



POLIANGOLAR ATTACHMENTS FOR INTERNAL BROACHING

MODEL	SHANK	PRICE €	TOOL MODEL
0200N	CYLINDRICAL SHANK Ø 10-12-16-20-25-3/4"	795,00	NG08
	WELDON AND OTHER CYLINDRICAL SHANKS	850,00	NG08
	VDI 20	940,00	NG08
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	985,00	NG08
0500N	M.T.2 - CYLINDRICAL SHANK Ø 12-16-20-25 3/4"	735,00	NG12
	WELDON AND OTHER CYLINDRICAL SHANKS	790,00	NG12
	VDI 20	880,00	NG12
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	925,00	NG12
1100N	M.T.2 - CYLINDRICAL SHANK Ø 16-20-25 3/4" 1"	615,00	NG12
	WELDON AND OTHER CYLINDRICAL SHANKS	670,00	NG12
	VDI 20	760,00	NG12
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	805,00	NG12
2100N	M.T.3 - CYLINDRICAL SHANK Ø 20-25-32-40-1"	835,00	NG16
	WELDON AND OTHER CYLINDRICAL SHANKS	890,00	NG16
	VDI 30	980,00	NG16
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.025,00	NG16
3100N	M.T.3-M.T.4 - CYLINDRICAL SHANK Ø 20-25-32-40-1"	985,00	NG16
	WELDON AND OTHER CYLINDRICAL SHANKS	1.040,00	NG16
	VDI 30-40	1.130,00	NG16
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.175,00	NG16
3100S	M.T.3-M.T.4 - CYLINDRICAL SHANK Ø 20-25-32-40-1"	1.195,00	SG16
	WELDON AND OTHER CYLINDRICAL SHANKS	1.250,00	SG16
	VDI 30-40	1.340,00	SG16
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.385,00	SG16
4100XS	M.T.3-M.T.4 - CYLINDRICAL SHANK Ø 25-32-40-1"	1.970,00	XG16/25
	WELDON AND OTHER CYLINDRICAL SHANKS	2.025,00	XG16/25
	VDI 40-50	2.115,00	XG16/25
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	2.160,00	XG16/25
4100XS	M.T.3-M.T.4 - CYLINDRICAL SHANK Ø 25-32-40-1"	2.150,00	XG16/25
	WELDON AND OTHER CYLINDRICAL SHANKS	2.205,00	XG16/25
	VDI 40-50	2.295,00	XG16/25
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	2.340,00	XG16/25

POLIANGOLAR ATTACHMENTS FOR EXTERNAL BROACHING

MODEL	SHANK	PRICE €	TOOL MODEL
0200E	CYLINDRICAL SHANK Ø 10-12-16-20-25-3/4"	990,00	EG20
	WELDON AND OTHER CYLINDRICAL SHANKS	1.045,00	EG20
	VDI 20	1.135,00	EG20
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.180,00	EG20
5100E	C.M.2 - CYLINDRICAL SHANK Ø 16-20-25 3/4" 1"	835,00	EG36
	WELDON AND OTHER CYLINDRICAL SHANKS	890,00	EG36
	VDI 20	980,00	EG36
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.025,00	EG36
7100E	C.M.3 - CYLINDRICAL SHANK Ø 20-25-32-40-1"	1.085,00	EG36
	WELDON AND OTHER CYLINDRICAL SHANKS	1.140,00	EG36
	VDI 30	1.230,00	EG36
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.275,00	EG36
8100E	C.M.3-C.M.4 - CYLINDRICAL SHANK Ø 20-25-32-40-1"	1.490,00	EG45
	WELDON AND OTHER CYLINDRICAL SHANKS	1.545,00	EG45
	VDI 30-40	1.635,00	EG45
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	1.680,00	EG45
9100E	C.M.3-C.M.4 - CYLINDRICAL SHANK Ø 25-32-40-1"	2.070,00	EG70
	WELDON AND OTHER CYLINDRICAL SHANKS	2.125,00	EG70
	VDI 40-50	2.215,00	EG70
	BT-ISO-HSK-AND OTHER SPECIAL SHANKS	2.260,00	EG70



