8			3,4		
HM 50 T	Tr 250x4	35	320	290		20	10			7,0		
HM 50 TH	Tr 250x4	35	320	290		20	10	M 12	268	6,8		
HM 50 THS	Tr 250x4	35	320	290		20	10	M 12	268	7,3		
HML 52 T	Tr 260x4	30	310	290		20	10			5,15		
HM 3052	Tr 260x4	34	310	290	273	20	10			5,67	MS 3052	



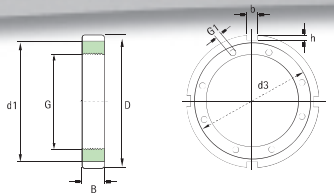
Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie KM / Series KM												
HM 3052 H	Tr 260x4	34	310	290	273	20	10	M 12	280	5,47	MS 3052	
HM 3052 HS	Tr 260x4	34	310	290	273	20	10	M 12	280	5,94	MS 3052	
HM 52 T	Tr 260x4	35	330	300		24	12			8,4	MB 52	
HM 52 TH	Tr 260x4	35	330	300		24	12	M 12	278	8,2	MB 52	
HM 52 THS	Tr 260x4	35	330	300		24	12	M 12	278	8,7	MB 52	
HM 3152	Tr 260x4	36	330	300	281	24	12			7,99	MS 3152	
HM 3152 H	Tr 260x4	36	330	300	281	24	12	M 16	286	7,61	MS 3152	
HM 3152 HS	Tr 260x4	36	330	300	281	24	12	M 16	286	8,43	MS 3152	
HM 54 T	Tr 270x4	36	340	310		24	12			9,2		
HM 54 TH	Tr 270x4	36	340	310		24	12	M 12	288	9		
HM 54 THS	Tr 270x4	36	340	310		24	12	M 12	288	9,5		
HMLL 55 T	Tr 275x4	27	320	304		18	8			4,4		
HML56 T	Tr 280x4	30	330	310		24	10			5,49		
HM 56 T	Tr 280x4	36	350	320		24	12			9,6	MB 56	
HM 56 TH	Tr 280x4	36	350	320		24	12	M 12	298	9,4	MB 56	
HM 3184	Tr 420x5	70	540	490	460	32	18			43,3	MS 3184	
HM 3184 H	Tr 420x5	70	540	490	460	32	18	M 24	466	41,6	MS 3184	AM 24x100
HM 3184 HS	Tr 420x5	70	540	490	460	32	18	M 24	466	44,9	MS 3184	AM 24x100
HML 86 T	Tr 430x5	41	500	472		32	14			15,8		
HML 86 TH	Tr 430x5	41	500	472		32	14	M 12	447	15,6		AM 12x70
