

Punches up to H = 200 mm

Punch



Delivery time: ex warehouse

OW200/K	Radius:	R1,0 mm
	Angle:	86°
	Height:	120 mm
	Mat. No.	Price
VAR. B		
4050	0823788	- EUR
3050	0823787	- EUR
2550	0835174	- EUR
2050	0823786	- EUR
1250	0825696	- EUR
1050	0867268	- EUR
VAR. A		
2050	0823783	- EUR
1250	0825695	- EUR
1050	1576196	- EUR
550	1601819	- EUR
SET 250		
250	0825692	- EUR
SINGLE		
500	0823781	- EUR
300	0823780	- EUR
200	0823779	- EUR
100	0824474	- EUR
Horn left 100	0824472	- EUR
Horn right 100	0824473	- EUR
50	0824471	- EUR
45	0824470	- EUR
40	0824469	- EUR
35	0824468	- EUR
30	0824467	- EUR
25	0824466	- EUR
20	0838231	- EUR
15	0838230	- EUR
10	0838229	- EUR

Lengths in [mm]

Technical data



800 kN/m

42 Cr Mo 4
1080 - 1180 N/mm²

28,9 kg/m



~60 HRC

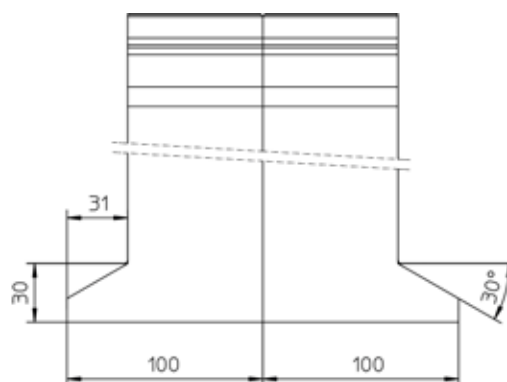


64 mm



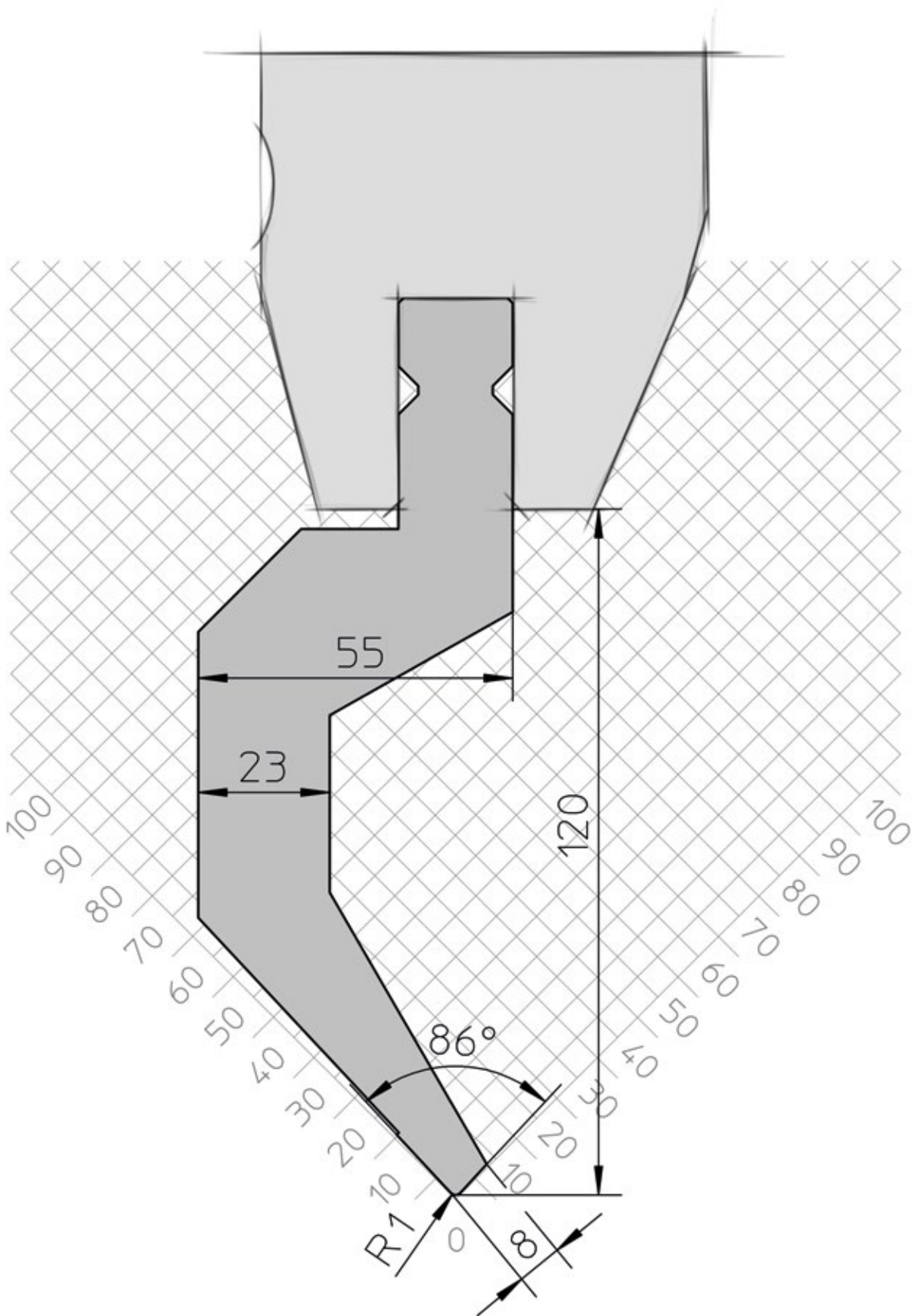
10 mm - 300 mm

Horn left / right

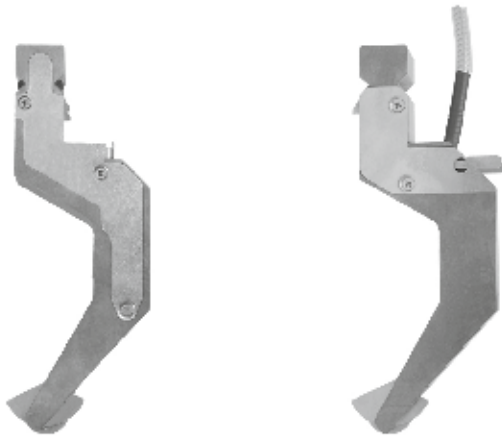


More working radii											Delivery time: 2 weeks
OW200/K	R0,5	R1,6	R2	R2,3	R2,5	R3	R3,2	R4	R5	R6	Radius
	86°	86°	86°	86°	86°	86°	86°	86°	86°	86°	Angle
	119,8	119,2	119,2	119	119	118,7	118,6	118,3	117,8	117,3	Height
	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Mat. No.	Price
VAR. B											
4050	0868289	0868295	0868300	0868312	0868319	0868324	0855080	0868407	1938318	0874746	- EUR
3050	0846063	0832791	0831478	0839065	0834501	0834516	0839066	0834532	0834556	0861678	- EUR
2550	0868288	0839388	0847141	0839383	0850076	0853797	0839380	0854438	0864476	0854878	- EUR
2050	0833552	0839386	0852195	0839384	0854453	0848442	0839381	0848454	0873905	0857213	- EUR
1250	0848070	0839387	0860478	0839385	0829977	0868325	0839382	0842424	1254712	0832068	- EUR
1050	1667589	1593107	1645116	1871095	1593190	1674887	1837176	1593195	1658290	1593198	- EUR
VAR. A											
