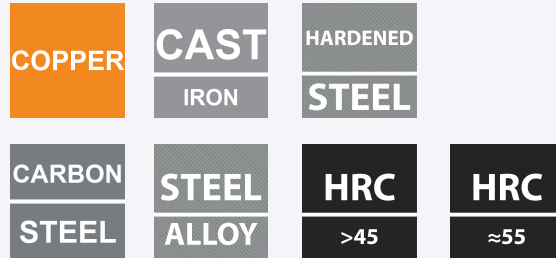


AXIS E9501



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Tolerance:

Dia d ≤ 0.200 : -0.010 / -0.025
Dia d 0.201 - 0.400 : -0.010 / -0.030
Dia d 0.401 - 12.00 : -0.010 / -0.050

Dia	Taper Angle	EFL	Dia at larger end	Shoulder Angle	Total Length	Shank Dia
d	a ± 10'	l		b	L	D h6
0.20	30'	0.80	0.21	9°	45	4.0
0.20	1°	0.80	0.23	9°	45	4.0
0.20	1°30'	0.80	0.24	9°	45	4.0
0.20	2°	0.80	0.26	9°	45	4.0
0.20	3°	0.80	0.28	9°	45	4.0
0.20	5°	0.80	0.34	9°	45	4.0
0.20	10°	0.80	0.48	-	45	4.0
0.30	30'	1.20	0.32	9°	45	4.0
0.30	1°	1.20	0.34	9°	45	4.0
0.30	1°30'	1.20	0.36	9°	45	4.0
0.30	2°	1.20	0.38	9°	45	4.0
0.30	3°	1.20	0.43	9°	45	4.0
0.30	5°	1.20	0.51	9°	45	4.0
0.30	10°	1.20	0.72	-	45	4.0
0.40	30'	1.60	0.43	9°	45	4.0
0.40	1°	1.60	0.46	9°	45	4.0
0.40	1°30'	1.60	0.48	9°	45	4.0
0.40	2°	1.60	0.51	9°	45	4.0
0.40	3°	1.60	0.57	9°	45	4.0
0.40	5°	1.60	0.68	9°	45	4.0

ON REQUEST :

Inch Sizes / Special sizes

PACKING :

Single tool / pack

All Dimensions in mm otherwise specified



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Dia d 0.201 - 0.400 : -0.010 / -0.030
Dia d 0.401 - 12.00 : -0.010 / -0.050

Dia	Taper Angle	EFL	Dia at larger end	Shoulder Angle	Total Length	Shank Dia
d	a ± 10'	l		q	L	D h6
0.40	10°	1.6	0.96	-	45	4.0
0.50	30'	2.0	0.53	9°	45	4.0
0.50	1°	2.0	0.57	9°	45	4.0
0.50	1°30'	2.0	0.60	9°	45	4.0
0.50	2°	2.0	0.64	9°	45	4.0
0.50	3°	2.0	0.71	9°	45	4.0
0.50	4°	2.0	0.78	9°	45	4.0
0.50	5°	2.0	0.85	9°	45	4.0
0.50	6°	2.0	0.92	9°	45	4.0
0.50	7°	2.0	0.99	9°	45	4.0
0.50	10°	2.0	1.21	-	45	4.0
0.50	15°	2.0	1.57	15°	45	4.0
0.50	20°	2.0	1.96	15°	45	4.0
0.60	30'	2.0	0.63	9°	45	4.0
0.60	1°	2.0	0.67	9°	45	4.0
0.60	1°30'	2.0	0.70	9°	45	4.0
0.60	2°	2.0	0.74	9°	45	4.0
0.60	3°	2.0	0.81	9°	45	4.0
0.60	4°	2.0	0.88	9°	45	4.0
0.60	5°	2.0	0.95	9°	45	4.0
0.60	6°	2.0	1.02	9°	45	4.0
0.60	7°	2.0	1.09	9°	45	4.0
0.60	10°	2.0	1.31	-	45	4.0
0.60	15°	2.0	1.67	15°	45	4.0
0.60	20°	2.0	2.06	15°	45	4.0
0.70	30'	2.0	0.73	9°	45	4.0
0.70	1°	2.0	0.77	9°	45	4.0
0.70	1°30'	2.0	0.80	9°	45	4.0
0.70	2°	2.0	0.84	9°	45	4.0
0.70	2°	2.0	0.91	9°	45	4.0
0.70	4°	2.0	0.98	9°	45	4.0
0.70	5°	2.0	1.05	9°	45	4.0
0.70	6°	2.0	1.12	9°	45	4.0
0.70	7°	2.0	1.19	9°	45	4.0
0.70	10°	2.0	1.41	-	45	4.0
0.70	15°	2.0	1.77	15°	45	4.0
0.70	20°	2.0	2.16	15°	45	4.0
0.80	30'	3.0	0.85	9°	45	4.0
0.80	1°	3.0	0.90	9°	45	4.0
0.80	1°30'	3.0	0.96	9°	45	4.0
0.80	2°	3.0	1.01	9°	45	4.0
0.80	3°	3.0	1.11	9°	45	4.0
0.80	4°	3.0	1.21	9°	45	4.0
0.80	5°	3.0	1.32	9°	45	4.0
0.80	6°	3.0	1.43	9°	45	4.0
0.80	7°	3.0	1.54	9°	45	4.0

