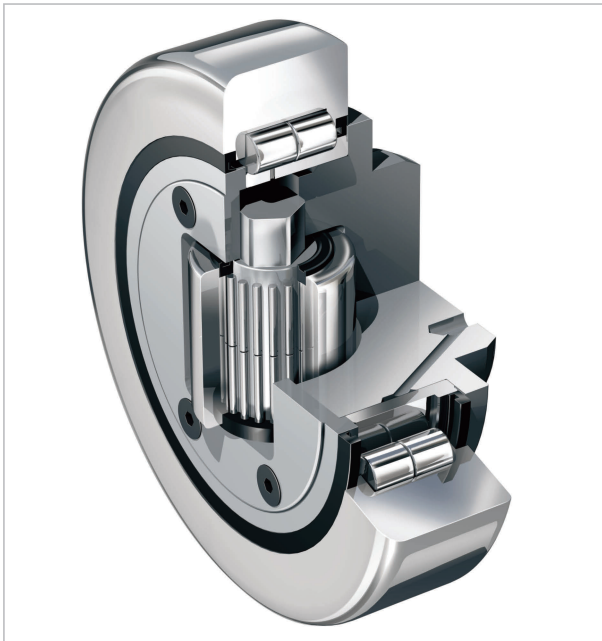




WINKEL-Rollen | WINKEL Bearings

Jumbo WINKEL-Rolle
Axialrolle justierbar



Die Einstellung der Axialrolle (Maß A) erfolgt durch Verdrehen des Bolzens der Axialrolle. Der Bolzen ist exzentrisch und hat 8 Stellpositionen. Das Radiallager ist nachschmierbar.

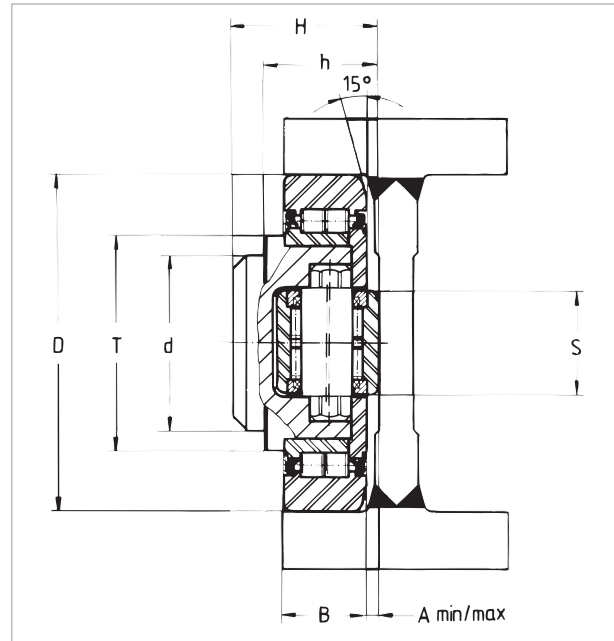
Jumbo-Rollen mit Oilamid-Einsatz auf Anfrage.

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



Nachschmiersysteme für WINKEL-Rollen
Lubrication systems for WINKEL bearings
(Seite/page 144)

Jumbo WINKEL Bearing
Axial Bearing adjustable



The adjustment of dimension (A) is obtained by turning the bolt of the side guide roller. The bolt is eccentric and has 8 adjustment positions. The radial bearing can be relubricated.

Jumbo rolls of Oilamid use on request.

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

NEU
NEW

Typ Type	Artikel-Nr. Article no.	D mm D mm	T mm T mm	d -0.05 mm d -0.05 mm	H mm H mm	h mm h mm	B mm B mm	A mm A mm	S mm S mm
4.085	201.049.000	180	124	100	95,7 - 98,7	76,3 - 79,3	57,3	6,5 - 9,5	60
4.089	201.050.000	165	113	80	69,0 - 72,0	53,0 - 56,0	40,0	5,0 - 8,0	50
4.090	201.051.000	190	124	100	84,5 - 87,5	64,5 - 67,5	48,0	6,5 - 9,5	60
4.091	201.052.000	220	146	110	94,5 - 97,5	74,5 - 77,5	58,0	6,5 - 9,5	75
4.092	201.053.000	250	168	120	102,0 - 105,0	77,0 - 80,0	60,0	7,0 - 10,0	75
4.093	201.054.000	280	188	150	119,5 - 123,5	89,5 - 93,5	72,0	7,5 - 11,5	90
4.094	201.055.000	320	218	150	135,0 - 139,0	110,0 - 114,0	85,0	10,0 - 14,0	90