STANDARD TOOLS - HEXAGONS AND SQUARES FOR INTERNAL PROFILES

SECTION	NG8	NG12	NG16	SG16	XG16(25*)
From mm 1 up to mm 17	€ 39,00	€ 49,00	€ 59,00	€ 85,00	€ 117,00
From mm 18 up to mm 22	Available up to mm. 10 for hexagones and up to mm. 8 for squares	Available up to mm. 14 for hexagones and up to mm. 12 for squares	€ 75,00	€ 101,00	€ 147,00
From mm 23 up to mm 27			€ 101,00	€ 128,00	€ 193,00
From mm 28 up to mm 32			€ 123,00	€ 141,00	€ 212,00
From mm 33 up to mm 36			€ 148,00	€ 183,00	€ 265,00
From mm 37 up to mm 40			€ 181,00	€ 221,00	€ 309,00
From mm 40 up to mm 55			€ 218,00	€ 251,00	€ 327,00
Over mm 55			€ 248,00	€ 287,00	€ 359,00
Extra charge for decimal and inch sizes: € 8,00 each					
Extra charge for coating in TIN-PVD, TiCN or TiAlN: € 17,00 each					
Extra charge for tools in sinterized material: € 20,00 each					

Tools made in sinterized material

STANDARD TOOLS - TORX - COATED IN TIN-PVD

TORX TYPE	NG8	NG12	NG16	SG16	XG16(25*)
From T 06 up to T 60	€ 99,00	€ 114,00	€ 142,00	€ 198,00	€ 221,00
From T 65 up to T 100	Available up to T 60 profile		€ 147,00	€ 203,00	€ 225,00

Upon request is possible to have the tools coated in other materials (TiCN or TiAlN) without any extra charge

TRIANGULAR - OCTAGONAL - RECTANGULAR - PENTAGONAL - DODECAGONAL - SHAPED TOOLS FOR INTERNAL PROFILES

SECTION	NG8	NG12	NG16	SG16	XG16(25*)
From mm 1 up to mm 17	€ 78,00	€ 94,00	€ 102,00	€ 123,00	€ 128,00
From mm 18 up to mm 22	Available up to ID 10 mm	Available up to ID 14 mm	€ 120,00	€ 143,00	€ 162,00
From mm 23 up to mm 27			€ 135,00	€ 162,00	€ 202,00
From mm 28 up to mm 32			€ 163,00	€ 198,00	€ 215,00
From mm 33 up to mm 36			€ 202,00	€ 234,00	€ 265,00
From mm 37 up to mm 40			€ 232,00	€ 254,00	€ 298,00
From mm 40 up to mm 55			€ 265,00	€ 285,00	€ 325,00
Over mm 55			€ 298,00	€ 315,00	€ 358,00

Extra charge for coating in TIN-PVD, TiCN or TiAlN: € 17,00 each

SPECIAL TOOLS - double square, double hexagon, DIN5480, DIN5481, DIN5482, and other profiles

SECTION	NG8	NG12	NG16	SG16	XG16(25*)
Up to mm 40	€ 198,00	€ 232,00	€ 254,00	€ 277,00	€ 298,00
Over mm 40	Available up to ID 12		to be agreed		

*= the XG tool with 25 mm shank, is suggested for those machinings that have a internal diameter bigger than 45 mm

Extra charge for coating in TIN-PVD, TiCN or TiAlN: € 17,00 each

TOOLS FOR EXTERNAL PROFILES

SECTION	EG20	EG36	EG45	EG70
Hexagon, square	€ 168,00	€ 179,00	€ 232,00	€ 275,00
Other profiles	€ 248,00	€ 258,00	€ 298,00	€ 348,00

Extra charge for coating in TIN-PVD, TiCN or TiAlN: € 17,00 each