2050	0868284	0868291	0868296	0868308	0868315	0868321	0868395	0868403	2416033	1205298	- EUR
1250	0868283	0868290	0866329	0868307	0868314	0868320	0868394	0868402	1525467	1568387	- EUR
1050	1667588	1871061	1871070	1576241	1871132	1666717	1837175	1753378	2312768	1990209	- EUR
550	1667587	1871050	1651650	1871094	1871131	1697998	1651651	1651652	1674889	1674935	- EUR
SET 250											
250	0833575	0832790	0831477	0839331	0829963	0834515	0839282	0834531	0834555	0832066	- EUR
SINGLE											
500	0833562	0832777	0827213	0839316	0829961	0827226	0839268	0827240	0834542	0832050	- EUR
300	0833561	0832776	0831471	0839315	0829960	0834506	0839267	0834521	0834541	0832049	- EUR
200	0833560	0832775	0827212	0839314	0829959	0827225	0839266	0827239	0834540	0832048	- EUR
100	0833569	0832784	0827218	0839323	0829973	0827234	0839275	0827243	0834549	0832057	- EUR
Horn left 100	0833572	0832787	0831474	0839327	0829971	0834512	0839278	0834528	0834552	0832064	- EUR
Horn right 100	0833573	0832788	0831475	0839329	0829972	0834513	0839279	0834529	0834553	0832065	- EUR
50	0833568	0832783	0827217	0839322	0829970	0827233	0839274	0834525	0834548	0832056	- EUR
45	0833567	0832782	0827216	0839321	0829969	0827232	0839273	0834524	0834547	0832055	- EUR
40	0833566	0832781	0827215	0839320	0829968	0827231	0839272	0834523	0834546	0832054	- EUR
35	0833565	0832780	0831473	0839319	0829967	0834508	0839271	0827242	0834545	0832053	- EUR
30	0833564	0832779	0827214	0839318	0829966	0827230	0839270	0834522	0834544	0832052	- EUR
25	0833563	0832778	0831472	0839317	0829964	0834507	0839269	0827241	0834543	0832051	- EUR
20	1307796	1472577	1472595	1871098	1871135	0853796	1871152	1871211	2623207	1292586	- EUR
15	1307795	1472576	1472593	1871097	1871134	0853794	1871151	1871160	2623206	1292585	- EUR
10	1307794	1489520	1871092	1871096	1871133	0853793	1871140	1871159	2623204	1292584	- EUR

