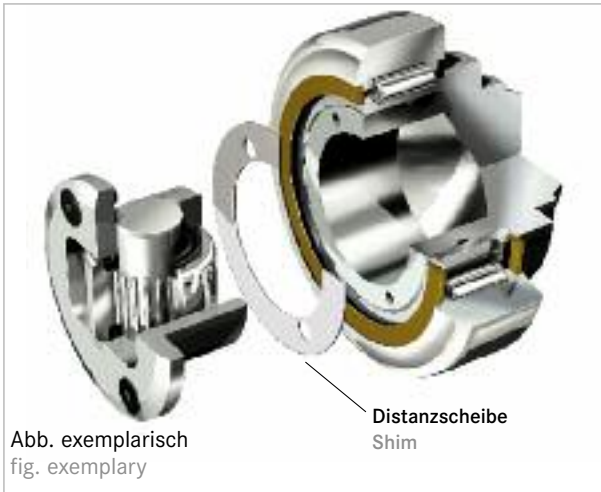




WINKEL-Rollen | WINKEL Bearings

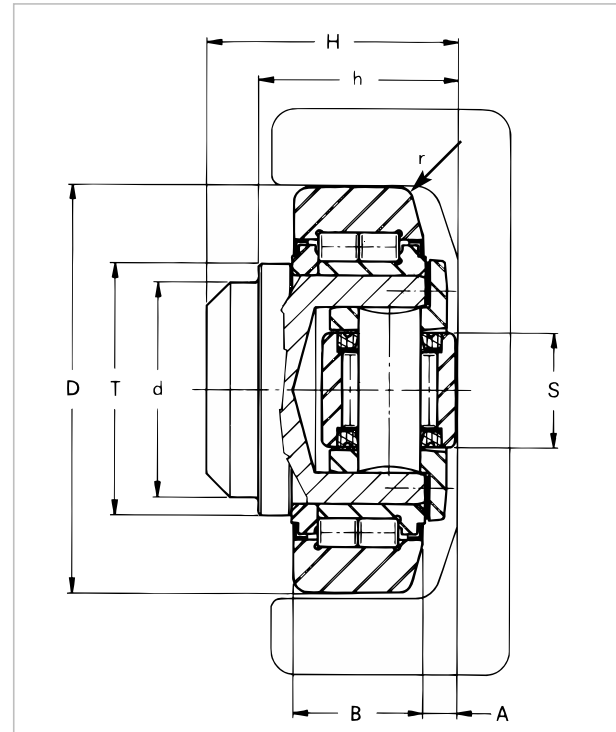
WINKEL-Rolle
axial über Scheiben justierbar



Justierung der Axialrolle über Distanzscheiben
Adjustment of the axial clearance with shims



WINKEL Bearing
axial adjustable by shims



Justierung der Axialrolle

Die Einstellung des Maßes (A) erfolgt durch Distanzscheiben zwischen Hauptkörper der Seitenführungsrolle und Bolzen.

- Scheiben mit 0,5 und 1,0 mm sind lieferbar.
- Max. Einstellbereich + 2 mm

Sonderbolzen auf Anfrage.

Adjusting of the axial bearing

The adjustment of dimension (A) is obtained by means of an insert positioned between the main body of the bearing and the housing of the side guide roller.

- Shims with 0.5 and 1.0 mm thickness are available.
- Max. adjusting + 2 mm

Special bolts on request.

CAD Download in 2D/3D unter www.winkel.de

CAD download in 2D/3D at www.winkel.de

Typ Type	Artikel-Nr. Article no.	D -0.1 [mm]	T [mm]	d -0.05 [mm]	H* [mm]	h* [mm]	B [mm]	A [mm]	S [mm]	r [mm]
4.072	200.011.000	62,5	42	30	43,0	33,0	20	5,5	16	3
4.073	200.012.000	70,1	48	35	48,0	40,0	23	6,5	16	4,5
4.074	200.013.007	78,1	54	40	50,5	39,5	23	7,0	21	4,5
4.075	200.014.000	77,7	54	40	45,0	34,0	23	7,0	21	4,5
4.076	200.015.000	88,4	59	45	61,0	48,0	30	7,0	21	4
4.077	200.017.000	101,2	67	50	50,5	37,5	28	7,0	21	4
4.078	200.020.000	107,7	71	55	58,5	44,5	31	8,0	33	5
4.0784	200.016.000	107,7	71	60	69,0	55,0	31	8,0	33	5
4.079	200.018.000	123,0	80	60	75,5	59,5	37	8,0	33	5
4.080	200.019.000	149,0	103	60	88,0	69,0	45	15,0	50	5

C = Dyn. Tragzahl Radiallager (ISO 281/1), C₀ = Stat. Tragzahl Radiallager (ISO 76)

C_A = Dyn. Tragzahl Axiallager (ISO 281/1), C_{0A} = Stat. Tragzahl Axiallager (ISO 76)