HM 86 THS	Tr 430x5	41	500	472		32	14	M 12	447	16,1		AM 12x70
HMLL 87 T	Tr 435x5	30	500	474		28	13			10,7		
HMLL 87 TH	Tr 435x5	30	500	474		28	13	M 12	452	10,5		AM 12x60
HMLL 87 THS	Tr 435x5	30	500	474		28	13	M 12	452	11		AM 12x60
HM 88 T	Tr 440x5	51	540	500		36	20			28,8		
HM 88 TH	Tr 440x5	51	540	500		36	20	M 20	446	28		AM 20x100
HM 88 THS	Tr 440x5	51	540	500	500	36	20	M 20	446	30,1		AM 20x100
HM 3088	Tr 440x5	60	520	490	463	32	15			26,2	MS 3088	
HM 3088 H	Tr 440x5	60	520	490	463	32	15	M 16	468	25,6	MS 3088	AM 16x90
HM 3088 HS	Tr 440x5	60	520	490	463	32	15	M 16	468	26,7	MS 3088	AM 16x90
HM 3188	Tr 440x5	70	560	510	478	36	20			45,1	MS 3188	
HM 3188 H	Tr 440x5	70	560	510	478	36	20	M 24	485	43,4	MS 3188	AM 24x100
HM 3188 HS	Tr 440x5	70	560	510	478	36	20	M 24	485	46,7	MS 3188	AM 24x100
HML 90 T	Tr 450x5	41	520	490		32	15			16,3		
HML 90 TH	Tr 450x5	41	520	490		32	15	M 12	467	16,1		AM 12x70
HML 90 THS	Tr 450x5	41	520	490		32	15	M 12	467	16,6		AM 12x70
HMLL 92 T	Tr 460x5	33	530	504		28	13			13,5		
HMLL 92 TH	Tr 460x5	33	530	504		28	13	M 12	478	13,3		AM 12x60
HMLL 92 THS	Tr 460x5	33	530	504		28	13	M 12	478	13,8		AM 12x60
HM 92 T	Tr 460x5	53	550	510		36	20			28,8		
HM 92 TH	Tr 460x5	53	550	510		36	20	M 20	486	27,9		AM 20x100
HM 92 THS	Tr 460x5	53	550	510		36	20	M 20	486	30		AM 20x100
HM 3092	Tr 460x5	60	540	510	483	32	15			27	MS 3092	
HM 3092 H	Tr 460x5	60	540	510	483	32	15	M 16	488	26,4	MS 3092	AM 16x90
HM 3092 HS	Tr 460x5	60	540	510	483	32	15	M 16	488	27,5	MS 3092	AM 16x90