ON REQUEST :
Inch Sizes / Special sizes

PACKING :
Single tool / pack

All Dimensions in mm otherwise specified





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Dia d 0.401 - 12.00 : -0.010 / -0.050

Dia	Taper Angle	EFL	Dia at larger end	Shoulder Angle	Total Length	Shank Dia
d	a ± 10'	l		q	L	D h6
0.80	10°	3.0	1.86	-	45	4.0
0.80	15°	3.0	2.41	15°	45	4.0
0.80	20°	3.0	2.98	-	45	4.0
0.90	30'	3.0	0.95	9°	45	4.0
0.90	1°	3.0	1.00	9°	45	4.0
0.90	1°30'	3.0	1.06	9°	45	4.0
0.90	2°	3.0	1.11	9°	45	4.0
0.90	3°	3.0	1.21	9°	45	4.0
0.90	4°	3.0	1.32	9°	45	4.0
0.90	5°	3.0	1.42	9°	45	4.0
0.90	6°	3.0	1.53	9°	45	4.0
0.90	7°	3.0	1.64	9°	45	4.0
0.90	10°	3.0	1.96	-	45	4.0
0.90	15°	3.0	2.51	15°	45	4.0
0.90	20°	3.0	3.08	9°	45	4.0
1.00	30'	4.0	1.07	9°	45	4.0
1.00	1°	4.0	1.14	9°	45	4.0
1.00	1°30'	4.0	1.21	9°	45	4.0
1.00	2°	4.0	1.28	9°	45	4.0
1.00	3°	4.0	1.42	9°	45	4.0
1.00	4°	4.0	1.56	9°	45	4.0
1.00	5°	4.0	1.70	9°	45	4.0
1.00	6°	4.0	1.84	9°	45	4.0
1.00	7°	4.0	1.98	9°	45	4.0
1.00	10°	4.0	2.41	-	45	4.0
1.00	15°	4.0	3.14	15°	50	6.0
1.00	20°	4.0	3.91	15°	50	6.0
1.50	30'	5.0	1.59	9°	45	4.0
1.50	1°	5.0	1.67	9°	45	4.0
1.50	1°30'	5.0	1.76	9°	45	4.0
1.50	2°	5.0	1.85	9°	45	4.0
1.50	3°	5.0	2.02	9°	45	4.0
1.50	4°	5.0	2.20	9°	45	4.0
1.50	5°	5.0	2.37	9°	45	4.0
1.50	6°	5.0	2.55	9°	45	4.0
1.50	7°	5.0	2.73	9°	45	4.0
1.50	10°	5.0	3.26	-	45	4.0
1.50	15°	5.0	4.18	15°	50	6.0
1.50	20°	5.0	5.14	-	50	6.0
2.00	30'	6.0	2.10	9°	45	4.0
2.00	1°	6.0	2.21	9°	45	4.0
2.00	1°30'	6.0	2.31	9°	45	4.0
2.00	2°	6.0	2.41	9°	45	4.0
2.00	3°	6.0	2.62	9°	45	4.0
2.00	4°	6.0	2.84	9°	45	4.0
2.00	5°	6.0	3.05	9°	45	4.0

ON REQUEST :

Inch Sizes / Special sizes

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Dia d 0.401 - 12.00 : -0.010 / -0.050