Lengths, radius and height in [mm]



Sensor tool



Delivery time: ex warehouse

**ACB
OW200/K**

Radius:	R1,0 mm
Angle:	86°
Height:	120 mm
Mat. No.	Price

ACB

Sensor tool 25	0902753	- EUR
Initial equipment 2.G	1273588	- EUR

ACB Wireless

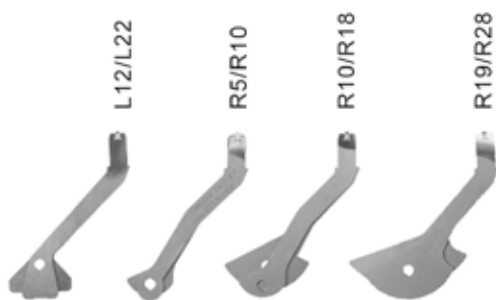
Sensor tool 25	1858866	- EUR
Initial equipment	2040948	- EUR

Sensor disk

L22	0912267	- EUR
L12	0912266	- EUR
R28	0902666	- EUR
R19	0904046	- EUR
R18	0901125	- EUR
R10	0901126	- EUR
R05	0902436	- EUR

The sensor disks marked with a star (*) are included in the sensor tool scope of delivery.

Sensor disks OW 200/K

**R5/R10 ***

Mat.	s	W	α	R (OW)
StSt	≤ 2.5	≤ 16	90 - 95	≤ 2
St	≤ 2.5	≤ 16	90 - 105	≤ 2
Al	≤ 2.5	≤ 16	90 - 105	≤ 2

R10/R18 *

Mat.	s	W	α	R (OW)
StSt	≤ 3.0	≤ 20	90 - 100	≤ 4
St	≤ 4.0	≤ 24	90 - 105	≤ 4
Al	≤ 4.0	≤ 24	90 - 105	≤ 4

R19/R28

Mat.	s	W	α	R (OW)
StSt	≤ 6.0	≤ 50	90 - 95	≤ 6
St	≤ 10.0	≤ 70	90 - 100	≤ 6
Al	≤ 8.0	≤ 70	90 - 100	≤ 6

L12/L22

Mat.	s	W	α	R (OW)
StSt	≤ 2.5	≤ 16	105 - 135	≤ 3
St	≤ 2.5	≤ 16	105 - 135	≤ 3
Al	≤ 2.5	≤ 16	105 - 135	≤ 3

For bigger tool radii restricted angle measurements ranges are valid!