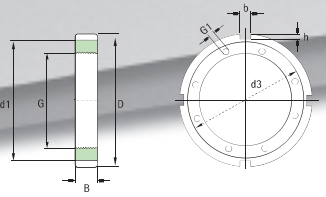
Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HM 3192	Tr 460x5	75	580	540	498	36	20			50,2	MS 3192	
HM 3192 H	Tr 460x5	75	580	540	498	36	20	M 24	506	48,4	MS 3192	AM 24x100
HM 3192 HS	Tr 460x5	75	580	540	498	36	20	M 24	506	51,7	MS 3192	AM 24x100
HML 94 T	Tr 470x5	43	540	510		32	15			18,3		
HML 94 TH	Tr 470x5	43	540	510		32	15	M 12	487	18,1		AM 12x70
HML 94 THS	Tr 470x5	43	540	510		32	15	M 12	487	18,6		AM 12x70
HMLL 96 T	Tr 480x5	33	550	522		33	14			13,9		
HMLL 96 TH	Tr 480x5	33	550	522		33	14	M 12	498	13,9		AM 12x60
HMLL 96 THS	Tr 480x5	33	550	522		33	14	M 12	498	13,9		AM 12x60
HM 96 T	Tr 480x5	56	590	590		56	20			37,5		
HM 96 TH	Tr 480x5	56	590	590		56	20	M 20	506	36,6		AM 20x100
HM 96 THS	Tr 480x5	56	590	590		56	20	M 20	506	38,7		AM 20x100
HM 3096	Tr 480x5	60	560	530	503	36	15			28,3	MS 3096	
HM 3096 H	Tr 480x5	60	560	530	503	36	15	M 16	508	27,7	MS 3096	AM 16x90
HM 3096 HS	Tr 480x5	60	560	530	503	36	15	M 16	508	28,8	MS 3096	AM 16x90
HM 3196	Tr 480x5	75	620	560	528	36	20			62	MS 3196	
HM 3196 H	Tr 480x5	75	620	560	528	36	20	M 24	526	60,2	MS 3196	AM 24x100
HM 3196 HS	Tr 480x5	75	620	560	528	36	20	M 24	526	63,5	MS 3196	AM 24x100
HML 98 T	Tr 490x5	45	570	540		36	15			22,5		
HML 98 TH	Tr 490x5	45	570	540		36	15	M 12	507	22,2		AM 12x70
HML 98 THS	Tr 490x5	45	570	540		36	15	M 12	507	22,7		AM 12x70
HMLL 100 T	Tr 500x5	37	575	547		32	15			17,6		
HMLL 100 TH	Tr 500x5	37	575	547		32	15	M 12	518	17,4		AM 12x60
HMLL 100 THS	Tr 500x5	37	575	547		32	15	M 12	518	17,9		AM 12x60
HM 30/500	Tr 500x5	68	580	550	523	36	15			33,6	MS 30/500	
HM 30/500 H	Tr 500x5	68	580	550	523	36	15	M 16	530	32,9	MS 30/500	AM 16x90
HM 30/500 HS	Tr 500x5	68	580	550	523	36	15	M 16	530	34	MS 30/500	AM 16x90
HM 31/500	Tr 500x5	80	630	580	540	40	23			63,1	MS 31/500	
HM 31/500 H	Tr 500x5	80	630	580	540	40	23	M 24	546	61,2	MS 31/500	AM 24x100
HM 31/500 HS	Tr 500x5	80	630	580	540	40	23	M 24	546	64,5	MS 31/500	AM 24x100
HM 102 T	Tr 510x6	58	620	570		40	23			41,2		
HM 102 TH	Tr 510x6	58	620	570		40	23	M 20	536	40,2		AM 20x100
HM 102 THS	Tr 510x6	58	620	570		40	23	M 20	536	42,3		AM 20x100
HMLL 104 T	Tr 520x6	42	595	565		32	15			20,8		
HMLL 104 TH	Tr 520x6	42	595	565		32	15	M 12	538	20,6		AM 12x70
HMLL 104 THS	Tr 520x6	42	595	565		32	15	M 12	538	21,1		AM 12x70
HML 104 T	Tr 520x6	47	600	570		36	15			25,3		
HML 104 TH	Tr 520x6	47	600	570		36	15	M 12	537	25		AM 12x70
HML 104 THS	Tr 520x6	47	600	570		36	15	M 12	537	25,5		AM 12x70
HM 106 T	Tr 530x6	60	640	590		40	23			44,2		
HM 106 TH	Tr 530x6	60	640	590		40	23	M 24	562	42,8		AM 24x100
HM 106 THS	Tr 530x6	60	640	590		40	23	M 24	562	46,1		AM 24x100
HM 30/530	Tr 530x6	75	630	590	558	40	20			42,8	MS 30/530	
HM 30/530 H	Tr 530x6	75	630	590	558	40	20	M 16	559	42,1	MS 30/530	AM 16x90
HM 30/530 HS	Tr 530x6	75	630	590	558	40	20	M 16	559	43,3	MS 30/530	AM 16x90