NEU
NEW

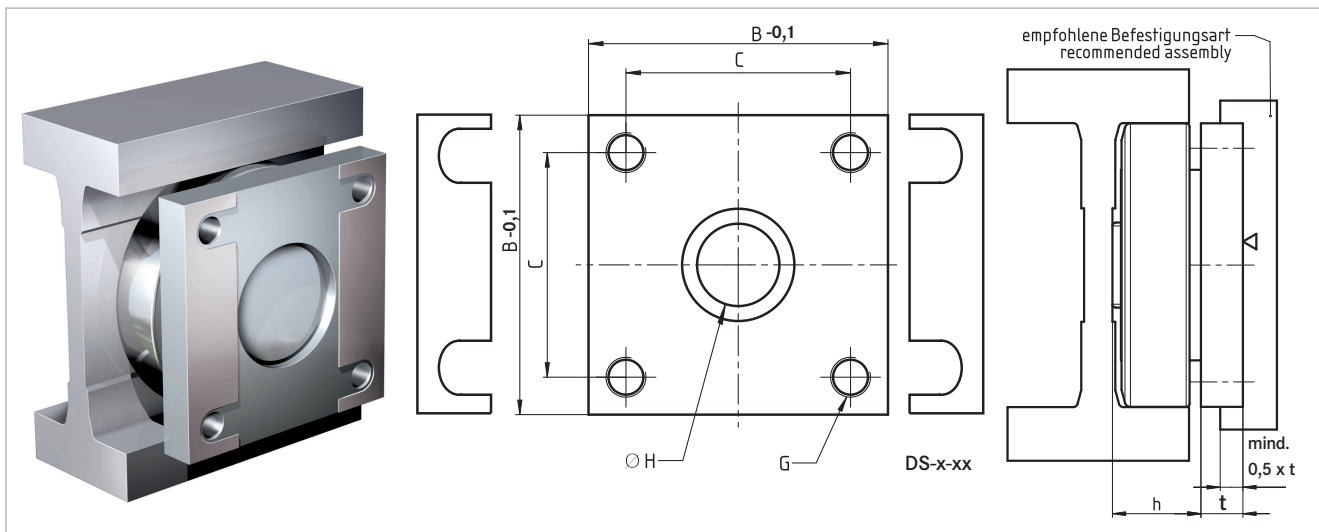
C = Dyn. Tragzahl Radiallager (ISO 281/1), C₀ = Stat. Tragzahl Radiallager (ISO 76)
C_A = Dyn. Tragzahl Axiallager (ISO 281/1), C_{0A} = Stat. Tragzahl Axiallager (ISO 76)
F_R = Tragzahl Radiallager zulässige Belastung zwischen Rolle und Profil
F_A = Tragzahl Axiallager zulässige Belastung zwischen Rolle und Profil

WINKEL-Rollen | WINKEL Bearings



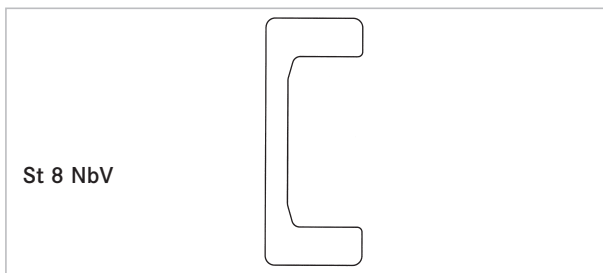
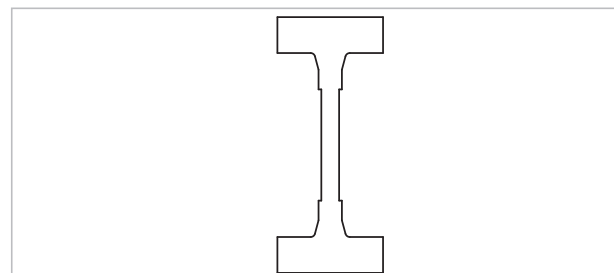
Passende Anschraubplatten

Suitable flange plates



Typ Type	Artikel-Nr. Article no.	B-0,1 B-0,1	C C	G G	Ø H Ø H	h h	t t	Distanzsteckblech 0,5mm Washer 0.5mm		Distanzsteckblech 1,0mm Washer 1.0mm	
AP 89-Q	212.200.001	165	125	M20	80	53,0 - 56,0	23	DS-89-0,5	238.033.000	DS-89-1,0	238.033.001
AP 90-Q (4.085 + AP 90-Q)	212.200.002	190	150	M20	100	64,5 - 67,5 (76,0 - 79,3)	28	DS-90-0,5	238.034.000	DS-90-1,0	238.034.001
AP 91-Q	212.200.003	220	176	M24	110	74,5 - 77,5	33	DS-91-0,5	238.035.000	DS-91-1,0	238.035.001
AP 92-Q	212.200.004	250	206	M24	120	77,0 - 80,0	37	DS-92-0,5	238.036.000	DS-92-1,0	238.036.001
AP 93-Q (4.094 + AP 93-Q)	212.200.005	280	220	M30	150	89,5 - 93,5 (110,0 - 114,0)	37	DS-93-0,5	238.037.000	DS-93-1,0	238.037.001

 NEU
NEW

 Profile S. 70
Profiles page 70

 Profile S. 80
Profiles page 80


Typ Type	F _R kN F _R kN	F _A kN F _A kN	C kN C kN	C ₀ kN C ₀ kN	C _A kN C _A kN	C _{0A} kN C _{0A} kN	u/min max. r/pm max.	Gewicht kg Weight kg	Anschraubplatten Flange plates	Profile Profiles
4.085	91,80	23,70	207	243	73	83	100	11,5	AP 90-Q	Standard 8 NbV
4.089	41,71	13,91	213	388	85	133	120	9,2	AP 89-Q	Standard 10
4.090	58,00	19,40	266	500	100	180	100	10,6	AP 90-Q	Standard 16
4.091	84,00	28,00	326	681	138	257	90	17,3	AP 91-Q	Standard 18
4.092	101,50	33,90	369	748	138	257	75	23,9	AP 92-Q	Standard 28
4.093	139,40	46,50	489	1066	182	488	50	36,0	AP 93-Q	Stand. 36 + 42
4.094	192,00	57,70	542	1370	210	422	50	50,0	AP 93-Q	Standard 50

 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