Angles of 120°-135° possible, depending on the sensor and application.

Punch



Delivery time: ex warehouse

OW280/K	Radius:	R0,5 mm
	Angle:	80°
	Height:	140 mm
	Mat. No.	Price
VAR. B		
4050	1203552	- EUR
3050	1203551	- EUR
2550	1203550	- EUR
2050	1202371	- EUR
1250	0994475	- EUR
1050	1483114	- EUR
VAR. A		
2050	1203506	- EUR
1250	1203505	- EUR
1050	1607695	- EUR
550	1587197	- EUR
SET 250		
250	0994474	- EUR
SET 150		
150	1207217	- EUR
SINGLE		
500	0994464	- EUR
300	0994463	- EUR
200	0994462	- EUR
100	0994465	- EUR
Horn left 100	0994472	- EUR
Horn right 100	0994473	- EUR
50	0994471	- EUR
45	0994470	- EUR
40	0994469	- EUR
35	0994468	- EUR
30	0994467	- EUR
25	0994466	- EUR
20	1465755	- EUR
15	1465754	- EUR
10	1293086	- EUR

Lengths in [mm]

Technical data



400 kN/m

42 Cr Mo 4
1080 - 1180 N/mm²

30,8 kg/m



~60 HRC

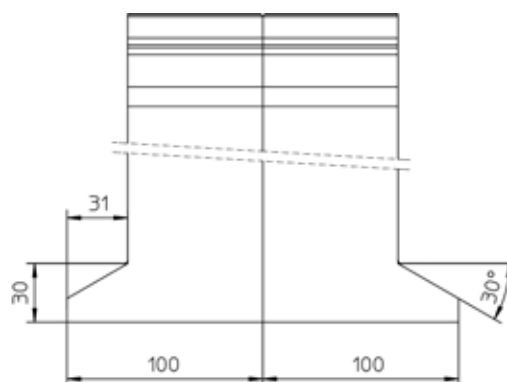


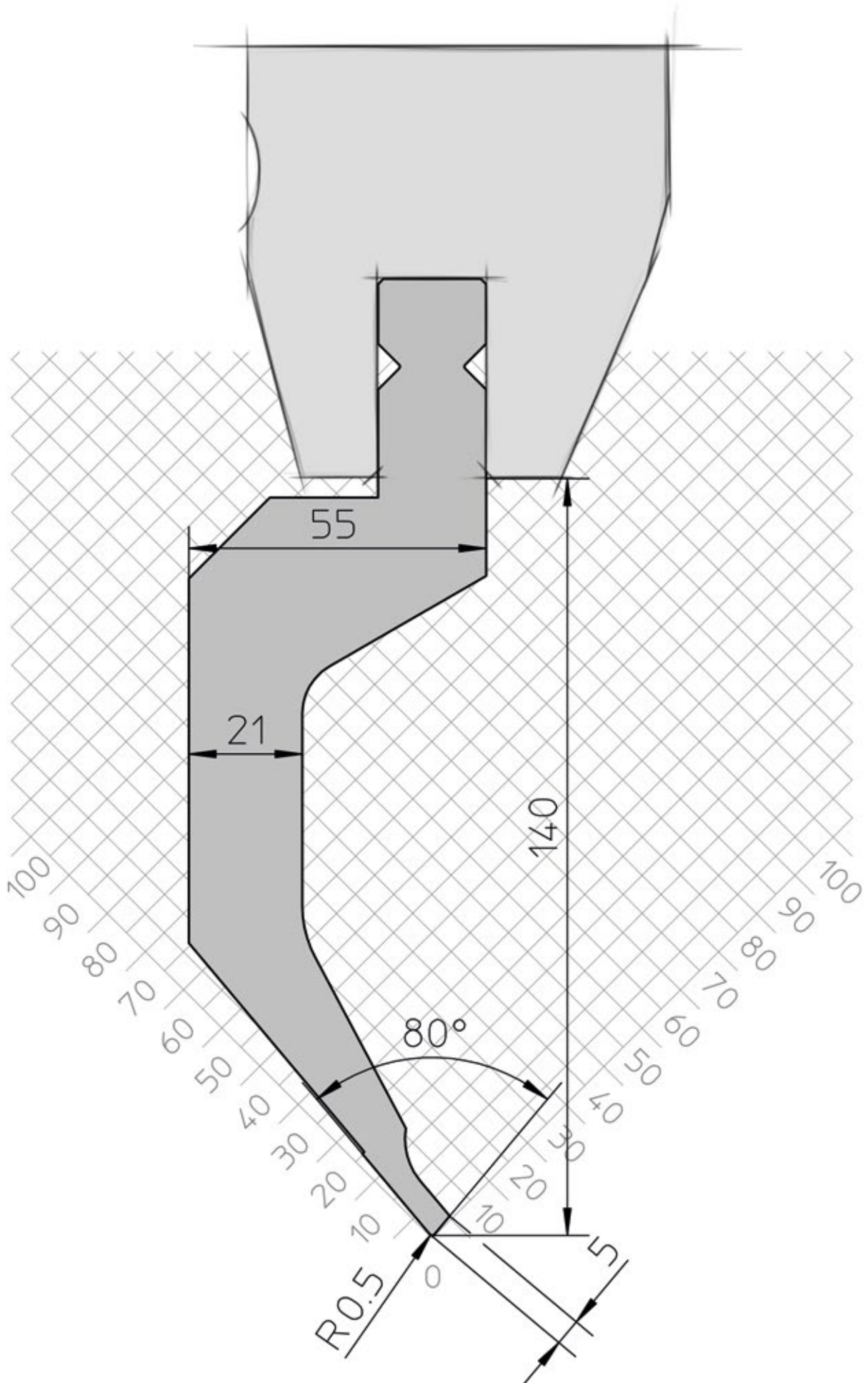
78 mm



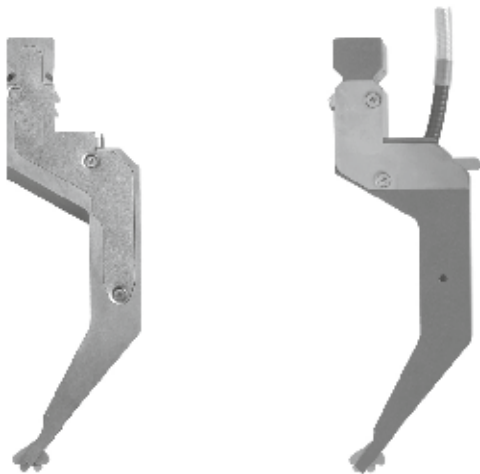