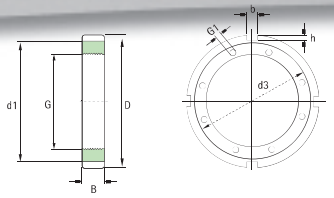
Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HM 31/530	Tr 530x6	80	670	610	575	40	23			74,3	MS 31/530	
HM 31/530 H	Tr 530x6	80	670	610	575	40	23	M 24	576	72,4	MS 31/530	AM 24x100
HM 31/530 HS	Tr 530x6	80	670	610	575	40	23	M 24	576	75,7	MS 31/530	AM 24x100
HML 108 T	Tr 540x6	49	620	590		40	20			27		
HML 108 TH	Tr 540x6	49	620	590		40	20	M 12	557	26,7		AM 12x70
HML 108 THS	Tr 540x6	49	620	590		40	20	M 12	557	27,2		AM 12x70
HMLL 110 T	Tr 550x6	47	625	595		32	15			24,7		
HMLL 110 TH	Tr 550x6	47	625	595		32	15	M 12	568	24,4		AM 12x70
HMLL 110 THS	Tr 550x6	47	625	595		32	15	M 12	568	24,9		AM 12x70
HM 110 T	Tr 550x6	63	670	620		40	23			53,3		
HM 110 TH	Tr 550x6	63	670	620		40	23	M 24	582	51,8		AM 24x100
HM 110 THS	Tr 550x6	63	670	620		40	23	M 24	582	55,1		AM 24x100
HML 112 T	Tr 560x6	60	650	610		40	20			32		
HML 112 TH	Tr 560x6	60	650	610		40	20	M 16	582	31,4		AM 16x90
HML 112 THS	Tr 560x6	60	650	610		40	20	M 16	582	32,5		AM 16x90
HM 30/560	Tr 560x6	75	650	610	583	40	20			44,2	MS 30/560	
HM 30/560 H	Tr 560x6	75	650	610	583	40	20	M 20	595	43	MS 30/560	AM 20x100
HM 30/560 HS	Tr 560x6	75	650	610	583	40	20	M 20	595	45,1	MS 30/560	AM 20x100
HM 31/560	Tr 560x6	85	710	650	608	45	25			88,9	MS 31/560	
HM 31/560 H	Tr 560x6	85	710	650	608	45	25	M 25	609	96,8	MS 31/560	AM 24x100
HM 31/560 HS	Tr 560x6	85	710	650	608	45	25	M 25	609	90,2	MS 31/560	AM 24x100
HMLL 116 T	Tr 580x6	47	660	630		32	15			27,9		
HMLL 116 TH	Tr 580x6	47	660	630		32	15	M 12	598	27,6		AM 12x70
HMLL 116 THS	Tr 580x6	47	660	630		32	15	M 12	598	28,1		AM 12x70
HM 116 T	Tr 580x6	65	700	645		40	23			57,3		
HM 116 TH	Tr 580x6	65	700	645		40	23	M 24	612	55,7		AM 24x100
HM 116 THS	Tr 580x6	65	700	645		40	23	M 24	612	59		AM 24x100
HML 118 T	Tr 590x6	63	690	650		40	20			47,7		
HML 118 TH	Tr 590x6	63	690	650		40	20	M 16	612	47		AM 16x90
HML 118 THS	Tr 590x6	63	690	650		40	20	M 16	612	48,1		AM 16x90
HM 30/600	Tr 600x6	75	700	660	628	40	20			53,8	MS 30/600	
HM 30/600 H	Tr 600x6	75	700	660	628	40	20	M 20	635	52,6	MS 30/600	AM 16x90
HM 30/600 HS	Tr 600x6	75	700	660	628	40	20	M 20	635	54,7	MS 30/600	AM 16x90
HM 31/600	Tr 600x6	85	750	690	648	45	25			94,9	MS 31/600	
HM 31/600 H	Tr 600x6	85	750	690	648	45	25	M 24	649	92,9	MS 31/600	AM 24x100
HM31/600 HS	Tr 600x6	85	750	690	648	45	25	M 24	649	96,2	MS 31/600	AM 24x100
HM 122 T	Tr 610x6	65	730	675		45	25			59,7		
HM 122 TH	Tr 610x6	65	730	675		45	25	M 24	642	58,1		AM 24x100
HM 122 THS	Tr 610x6	65	730	675		45	25	M 24	642	61,4		AM 24x100
HML 125 T	Tr 625x6	48	710	675		36	15			32,3		
HML 125 TH	Tr 625x6	48	710	675		36	15	M 12	643	32		AM 12x70
HML 125 THS	Tr 625x6	48	710	675		36	15	M 12	643	32,5		AM 12x70
HML 126 T	Tr 630x6	65	730	690		45	20			52,2		
HML 126 TH	Tr 630x6	65	730	690		45	20	M 16	652	51,5		AM 16x90
HML 126 THS	Tr 630x6	65	730	690		45	20	M 16	652	52,6		AM 16x90