F_R = Tragzahl Radiallager zulässige Belastung zwischen Rolle und Profil

F_A = Tragzahl Axiallager zulässige Belastung zwischen Rolle und Profil

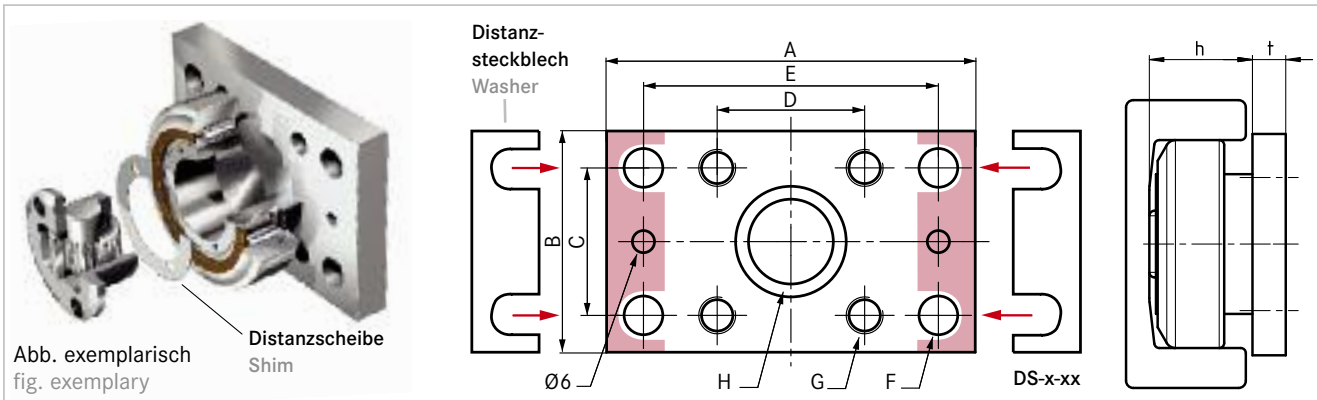
* Maße H und h ohne Distanzscheiben; max. +2 mm



WINKEL-Rollen | WINKEL Bearings

Passende Anschraubplatten

Suitable flange plates

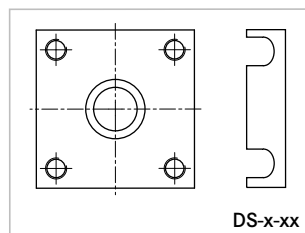


Typ Type	Artikel-Nr. Article no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Ø F [mm]	G	Ø H [mm]	t [mm]	Distanzsteckblech 0,5mm Washer 0.5mm		Distanzsteckblech 1,0mm Washer 1.0mm	
AP 0	212.003.000	100	60	40	40	80	10,5	M10	30	10	DS-0-0,5	238.020.000	DS-0-1,0	238.020.001
AP 1	212.004.000	120	80	50	50	90	12,5	M12	35	15	DS-1-0,5	238.021.000	DS-1-1,0	238.021.001
AP 2	212.005.000	120	80	50	50	90	12,5	M12	40	15	DS-2-0,5	238.021.000	DS-2-1,0	238.021.001
AP 3.1	212.006.001	160	100	60	60	120	17,0	M16	45	20	DS-3.1-0,5	238.105.000	DS-3.1-1,0	238.105.001
AP 4	212.007.001	180	120	80	80	140	17,0	M16	60	20	DS-4-0,5	238.023.000	DS-4-1,0	238.023.001
AP 6	212.008.000	200	150	100	100	160	17,0	M16	60	20	DS-6-0,5	238.024.000	DS-6-1,0	238.024.001

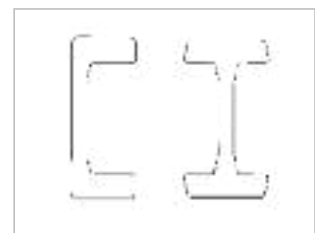
Passende Distanzscheiben | Suitable shims

Distanzscheiben passend für Shims suitable for	Distanzscheiben Stärke Shims thickness			
	0,5 mm		1,0 mm	
4.072 - 4.073	S-4.072-0,5	200.900.000	S-4.072-1,0	200.900.001
4.074 - 4.077	S-4.074-0,5	200.901.000	S-4.074-1,0	200.901.001
4.078 - 4.079	S-4.078-0,5	200.902.000	S-4.078-1,0	200.902.001
4.080	S-4.080-0,5	200.903.000	S-4.080-1,0	200.903.001

Anschraubplatten
quadratisch Reihe AP-Q S. 90
Flange plates
square series AP-Q page 90



Profile Seite 62 / 70
Profiles page 62 / 70



Typ Type	F _R [kN]	F _A [kN]	C [kN]	C ₀ [kN]	C _A [kN]	C _{0A} [kN]	Gewicht kg Weight kg	Anschraubplatten Flange plates		Profile Standard Profiles standard
4.072	10,30	3,20	31,0	35,5	8	8	0,56	AP0	AP0-Q	0 NbV
4.073	12,40	3,87	45,5	51,0	14	14	0,85	AP1	AP1-Q	1 NbV 3018 NbV
4.074	12,90	4,00	48,0	56,8	14	14	1,02	AP2	AP2-Q	2 NbV
4.075	12,90	4,00	48,0	56,8	14	14	0,92	-	-	3019 NbV
4.076	22,40	7,00	68,0	72,0	15	15	1,69	AP3.1	AP3-Q	3 NbV 3020 NbV
4.077	22,00	7,00	73,0	82,0	18	19	1,85	-	-	2912 NbV
4.078	23,80	7,44	81,0	95,0	31	36	2,38	-	-	3100 NbV
4.0784	23,80	7,44	81,0	95,0	31	36	2,80	AP4	AP4-Q	4 NbV
4.079	33,90 (26,00)	10,60	110,0	132,0	35	38	4,08	AP4	AP4-Q	5 NbV (3353 NbV)
4.080	39,50	18,50	151,0	192,0	68	71	6,70	AP6	AP6-Q	6 NbV

C = Dynamic load capacity radial bearing (ISO 281/1), C₀ = Static load capacity radial bearing (ISO 76),
C_A = Dynamic load capacity axial bearing (ISO 281/1), C_{0A} = Static load capacity axial bearing (ISO 76)
F_R = Load capacity radial bearing max. allowable force between bearing and profile
F_A = Load capacity axial bearing max. allowable force between bearing and profile