10 mm - 300 mm

Horn left / right





Sensor tool



Delivery time: ex warehouse

**ACB
OW280/K****Radius:** R0,5 mm**Angle:** 80°**Height:** 140 mm**Mat. No.** **Price****ACB**

Sensor tool 25 1206823 - EUR

Initial equipment 2.G 1273600 - EUR

ACB Wireless

Sensor tool 25 1942753 - EUR

Initial equipment 2040912 - EUR

Sensor disk

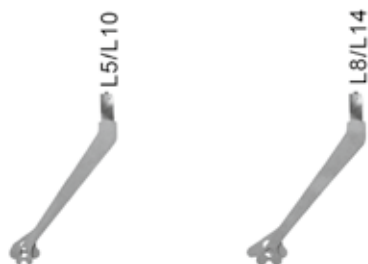
L14 1206832 - EUR

L10 1206830 - EUR

L08 1206831 - EUR

L05 1206829 - EUR

The sensor disks marked with a star (*) are included in the sensor tool scope of delivery.

Sensor disks OW 280/K**L5/L10 ***

Mat.	s	W	α	R (OW)
StSt	≤ 1.0	≤ 8	85 - 110	≤ 1.0
St	≤ 1.5	≤ 10	85 - 110	≤ 1.5
Al	≤ 1.5	≤ 10	85 - 110	≤ 1.5

L8/L14 *

Mat.	s	W	α	R (OW)
StSt	≤ 2.0	≤ 12	85 - 110	≤ 2.0
St	≤ 2.5	≤ 16	85 - 110	≤ 2.5
Al	≤ 2.5	≤ 16	85 - 110	≤ 2.5

For bigger tool radii restricted angle measurements ranges are valid!

Angles of 120°-135° possible, depending on the sensor and application.