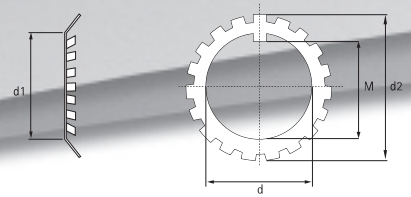
Muttern / Bearing nuts

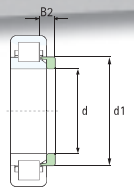
Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HM 30/630	Tr 630x6	75	730	690	658	45	20			56	MS 30/630	
HM 30/630 H	Tr 630x6	75	730	690	658	45	20	M 20	665	54,8	MS 30/630	AM 20x100
HM 30/630 HS	Tr 630x6	75	730	690	658	45	20	M 20	665	56,9	MS 30/630	AM 20x100
HM 31/630	Tr 630x6	95	800	730	685	50	28			127	MS 31/630	
HM 31/630 H	Tr 630x6	95	800	730	685	50	28	M 24	680	125	MS 31/630	AM 24x100
HM 31/630 HS	Tr 630x6	95	800	730	685	50	28	M 24	680	129	MS 31/630	AM 24x100
HM 130 T	Tr 650x6	67	780	720		45	25			70,9		
HM 130 TH	Tr 650x6	67	780	720		45	25	M 24	682	69,3		AM 24x100
HM 130 THS	Tr 650x6	67	780	720		45	25	M 24	682	72,6		AM 24x100
HMLL 131 T	Tr 655x6	52	745	715		36	15			39,5		
HMLL 131 TH	Tr 655x6	52	745	715		36	15	M 16	679	38,9		AM 16x90
HMLL 131 THS	Tr 655x6	52	745	715		36	15	M 16	679	40		AM 16x90
HML 134 T	Tr 670x6	70	770	730		45	20			59,8		
HML 134 TH	Tr 670x6	70	770	730		45	20	M 16	692	59,1		AM 16x90
HML 134 THS	Tr 670x6	70	770	730		45	20	M 16	692	60,2		AM 16x90
HM 30/670	Tr 670x6	80	780	740	703	45	20			71,5	MS 30/670	
HM 30/670 H	Tr 670x6	80	780	740	703	45	20	M 20	704	70,2	MS 30/670	AM 20x100
HM 30/670 HS	Tr 670x6	80	780	740	703	45	20	M 20	704	72,3	MS 30/670	AM 20x100
HM 31/670	Tr 670x6	106	850	775	730	50	28			162	MS 31/670	
HM 31/670 H	Tr 670x6	106	850	775	730	50	28	M 24	720	160	MS 31/670	AM 24x140
HM 31/670 HS	Tr 670x6	106	850	775	730	50	28	M 24	720	164	MS 31/670	AM 24x140
HM 136 T	Tr 680x6	72	820	750		50	28			84,8		
HM 136 TH	Tr 680x6	72	820	750		50	28	M 24	712	83,1		AM 24x100
HM 136 THS	Tr 680x6	72	820	750		50	28	M 24	712	86,4		AM 24x100
HMLL 139 T	Tr 695x6	53	795	755		40	20			46,4		
HMLL 139 TH	Tr 695x6	53	795	755		40	20	M 16	719	45,8		AM 16x90
HMLL 139 THS	Tr 695x6	53	795	755		40	20	M 16	719	46,9		AM 16x90
HML 142 T	Tr 710x7	70	830	780		50	25			75,7		
HML 142 TH	Tr 710x7	70	830	780		50	25	M 20	738	74,5		AM 20x100
HML 142 THS	Tr 710x7	70	830	780		50	25	M 20	738	76,6		AM 20x100
HM 30/710	Tr 710x7	90	830	780	742	50	25			90,7	MS 30/710	
HM 30/710 H	Tr 710x7	90	830	780	742	50	25	M 24	750	88,6	MS 30/710	AM 24x120
HM 30/710 HS	Tr 710x7	90	830	780	742	50	25	M 24	750	92,4	MS 30/710	AM 24x120
HM 31/710	Tr 710x7	106	900	825	772	55	30			180	MS 31/710	
HM 31/710 H	Tr 710x7	106	900	825	772	55	30	M 24	760	178	MS 31/710	AM 24x140
HM 31/710 HS	Tr 710x7	106	900	825	772	55	30	M 24	760	182	MS 31/710	AM 24x140
HM 144 T	Tr 720x7	72	870	800		50	28			97,8		
HM 144 TH	Tr 720x7	72	870	800		50	28	M 24	752	96,1		AM 24x100
HM 144 THS	Tr 720x7	72	870	800		50	28	M 24	752	99,4		AM 24x100
HMLL 148 T	Tr 740x7	55	840	800		40	20			51,5		
HMLL 148 TH	Tr 740x7	55	840	800		40	20	M 16	764	50,9		AM 16x90
HMLL 148 THS	Tr 740x7	55	840	800		40	20	M 16	764	52		AM 16x90
HML 150 T	Tr 750x7	70	870	820		55	25			79,6		
HML 150 TH	Tr 750x7	70	870	820		55	25	M 20	778	78,4		AM 20x100
HML 150 THS	Tr 750x7	70	870	820		55	25	M 20	778	80,5		AM 20x100