Dia	Taper Angle	EFL	Dia at larger end	Shoulder Angle	Total Length	Shank Dia
d	a ± 10'	l		q	L	D h6
2.00	6°	6.0	3.26	9°	45	4.0
2.00	7°	6.0	3.47	-	45	4.0
2.00	10°	6.0	4.11	-	50	6.0
2.00	15°	6.0	5.22	-	50	6.0
2.00	20°	6.0	6.37	-	50	6.0
2.50	30'	8.0	2.64	9°	45	4.0
2.50	1°	8.0	2.78	9°	45	4.0
2.50	1°30'	8.0	2.91	9°	45	4.0
2.50	2°	8.0	3.05	9°	45	4.0
2.50	3°	8.0	3.33	9°	45	4.0
2.50	4°	8.0	3.62	-	45	4.0
2.50	5°	8.0	3.90	-	45	4.0
2.50	6°	8.0	4.18	-	50	4.0
2.50	7°	8.0	4.46	-	50	4.0
2.50	10°	8.0	5.32	-	50	6.0
2.50	15°	8.0	6.79	-	50	6.0
2.50	20°	8.0	8.32	-	60	8.0
3.00	30'	10.0	3.17	9°	50	6.0
3.00	1°	10.0	3.35	9°	50	6.0
3.00	1°30'	10.0	3.52	9°	50	6.0
3.00	2°	10.0	3.69	9°	50	6.0
3.00	3°	10.0	4.05	9°	50	6.0
3.00	4°	10.0	4.40	9°	50	6.0
3.00	5°	10.0	4.75	9°	50	6.0
3.00	6°	10.0	5.10	-	50	6.0
3.00	7°	10.0	5.46	-	50	6.0
3.00	10°	10.0	6.53	-	50	6.0
3.00	15°	10.0	8.36	-	60	8.0
3.00	20°	10.0	10.30	-	70	10.0
4.00	30'	15.0	4.26	9°	50	6.0
4.00	1°	15.0	4.52	9°	50	6.0
4.00	1°30'	15.0	4.79	9°	50	6.0
4.00	2°	15.0	5.04	9°	50	6.0
4.00	3°	15.0	5.57	9°	50	6.0
4.00	4°	15.0	6.10	-	55	6.0
4.00	5°	15.0	6.62	-	55	6.0
4.00	6°	15.0	7.15	-	55	6.0
4.00	7°	15.0	7.68	-	55	6.0
4.00	10°	15.0	9.29	-	60	8.0
4.00	15°	15.0	12.04	-	80	12.0
4.00	20°	15.0	14.92	-	80	12.0
5.00	30'	20.0	5.34	9°	55	6.0
5.00	1°	20.0	5.70	9°	55	6.0
5.00	1°30'	20.0	6.04	-	55	6.0
5.00	2°	20.0	6.39	-	55	6.0
5.00	3°	20.0	7.10	-	55	6.0

ON REQUEST :
Inch Sizes / Special sizes

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Dia d 0.201 - 0.400 : -0.010 / -0.030
Dia d 0.401 - 12.00 : -0.010 / -0.050

Dia	Taper Angle	EFL	Dia at larger end	Shoulder Angle	Total Length	Shank Dia
d	a ± 10'	l		q	L	D h6
5.00	4°	20.0	7.80	-	60	6.0
5.00	5°	20.0	8.50	-	60	8.0
5.00	6°	20.0	9.20	-	60	8.0
5.00	7°	20.0	9.91	-	70	10.0
5.00	10°	20.0	12.05	-	80	12.0
6.00	30'	20.0	6.35	-	55	6.0
6.00	1°	20.0	6.70	-	55	6.0
6.00	1°30'	20.0	7.05	-	55	6.0
6.00	2°	20.0	7.40	-	55	6.0
6.00	3°	20.0	8.10	-	60	8.0
6.00	4°	20.0	8.80	-	65	8.0
6.00	5°	20.0	9.50	-	65	8.0
6.00	6°	20.0	10.20	-	70	10.0
6.00	7°	20.0	10.91	-	70	10.0
6.00	10°	20.0	13.05	-	80	12.0
8.00	30'	25.0	8.44	-	65	8.0
8.00	1°	25.0	8.87	-	65	8.0
8.00	1°30'	25.0	9.31	-	65	8.0
8.00	2°	25.0	9.74	-	65	8.0
8.00	30'	25.0	8.44	-	65	8.0
8.00	1°	25.0	8.87	-	65	8.0
8.00	1°30'	25.0	9.31	-	65	8.0
8.00	2°	25.0	9.74	-	65	8.0
8.00	3°	25.0	10.62	-	70	10.0
8.00	5°	25.0	12.37	-	90	12.0
10.00	30'	35.0	10.61	-	85	10.0
10.00	1°	35.0	11.22	-	85	10.0
10.00	1°30'	35.0	11.83	-	85	10.0
10.00	2°	35.0	12.44	-	90	12.0
10.00	3°	35.0	13.67	-	90	12.0
12.00	30'	35.0	12.61	-	85	12.0
12.00	1°	35.0	13.22	-	90	12.0
12.00	2°	35.0	14.44	-	90	12.0

ON REQUEST :

Inch Sizes / Special sizes

PACKING :

Single tool / pack

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