Muttern / Bearing nuts

Artikelnr. Bearing No	Gewinde-Ø Thread-Ø	Dimensionen / Principal D imensions								Gewicht kg Weight kg	U-Scheibe verzahnt Washer, toothed	Montageschraube Assembly Bolt
		B	D	d1	d2	b	h	G1	d3			
Serie HM / Series HM												
HM 30/750	Tr 750x7	90	870	820	782	55	25			95,1	MS 30/750	
HM 30/750 H	Tr 750x7	90	870	820	782	55	25	M 24	790	93	MS 30/750	AM 24x120
HM 30/750 HS	Tr 750x7	90	870	820	782	55	25	M 24	790	96,8	MS 30/750	AM 24x120
HM 31/750	Tr 750x7	112	950	875	813	60	34			208	MS 31/750	
HM 31/750 H	Tr 750x7	112	950	875	813	60	34	M 24	800	205	MS 31/750	AM 24x140
HM 31/750 HS	Tr 750x7	112	950	875	813	60	34	M 24	880	210	MS 31/750	AM 24x140
HM 152 T	Tr 760x7	75	910	830		55	30			104		
HM 152 TH	Tr 760x7	75	910	830		55	30	M 24	792	102		AM 24x100
HM 152 THS	Tr 760x7	75	910	830		55	30	M 24	792	105		AM 24x100
HMLL 156 T	Tr 780x7	56	880	840		40	20			55,2		
HMLL 156 TH	Tr 760x7	56	880	840		40	20	M 16	804	54,2		AM 16x90
HMLL 156 THS	Tr 760x7	56	880	840		40	20	M 16	804	55,7		AM 16x90
HML 160 T	Tr 800x7	70	920	865		55	25			84		
HML 160 TH	Tr 800x7	70	920	865		55	25	M 20	828	82,4		AM 20x100
HML 160 THS	Tr 800x7	70	920	865		55	25	M 20	828	84,9		AM 20x100
HM 160 T	Tr 800x7	75	950	870		60	34			109		
HM 160 TH	Tr 800x7	75	950	870		60	34	M 20	832	107		AM 20x100
HM 160 THS	Tr 800x7	75	950	870		60	34	M 20	832	110		AM 20x100
HM 30/800	Tr 800x7	90	920	870	832	55	25			102	MS 30/800	
HM 30/800 H	Tr 800x7	90	920	870	832	55	25	M 24	840	100	MS 30/800	AM 24x120
HM 30/800 HS	Tr 800x7	90	920	870	832	55	25	M 24	840	104	MS 30/800	AM 24x120
HM 31/800	Tr 800x7	112	1000	925	863	60	34			221	MS 31/800	
HM 31/800 H	Tr 800x7	112	1000	925	863	60	34	M 24	850	218	MS 31/800	AM 24x140
HM 31/800 HS	Tr 800x7	112	1000	925	863	60	34	M 24	850	223	MS 31/800	AM 24x140
HMLL 166 T	Tr 830x7	57	930	890		40	20			59,7		
HMLL 166 TH	Tr 830x7	57	930	890		40	20	M 16	854	59,1		AM 16x90
HMLL 166 THS	Tr 830x7	57	930	890		40	20	M 16	854	60,2		AM 16x90
HML 170 T	Tr 850x7	74	970	915		60	25			94		
HML 170 TH	Tr 850x7	74	970	915		60	25	M 20	880	92,8		AM 20x100
HML 170 THS	Tr 850x7	74	970	915		60	25	M 20	880	94		AM 20x100
HM 170 T	Tr 850x7	79	1010	930		60	34			131		
HM 170 TH	Tr 850x7	79	1010	930		60	34	M 24	882	129		AM 20x100
HM 170 THS	Tr 850x7	79	1010	930		60	34	M 24	882	132		AM 20x100
HM 30/850	Tr 850x7	90	980	925	887	60	25			118	MS 30/850	
HM 30/850 H	Tr 850x7	90	980	925	887	60	25	M 24	890	116	MS 30/850	AM 24x120
HM 30/850 HS	Tr 850x7	90	980	925	887	60	25	M 24	890	120	MS 30/850	AM 24X120
HM 31/850	Tr 850x7	118	1060	975	914	70	38			254	MS 31/850	
HM 31/850 H	Tr 850x7	118	1060	975	914	70	38	M 24	900	251	MS 31/850	AM 24x140
HM 31/850 HS	Tr 850x7	118	1060	975	914	70	38	M 24	900	256	MS 31/850	AM 24x140

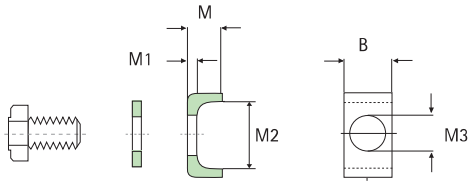




Sicherungsbleche / Lock Washers

Nummer number	Symbol Symbol
1	MB 22
2	MB 23
3	MB 24
4	MB 25
5	MB 26
6	MB 27
7	MB 28
8	MB 29
9	MB 30
10	MB 31

Nummer number	Symbol Symbol
11	MB 32
12	MB 33
13	MB 34
14	MB 36
15	MB 38
16	MB 40
17	MB 44
18	MB 48
19	MB 52
20	MB 56



Sicherungsbügel / Locking Clamps

Nummer number	Symbol Symbol
1	MS 3044
2	MS 3144
3	MS 3048
4	MS 3148
5	MS 3152
6	MS 3056
7	MS 3156
8	MS 3060
9	MS 3160
10	MS 3064
11	MS 3164
12	MS 3168
13	MS 3072
14	MS 3076
15	MS 3176
16	MS 3180
17	MS 3084
18	MS 3088

Nummer number	Symbol Symbol
19	MS 3188
20	MS 3096
21	MS 3196
22	MS 31/500
23	MS 30/530
24	MS 31/530
25	MS 30/560
26	MS 31/560
27	MS 30/630
28	MS 31/630
29	MS 30/670
30	MS 31/670
31	MS 30/710
32	MS 31/710
33	MS 30/750
34	MS 31/750
35	MS 30/850
36	MS 31/850

Winkelringe / Angle Rings

Nummer number	Symbol Symbol
1	HJ 213 E
2	HJ 2213 E
3	HJ 313 E
4	HJ 2313 E
5	HJ 214 E
6	HJ 2214 E
7	HJ 314 E
8	HJ 2314 E
9	HJ 215 E
10	HJ 2215 E
11	HJ 315 E
12	HJ 2315 E
13	HJ 216 E
14	HJ 2216 E
15	HJ 316 E
16	HJ 2316 E
17	HJ 217 E
18	HJ 2217 E
19	HJ 317 E
20	HJ 2317 E
21	HJ 218 E
22	HJ 2218 E
23	HJ 318 E
24	HJ 2318 E
25	HJ 219 E
26	HJ 2219 E
27	HJ 319 E
28	HJ 2319 E
29	HJ 220 E
30	HJ 2220 E
31	HJ 320 E
32	HJ 2320 E
33	HJ 222 E
34	HJ 2222 E
35	HJ 322 E
36	HJ 2322 E

Nummer number	Symbol Symbol
37	HJ 224 E
38	HJ 2224 E
39	HJ 324 E
40	HJ 2324 E
41	HJ 226 E
42	HJ 2226 E
43	HJ 326 E
44	HJ 2326 E
45	HJ 228 E
46	HJ 2228 E
47	HJ 328 E
48	HJ 2328 E
49	HJ 230 E
50	HJ 2230 E
51	HJ 330 E
52	HJ 2330 E
53	HJ 232 E
54	HJ 2232 E
55	HJ 332 E
56	HJ 2332 E
57	HJ 234 E
58	HJ 2234 E
59	HJ 334 E
60	HJ 2334 E
61	HJ 236 E
62	HJ 2236 E
63	HJ 336 E
64	HJ 2336 E